FCC RF Test Report

APPLICANT	:	Honor Device Co.,Ltd.
EQUIPMENT	:	Smart Phone
BRAND NAME	:	HONOR
MODEL NAME	:	FNE-NX9
FCC ID	:	2AYGCFNE-NX9
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	May 26, 2022 ~ Jul. 05, 2022

We, Sporton International Inc. (Kunshan), 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.

This report contains data that were produced under subcontract by Sporton International Inc. (ShenZhen).

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

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FRX242802E	Rev. 01	Initial issue of report	Jul. 08, 2022

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 4.04 dB at 5463.920 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 8.67 dB at 0.150 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	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.

1 General Description

1.1 Applicant

Honor Device Co.,Ltd.
Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China

1.2 Manufacturer

Honor Device Co.,Ltd.
Shum Yip Sky Park, No. 8089, Hongli West Road, Shenzhen, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Phone
Brand Name	HONOR
Model Name	FNE-NX9
FCC ID	2AYGCFNE-NX9
IMEI Code	Conducted: 865911060050962/865911060054162 Conduction: 865911060030063/865911060037068 Radiation: 865911060029461/865911060036466
HW Version	HN2FNEM02
SW Version	6.1.0.116(C900E100R1P1)
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<MIMO Ant. 1+2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 19.08 dBm / 0.0809 W 802.11n HT20 : 18.71 dBm / 0.0743 W 802.11n HT40 : 18.76 dBm / 0.0752 W 802.11ac VHT20 : 18.83 dBm / 0.0764 W 802.11ac VHT40 : 18.81 dBm / 0.0760 W 802.11ac VHT80 : 13.42 dBm / 0.0220 W 802.11ac VHT160 : 11.57 dBm / 0.0144 W 802.11ax HE20 : 18.92 dBm / 0.0780 W 802.11ax HE40 : 19.39 dBm / 0.0869 W 802.11ax HE80 : 13.49 dBm / 0.0223 W 802.11ax HE160 : 11.78 dBm / 0.0151 W **<5260 MHz ~ 5320 MHz>** 802.11a : 19.02 dBm / 0.0798 W 802.11n HT20 : 18.76 dBm / 0.0752 W 802.11n HT40 : 18.69 dBm / 0.0740 W 802.11ac VHT20 : 18.85 dBm / 0.0767 W 802.11ac VHT40 : 18.84 dBm / 0.0766 W 802.11ac VHT80 : 12.94 dBm / 0.0197 W 802.11ax HE20 : 18.94 dBm / 0.0783 W 802.11ax HE40 : 19.08 dBm / 0.0809 W 802.11ax HE80 : 13.05 dBm / 0.0202 W 802.11ax HE160 : 9.30 dBm / 0.0085 W **<5500 MHz ~ 5720 MHz >** 802.11a : 19.77 dBm / 0.0948 W 802.11n HT20 : 19.21 dBm / 0.0834 W 802.11n HT40 : 18.68 dBm / 0.0738 W 802.11ac VHT20 : 19.29 dBm / 0.0849 W 802.11ac VHT40 : 18.75 dBm / 0.0750 W 802.11ac VHT80 : 17.30 dBm / 0.0537 W 802.11ac VHT160 : 10.22 dBm / 0.0105 W 802.11ax HE20 : 19.36 dBm / 0.0863 W 802.11ax HE40 : 18.78 dBm / 0.0755 W 802.11ax HE80 : 17.40 dBm / 0.0550 W 802.11ax HE160 : 10.44 dBm / 0.0111 W
99% Occupied Bandwidth	**<MIMO Ant. 1+2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 16.33 MHz 802.11ax HE20 : 18.88 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 76.72 MHz 802.11ax HE160 : 155.60 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.33 MHz 802.11ax HE20 : 18.88 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 76.84 MHz **<5500 MHz ~ 5720 MHz >**

	802.11a : 16.38 MHz 802.11ax HE20 : 18.88 MHz 802.11ax HE40 : 37.76 MHz 802.11ax HE80 : 76.84 MHz 802.11ax HE160 : 155.36 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** <Ant. 1> : Built-in Antenna with gain -0.70 dBi <Ant. 2> : Built-in Antenna with gain 0 dBi **<5260 MHz ~ 5320 MHz>** <Ant. 1> : Built-in Antenna with gain -0.70 dBi <Ant. 2> : Built-in Antenna with gain 0 dBi **<5500 MHz ~ 5720 MHz>** <Ant. 1> : Built-in Antenna with gain -0.70 dBi <Ant. 2> : Built-in Antenna with gain 0 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac/ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)
Antenna Function Description	<table><tr><td></td><td>Ant. 1</td><td>Ant. 2</td></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table>

Note:

1. WLAN 5G Ant. 1/2 corresponding to EUT Photo Ant. 7/11.
2. WLAN 5G Ant. 1/2 support SISO and CDD MIMO mode. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal conducted power.
3. For 802.11n/ac/ax 20/40/80 mode, the whole testing have assessed only 802.11ax 20/40/80 by referring to their maximum conducted power.
4. 802.11ax support OFDMA full RU tone and partial RU tone.

1.5 Modification of EUT

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

1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01 -KS 03CH05-KS	CN1257	314309

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (Shenzhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-SZ	CN1256	421272

Test data subcontracted: conducted test items in section 3.5 of this report.

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH05-KS	AUDIX	E3	6.2009-8-24al
2.	CO01-SZ	AUDIX	E3	6.120613b

1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- 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. 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 (X 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)
5180-5240 MHz U-NII-1	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210	50	5250

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5500- 5720 MHz MHz U-NII-2C	100	5500	112	5560
	102*	5510	114	5570
	104	5520	116	5580
	106#	5530	132	5660
	108	5540	134*	5670
	110*	5550	136	5680
			140	5700

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80.

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
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

RSE Co-location
Bluetooth LE 2Mbps CH00 TX + WLAN 5GHz 802.11ax HE80CH106 TX + WCDMA Band V Link
WLAN 5GHz 802.11ax HE80CH106 TX + WCDMA Band V Link

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle+ Bluetooth Link+ WLAN Link(5G)+ USB Cable 1(Charging from Adapter 3)+ Battery 1
Remark: For Radiated Test Cases, The tests were performance with Adapter3 and USB Cable1.	

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

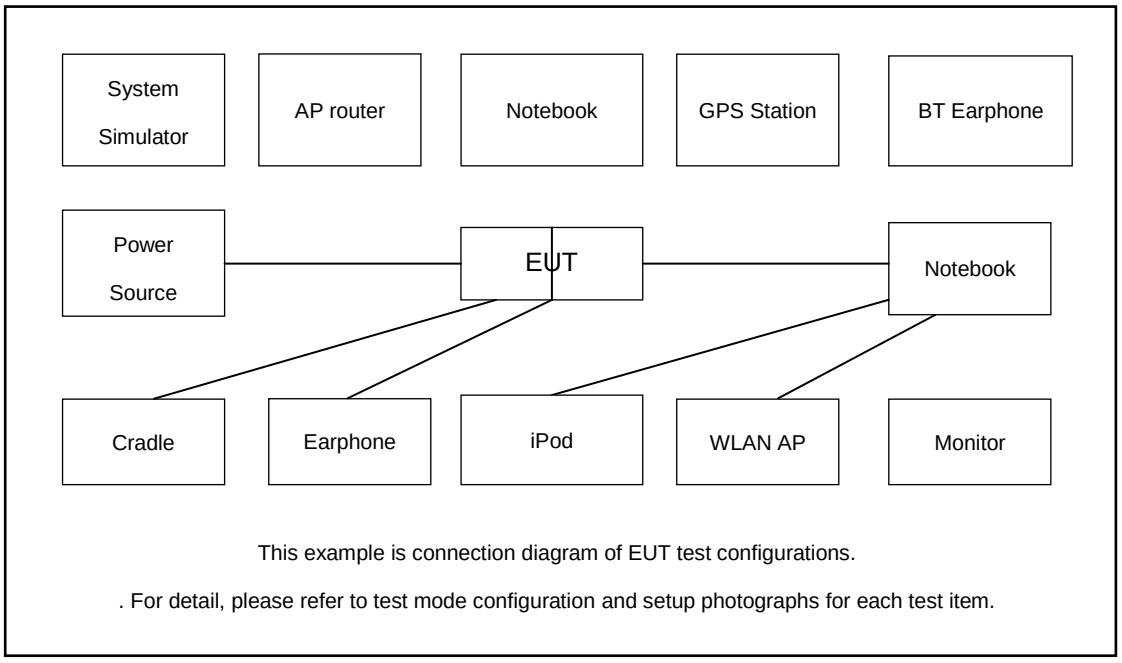
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 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. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

Ch. #		U-NII-1:5180-5240 MHz	U-NII-2A:5260-5320 MHz	U-NII-2C:5500- 5720 MHz
		802.11ax HE160		802.11ax HE160
L	Low	-	-	–
M	Middle	50		114
H	High	-	-	-

2.3 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station(LTE)	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Samsung	EO-MG900	PYAHS-107W	N/A	N/A
3.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m
4.	NOTE BOOK	Lenovo	E540	N/A	FCC DoC	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

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 7.0 dB and 10dB attenuator.

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

= 7.0 + 10 = 17.0 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

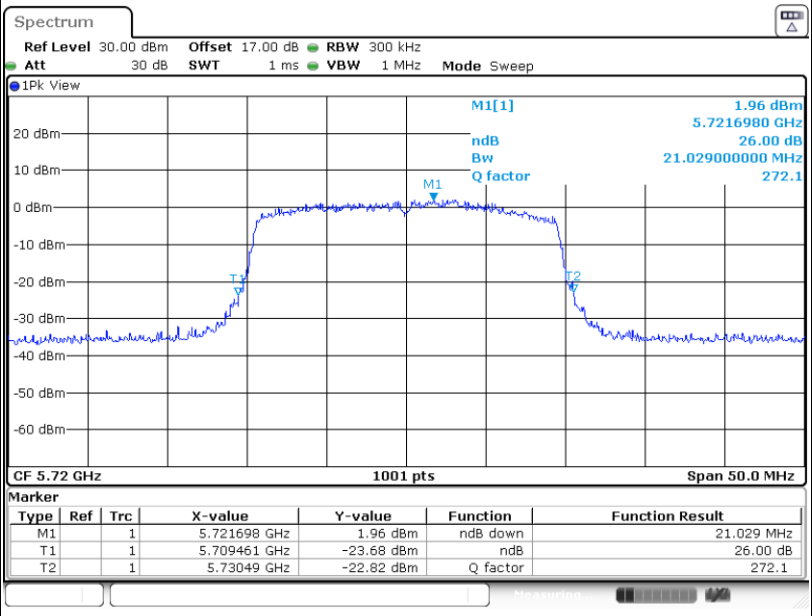
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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% to 5% of the OBW and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup

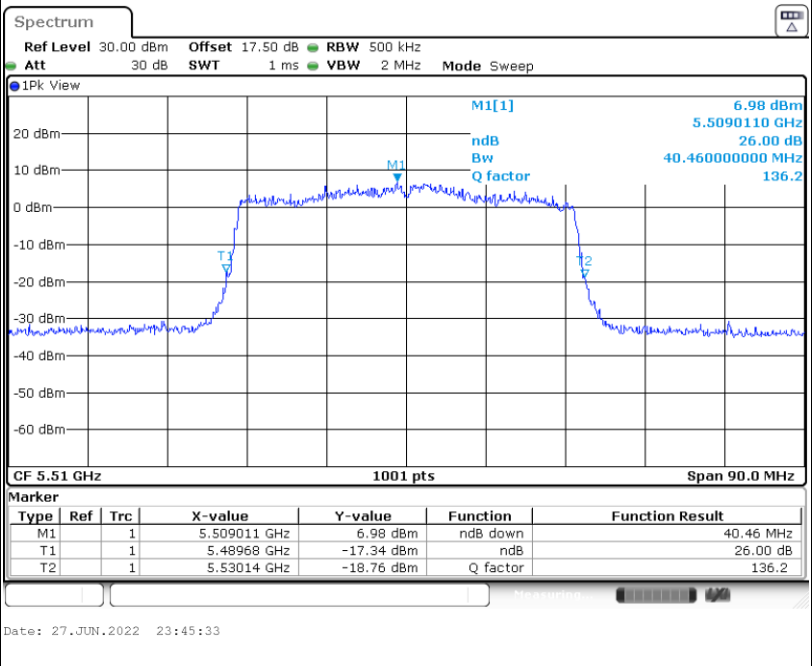
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

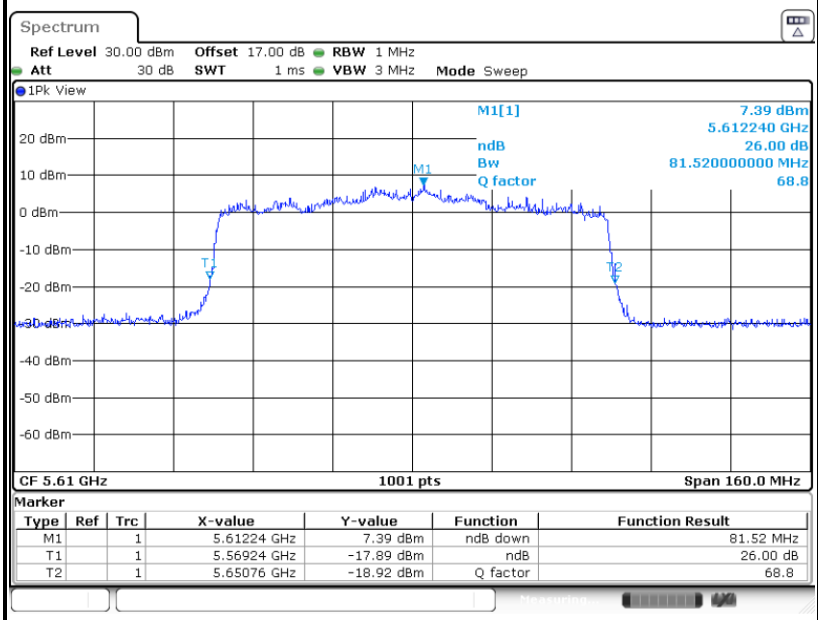
Maximum 26dB Bandwidth for 20M BW



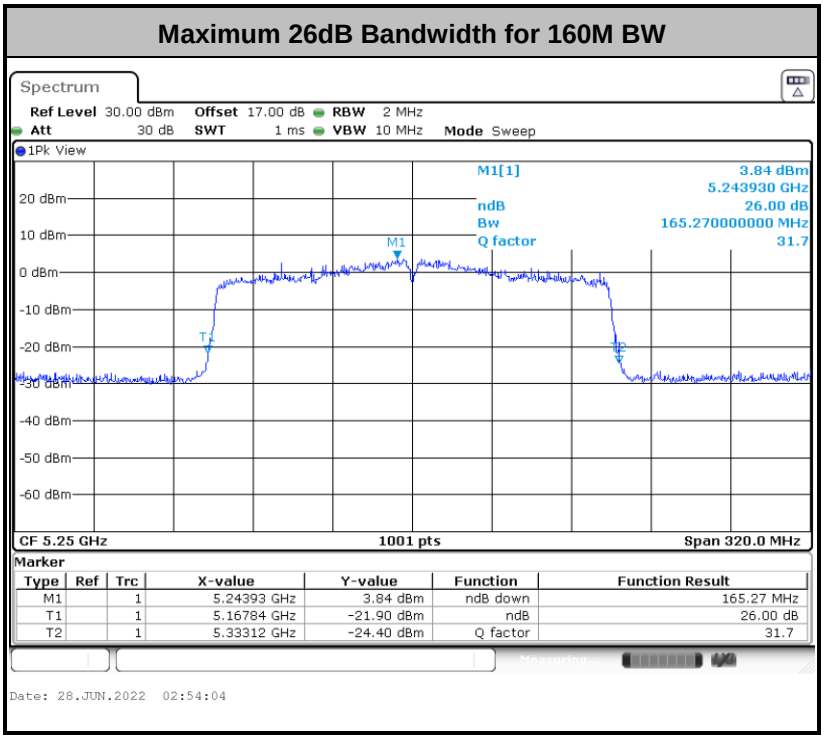
Maximum 26dB Bandwidth for 40M BW



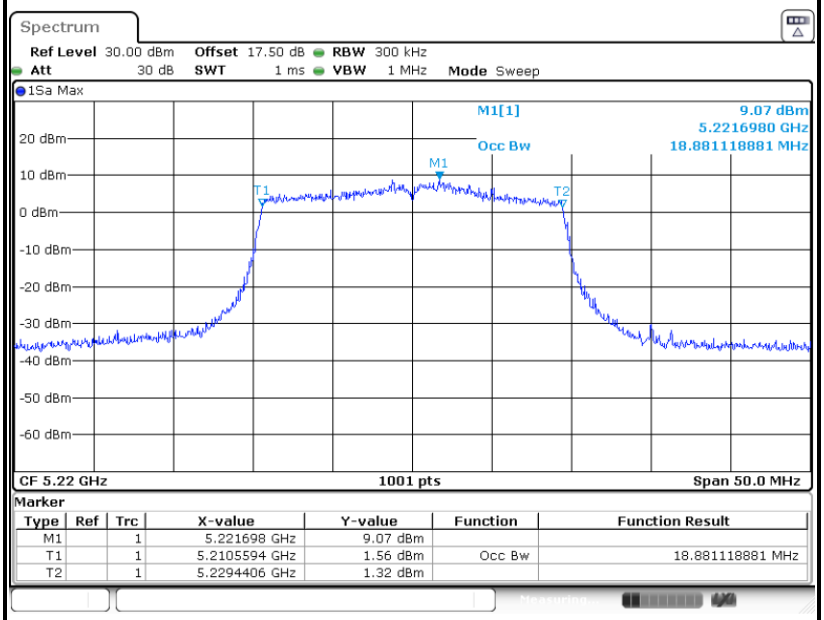
Maximum 26dB Bandwidth for 80M BW



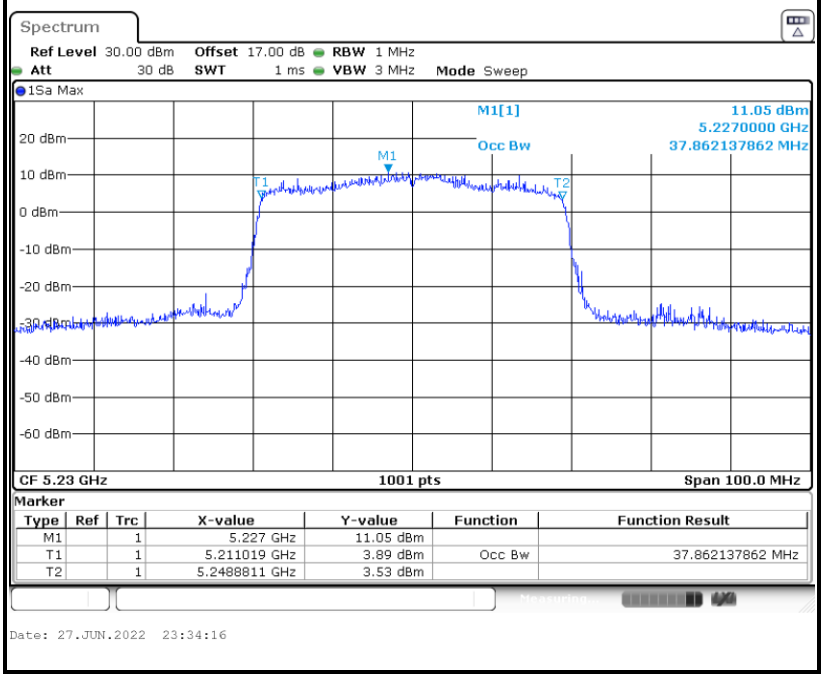
Maximum 26dB Bandwidth for 160M BW



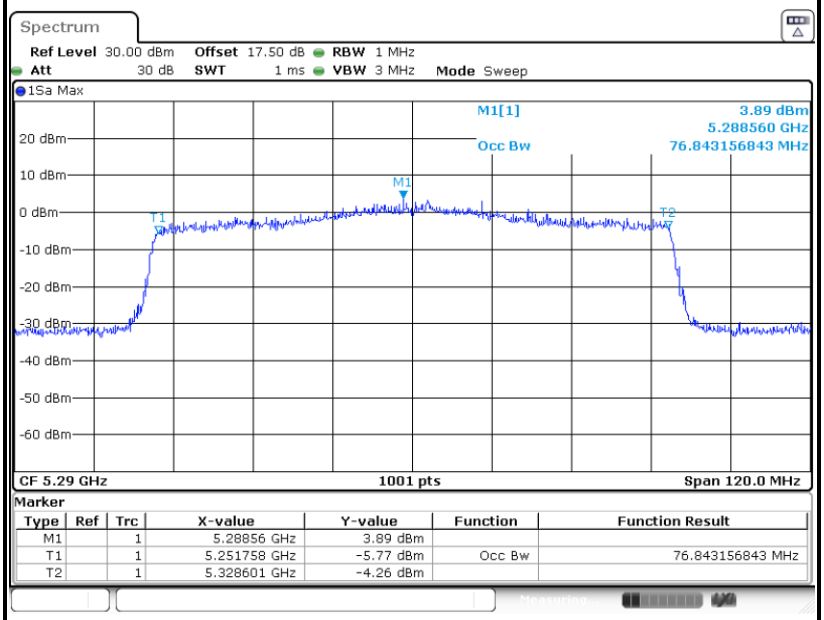
Maximum 99% Occupied Bandwidth for 20M BW



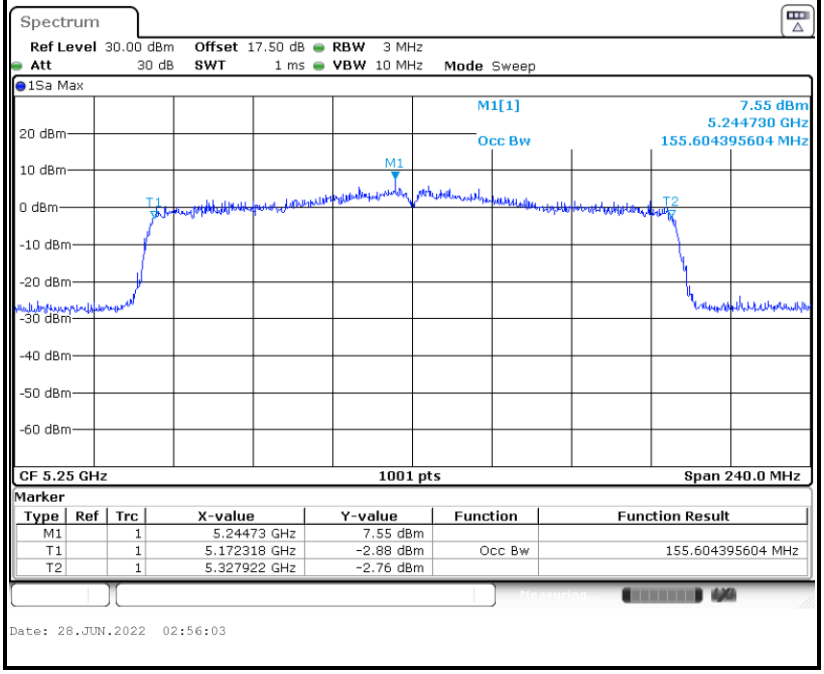
Maximum 99% Occupied Bandwidth for 40M BW



Maximum 99% Occupied Bandwidth for 80M BW



Maximum 99% Occupied Bandwidth for 160M BW



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 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 the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +10 log 10 B, where B is the 26 dB emission bandwidth in megahertz.

For the 5.47–5.6 GHz and 5.65–5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or 11 + 10 log10 B, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% 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

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

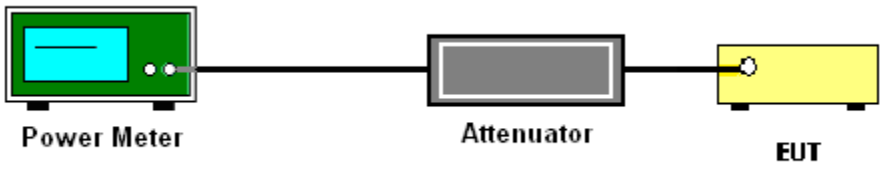
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

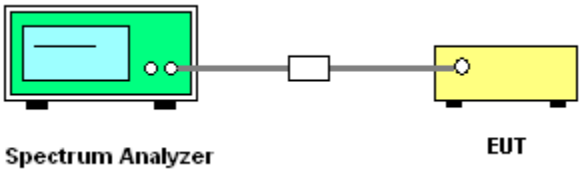
Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

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 mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz 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

The measuring equipment is listed in the section 4 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-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6

dB if the duty cycle is 25 percent.

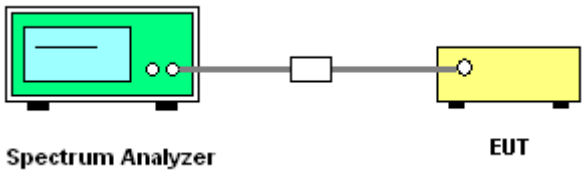
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, attenuator loss and duty factor. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.
The total final Power Spectral Density is the bin-by-bin summation to obtain the combined spectrum. For the device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

Method (b): Measure and sum spectral maxima across the outputs.
The measurement on each individual output were performed with the same span and number on each individual output. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs.

Method (c): Measure and add 10 log(N_{ANT}) dB, where N_{ANT} is the number of outputs.
The measurement on each individual output were performed with the same span and number on each individual output. The quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit.

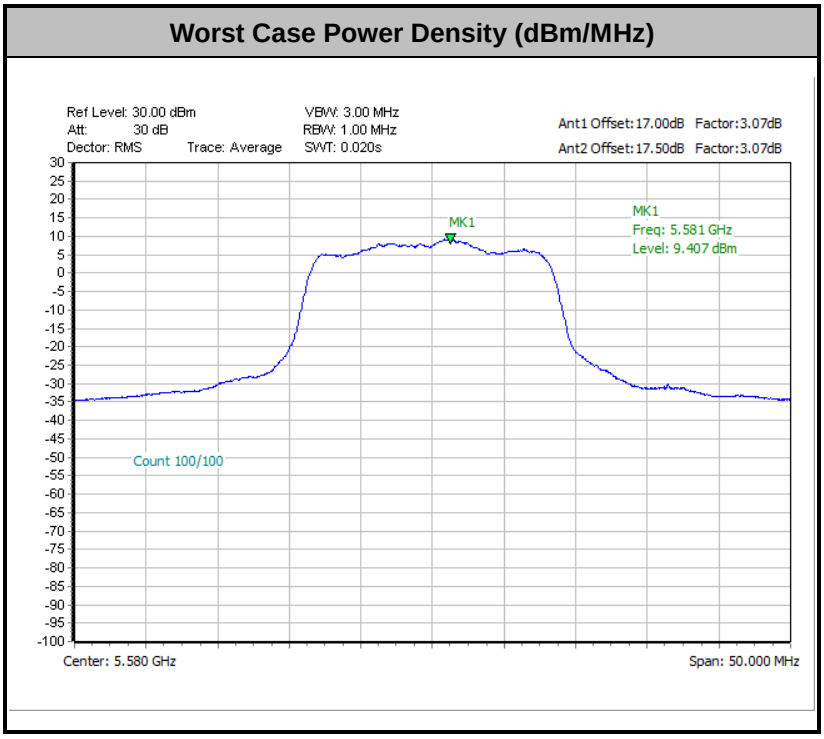
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

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 5470-5725 MHz band: all emissions outside of the 5470-5725 MHz 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

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

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

$$EIRP = E_{Meas} + 20\log(d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

(3) ANSI C63.10-2013 clause 12.7.3 note 97

As specified by regulatory requirements, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit. However, an out-of-band emission that complies with both the average and peak general regulatory limits is not required to satisfy the peak emission limit.

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 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

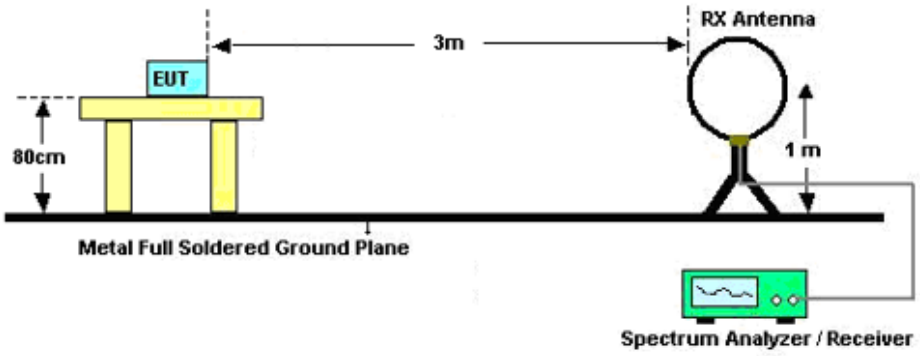
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 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 peak 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.

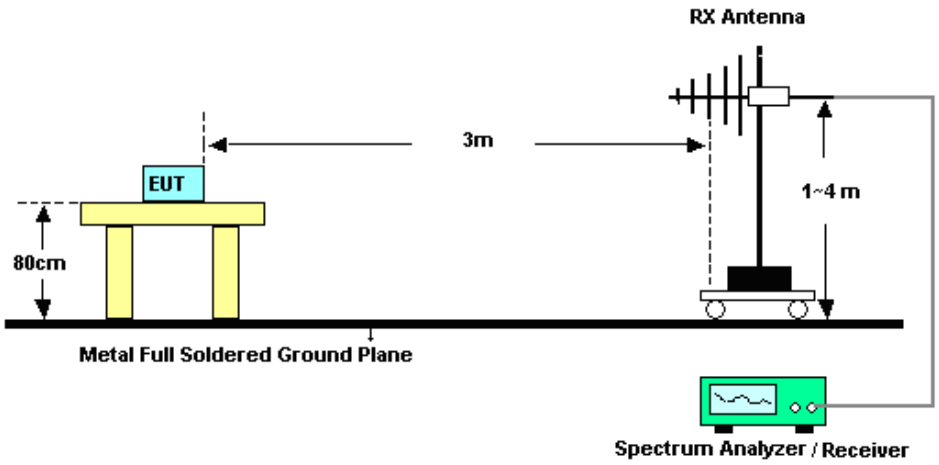
3.4.4 Test Setup

For radiated emissions below 30MHz



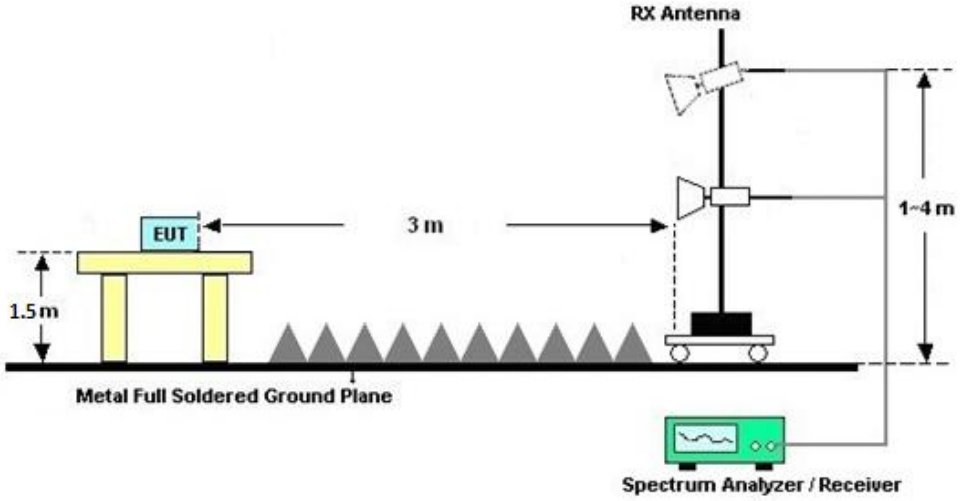
For radiated emissions from 30MHz to 1GHz

<CDD Mode>



For radiated emissions above 1GHz

<CDD Mode>



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 semi-Anechoic chamber, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

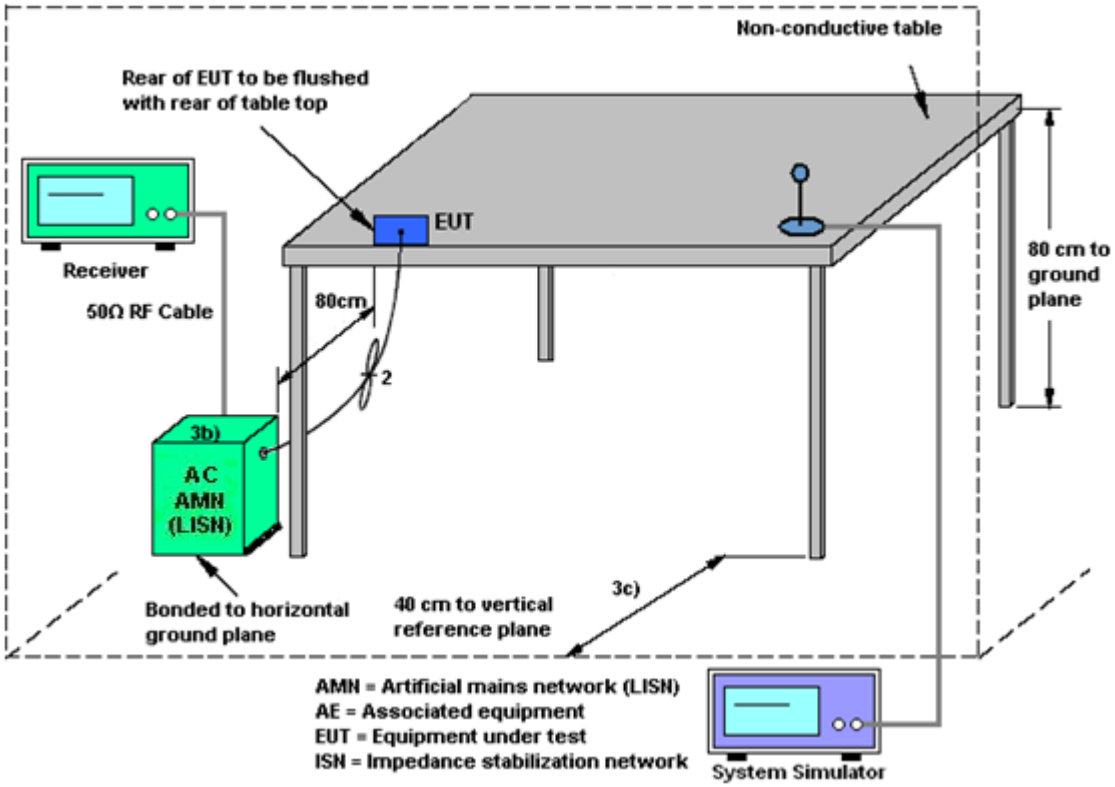
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 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 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = 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 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-0.70	0.00	0.00	2.67	0.00	0.00
Band II	-0.70	0.00	0.00	2.67	0.00	0.00
Band III	-0.70	0.00	0.00	2.67	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 14, 2021	Jun. 27, 2022~ Jun. 28, 2022	Oct. 13, 2022	Conducted (TH01-KS)
Pulse Power Senor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 05, 2022	Jun. 27, 2022~ Jun. 28, 2022	Jan. 04, 2023	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 05, 2022	Jun. 27, 2022~ Jun. 28, 2022	Jan. 04, 2023	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 16, 2021	Jul. 05, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY57471084	10Hz-44G,MAX 30dB	Jul. 12, 2021	Jul. 05, 2022	Jul. 11, 2022	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 30, 2021	Jul. 05, 2022	Oct. 29, 2022	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	Jun. 03, 2022	Jul. 05, 2022	Jun. 02, 2023	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	75957	1GHz~18GHz	Nov. 08, 2021	Jul. 05, 2022	Nov. 07, 2022	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101070	18GHz~40GHz	Jan. 05, 2022	Jul. 05, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 30, 2021	Jul. 05, 2022	Jul. 09, 2022	Radiation (03CH05-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2022	Jul. 05, 2022	Jan. 04, 2023	Radiation (03CH05-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2012228	1Ghz-18Ghz	Oct. 16, 2021	Jul. 05, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
Amplifier	Keysight	83017A	MY53270316	500MHz~26.5GHz	Oct. 16, 2021	Jul. 05, 2022	Oct. 15, 2022	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Jul. 05, 2022	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Jul. 05, 2022	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Jul. 05, 2022	NCR	Radiation (03CH05-KS)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Sep. 01, 2021	May 26, 2022	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Sep. 01, 2021	May 26, 2022	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 29, 2021	May 26, 2022	Oct. 28, 2022	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 14, 2021	May 26, 2022	Jul. 13, 2022	Conduction (CO01-SZ)

NCR: No Calibration Required

5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.94dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0dB**

---------- THE END ----------

Appendix A. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	Kib shi	Temperature:	21~25	°C
Test Date:	2022/6/27~2022/06/28	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.33	16.33	18.83	18.83	-		22.13			
11a	6Mbps	2	44	5220	16.33	16.33	18.83	19.08	-		22.13			
11a	6Mbps	2	48	5240	16.33	16.33	18.73	18.93	-		22.13			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	15.07	16.05	18.60	24.00		0.00			Pass
11a	6Mbps	2	44	5220	15.71	16.41	19.08	24.00		0.00			Pass
11a	6Mbps	2	48	5240	15.84	16.28	19.08	24.00		0.00			Pass
HT20	MCS0	2	36	5180	14.55	15.83	18.25	24.00		0.00			Pass
HT20	MCS0	2	44	5220	15.12	16.18	18.69	24.00		0.00			Pass
HT20	MCS0	2	48	5240	15.31	16.05	18.71	24.00		0.00			Pass
HT40	MCS0	2	38	5190	11.60	12.88	15.30	24.00		0.00			Pass
HT40	MCS0	2	46	5230	15.25	16.19	18.76	24.00		0.00			Pass
VHT20	MCS0	2	36	5180	14.66	15.92	18.35	24.00		0.00			Pass
VHT20	MCS0	2	44	5220	15.27	16.30	18.83	24.00		0.00			Pass
VHT20	MCS0	2	48	5240	15.40	16.16	18.81	24.00		0.00			Pass
VHT40	MCS0	2	38	5190	11.70	12.87	15.33	24.00		0.00			Pass
VHT40	MCS0	2	46	5230	15.34	16.22	18.81	24.00		0.00			Pass
VHT80	MCS0	2	42	5210	9.89	10.88	13.42	24.00		0.00			Pass
VHT160	MCS0	2	50	5250	8.43	8.68	11.57	24.00		0.00			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO													
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	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180			7.92	11.00		2.67			Pass
11a	6Mbps	2	44	5220			8.30	11.00		2.67			Pass
11a	6Mbps	2	48	5240			8.24	11.00		2.67			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.33	16.33	18.93	18.83	23.13		29.13		23.75		
11a	6Mbps	2	60	5300	16.28	16.33	18.83	18.83	23.12		29.12		23.75		
11a	6Mbps	2	64	5320	16.33	16.33	18.88	18.83	23.13		29.13		23.75		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	15.55	16.42	19.02	23.75		0.00		26.99	Pass
11a	6Mbps	2	60	5300	15.65	16.31	19.00	23.75		0.00		26.99	Pass
11a	6Mbps	2	64	5320	12.88	13.49	16.21	23.75		0.00		26.99	Pass
HT20	MCS0	2	52	5260	15.36	16.10	18.76	23.98		0.00		26.99	Pass
HT20	MCS0	2	60	5300	15.52	15.87	18.71	23.98		0.00		26.99	Pass
HT20	MCS0	2	64	5320	12.72	12.70	15.72	23.98		0.00		26.99	Pass
HT40	MCS0	2	54	5270	15.41	15.94	18.69	23.98		0.00		26.99	Pass
HT40	MCS0	2	62	5310	11.45	12.04	14.77	23.98		0.00		26.99	Pass
VHT20	MCS0	2	52	5260	15.48	16.18	18.85	23.98		0.00		26.99	Pass
VHT20	MCS0	2	60	5300	15.60	15.95	18.79	23.98		0.00		26.99	Pass
VHT20	MCS0	2	64	5320	12.79	12.84	15.83	23.98		0.00		26.99	Pass
VHT40	MCS0	2	54	5270	15.60	16.04	18.84	23.98		0.00		26.99	Pass
VHT40	MCS0	2	62	5310	11.55	12.07	14.83	23.98		0.00		26.99	Pass
VHT80	MCS0	2	58	5290	9.67	10.17	12.94	23.98		0.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO													
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	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			8.17	11.00		2.67			Pass
11a	6Mbps	2	60	5300			8.39	11.00		2.67			Pass
11a	6Mbps	2	64	5320			5.52	11.00		2.67			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.33	16.33	19.03	18.78	23.13		29.13		23.74		----	----
11a	6Mbps	2	116	5580	16.28	16.28	18.93	18.88	23.12		29.12		23.76		----	----
11a	6Mbps	2	140	5700	16.38	16.38	18.83	18.88	23.14		29.14		23.75		----	----

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	16.38	16.38	18.93	18.83	23.14		29.14		23.75		-	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	16.22	16.48	19.36	23.74		0.00		26.99	Pass
11a	6Mbps	2	116	5580	16.28	17.20	19.77	23.76		0.00		26.99	Pass
11a	6Mbps	2	140	5700	11.12	12.70	14.99	23.75		0.00		26.99	Pass
HT20	MCS0	2	100	5500	15.44	15.78	18.62	23.98		0.00		26.99	Pass
HT20	MCS0	2	116	5580	15.76	16.59	19.21	23.98		0.00		26.99	Pass
HT20	MCS0	2	140	5700	10.79	12.65	14.83	23.98		0.00		26.99	Pass
HT40	MCS0	2	102	5510	13.36	13.44	16.41	23.98		0.00		26.99	Pass
HT40	MCS0	2	110	5550	15.32	15.99	18.68	23.98		0.00		26.99	Pass
HT40	MCS0	2	134	5670	13.04	14.55	16.87	23.98		0.00		26.99	Pass
VHT20	MCS0	2	100	5500	15.84	15.94	18.90	23.98		0.00		26.99	Pass
VHT20	MCS0	2	116	5580	15.81	16.71	19.29	23.98		0.00		26.99	Pass
VHT20	MCS0	2	140	5700	10.86	11.66	14.29	23.98		0.00		26.99	Pass
VHT40	MCS0	2	102	5510	13.40	13.56	16.49	23.98		0.00		26.99	Pass
VHT40	MCS0	2	110	5550	15.39	15.95	18.69	23.98		0.00		26.99	Pass
VHT40	MCS0	2	134	5670	13.05	14.63	16.92	23.98		0.00		26.99	Pass
VHT80	MCS0	2	106	5530	10.54	10.78	13.67	23.98		0.00		26.99	Pass
VHT80	MCS0	2	122	5610	13.52	14.75	17.19	23.98		0.00		26.99	Pass
VHT160	MCS0	2	114	5570	6.75	7.62	10.22	23.98		0.00		26.99	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	11.19	12.11	14.68	23.75		0.00		26.99	Pass
HT20	MCS0	2	144	5720	10.60	12.78	14.84	23.98		0.00		26.99	Pass
HT40	MCS0	2	142	5710	14.99	16.16	18.62	23.98		0.00		26.99	Pass
VHT20	MCS0	2	144	5720	10.69	11.58	14.17	23.98		0.00		26.99	Pass
VHT40	MCS0	2	142	5710	15.12	16.28	18.75	23.98		0.00		26.99	Pass
VHT80	MCS0	2	138	5690	13.65	14.84	17.30	23.98		0.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO													
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	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500			8.77	11.00		2.67			Pass
11a	6Mbps	2	116	5580			9.41	11.00		2.67			Pass
11a	6Mbps	2	140	5700			3.59	11.00		2.67			Pass

U-NII-2C straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720			3.04	11.00		2.67			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	18.83	18.83	20.68	20.73	-		22.75			
HE20	MCS0	2	44	5220	Full	18.83	18.88	20.73	20.63	-		22.75			
HE20	MCS0	2	48	5240	Full	18.83	18.83	20.58	20.98	-		22.75			
HE40	MCS0	2	38	5190	Full	37.76	37.66	40.19	39.92	-		23.01			
HE40	MCS0	2	46	5230	Full	37.86	37.66	40.10	40.01	-		23.01			
HE80	MCS0	2	42	5210	Full	76.72	76.60	80.56	81.20	-		23.01			
HE160	MCS0	2	50	5250	Full	155.36	155.60	165.27	164.00	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	14.82	15.95	18.43	24.00		0.00			Pass
HE20	MCS0	2	36	5180	26/0	9.47	9.79	12.64	24.00		0.00			Pass
HE20	MCS0	2	36	5180	52/37	11.55	11.44	14.51	24.00		0.00			Pass
HE20	MCS0	2	36	5180	106/53	11.41	11.69	14.56	24.00		0.00			Pass
HE20	MCS0	2	44	5220	Full	15.31	16.36	18.88	24.00		0.00			Pass
HE20	MCS0	2	44	5220	26/4	9.50	9.64	12.58	24.00		0.00			Pass
HE20	MCS0	2	44	5220	52/39	12.39	13.08	15.76	24.00		0.00			Pass
HE20	MCS0	2	44	5220	106/53	14.64	14.67	17.67	24.00		0.00			Pass
HE20	MCS0	2	48	5240	Full	15.48	16.30	18.92	24.00		0.00			Pass
HE20	MCS0	2	48	5240	26/8	9.71	11.34	13.61	24.00		0.00			Pass
HE20	MCS0	2	48	5240	52/40	12.37	12.98	15.70	24.00		0.00			Pass
HE20	MCS0	2	48	5240	106/54	14.62	14.46	17.55	24.00		0.00			Pass
HE40	MCS0	2	38	5190	Full	11.89	12.98	15.48	24.00		0.00			Pass
HE40	MCS0	2	38	5190	242/61	11.39	11.88	14.65	24.00		0.00			Pass
HE40	MCS0	2	46	5230	Full	16.00	16.73	19.39	24.00		0.00			Pass
HE40	MCS0	2	46	5230	242/62	14.08	13.85	16.98	24.00		0.00			Pass
HE80	MCS0	2	42	5210	Full	9.99	10.92	13.49	24.00		0.00			Pass
HE80	MCS0	2	42	5210	484/65	9.67	9.88	12.79	24.00		0.00			Pass
HE160	MCS0	2	50	5250	Full	8.47	9.05	11.78	24.00		0.00			Pass
HE160	MCS0	2	50	5250	996/67	6.44	6.12	9.29	24.00		0.00			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full			7.07	11.00		2.67			Pass
HE20	MCS0	2	36	5180	26/0			7.51	11.00		2.67			Pass
HE20	MCS0	2	36	5180	52/37			7.33	11.00		2.67			Pass
HE20	MCS0	2	36	5180	106/53			4.53	11.00		2.67			Pass
HE20	MCS0	2	44	5220	Full			6.89	11.00		2.67			Pass
HE20	MCS0	2	44	5220	26/4			6.97	11.00		2.67			Pass
HE20	MCS0	2	44	5220	52/39			8.51	11.00		2.67			Pass
HE20	MCS0	2	44	5220	106/53			7.32	11.00		2.67			Pass
HE20	MCS0	2	48	5240	Full			7.41	11.00		2.67			Pass
HE20	MCS0	2	48	5240	26/8			9.31	11.00		2.67			Pass
HE20	MCS0	2	48	5240	52/40			8.42	11.00		2.67			Pass
HE20	MCS0	2	48	5240	106/54			7.12	11.00		2.67			Pass
HE40	MCS0	2	38	5190	Full			1.16	11.00		2.67			Pass
HE40	MCS0	2	38	5190	242/61			0.85	11.00		2.67			Pass
HE40	MCS0	2	46	5230	Full			4.97	11.00		2.67			Pass
HE40	MCS0	2	46	5230	242/62			3.68	11.00		2.67			Pass
HE80	MCS0	2	42	5210	Full			-2.76	11.00		2.67			Pass
HE80	MCS0	2	42	5210	484/65			-4.33	11.00		2.67			Pass
HE160	MCS0	2	50	5250	Full			-7.90	11.00		2.67			Pass
HE160	MCS0	2	50	5250	996/67			-10.74	11.00		2.67			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	18.83	18.83	20.98	20.83	23.75		29.75		23.98		
HE20	MCS0	2	60	5300	Full	18.83	18.88	20.83	20.68	23.75		29.75		23.98		
HE20	MCS0	2	64	5320	Full	18.88	18.88	20.63	20.68	23.76		29.76		23.98		
HE40	MCS0	2	54	5270	Full	37.76	37.76	40.10	40.10	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.86	37.76	40.28	39.92	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	76.72	76.84	81.36	81.36	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	15.53	16.30	18.94	23.98		0.00		26.99	Pass
HE20	MCS0	2	52	5260	26/0	9.22	9.37	12.31	23.98		0.00		26.99	Pass
HE20	MCS0	2	52	5260	52/37	12.53	12.48	15.52	23.98		0.00		26.99	Pass
HE20	MCS0	2	52	5260	106/53	14.26	13.74	17.02	23.98		0.00		26.99	Pass
HE20	MCS0	2	60	5300	Full	15.68	16.06	18.88	23.98		0.00		26.99	Pass
HE20	MCS0	2	60	5300	26/4	9.62	9.19	12.42	23.98		0.00		26.99	Pass
HE20	MCS0	2	60	5300	52/39	10.71	10.55	13.64	23.98		0.00		26.99	Pass
HE20	MCS0	2	60	5300	106/54	11.10	10.66	13.90	23.98		0.00		26.99	Pass
HE20	MCS0	2	64	5320	Full	12.85	12.88	15.88	23.98		0.00		26.99	Pass
HE20	MCS0	2	64	5320	26/8	9.11	9.84	12.50	23.98		0.00		26.99	Pass
HE20	MCS0	2	64	5320	52/40	10.81	10.62	13.73	23.98		0.00		26.99	Pass
HE20	MCS0	2	64	5320	106/54	11.60	11.04	14.34	23.98		0.00		26.99	Pass
HE40	MCS0	2	54	5270	Full	16.08	16.05	19.08	23.98		0.00		26.99	Pass
HE40	MCS0	2	54	5270	242/61	14.28	13.62	16.97	23.98		0.00		26.99	Pass
HE40	MCS0	2	62	5310	Full	11.74	12.20	14.99	23.98		0.00		26.99	Pass
HE40	MCS0	2	62	5310	242/62	11.31	10.72	14.04	23.98		0.00		26.99	Pass
HE80	MCS0	2	58	5290	Full	9.77	10.29	13.05	23.98		0.00		26.99	Pass
HE80	MCS0	2	58	5290	484/66	7.75	6.96	10.38	23.98		0.00		26.99	Pass
HE160	MCS0	2	50	5250	996/S67	6.42	6.15	9.30	23.98		0.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full			7.34	11.00		2.67			Pass
HE20	MCS0	2	52	5260	26/0			7.91	11.00		2.67			Pass
HE20	MCS0	2	52	5260	52/37			8.12	11.00		2.67			Pass
HE20	MCS0	2	52	5260	106/53			6.48	11.00		2.67			Pass
HE20	MCS0	2	60	5300	Full			6.68	11.00		2.67			Pass
HE20	MCS0	2	60	5300	26/4			6.50	11.00		2.67			Pass
HE20	MCS0	2	60	5300	52/39			6.31	11.00		2.67			Pass
HE20	MCS0	2	60	5300	106/54			3.46	11.00		2.67			Pass
HE20	MCS0	2	64	5320	Full			4.29	11.00		2.67			Pass
HE20	MCS0	2	64	5320	26/8			8.27	11.00		2.67			Pass
HE20	MCS0	2	64	5320	52/40			6.33	11.00		2.67			Pass
HE20	MCS0	2	64	5320	106/54			3.35	11.00		2.67			Pass
HE40	MCS0	2	54	5270	Full			4.66	11.00		2.67			Pass
HE40	MCS0	2	54	5270	242/61			3.21	11.00		2.67			Pass
HE40	MCS0	2	62	5310	Full			0.85	11.00		2.67			Pass
HE40	MCS0	2	62	5310	242/62			0.19	11.00		2.67			Pass
HE80	MCS0	2	58	5290	Full			-3.48	11.00		2.67			Pass
HE80	MCS0	2	58	5290	484/66			-6.63	11.00		2.67			Pass
HE160	MCS0	2	50	5250	996/S67			-10.34	11.00		2.67			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.83	18.83	20.73	20.68	23.75		29.75		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.88	18.88	20.73	20.68	23.76		29.76		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.78	18.78	20.38	20.83	23.74		29.74		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.76	37.76	40.28	40.46	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.66	37.76	40.10	40.10	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.56	37.56	40.19	40.19	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	76.60	76.72	81.20	81.20	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	76.72	76.84	81.52	80.88	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	155.36	155.36	163.04	164.00	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	18.83	18.78	21.03	20.83	23.74		29.74		23.98		-	-
HE40	MCS0	2	142	5710	Full	37.66	37.56	40.19	40.28	23.98		30.00		23.98		-	-
HE80	MCS0	2	138	5690	Full	76.60	76.60	81.20	81.36	23.98		30.00		23.98		-	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	15.89	16.07	18.99	23.98		0.00		26.99	Pass
HE20	MCS0	2	100	5500	26/0	9.65	9.35	12.51	23.98		0.00		26.99	Pass
HE20	MCS0	2	100	5500	52/37	12.88	12.28	15.60	23.98		0.00		26.99	Pass
HE20	MCS0	2	100	5500	106/53	12.92	12.49	15.72	23.98		0.00		26.99	Pass
HE20	MCS0	2	116	5580	Full	15.82	16.82	19.36	23.98		0.00		26.99	Pass
HE20	MCS0	2	116	5580	26/4	9.18	9.08	12.14	23.98		0.00		26.99	Pass
HE20	MCS0	2	116	5580	52/38	12.05	12.22	15.15	23.98		0.00		26.99	Pass
HE20	MCS0	2	116	5580	106/53	13.88	13.35	16.63	23.98		0.00		26.99	Pass
HE20	MCS0	2	140	5700	Full	10.92	12.82	14.98	23.98		0.00		26.99	Pass
HE20	MCS0	2	140	5700	26/8	9.22	10.69	13.03	23.98		0.00		26.99	Pass
HE20	MCS0	2	140	5700	52/40	12.43	13.87	16.22	23.98		0.00		26.99	Pass
HE20	MCS0	2	140	5700	106/54	13.84	14.48	17.18	23.98		0.00		26.99	Pass
HE40	MCS0	2	102	5510	Full	13.61	13.99	16.81	23.98		0.00		26.99	Pass
HE40	MCS0	2	102	5510	242/61	12.14	12.85	15.52	23.98		0.00		26.99	Pass
HE40	MCS0	2	110	5550	Full	15.52	16.01	18.78	23.98		0.00		26.99	Pass
HE40	MCS0	2	110	5550	242/61	14.09	13.59	16.86	23.98		0.00		26.99	Pass
HE40	MCS0	2	134	5670	Full	13.26	14.72	17.06	23.98		0.00		26.99	Pass
HE40	MCS0	2	134	5670	242/62	12.07	12.63	15.37	23.98		0.00		26.99	Pass
HE80	MCS0	2	106	5530	Full	10.57	10.82	13.71	23.98		0.00		26.99	Pass
HE80	MCS0	2	106	5530	484/65	9.05	8.14	11.63	23.98		0.00		26.99	Pass
HE80	MCS0	2	122	5610	Full	13.62	14.83	17.28	23.98		0.00		26.99	Pass
HE80	MCS0	2	122	5610	484/66	13.75	13.89	16.83	23.98		0.00		26.99	Pass
HE160	MCS0	2	114	5570	Full	7.02	7.81	10.44	23.98		0.00		26.99	Pass
HE160	MCS0	2	114	5570	996/67	4.97	4.34	7.68	23.98		0.00		26.99	Pass
HE160	MCS0	2	114	5570	996/S67	4.94	4.32	7.65	23.98		0.00		26.99	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	10.88	12.79	14.95	23.98		0.00		26.99	Pass
HE20	MCS0	2	144	5720	26/8	9.28	9.79	12.55	23.98		0.00		26.99	Pass
HE20	MCS0	2	144	5720	52/40	12.19	12.89	15.56	23.98		0.00		26.99	Pass
HE20	MCS0	2	144	5720	106/54	14.37	14.84	17.62	23.98		0.00		26.99	Pass
HE40	MCS0	2	142	5710	Full	15.12	16.32	18.77	23.98		0.00		26.99	Pass
HE40	MCS0	2	142	5710	242/62	11.11	11.75	14.45	23.98		0.00		26.99	Pass
HE80	MCS0	2	138	5690	Full	13.76	14.99	17.43	23.98		0.00		26.99	Pass
HE80	MCS0	2	138	5690	484/66	13.05	13.27	16.17	23.98		0.00		26.99	Pass

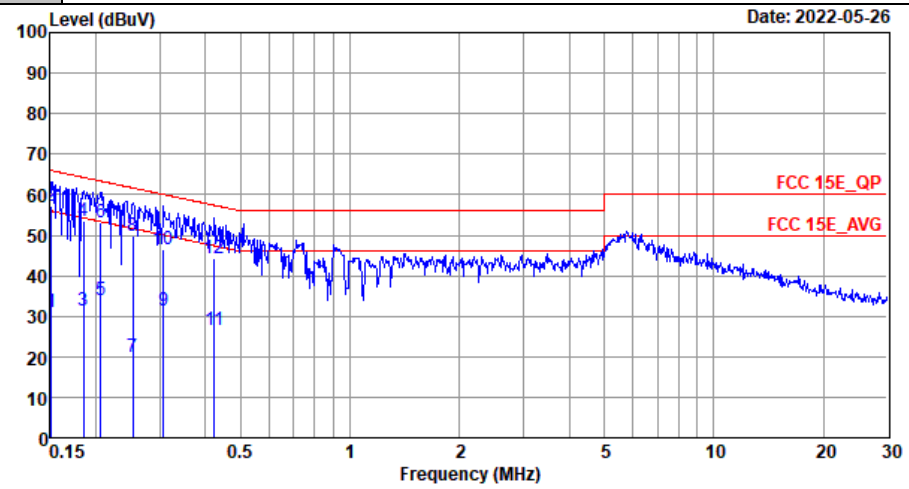
TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full			7.72	11.00		2.67			Pass
HE20	MCS0	2	100	5500	26/0			7.57	11.00		2.67			Pass
HE20	MCS0	2	100	5500	52/37			7.94	11.00		2.67			Pass
HE20	MCS0	2	100	5500	106/53			4.58	11.00		2.67			Pass
HE20	MCS0	2	116	5580	Full			7.92	11.00		2.67			Pass
HE20	MCS0	2	116	5580	26/4			5.98	11.00		2.67			Pass
HE20	MCS0	2	116	5580	52/38			8.26	11.00		2.67			Pass
HE20	MCS0	2	116	5580	106/53			5.59	11.00		2.67			Pass
HE20	MCS0	2	140	5700	Full			2.32	11.00		2.67			Pass
HE20	MCS0	2	140	5700	26/8			9.41	11.00		2.67			Pass
HE20	MCS0	2	140	5700	52/40			9.04	11.00		2.67			Pass
HE20	MCS0	2	140	5700	106/54			6.91	11.00		2.67			Pass
HE40	MCS0	2	102	5510	Full			2.63	11.00		2.67			Pass
HE40	MCS0	2	102	5510	242/61			1.98	11.00		2.67			Pass
HE40	MCS0	2	110	5550	Full			4.48	11.00		2.67			Pass
HE40	MCS0	2	110	5550	242/61			2.59	11.00		2.67			Pass
HE40	MCS0	2	134	5670	Full			2.18	11.00		2.67			Pass
HE40	MCS0	2	134	5670	242/62			1.86	11.00		2.67			Pass
HE80	MCS0	2	106	5530	Full			-2.68	11.00		2.67			Pass
HE80	MCS0	2	106	5530	484/65			-5.62	11.00		2.67			Pass
HE80	MCS0	2	122	5610	Full			0.56	11.00		2.67			Pass
HE80	MCS0	2	122	5610	484/66			-0.14	11.00		2.67			Pass
HE160	MCS0	2	114	5570	Full			-9.63	11.00		2.67			Pass
HE160	MCS0	2	114	5570	996/67			-11.19	11.00		2.67			Pass
HE160	MCS0	2	114	5570	996/S67			-11.91	11.00		2.67			Pass

U-NII-2C straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full			2.13	11.00		2.67			Pass
HE20	MCS0	2	144	5720	26/8			8.19	11.00		2.67			Pass
HE20	MCS0	2	144	5720	52/40			8.23	11.00		2.67			Pass
HE20	MCS0	2	144	5720	106/54			7.20	11.00		2.67			Pass
HE40	MCS0	2	142	5710	Full			3.94	11.00		2.67			Pass
HE40	MCS0	2	142	5710	242/62			4.32	11.00		2.67			Pass
HE80	MCS0	2	138	5690	Full			0.70	11.00		2.67			Pass
HE80	MCS0	2	138	5690	484/66			-0.57	11.00		2.67			Pass

Appendix B. AC Conducted Emission Test Results

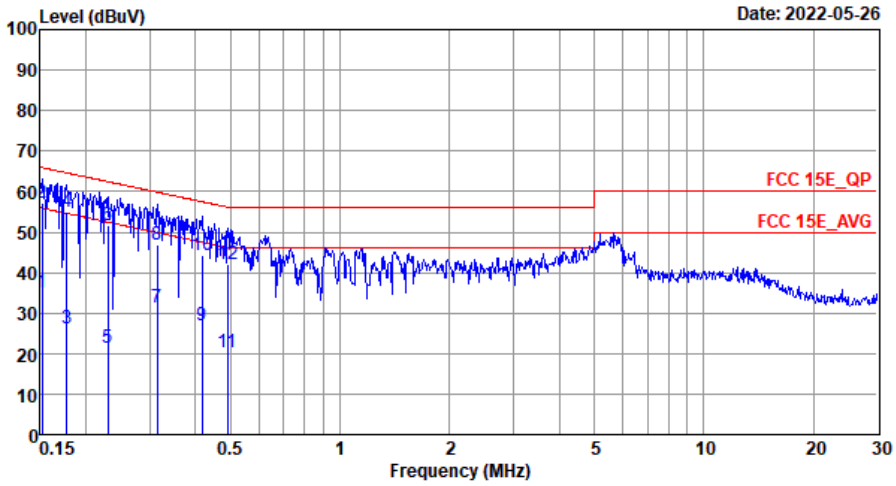
Test Engineer :	Lily Qiu	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
Condition: FCC 15E_QP LISN_20210901_L LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	30.85	-25.11	55.96	9.80	10.20	10.85	Average
2	*	0.15	57.25	-8.71	65.96	36.20	10.20	10.85	QP
3		0.19	31.43	-22.81	54.24	10.90	10.20	10.33	Average
4		0.19	53.53	-10.71	64.24	33.00	10.20	10.33	QP
5		0.21	33.81	-19.55	53.36	13.40	10.20	10.21	Average
6		0.21	53.11	-10.25	63.36	32.70	10.20	10.21	QP
7		0.25	19.97	-31.67	51.64	-0.80	10.18	10.59	Average
8		0.25	49.97	-11.67	61.64	29.20	10.18	10.59	QP
9		0.31	31.30	-18.76	50.06	10.20	10.15	10.95	Average
10		0.31	46.50	-13.56	60.06	25.40	10.15	10.95	QP
11		0.42	26.46	-20.91	47.37	4.79	10.11	11.56	Average
12		0.42	44.26	-13.11	57.37	22.59	10.11	11.56	QP

Test Engineer :	Lily Qiu	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
Condition: FCC 15E_QP LISN_20210901_N NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	35.14	-20.77	55.91	14.00	10.31	10.83	Average
2	*	0.15	57.24	-8.67	65.91	36.10	10.31	10.83	QP
3		0.18	26.22	-28.37	54.59	5.50	10.29	10.43	Average
4		0.18	55.02	-9.57	64.59	34.30	10.29	10.43	QP
5		0.23	21.48	-30.96	52.44	0.80	10.26	10.42	Average
6		0.23	51.58	-10.86	62.44	30.90	10.26	10.42	QP
7		0.31	31.49	-18.35	49.84	10.29	10.20	11.00	Average
8		0.31	46.89	-12.95	59.84	25.69	10.20	11.00	QP
9		0.42	27.12	-20.39	47.51	5.40	10.19	11.53	Average
10		0.42	44.32	-13.19	57.51	22.60	10.19	11.53	QP
11		0.49	20.32	-25.82	46.14	-1.70	10.19	11.83	Average
12		0.49	42.22	-13.92	56.14	20.20	10.19	11.83	QP

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission

UNII-1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5142.24	55.46	-18.54	74	47.17	34.42	10.6	36.73	100	116	P	H
		5147.2	44.55	-9.45	54	36.26	34.42	10.6	36.73	100	116	A	H
	*	5182	107.13	-	-	98.73	34.45	10.64	36.69	100	116	P	H
		5182	100.59	-	-	92.19	34.45	10.64	36.69	100	116	A	H
		5142.56	50.53	-23.47	74	42.24	34.42	10.6	36.73	301	75	P	V
		5148	41.9	-12.1	54	33.61	34.42	10.6	36.73	301	75	A	V
	*	5182	103.47	-	-	95.07	34.45	10.64	36.69	301	75	P	V
		5182	96.8	-	-	88.4	34.45	10.64	36.69	301	75	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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		10355	45.03	-23.27	68.3	59.24	37.38	15.44	67.03	300	0	P	H
		10355	44.96	-23.34	68.3	59.17	37.38	15.44	67.03	100	0	P	V
802.11a CH 44 5220MHz		10443	44.68	-23.62	68.3	58.69	37.45	15.53	66.99	300	0	P	H
		10443	45.56	-22.74	68.3	59.57	37.45	15.53	66.99	100	0	P	V
802.11a CH 48 5240MHz		10476	44.26	-24.04	68.3	58.2	37.47	15.56	66.97	300	0	P	H
		10476	44.99	-23.31	68.3	58.93	37.47	15.56	66.97	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

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

WIFI Ant. 0+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)
		5144.32	50.12	-23.88	74	41.83	34.42	10.6	36.73	104	241	P	H
		5150	39.46	-14.54	54	31.17	34.42	10.6	36.73	104	241	A	H
802.11ax	*	5170	106.07	-	-	97.73	34.43	10.62	36.71	104	241	P	H
HE20 Full		5170	99.27	-	-	90.93	34.43	10.62	36.71	104	241	A	H
CH 36		5143.04	48.81	-25.19	74	40.52	34.42	10.6	36.73	300	100	P	V
5180MHz		5100	39.05	-14.95	54	30.89	34.38	10.56	36.78	300	100	A	V
	*	5176	103.08	-	-	94.68	34.45	10.64	36.69	300	100	P	V
		5176	95.27	-	-	86.87	34.45	10.64	36.69	300	100	A	V
		5353.2	46.74	-27.26	74	37.93	34.58	10.75	36.52	108	121	P	H
		5351.76	37.64	-16.36	54	28.83	34.58	10.75	36.52	108	121	A	H
802.11ax	*	5242	111.2	-	-	102.64	34.5	10.68	36.62	108	121	P	H
HE20 Full		5242	102.03	-	-	93.47	34.5	10.68	36.62	108	121	A	H
CH 48		5357.34	46.46	-27.54	74	37.65	34.58	10.75	36.52	299	71	P	V
5240MHz		5350.14	37.23	-16.77	54	28.42	34.58	10.75	36.52	299	71	A	V
	*	5248	107.7	-	-	99.13	34.5	10.69	36.62	299	71	P	V
		5248	97.84	-	-	89.27	34.5	10.69	36.62	299	71	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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		10355	46.07	-22.23	68.3	60.28	37.38	15.44	67.03	300	0	P	H
		10355	44.44	-23.86	68.3	58.65	37.38	15.44	67.03	100	0	P	V
802.11ax HE20 Full CH 44 5220MHz		10443	44.63	-23.67	68.3	58.64	37.45	15.53	66.99	300	0	P	H
		10443	44.2	-24.1	68.3	58.21	37.45	15.53	66.99	100	0	P	V
802.11ax HE20 Full CH 48 5240MHz		10476	44.64	-23.66	68.3	58.58	37.47	15.56	66.97	300	0	P	H
		10476	44.19	-24.11	68.3	58.13	37.47	15.56	66.97	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

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

WIFI Ant. 0+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 Partial 26/0 CH 36 5180MHz		5119.68	49.02	-24.98	74	40.81	34.39	10.58	36.76	100	235	P	H
		5146.08	39.21	-14.79	54	30.92	34.42	10.6	36.73	100	235	A	H
		5170	108.07	-	-	99.73	34.43	10.62	36.71	100	235	P	H
		5170	102.54	-	-	94.2	34.43	10.62	36.71	100	235	A	H
		5130.08	48.54	-25.46	74	40.29	34.41	10.58	36.74	262	79	P	V
		5112.96	39	-15	54	30.81	34.39	10.56	36.76	262	79	A	V
		5170	104.65	-	-	96.31	34.43	10.62	36.71	262	79	P	V
		5170	98.08	-	-	89.74	34.43	10.62	36.71	262	79	A	V
802.11ax HE20 Partial 26/8 CH 48 5240MHz		5356.26	46.31	-27.69	74	37.5	34.58	10.75	36.52	100	216	P	H
		5351.58	37.27	-16.73	54	28.46	34.58	10.75	36.52	100	216	A	H
		5248	106.06	-	-	97.49	34.5	10.69	36.62	100	216	P	H
		5248	96.76	-	-	88.19	34.5	10.69	36.62	100	216	A	H
		5374.44	47.2	-26.8	74	38.36	34.59	10.76	36.51	347	63	P	V
		5354.64	37.08	-16.92	54	28.27	34.58	10.75	36.52	347	63	A	V
		5248	103.11	-	-	94.54	34.5	10.69	36.62	347	63	P	V
		5248	96.72	-	-	88.15	34.5	10.69	36.62	347	63	A	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 26/0 CH 36 5180MHz		10355	45.14	-23.16	68.3	59.35	37.38	15.44	67.03	300	0	P	H
		10355	44.59	-23.71	68.3	58.8	37.38	15.44	67.03	100	0	P	V
802.11ax HE20 Partial 26/4 CH 44 5220MHz		10443	44.57	-23.73	68.3	58.58	37.45	15.53	66.99	300	0	P	H
		10443	45.28	-23.02	68.3	59.29	37.45	15.53	66.99	100	0	P	V
802.11ax HE20 Partial 26/8 CH 48 5240MHz		10476	44.37	-23.93	68.3	58.31	37.47	15.56	66.97	300	0	P	H
		10476	44.69	-23.61	68.3	58.63	37.47	15.56	66.97	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 52/37 CH 36 5180MHz		5124.48	49.6	-24.4	74	41.35	34.41	10.58	36.74	100	242	P	H
		5141.6	39.91	-14.09	54	31.62	34.42	10.6	36.73	100	242	A	H
		5176	109.59	-	-	101.19	34.45	10.64	36.69	100	242	P	H
		5176	101.86	-	-	93.46	34.45	10.64	36.69	100	242	A	H
		5123.68	48.78	-25.22	74	40.53	34.41	10.58	36.74	302	94	P	V
		5144.48	39.15	-14.85	54	30.86	34.42	10.6	36.73	302	94	A	V
		5176	105.25	-	-	96.85	34.45	10.64	36.69	302	94	P	V
		5176	97.97	-	-	89.57	34.45	10.64	36.69	302	94	A	V
802.11ax HE20 Partial 52/40 CH 48 5240MHz		5400	47.19	-26.81	74	38.26	34.62	10.78	36.47	115	214	P	H
		5352.48	37.49	-16.51	54	28.68	34.58	10.75	36.52	115	214	A	H
		5248	107.65	-	-	99.08	34.5	10.69	36.62	115	214	P	H
		5248	100.49	-	-	91.92	34.5	10.69	36.62	115	214	A	H
		5384.88	47.14	-26.86	74	38.25	34.61	10.77	36.49	299	74	P	V
		5351.94	37.39	-16.61	54	28.58	34.58	10.75	36.52	299	74	A	V
		5248	104.78	-	-	96.21	34.5	10.69	36.62	299	74	P	V
		5248	98.7	-	-	90.13	34.5	10.69	36.62	299	74	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 52/37 CH 36 5180MHz		10355	45.5	-22.8	68.3	59.71	37.38	15.44	67.03	300	0	P	H
		10355	45.13	-23.17	68.3	59.34	37.38	15.44	67.03	100	0	P	V
802.11ax HE20 Partial 52/38 CH 44 5220MHz		10443	44.69	-23.61	68.3	58.7	37.45	15.53	66.99	300	0	P	H
		10443	44.77	-23.53	68.3	58.78	37.45	15.53	66.99	100	0	P	V
802.11ax HE20 Partial 52/40 CH 48 5240MHz		10476	45.02	-23.28	68.3	58.96	37.47	15.56	66.97	300	0	P	H
		10476	44.62	-23.68	68.3	58.56	37.47	15.56	66.97	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 106/53 CH 36 5180MHz		5144.32	50.12	-23.88	74	41.83	34.42	10.6	36.73	104	241	P	H
		5150	39.46	-14.54	54	31.17	34.42	10.6	36.73	104	241	A	H
		5170	106.07	-	-	97.73	34.43	10.62	36.71	104	241	P	H
		5170	99.27	-	-	90.93	34.43	10.62	36.71	104	241	A	H
		5143.04	48.81	-25.19	74	40.52	34.42	10.6	36.73	300	100	P	V
		5100	39.05	-14.95	54	30.89	34.38	10.56	36.78	300	100	A	V
		5176	103.08	-	-	94.68	34.45	10.64	36.69	300	100	P	V
		5176	95.27	-	-	86.87	34.45	10.64	36.69	300	100	A	V
802.11ax HE20 Partial 106/54 CH 48 5240MHz		5353.2	46.74	-27.26	74	37.93	34.58	10.75	36.52	108	121	P	H
		5351.76	37.64	-16.36	54	28.83	34.58	10.75	36.52	108	121	A	H
		5242	111.2	-	-	102.64	34.5	10.68	36.62	108	121	P	H
		5242	102.03	-	-	93.47	34.5	10.68	36.62	108	121	A	H
		5357.34	46.46	-27.54	74	37.65	34.58	10.75	36.52	299	71	P	V
		5350.14	37.23	-16.77	54	28.42	34.58	10.75	36.52	299	71	A	V
		5248	107.7	-	-	99.13	34.5	10.69	36.62	299	71	P	V
		5248	97.84	-	-	89.27	34.5	10.69	36.62	299	71	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 106/53 CH 36 5180MHz		10355	46.07	-22.23	68.3	60.28	37.38	15.44	67.03	300	0	P	H
		10355	44.44	-23.86	68.3	58.65	37.38	15.44	67.03	100	0	P	V
802.11ax HE20 Partial 106/53 CH 44 5220MHz		10443	44.63	-23.67	68.3	58.64	37.45	15.53	66.99	300	0	P	H
		10443	44.2	-24.1	68.3	58.21	37.45	15.53	66.99	100	0	P	V
802.11ax HE20 Partial 106/54 CH 48 5240MHz		10476	44.64	-23.66	68.3	58.58	37.47	15.56	66.97	300	0	P	H
		10476	44.19	-24.11	68.3	58.13	37.47	15.56	66.97	100	0	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

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

WIFI Ant. 0+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		5149.92	56.87	-17.13	74	48.58	34.42	10.6	36.73	108	236	P	H
		5149.8	47.23	-6.77	54	38.94	34.42	10.6	36.73	108	236	A	H
	*	5194	104.06	-	-	95.62	34.46	10.66	36.68	108	236	P	H
		5194	95.25	-	-	86.81	34.46	10.66	36.68	108	236	A	H
		5392.62	46.97	-27.03	74	38.08	34.61	10.77	36.49	108	236	P	H
		5350.1	37.4	-16.6	54	28.59	34.58	10.75	36.52	108	236	A	H
		5143.68	54.72	-19.28	74	46.43	34.42	10.6	36.73	315	84	P	V
		5144.48	43.39	-10.61	54	35.1	34.42	10.6	36.73	315	84	A	V
	*	5194	100.3	-	-	91.86	34.46	10.66	36.68	315	84	P	V
		5194	91.95	-	-	83.51	34.46	10.66	36.68	315	84	A	V
		5369.76	47.47	-26.53	74	38.63	34.59	10.76	36.51	315	84	P	V
		5350.5	37.25	-16.75	54	28.44	34.58	10.75	36.52	315	84	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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		10377	44.66	-23.64	68.3	58.79	37.41	15.47	67.01	300	0	P	H
		10377	44.75	-23.55	68.3	58.88	37.41	15.47	67.01	100	0	P	V
802.11ax HE40 Full CH 46 5230MHz		10465	44.52	-23.78	68.3	58.48	37.47	15.54	66.97	300	0	P	H
		10465	44.3	-24	68.3	58.26	37.47	15.54	66.97	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 242/61 CH 38 5190MHz		5136.48	58.64	-15.36	74	50.37	34.41	10.6	36.74	101	117	P	H
		5141.28	44.81	-9.19	54	36.52	34.42	10.6	36.73	101	117	A	H
		5182	102.78	-	-	94.38	34.45	10.64	36.69	101	117	P	H
		5182	95.08	-	-	86.68	34.45	10.64	36.69	101	117	A	H
		5380.38	47.2	-26.8	74	38.31	34.61	10.77	36.49	101	117	P	H
		5354.28	37.59	-16.41	54	28.78	34.58	10.75	36.52	101	117	A	H
		5144.96	52.73	-21.27	74	44.44	34.42	10.6	36.73	304	84	P	V
		5141.12	43.11	-10.89	54	34.82	34.42	10.6	36.73	304	84	A	V
		5182	101.39	-	-	92.99	34.45	10.64	36.69	304	84	P	V
		5182	92.79	-	-	84.39	34.45	10.64	36.69	304	84	A	V
		5353.2	47.07	-26.93	74	38.26	34.58	10.75	36.52	304	84	P	V
		5368.5	37.25	-16.75	54	28.41	34.59	10.76	36.51	304	84	A	V
802.11ax HE40 Partial 242/62 CH 46 5230MHz		5146.56	52.64	-21.36	74	44.35	34.42	10.6	36.73	109	116	P	H
		5123.52	39.46	-14.54	54	31.21	34.41	10.58	36.74	109	116	A	H
		5236	105.34	-	-	96.81	34.49	10.68	36.64	109	116	P	H
		5236	98.71	-	-	90.18	34.49	10.68	36.64	109	116	A	H
		5349.96	48.2	-20.1	68.3	39.39	34.58	10.75	36.52	109	116	P	H
		5352.84	38.69	-15.31	54	29.88	34.58	10.75	36.52	109	116	A	H
		5125.44	49.5	-24.5	74	41.25	34.41	10.58	36.74	324	78	P	V
		5101.12	39.36	-14.64	54	31.2	34.38	10.56	36.78	324	78	A	V
		5242	102.64	-	-	94.08	34.5	10.68	36.62	324	78	P	V
		5242	95.65	-	-	87.09	34.5	10.68	36.62	324	78	A	V
		5354.82	46.71	-27.29	74	37.9	34.58	10.75	36.52	324	78	P	V
		5354.1	37.66	-16.34	54	28.85	34.58	10.75	36.52	324	78	A	V
Remark	No other spurious found. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 242 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 242/61 CH 38 5190MHz		10377	44.07	-24.23	68.3	58.2	37.41	15.47	67.01	300	0	P	H
		10377	44.84	-23.46	68.3	58.97	37.41	15.47	67.01	100	0	P	V
802.11ax HE40 Partial 242/62 CH 46 5230MHz		10465	44.24	-24.06	68.3	58.2	37.47	15.54	66.97	300	0	P	H
		10465	44.13	-24.17	68.3	58.09	37.47	15.54	66.97	100	0	P	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

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

WIFI Ant. 0+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)
		5141.44	52.58	-21.42	74	44.29	34.42	10.6	36.73	100	240	P	H
		5142.72	43.23	-10.77	54	34.94	34.42	10.6	36.73	100	240	A	H
	*	5212	99.29	-	-	90.81	34.47	10.67	36.66	100	240	P	H
		5212	90.61	-	-	82.13	34.47	10.67	36.66	100	240	A	H
802.11ax		5382.9	47.08	-26.92	74	38.19	34.61	10.77	36.49	100	240	P	H
HE80 Full		5352.84	37.9	-16.1	54	29.09	34.58	10.75	36.52	100	240	A	H
CH 42		5144.64	49.66	-24.34	74	41.37	34.42	10.6	36.73	314	81	P	V
5210MHz		5143.36	40.98	-13.02	54	32.69	34.42	10.6	36.73	314	81	A	V
	*	5212	95.64	-	-	87.16	34.47	10.67	36.66	314	81	P	V
		5212	87.42	-	-	78.94	34.47	10.67	36.66	314	81	A	V
		5369.76	46.52	-27.48	74	37.68	34.59	10.76	36.51	314	81	P	V
		5359.32	37.89	-16.11	54	29.08	34.58	10.75	36.52	314	81	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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		10421	44.63	-23.67	68.3	58.68	37.43	15.51	66.99	300	0	P	H
		10421	45.5	-22.8	68.3	59.55	37.43	15.51	66.99	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 42 5210MHz		5141.44	64	-10	74	55.71	34.42	10.6	36.73	100	244	P	H
		5144	49.23	-4.77	54	40.94	34.42	10.6	36.73	100	244	A	H
		5170	97.12	-	-	88.78	34.43	10.62	36.71	100	244	P	H
		5170	89.65	-	-	81.31	34.43	10.62	36.71	100	244	A	H
		5392.62	47.09	-26.91	74	38.2	34.61	10.77	36.49	100	244	P	H
		5352.48	38.19	-15.81	54	29.38	34.58	10.75	36.52	100	244	A	H
		5141.6	59.59	-14.41	74	51.3	34.42	10.6	36.73	287	80	P	V
		5145.44	47.16	-6.84	54	38.87	34.42	10.6	36.73	287	80	A	V
		5176	95.05	-	-	86.65	34.45	10.64	36.69	287	80	P	V
		5176	87.04	-	-	78.64	34.45	10.64	36.69	287	80	A	V
		5398.2	47.46	-26.54	74	38.54	34.62	10.77	36.47	287	80	P	V
		5362.2	37.86	-16.14	54	29.02	34.59	10.76	36.51	287	80	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 42 5210MHz		10421	44.62	-23.68	68.3	58.67	37.43	15.51	66.99	300	0	P	H
		10421	44.87	-23.43	68.3	58.92	37.43	15.51	66.99	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

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

WIFI Ant. 0+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		5134.56	52.6	-21.4	74	44.33	34.41	10.6	36.74	100	116	P	H
		5123.68	43.22	-10.78	54	34.97	34.41	10.58	36.74	100	116	A	H
	*	5242	97.36	-	-	88.8	34.5	10.68	36.62	100	116	P	H
		5242	86.85	-	-	78.29	34.5	10.68	36.62	100	116	A	H
		5381.7	56.56	-17.44	74	47.67	34.61	10.77	36.49	100	116	P	H
		5351.8	46.72	-7.28	54	37.91	34.58	10.75	36.52	100	116	A	H
		5124.64	53.37	-20.63	74	45.12	34.41	10.58	36.74	294	72	P	V
		5147.04	42.52	-11.48	54	34.23	34.42	10.6	36.73	294	72	A	V
	*	5242	92.01	-	-	83.45	34.5	10.68	36.62	294	72	P	V
		5242	84.44	-	-	75.88	34.5	10.68	36.62	294	72	A	V
		5385.7	51.25	-22.75	74	42.36	34.61	10.77	36.49	294	72	P	V
		5394.5	42.5	-11.5	54	33.61	34.61	10.77	36.49	294	72	A	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+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		10500	45.3	-23	68.3	59.17	37.5	15.58	66.95	300	0	P	H
		10500	44.72	-23.58	68.3	58.59	37.5	15.58	66.95	100	0	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 996/67 CH 50 5250MHz		5116.48	63.71	-10.29	74	55.5	34.39	10.58	36.76	104	241	P	H
		5121.12	48.73	-5.27	54	40.52	34.39	10.58	36.76	104	241	A	H
		5182	93.26	-	-	84.86	34.45	10.64	36.69	104	241	P	H
		5182	84.42	-	-	76.02	34.45	10.64	36.69	104	241	A	H
		5396.5	62.1	-11.9	74	53.18	34.62	10.77	36.47	104	241	P	H
		5397.4	48.2	-5.8	54	39.28	34.62	10.77	36.47	104	241	A	H
		5121.12	57.64	-16.36	74	49.43	34.39	10.58	36.76	286	80	P	V
		5122.4	44.61	-9.39	54	36.4	34.39	10.58	36.76	286	80	A	V
		5194	88.97	-	-	80.53	34.46	10.66	36.68	286	80	P	V
		5194	81.34	-	-	72.9	34.46	10.66	36.68	286	80	A	V
		5388.4	57.19	-16.81	74	48.3	34.61	10.77	36.49	286	80	P	V
		5392.1	44.07	-9.93	54	35.18	34.61	10.77	36.49	286	80	A	V
802.11ax HE160 Partial 996/S67 CH 50 5250MHz		5116.48	61.15	-12.85	74	52.94	34.39	10.58	36.76	100	115	P	H
		5121.28	47.34	-6.66	54	39.13	34.39	10.58	36.76	100	115	A	H
		5314	94.08	-	-	85.36	34.55	10.73	36.56	100	115	P	H
		5314	86.66	-	-	77.94	34.55	10.73	36.56	100	115	A	H
		5397.1	62.23	-11.77	74	53.31	34.62	10.77	36.47	100	115	P	H
		5392.1	49.06	-4.94	54	40.17	34.61	10.77	36.49	100	115	A	H
		5132	57.99	-16.01	74	49.74	34.41	10.58	36.74	302	87	P	V
		5121.28	44.8	-9.2	54	36.59	34.39	10.58	36.76	302	87	A	V
		5326	91.35	-	-	82.62	34.55	10.74	36.56	302	87	P	V
		5326	84.19	-	-	75.46	34.55	10.74	36.56	302	87	A	V
		5399	56.29	-17.71	74	47.36	34.62	10.78	36.47	302	87	P	V
		5355.1	45.58	-8.42	54	36.77	34.58	10.75	36.52	302	87	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

UNII-1 5150~5250MHz

WIFI 802.11ax HE160 Partial 996 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 996/67 CH 50 5250MHz		10498	44.56	-23.74	68.3	58.43	37.5	15.58	66.95	300	0	P	H
		10498	44.9	-23.4	68.3	58.77	37.5	15.58	66.95	100	0	P	V
802.11ax HE160 Partial 996/S67 CH 50 5250MHz		10498	44.59	-23.71	68.3	58.46	37.5	15.58	66.95	300	0	P	H
		10498	45.25	-23.05	68.3	59.12	37.5	15.58	66.95	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 64 5320MHz	*	5314	107.87	-	-	99.15	34.55	10.73	36.56	100	115	P	H
		5314	102.11	-	-	93.39	34.55	10.73	36.56	100	115	A	H
		5352.1	51.89	-22.11	74	43.08	34.58	10.75	36.52	100	115	P	H
		5350.7	42.33	-11.67	54	33.52	34.58	10.75	36.52	100	115	A	H
	*	5320	103.86	-	-	95.14	34.55	10.73	36.56	303	85	P	V
		5320	97.08	-	-	88.36	34.55	10.73	36.56	303	85	A	V
		5351.8	47.53	-26.47	74	38.72	34.58	10.75	36.52	303	85	P	V
		5350.1	39.09	-14.91	54	30.28	34.58	10.75	36.52	303	85	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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	44.5	-23.8	68.3	58.32	37.51	15.6	66.93	300	0	P	H
		10520	44.39	-23.91	68.3	58.21	37.51	15.6	66.93	100	0	P	V
		15778	53.27	-20.73	74	57.44	41.11	19.2	64.48	100	0	P	V
802.11a CH 60 5300MHz		10600.01	44.51	-29.49	74	58.13	37.56	15.67	66.85	300	0	P	H
		10600.01	44.18	-29.82	74	57.8	37.56	15.67	66.85	100	0	P	V
802.11a CH 64 5320MHz		10641	44.05	-29.95	74	57.59	37.58	15.7	66.82	300	0	P	H
		10641	44.55	-29.45	74	58.09	37.58	15.7	66.82	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

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

WIFI Ant. 0+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)
		5132.16	48.78	-25.22	74	40.53	34.41	10.58	36.74	100	117	P	H
		5104.32	38.94	-15.06	54	30.78	34.38	10.56	36.78	100	117	A	H
802.11ax	*	5254	110.34	-	-	101.77	34.5	10.69	36.62	100	117	P	H
HE20 Full		5254	102.55	-	-	93.98	34.5	10.69	36.62	100	117	A	H
CH 52		5107.52	49	-25	74	40.81	34.39	10.56	36.76	324	79	P	V
5260MHz		5103.52	38.98	-15.02	54	30.82	34.38	10.56	36.78	324	79	A	V
	*	5254	106.79	-	-	98.22	34.5	10.69	36.62	324	79	P	V
		5254	98.78	-	-	90.21	34.5	10.69	36.62	324	79	A	V
		5351.4	50.91	-23.09	74	42.1	34.58	10.75	36.52	100	120	P	H
		5350	39.43	-14.57	54	30.62	34.58	10.75	36.52	100	120	A	H
802.11ax	*	5326	108.64	-	-	99.91	34.55	10.74	36.56	100	120	P	H
HE20 Full		5326	100.38	-	-	91.65	34.55	10.74	36.56	100	120	A	H
CH 64		5351.6	52.57	-21.43	74	43.76	34.58	10.75	36.52	304	85	P	V
5320MHz		5350	37.66	-16.34	54	28.85	34.58	10.75	36.52	304	85	A	V
	*	5326	104.45	-	-	95.72	34.55	10.74	36.56	304	85	P	V
		5326	97.03	-	-	88.3	34.55	10.74	36.56	304	85	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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	44.62	-23.68	68.3	58.44	37.51	15.6	66.93	300	0	P	H
		10520	44.07	-24.23	68.3	57.89	37.51	15.6	66.93	100	0	P	V
802.11ax HE20 Full CH 60 5300MHz		10600.01	44.1	-29.9	74	57.72	37.56	15.67	66.85	300	0	P	H
		10600.01	43.95	-30.05	74	57.57	37.56	15.67	66.85	100	0	P	V
		10600.01	43.99	-30.01	74	57.61	37.56	15.67	66.85	100	0	P	V
802.11ax HE20 Full CH 64 5320MHz		10641	44.13	-29.87	74	57.67	37.58	15.7	66.82	300	0	P	H
		10641	44.7	-29.3	74	58.24	37.58	15.7	66.82	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2AA 5250~5350MHz

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

WIFI Ant. 0+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 Partial 26/0 CH 52 5260MHz		5116.64	48.75	-25.25	74	40.54	34.39	10.58	36.76	100	230	P	H
		5121.12	38.85	-15.15	54	30.64	34.39	10.58	36.76	100	230	A	H
		5254	109.28	-	-	100.71	34.5	10.69	36.62	100	230	P	H
		5254	102.99	-	-	94.42	34.5	10.69	36.62	100	230	A	H
		5104.16	48.19	-25.81	74	40.03	34.38	10.56	36.78	320	80	P	V
		5107.68	38.84	-15.16	54	30.65	34.39	10.56	36.76	320	80	A	V
		5254	104.87	-	-	96.3	34.5	10.69	36.62	320	80	P	V
		5254	98.67	-	-	90.1	34.5	10.69	36.62	320	80	A	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz		5350.5	49.2	-24.8	74	40.39	34.58	10.75	36.52	100	206	P	H
		5358.7	38.4	-15.6	54	29.59	34.58	10.75	36.52	100	206	A	H
		5326	109.52	-	-	100.79	34.55	10.74	36.56	100	206	P	H
		5326	102.73	-	-	94	34.55	10.74	36.56	100	206	A	H
		5351.7	49.58	-24.42	74	40.77	34.58	10.75	36.52	299	83	P	V
		5363.2	38.45	-15.55	54	29.61	34.59	10.76	36.51	299	83	A	V
		5326	105.43	-	-	96.7	34.55	10.74	36.56	299	83	P	V
		5326	98.38	-	-	89.65	34.55	10.74	36.56	299	83	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 26/0 CH 52 5260MHz		10520	44.58	-23.72	68.3	58.4	37.51	15.6	66.93	300	0	P	H
		10520	44.22	-24.08	68.3	58.04	37.51	15.6	66.93	100	0	P	V
802.11ax HE20 Partial 26/4 CH 60 5300MHz		10600.01	43.92	-30.08	74	57.54	37.56	15.67	66.85	300	0	P	H
		10600.01	44.32	-29.68	74	57.94	37.56	15.67	66.85	100	0	P	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz		10641	43.99	-30.01	74	57.53	37.58	15.7	66.82	300	0	P	H
		10641	44.24	-29.76	74	57.78	37.58	15.7	66.82	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2AA 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 52/37 CH 52 5260MHz		5137.92	48.8	-25.2	74	40.53	34.41	10.6	36.74	100	241	P	H
		5112.8	39.01	-14.99	54	30.82	34.39	10.56	36.76	100	241	A	H
		5254	111.4	-	-	102.83	34.5	10.69	36.62	100	241	P	H
		5254	103.17	-	-	94.6	34.5	10.69	36.62	100	241	A	H
		5138.08	49.86	-24.14	74	41.59	34.41	10.6	36.74	343	98	P	V
		5119.52	38.94	-15.06	54	30.73	34.39	10.58	36.76	343	98	A	V
		5254	106.33	-	-	97.76	34.5	10.69	36.62	343	98	P	V
		5254	99.66	-	-	91.09	34.5	10.69	36.62	343	98	A	V
802.11ax HE20 Partial 52/40 CH 64 5320MHz		5374.8	48.12	-25.88	74	39.28	34.59	10.76	36.51	100	206	P	H
		5351	38.36	-15.64	54	29.55	34.58	10.75	36.52	100	206	A	H
		5326	107.41	-	-	98.68	34.55	10.74	36.56	100	206	P	H
		5326	100.77	-	-	92.04	34.55	10.74	36.56	100	206	A	H
		5354.8	47.41	-26.59	74	38.6	34.58	10.75	36.52	302	84	P	V
		5352	38.16	-15.84	54	29.35	34.58	10.75	36.52	302	84	A	V
		5326	107.11	-	-	98.38	34.55	10.74	36.56	302	84	P	V
		5326	100.06	-	-	91.33	34.55	10.74	36.56	302	84	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 52/37 CH 52 5260MHz		10520	44.46	-23.84	68.3	58.28	37.51	15.6	66.93	300	0	P	H
		10520	44.43	-23.87	68.3	58.25	37.51	15.6	66.93	100	0	P	V
802.11ax HE20 Partial 52/38 CH 60 5300MHz		10600.01	43.82	-30.18	74	57.44	37.56	15.67	66.85	300	0	P	H
		10600.01	44.15	-29.85	74	57.77	37.56	15.67	66.85	100	0	P	V
802.11ax HE20 Partial 52/40 CH 64 5320MHz		10641	43.91	-30.09	74	57.45	37.58	15.7	66.82	300	0	P	H
		10641	44.24	-29.76	74	57.78	37.58	15.7	66.82	100	0	P	V
Remark	9. No other spurious found. 10. All results are PASS against Peak and Average limit line.												

UNII-2AA 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 106/53 CH 52 5260MHz		5132.16	48.78	-25.22	74	40.53	34.41	10.58	36.74	100	117	P	H
		5104.32	38.94	-15.06	54	30.78	34.38	10.56	36.78	100	117	A	H
		5254	110.34	-	-	101.77	34.5	10.69	36.62	100	117	P	H
		5254	102.55	-	-	93.98	34.5	10.69	36.62	100	117	A	H
		5107.52	49	-25	74	40.81	34.39	10.56	36.76	324	79	P	V
		5103.52	38.98	-15.02	54	30.82	34.38	10.56	36.78	324	79	A	V
		5254	106.79	-	-	98.22	34.5	10.69	36.62	324	79	P	V
		5254	98.78	-	-	90.21	34.5	10.69	36.62	324	79	A	V
802.11ax HE20 Partial 106/54 CH 64 5320MHz		5351.4	50.91	-23.09	74	42.1	34.58	10.75	36.52	100	120	P	H
		5350	39.43	-14.57	54	30.62	34.58	10.75	36.52	100	120	A	H
		5326	108.64	-	-	99.91	34.55	10.74	36.56	100	120	P	H
		5326	100.38	-	-	91.65	34.55	10.74	36.56	100	120	A	H
		5351.6	52.57	-21.43	74	43.76	34.58	10.75	36.52	304	85	P	V
		5350	37.66	-16.34	54	28.85	34.58	10.75	36.52	304	85	A	V
		5326	104.45	-	-	95.72	34.55	10.74	36.56	304	85	P	V
		5326	97.03	-	-	88.3	34.55	10.74	36.56	304	85	A	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 106/53 CH 52 5260MHz		10520	44.62	-23.68	68.3	58.44	37.51	15.6	66.93	300	0	P	H
		10520	44.07	-24.23	68.3	57.89	37.51	15.6	66.93	100	0	P	V
802.11ax HE20 Partial 106/53 CH 60 5300MHz		10600.01	44.1	-29.9	74	57.72	37.56	15.67	66.85	300	0	P	H
		10600.01	43.95	-30.05	74	57.57	37.56	15.67	66.85	100	0	P	V
802.11ax HE20 Partial 106/54 CH 64 5320MHz		10641	44.13	-29.87	74	57.67	37.58	15.7	66.82	300	0	P	H
		10641	44.7	-29.3	74	58.24	37.58	15.7	66.82	100	0	P	V
Remark	11. No other spurious found. 12. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

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

WIFI Ant. 0+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 62 5310MHz		5130.56	49.72	-24.28	74	41.47	34.41	10.58	36.74	101	115	P	H
		5110.4	38.99	-15.01	54	30.8	34.39	10.56	36.76	101	115	A	H
	*	5302	105.61	-	-	96.93	34.54	10.71	36.57	101	115	P	H
		5302	96.96	-	-	88.28	34.54	10.71	36.57	101	115	A	H
		5361.4	55.79	-18.21	74	46.95	34.59	10.76	36.51	101	115	P	H
		5352	46.29	-7.71	54	37.48	34.58	10.75	36.52	101	115	A	H
		5114.88	49.69	-24.31	74	41.48	34.39	10.58	36.76	304	87	P	V
		5100.16	38.95	-15.05	54	30.79	34.38	10.56	36.78	304	87	A	V
	*	5314	102.01	-	-	93.29	34.55	10.73	36.56	304	87	P	V
		5314	93.18	-	-	84.46	34.55	10.73	36.56	304	87	A	V
		5354.9	51.43	-22.57	74	42.62	34.58	10.75	36.52	304	87	P	V
		5354.2	42.14	-11.86	54	33.33	34.58	10.75	36.52	304	87	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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		10542	44.01	-24.29	68.3	57.79	37.52	15.62	66.92	300	0	P	H
		8430	47.7	-26.3	74	64.4	36.07	13.84	66.61	100	0	P	V
		10542	44.06	-24.24	68.3	57.84	37.52	15.62	66.92	100	0	P	V
802.11ax HE40 Full CH 62 5310MHz		10619	43.55	-30.45	74	57.13	37.57	15.69	66.84	300	0	P	H
		10619	44.05	-29.95	74	57.63	37.57	15.69	66.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 242/61 CH 54 5270MHz		5133.28	48.6	-25.4	74	40.33	34.41	10.6	36.74	100	115	P	H
		5118.4	39.13	-14.87	54	30.92	34.39	10.58	36.76	100	115	A	H
		5266	107.63	-	-	99.03	34.51	10.7	36.61	100	115	P	H
		5266	98.94	-	-	90.34	34.51	10.7	36.61	100	115	A	H
		5367	60.23	-13.77	74	51.39	34.59	10.76	36.51	100	115	P	H
		5352.2	44.2	-9.8	54	35.39	34.58	10.75	36.52	100	115	A	H
		5144.64	48.88	-25.12	74	40.59	34.42	10.6	36.73	296	72	P	V
		5111.2	39.09	-14.91	54	30.9	34.39	10.56	36.76	296	72	A	V
		5266	102.4	-	-	93.8	34.51	10.7	36.61	296	72	P	V
		5266	94.88	-	-	86.28	34.51	10.7	36.61	296	72	A	V
		5358.9	59.27	-14.73	74	50.46	34.58	10.75	36.52	296	72	P	V
		5352.3	41.11	-12.89	54	32.3	34.58	10.75	36.52	296	72	A	V
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5138.56	48.38	-25.62	74	40.11	34.41	10.6	36.74	100	115	P	H
		5121.12	39.05	-14.95	54	30.84	34.39	10.58	36.76	100	115	A	H
		5320	103.65	-	-	94.93	34.55	10.73	36.56	100	115	P	H
		5320	96.2	-	-	87.48	34.55	10.73	36.56	100	115	A	H
		5360.3	55.73	-18.27	74	46.92	34.58	10.75	36.52	100	115	P	H
		5352	49.47	-4.53	54	40.66	34.58	10.75	36.52	100	115	A	H
		5107.04	48.19	-25.81	74	40	34.39	10.56	36.76	300	84	P	V
		5101.44	39.01	-14.99	54	30.85	34.38	10.56	36.78	300	84	A	V
		5326	99.18	-	-	90.45	34.55	10.74	36.56	300	84	P	V
		5326	92.48	-	-	83.75	34.55	10.74	36.56	300	84	A	V
		5351.9	65.3	-8.7	74	56.49	34.58	10.75	36.52	300	84	P	V
		5351.9	45.01	-8.99	54	36.2	34.58	10.75	36.52	300	84	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 242/61 CH 54 5270MHz		10542	44.95	-23.35	68.3	58.73	37.52	15.62	66.92	300	0	P	H
		10542	44.91	-23.39	68.3	58.69	37.52	15.62	66.92	100	0	P	V
802.11ax HE40 Partial 242/62 CH 62 5310MHz		10619	44.03	-29.97	74	57.61	37.57	15.69	66.84	300	0	P	H
		10619	43.81	-30.19	74	57.39	37.57	15.69	66.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

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

WIFI Ant. 0+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		5111.04	48.77	-25.23	74	40.58	34.39	10.56	36.76	109	115	P	H
		5132.8	39.12	-14.88	54	30.85	34.41	10.6	36.74	109	115	A	H
	*	5290	99.78	-	-	91.13	34.53	10.71	36.59	109	115	P	H
		5290	92.25	-	-	83.6	34.53	10.71	36.59	109	115	A	H
		5354.3	52.09	-21.91	74	43.28	34.58	10.75	36.52	109	115	P	H
		5353.7	43.21	-10.79	54	34.4	34.58	10.75	36.52	109	115	A	H
		5104.48	48.71	-25.29	74	40.55	34.38	10.56	36.78	279	76	P	V
		5120.96	39.03	-14.97	54	30.82	34.39	10.58	36.76	279	76	A	V
	*	5302	96.65	-	-	87.97	34.54	10.71	36.57	279	76	P	V
		5302	88.69	-	-	80.01	34.54	10.71	36.57	279	76	A	V
		5382.6	49.22	-24.78	74	40.33	34.61	10.77	36.49	279	76	P	V
		5355.1	39.91	-14.09	54	31.1	34.58	10.75	36.52	279	76	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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		10575	44.4	-23.9	68.3	58.1	37.54	15.65	66.89	300	0	P	H
		10575	44.26	-24.04	68.3	57.96	37.54	15.65	66.89	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 484/66 CH 58 5290MHz		5133.76	48.9	-25.1	74	40.63	34.41	10.6	36.74	100	119	P	H
		5117.12	39.7	-14.3	54	31.49	34.39	10.58	36.76	100	119	A	H
		5326	98.91	-	-	90.18	34.55	10.74	36.56	100	119	P	H
		5326	90.64	-	-	81.91	34.55	10.74	36.56	100	119	A	H
		5351.9	59.86	-14.14	74	51.05	34.58	10.75	36.52	100	119	P	H
		5352.1	49.28	-4.72	54	40.47	34.58	10.75	36.52	100	119	A	H
		5145.76	50.32	-23.68	74	42.03	34.42	10.6	36.73	303	88	P	V
		5112.48	39.57	-14.43	54	31.38	34.39	10.56	36.76	303	88	A	V
		5326	95.35	-	-	86.62	34.55	10.74	36.56	303	88	P	V
		5326	87.35	-	-	78.62	34.55	10.74	36.56	303	88	A	V
		5354.3	53.53	-20.47	74	44.72	34.58	10.75	36.52	303	88	P	V
		5353.4	43.08	-10.92	54	34.27	34.58	10.75	36.52	303	88	A	V
Remark	9. No other spurious found. 10. All results are PASS against Peak and Average limit line.												

UNII-2A 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 484/66 CH 58 5290MHz		10575	43.64	-24.66	68.3	57.34	37.54	15.65	66.89	300	0	P	H
		10575	45.48	-22.82	68.3	59.18	37.54	15.65	66.89	100	0	P	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

UNII-2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5456.88	53.51	-20.49	74	44.42	34.66	10.85	36.42	113	114	P	H
		5466.8	58.71	-9.59	68.3	49.59	34.67	10.85	36.4	113	114	P	H
		5457.36	46.76	-7.24	54	37.67	34.66	10.85	36.42	113	114	A	H
	*	5500	113.8	-	-	104.58	34.7	10.89	36.37	113	114	P	H
		5500	106.72	-	-	97.5	34.7	10.89	36.37	113	114	A	H
		5457.36	51.08	-22.92	74	41.99	34.66	10.85	36.42	300	79	P	V
		5468.72	54.19	-14.11	68.3	45.07	34.67	10.85	36.4	300	79	P	V
		5458	41.96	-12.04	54	32.87	34.66	10.85	36.42	300	79	A	V
	*	5500	107.62	-	-	98.4	34.7	10.89	36.37	300	79	P	V
		5500	100.86	-	-	91.64	34.7	10.89	36.37	300	79	A	V
802.11a CH 140 5700MHz	*	5698	108.89	-	-	99.39	34.93	11.13	36.56	105	112	P	H
		5698	101.24	-	-	91.74	34.93	11.13	36.56	105	112	A	H
		5759.64	52.88	-15.42	68.3	43.26	35.01	11.24	36.63	105	112	P	H
	*	5698	103.49	-	-	93.99	34.93	11.13	36.56	328	58	P	V
		5698	97.05	-	-	87.55	34.93	11.13	36.56	328	58	A	V
		5725.56	50.6	-17.7	68.3	41.05	34.97	11.18	36.6	328	58	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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		11004	44.68	-29.32	74	57.32	37.8	16.05	66.49	300	0	P	H
		11004	45.42	-28.58	74	58.06	37.8	16.05	66.49	100	0	P	V
802.11a CH 116 5580MHz		11158	46.09	-27.91	74	58.5	37.93	16.15	66.49	300	0	P	H
		11158	48.87	-25.13	74	61.28	37.93	16.15	66.49	100	0	P	V
802.11a CH 140 5700MHz		11400	45.23	-28.77	74	57.3	38.12	16.29	66.48	300	0	P	H
		11400	45.38	-28.62	74	57.45	38.12	16.29	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - 5470~5725MHz

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

WIFI Ant. 0+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)
		5442.32	48.37	-25.63	74	39.34	34.65	10.82	36.44	102	118	P	H
		5470	56.77	-11.53	68.3	47.65	34.67	10.85	36.4	102	118	P	H
		5455.76	38.95	-15.05	54	29.86	34.66	10.85	36.42	102	118	A	H
802.11ax	*	5494	112.11	-	-	102.92	34.69	10.89	36.39	102	118	P	H
HE20 Full		5494	103.06	-	-	93.87	34.69	10.89	36.39	102	118	A	H
CH 100		5394.64	47.77	-26.23	74	38.85	34.62	10.77	36.47	301	89	P	V
5500MHz		5464.4	46.69	-21.61	68.3	37.57	34.67	10.85	36.4	301	89	P	V
		5456.56	37.63	-16.37	54	28.54	34.66	10.85	36.42	301	89	A	V
	*	5494	105.55	-	-	96.36	34.69	10.89	36.39	301	89	P	V
		5494	98.95	-	-	89.76	34.69	10.89	36.39	301	89	A	V
		5725.08	63.05	-5.25	68.3	53.5	34.97	11.18	36.6	112	115	P	H
802.11ax	*	5704	113.58	-	-	104.05	34.95	11.16	36.58	112	115	P	H
HE20 Full		5704	105.59	-	-	96.06	34.95	11.16	36.58	112	115	A	H
CH 140		5725.16	57.94	-10.36	68.3	48.39	34.97	11.18	36.6	315	53	P	V
5700MHz	*	5704	107.58	-	-	98.05	34.95	11.16	36.58	315	53	P	V
		5704	99.47	-	-	89.94	34.95	11.16	36.58	315	53	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 0+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		11004	44.7	-29.3	74	57.34	37.8	16.05	66.49	300	0	P	H
		11004	45.02	-28.98	74	57.66	37.8	16.05	66.49	100	0	P	V
802.11ax HE20 Full CH 116 5580MHz		11158	45.22	-28.78	74	57.63	37.93	16.15	66.49	300	0	P	H
		11158	45.86	-28.14	74	58.27	37.93	16.15	66.49	100	0	P	V
802.11ax HE20 Full CH 140 5700MHz		11400	45.19	-28.81	74	57.26	38.12	16.29	66.48	300	0	P	H
		11400	46.06	-27.94	74	58.13	38.12	16.29	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

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

WIFI Ant. 0+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 Partial 26/0 CH 100 5260MHz		5405.04	46.9	-27.1	74	37.97	34.62	10.78	36.47	100	229	P	H
		5465.2	46.78	-21.52	68.3	37.66	34.67	10.85	36.4	100	229	P	H
		5458.64	38.6	-15.4	54	29.51	34.66	10.85	36.42	100	229	A	H
		5494	110.65	-	-	101.46	34.69	10.89	36.39	100	229	P	H
		5494	104.9	-	-	95.71	34.69	10.89	36.39	100	229	A	H
		5401.84	47.96	-26.04	74	39.03	34.62	10.78	36.47	372	71	P	V
		5466.32	46.16	-22.14	68.3	37.04	34.67	10.85	36.4	372	71	P	V
		5457.68	37.51	-16.49	54	28.42	34.66	10.85	36.42	372	71	A	V
		5494	107	-	-	97.81	34.69	10.89	36.39	372	71	P	V
		5494	100.43	-	-	91.24	34.69	10.89	36.39	372	71	A	V
802.11ax HE20 Partial 26/8 CH 140 5700MHz		5731.72	54.17	-14.13	68.3	44.62	34.97	11.18	36.6	100	115	P	H
		5710	109.45	-	-	99.92	34.95	11.16	36.58	100	115	P	H
		5710	101.89	-	-	92.36	34.95	11.16	36.58	100	115	A	H
		5731.56	53.23	-15.07	68.3	43.68	34.97	11.18	36.6	325	75	P	V
		5710	109.06	-	-	99.53	34.95	11.16	36.58	325	75	P	V
		5710	102.25	-	-	92.72	34.95	11.16	36.58	325	75	A	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 26/0 CH 100 5500MHz		11004	45.54	-28.46	74	58.18	37.8	16.05	66.49	300	0	P	H
		11004	45.51	-28.49	74	58.15	37.8	16.05	66.49	100	0	P	V
802.11ax HE20 Partial 26/4 CH 116 5580MHz		11158	45.48	-28.52	74	57.89	37.93	16.15	66.49	300	0	P	H
		11158	46.68	-27.32	74	59.09	37.93	16.15	66.49	100	0	P	V
802.11ax HE20 Partial 26/8 CH 140 5700MHz		11400	45.66	-28.34	74	57.73	38.12	16.29	66.48	300	0	P	H
		11400	45.29	-28.71	74	57.36	38.12	16.29	66.48	100	0	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 52/37 CH 100 5500MHz		5453.68	49.04	-24.96	74	39.98	34.66	10.82	36.42	104	115	P	H
		5469.84	48.81	-19.49	68.3	39.69	34.67	10.85	36.4	104	115	P	H
		5459.92	40.44	-13.56	54	31.35	34.66	10.85	36.42	104	115	A	H
		5494	114.65	-	-	105.46	34.69	10.89	36.39	104	115	P	H
		5494	106.22	-	-	97.03	34.69	10.89	36.39	104	115	A	H
		5453.52	48.54	-25.46	74	39.48	34.66	10.82	36.42	301	84	P	V
		5463.92	47.41	-20.89	68.3	38.29	34.67	10.85	36.4	301	84	P	V
		5455.6	38.36	-15.64	54	29.27	34.66	10.85	36.42	301	84	A	V
		5494	109.88	-	-	100.69	34.69	10.89	36.39	301	84	P	V
		5494	101.07	-	-	91.88	34.69	10.89	36.39	301	84	A	V
802.11ax HE20 Partial 52/40 CH 140 5700MHz		5737.24	55.15	-13.15	68.3	45.6	34.99	11.18	36.62	104	117	P	H
		5710	115.7	-	-	106.17	34.95	11.16	36.58	104	117	P	H
		5710	106.44	-	-	96.91	34.95	11.16	36.58	104	117	A	H
		5729.96	57.49	-10.81	68.3	47.94	34.97	11.18	36.6	267	80	P	V
		5710	110.31	-	-	100.78	34.95	11.16	36.58	267	80	P	V
		5710	102.51	-	-	92.98	34.95	11.16	36.58	267	80	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 52/37 CH 100 5500MHz		11004	45.53	-28.47	74	58.17	37.8	16.05	66.49	300	0	P	H
		11004	46.2	-27.8	74	58.84	37.8	16.05	66.49	100	0	P	V
802.11ax HE20 Partial 52/38 CH 116 5580MHz		11158	45.82	-28.18	74	58.23	37.93	16.15	66.49	300	0	P	H
		11158	47.96	-26.04	74	60.37	37.93	16.15	66.49	100	0	P	V
802.11ax HE20 Partial 52/40 CH 140 5700MHz		11400	45.7	-28.3	74	57.77	38.12	16.29	66.48	300	0	P	H
		11400	45.9	-28.1	74	57.97	38.12	16.29	66.48	100	0	P	V
Remark	13. No other spurious found. 14. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 106/53 CH 100 5500MHz		5442.32	48.37	-25.63	74	39.34	34.65	10.82	36.44	102	118	P	H
		5470	56.77	-11.53	68.3	47.65	34.67	10.85	36.4	102	118	P	H
		5455.76	38.95	-15.05	54	29.86	34.66	10.85	36.42	102	118	A	H
		5494	112.11	-	-	102.92	34.69	10.89	36.39	102	118	P	H
		5494	103.06	-	-	93.87	34.69	10.89	36.39	102	118	A	H
		5394.64	47.77	-26.23	74	38.85	34.62	10.77	36.47	301	89	P	V
		5464.4	46.69	-21.61	68.3	37.57	34.67	10.85	36.4	301	89	P	V
		5456.56	37.63	-16.37	54	28.54	34.66	10.85	36.42	301	89	A	V
		5494	105.55	-	-	96.36	34.69	10.89	36.39	301	89	P	V
		5494	98.95	-	-	89.76	34.69	10.89	36.39	301	89	A	V
802.11ax HE20 Partial 106/54 CH 140 5700MHz		5725.08	63.05	-5.25	68.3	53.5	34.97	11.18	36.6	112	115	P	H
		5704	113.58	-	-	104.05	34.95	11.16	36.58	112	115	P	H
		5704	105.59	-	-	96.06	34.95	11.16	36.58	112	115	A	H
		5725.16	57.94	-10.36	68.3	48.39	34.97	11.18	36.6	315	53	P	V
		5704	107.58	-	-	98.05	34.95	11.16	36.58	315	53	P	V
		5704	99.47	-	-	89.94	34.95	11.16	36.58	315	53	A	V
Remark	9. No other spurious found. 10. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 106/53 CH 100 5500MHz		11004	44.7	-29.3	74	57.34	37.8	16.05	66.49	300	0	P	H
		11004	45.02	-28.98	74	57.66	37.8	16.05	66.49	100	0	P	V
802.11ax HE20 Partial 106/53 CH 116 5580MHz		11158	45.22	-28.78	74	57.63	37.93	16.15	66.49	300	0	P	H
		11158	45.86	-28.14	74	58.27	37.93	16.15	66.49	100	0	P	V
802.11ax HE20 Partial 106/54 CH 140 5700MHz		11400	45.19	-28.81	74	57.26	38.12	16.29	66.48	300	0	P	H
		11400	46.06	-27.94	74	58.13	38.12	16.29	66.48	100	0	P	V
Remark	15. No other spurious found. 16. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

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

WIFI Ant. 0+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)
		5459.9	57.05	-16.95	74	47.96	34.66	10.85	36.42	100	116	P	H
		5464.4	61.25	-7.05	68.3	52.13	34.67	10.85	36.4	100	116	P	H
		5459.9	48.1	-5.9	54	39.01	34.66	10.85	36.42	100	116	A	H
	*	5512	107.68	-	-	98.46	34.7	10.89	36.37	100	116	P	H
802.11ax		5512	99.67	-	-	90.45	34.7	10.89	36.37	100	116	A	H
HE40 Full		5745.96	50.03	-18.27	68.3	40.45	34.99	11.21	36.62	100	116	P	H
CH 102		5455.76	51.69	-22.31	74	42.6	34.66	10.85	36.42	331	89	P	V
5510MHz		5465.2	57.15	-11.15	68.3	48.03	34.67	10.85	36.4	331	89	P	V
		5455.92	44.34	-9.66	54	35.25	34.66	10.85	36.42	331	89	A	V
	*	5506	104.68	-	-	95.46	34.7	10.89	36.37	331	89	P	V
		5506	95.99	-	-	86.77	34.7	10.89	36.37	331	89	A	V
		5759.64	49.56	-18.74	68.3	39.94	35.01	11.24	36.63	331	89	P	V
		5351.12	47.17	-26.83	74	38.36	34.58	10.75	36.52	105	113	P	H
		5465.36	46.6	-21.7	68.3	37.48	34.67	10.85	36.4	105	113	P	H
		5459.92	37.4	-16.6	54	28.31	34.66	10.85	36.42	105	113	A	H
	*	5674	111.35	-	-	101.88	34.91	11.11	36.55	105	113	P	H
802.11ax		5674	100.31	-	-	90.84	34.91	11.11	36.55	105	113	A	H
HE40 Full		5726.36	63.04	-5.26	68.3	53.49	34.97	11.18	36.6	105	113	P	H
CH 134		5359.92	47.81	-26.19	74	39	34.58	10.75	36.52	301	85	P	V
5670MHz		5460.88	45.55	-22.75	68.3	36.46	34.66	10.85	36.42	301	85	P	V
		5447.28	37.19	-16.81	54	28.13	34.66	10.82	36.42	301	85	A	V
	*	5674	105.12	-	-	95.65	34.91	11.11	36.55	301	85	P	V
		5674	96.39	-	-	86.92	34.91	11.11	36.55	301	85	A	V
		5725.96	56.46	-11.84	68.3	46.91	34.97	11.18	36.6	301	85	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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		11015	45.33	-28.67	74	57.96	37.81	16.05	66.49	300	0	P	H
		11015	44.77	-29.23	74	57.4	37.81	16.05	66.49	100	0	P	V
802.11ax HE40 Full CH 110 5550MHz		11103	45.49	-28.51	74	57.99	37.88	16.11	66.49	300	0	P	H
		11103	44.96	-29.04	74	57.46	37.88	16.11	66.49	100	0	P	V
802.11ax HE40 Full CH 134 5670MHz		11345	44.99	-29.01	74	57.13	38.08	16.26	66.48	300	0	P	H
		11345	45.47	-28.53	74	57.61	38.08	16.26	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 242/61 CH 102 5510MHz		5447.76	55	-19	74	45.94	34.66	10.82	36.42	100	115	P	H
		5469.84	62.74	-5.56	68.3	53.62	34.67	10.85	36.4	100	115	P	H
		5456.4	49.18	-4.82	54	40.09	34.66	10.85	36.42	100	115	A	H
		5494	106.51	-	-	97.32	34.69	10.89	36.39	100	115	P	H
		5494	99.36	-	-	90.17	34.69	10.89	36.39	100	115	A	H
		5759.8	49	-19.3	68.3	39.38	35.01	11.24	36.63	100	115	P	H
		5448.24	53.1	-20.9	74	44.04	34.66	10.82	36.42	300	84	P	V
		5464.24	58.35	-9.95	68.3	49.23	34.67	10.85	36.4	300	84	P	V
		5458.64	43.62	-10.38	54	34.53	34.66	10.85	36.42	300	84	A	V
		5494	104.59	-	-	95.4	34.69	10.89	36.39	300	84	P	V
		5494	95.54	-	-	86.35	34.69	10.89	36.39	300	84	A	V
		5756.28	48.85	-19.45	68.3	39.26	35.01	11.21	36.63	300	84	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5433.52	47.66	-26.34	74	38.65	34.65	10.8	36.44	100	116	P	H
		5466.32	46.11	-22.19	68.3	36.99	34.67	10.85	36.4	100	116	P	H
		5365.04	37.32	-16.68	54	28.48	34.59	10.76	36.51	100	116	A	H
		5674	106.67	-	-	97.2	34.91	11.11	36.55	100	116	P	H
		5674	99.12	-	-	89.65	34.91	11.11	36.55	100	116	A	H
		5727.08	62.93	-5.37	68.3	53.38	34.97	11.18	36.6	100	116	P	H
		5385.04	47.67	-26.33	74	38.78	34.61	10.77	36.49	345	80	P	V
		5460.88	46.28	-22.02	68.3	37.19	34.66	10.85	36.42	345	80	P	V
		5374.96	37.4	-16.6	54	28.56	34.59	10.76	36.51	345	80	A	V
		5686	103.25	-	-	93.75	34.93	11.13	36.56	345	80	P	V
		5686	94.32	-	-	84.82	34.93	11.13	36.56	345	80	A	V
		5728.44	51.19	-17.11	68.3	41.64	34.97	11.18	36.6	345	80	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 242/61 CH 102 5510MHz		11015	43.91	-30.09	74	56.54	37.81	16.05	66.49	300	0	P	H
		11015	44.87	-29.13	74	57.5	37.81	16.05	66.49	100	0	P	V
802.11ax HE40 Partial 242/61 CH 110 5500MHz		11103	45.79	-28.21	74	58.29	37.88	16.11	66.49	300	0	P	H
		11103	46	-28	74	58.5	37.88	16.11	66.49	100	0	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		11345	44.87	-29.13	74	57.01	38.08	16.26	66.48	300	0	P	H
		11345	45.21	-28.79	74	57.35	38.08	16.26	66.48	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

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

WIFI Ant. 0+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)
		5452.72	53.74	-20.26	74	44.68	34.66	10.82	36.42	100	113	P	H
		5463.92	54.56	-13.74	68.3	45.44	34.67	10.85	36.4	100	113	P	H
		5453.84	46.09	-7.91	54	37.03	34.66	10.82	36.42	100	113	A	H
	*	5524	101.9	-	-	92.66	34.72	10.91	36.39	100	113	P	H
802.11ax		5524	94.31	-	-	85.07	34.72	10.91	36.39	100	113	A	H
HE80 Full		5759.8	49.69	-18.61	68.3	40.07	35.01	11.24	36.63	100	113	P	H
CH 106		5446.16	50.36	-23.64	74	41.3	34.66	10.82	36.42	313	84	P	V
5530MHz		5464.08	50.8	-17.5	68.3	41.68	34.67	10.85	36.4	313	84	P	V
		5456.08	41.74	-12.26	54	32.65	34.66	10.85	36.42	313	84	A	V
	*	5536	100.44	-	-	91.18	34.74	10.93	36.41	313	84	P	V
		5536	90.51	-	-	81.25	34.74	10.93	36.41	313	84	A	V
		5759.96	50.2	-18.1	68.3	40.58	35.01	11.24	36.63	313	84	P	V
		5455.28	50.13	-23.87	74	41.07	34.66	10.82	36.42	100	113	P	H
		5468.4	50.96	-17.34	68.3	41.84	34.67	10.85	36.4	100	113	P	H
		5455.44	41.83	-12.17	54	32.77	34.66	10.82	36.42	100	113	A	H
	*	5614	107.12	-	-	97.75	34.82	11.03	36.48	100	113	P	H
802.11ax		5614	107.12	-	-	97.75	34.82	11.03	36.48	100	113	A	H
HE80 Full		5727.96	57.81	-10.49	68.3	48.26	34.97	11.18	36.6	100	113	P	H
CH 122		5448.56	47.88	-26.12	74	38.82	34.66	10.82	36.42	305	94	P	V
5610MHz		5461.52	47.25	-21.05	68.3	38.16	34.66	10.85	36.42	305	94	P	V
		5455.28	39.25	-14.75	54	30.19	34.66	10.82	36.42	305	94	A	V
	*	5608	103.37	-	-	94	34.82	11.03	36.48	305	94	P	V
		5608	103.37	-	-	94	34.82	11.03	36.48	305	94	A	V
		5725.8	54.78	-13.52	68.3	45.23	34.97	11.18	36.6	305	94	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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		11059	45.34	-28.66	74	57.9	37.85	16.08	66.49	300	0	P	H
		11059	45.82	-28.18	74	58.38	37.85	16.08	66.49	100	0	P	V
802.11ax HE80 Full CH 122 5610MHz		11224	44.9	-29.1	74	57.24	37.97	16.18	66.49	300	0	P	H
		7484	46.41	-27.59	74	64.08	35.9	12.84	66.41	100	0	P	V
		11224	45.52	-28.48	74	57.86	37.97	16.18	66.49	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 106 5530MHz		5432.24	62.28	-11.72	74	53.27	34.65	10.8	36.44	106	116	P	H
		5464.4	63.89	-4.41	68.3	54.77	34.67	10.85	36.4	106	116	P	H
		5436.24	48.82	-5.18	54	39.81	34.65	10.8	36.44	106	116	A	H
		5512	101.59	-	-	92.37	34.7	10.89	36.37	106	116	P	H
		5512	93.74	-	-	84.52	34.7	10.89	36.37	106	116	A	H
		5734.44	50.04	-18.26	68.3	40.49	34.97	11.18	36.6	106	116	P	H
		5458.16	49.81	-24.19	74	40.72	34.66	10.85	36.42	300	88	P	V
		5464.56	58.42	-9.88	68.3	49.3	34.67	10.85	36.4	300	88	P	V
		5432.4	43.6	-10.4	54	34.59	34.65	10.8	36.44	300	88	A	V
		5494	96.73	-	-	87.54	34.69	10.89	36.39	300	88	P	V
		5494	88.91	-	-	79.72	34.69	10.89	36.39	300	88	A	V
		5725.16	50.09	-18.21	68.3	40.54	34.97	11.18	36.6	300	88	P	V
802.11ax HE80 Partial 484/66 CH 122 5610MHz		5451.6	60.38	-13.62	74	51.32	34.66	10.82	36.42	100	115	P	H
		5465.36	61.72	-6.58	68.3	52.6	34.67	10.85	36.4	100	115	P	H
		5456.4	48.26	-5.74	54	39.17	34.66	10.85	36.42	100	115	A	H
		5644	109.18	-	-	99.77	34.87	11.05	36.51	100	115	P	H
		5644	101.5	-	-	92.09	34.87	11.05	36.51	100	115	A	H
		5736.2	59.83	-8.47	68.3	50.28	34.99	11.18	36.62	100	115	P	H
		5444.24	49.23	-24.77	74	40.2	34.65	10.82	36.44	287	77	P	V
		5466	46.69	-21.61	68.3	37.57	34.67	10.85	36.4	287	77	P	V
		5457.2	43.75	-10.25	54	34.66	34.66	10.85	36.42	287	77	A	V
		5614	104.59	-	-	95.22	34.82	11.03	36.48	287	77	P	V
		5614	96.1	-	-	86.73	34.82	11.03	36.48	287	77	A	V
		5725.08	54.54	-13.76	68.3	44.99	34.97	11.18	36.6	287	77	P	V
Remark	11. No other spurious found. 12. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 106 5530MHz		11059	45.39	-28.61	74	57.95	37.85	16.08	66.49	300	0	P	H
		11059	45.22	-28.78	74	57.78	37.85	16.08	66.49	100	0	P	V
802.11ax HE80 Partial 484/66 CH 122 5610MHz		11224	45.31	-28.69	74	57.65	37.97	16.18	66.49	300	0	P	H
		11224	45.84	-28.16	74	58.18	37.97	16.18	66.49	100	0	P	V
Remark	9. No other spurious found. 10. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

WIFI 802.11ax H160 Full (Band Edge @ 3m)

WIFI Ant. 0+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 114 5570MHz		5413.52	54.6	-19.4	74	45.64	34.63	10.78	36.45	102	115	P	H
		5466	53.61	-14.69	68.3	44.49	34.67	10.85	36.4	102	115	P	H
		5444.4	45.26	-8.74	54	36.23	34.65	10.82	36.44	102	115	A	H
	*	5578	96.74	-	-	87.42	34.78	10.98	36.44	102	115	P	H
		5578	87.96	-	-	78.64	34.78	10.98	36.44	102	115	A	H
		5734.36	53.32	-14.98	68.3	43.77	34.97	11.18	36.6	102	115	P	H
		5405.84	52.25	-21.75	74	43.32	34.62	10.78	36.47	326	79	P	V
		5466.48	48.48	-19.82	68.3	39.36	34.67	10.85	36.4	326	79	P	V
		5426.64	41.49	-12.51	54	32.51	34.63	10.8	36.45	326	79	A	V
	*	5578	93.94	-	-	84.62	34.78	10.98	36.44	326	79	P	V
		5578	84.16	-	-	74.84	34.78	10.98	36.44	326	79	A	V
		5725.48	50.01	-18.29	68.3	40.46	34.97	11.18	36.6	326	79	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+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 114 5570MHz		11140	44.4	-29.6	74	56.84	37.91	16.14	66.49	300	0	P	H
		11140	44.26	-29.74	74	56.7	37.91	16.14	66.49	100	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 996/67 CH 114 5570MHz		5452.08	60.86	-13.14	74	51.8	34.66	10.82	36.42	100	115	P	H
		5462.96	55.48	-12.82	68.3	46.36	34.67	10.85	36.4	100	115	P	H
		5441.2	49.2	-4.8	54	40.17	34.65	10.82	36.44	100	115	A	H
		5512	95.45	-	-	86.23	34.7	10.89	36.37	100	115	P	H
		5512	87.22	-	-	78	34.7	10.89	36.37	100	115	A	H
		5728.36	57.14	-11.16	68.3	47.59	34.97	11.18	36.6	100	115	P	H
		5452.24	57.86	-16.14	74	48.8	34.66	10.82	36.42	300	86	P	V
		5463.12	52.88	-15.42	68.3	43.76	34.67	10.85	36.4	300	86	P	V
		5448.08	44.96	-9.04	54	35.9	34.66	10.82	36.42	300	86	A	V
		5494	91.66	-	-	82.47	34.69	10.89	36.39	300	86	P	V
		5494	83.6	-	-	74.41	34.69	10.89	36.39	300	86	A	V
		5728.44	50.96	-17.34	68.3	41.41	34.97	11.18	36.6	300	86	P	V
802.11ax HE160 Partial 996/S67 CH 114 5570MHz		5442	61.29	-12.71	74	52.26	34.65	10.82	36.44	100	113	P	H
		5467.28	55	-13.3	68.3	45.88	34.67	10.85	36.4	100	113	P	H
		5441.2	49.02	-4.98	54	39.99	34.65	10.82	36.44	100	113	A	H
		5632	95.15	-	-	85.75	34.84	11.05	36.49	100	113	P	H
		5632	85.9	-	-	76.5	34.84	11.05	36.49	100	113	A	H
		5728.04	58.61	-9.69	68.3	49.06	34.97	11.18	36.6	100	113	P	H
		5448.24	57.46	-16.54	74	48.4	34.66	10.82	36.42	304	76	P	V
		5467.92	51.77	-16.53	68.3	42.65	34.67	10.85	36.4	304	76	P	V
		5441.36	44.68	-9.32	54	35.65	34.65	10.82	36.44	304	76	A	V
		5626	90.71	-	-	81.33	34.84	11.03	36.49	304	76	P	V
		5626	84.32	-	-	74.94	34.84	11.03	36.49	304	76	A	V
		5725.16	51.74	-16.56	68.3	42.19	34.97	11.18	36.6	304	76	P	V
Remark	13. No other spurious found. 14. All results are PASS against Peak and Average limit line.												

UNII-2AC 5470~5725MHz

***WIFI 802.11ax HE160 Partial 996* (Harmonic @ 3m)**

WIFI Ant. 0+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 Partial 996/67 CH 114 5570MHz		11136	45.14	-28.86	74	57.6	37.91	16.12	66.49	300	0	P	H
		11136	47.44	-26.56	74	59.9	37.91	16.12	66.49	100	0	P	V
802.11ax HE160 Partial 996/S67 CH 114 5570MHz		11136	45.3	-28.7	74	57.76	37.91	16.12	66.49	300	0	P	H
		11136	45.45	-28.55	74	57.91	37.91	16.12	66.49	100	0	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

UNII-2C - 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.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5722	106.67	-	-	97.12	34.97	11.18	36.6	400	0	P	H
		5722	100.23	-	-	90.68	34.97	11.18	36.6	400	0	A	H
	*	5722	104.31	-	-	94.76	34.97	11.18	36.6	100	0	P	V
		5722	96.6	-	-	87.05	34.97	11.18	36.6	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+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		11444	44.26	-29.74	74	56.26	38.15	16.33	66.48	300	0	P	H
CH 144 5720MHz		11444	45.73	-28.27	74	57.73	38.15	16.33	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - Straddle Channel

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

WIFI Ant. 0+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	*	5716	105.81	-	-	96.28	34.95	11.16	36.58	400	0	P	H
HE20 Full		5716	97.88	-	-	88.35	34.95	11.16	36.58	400	0	A	H
CH 144	*	5722	100.78	-	-	91.23	34.97	11.18	36.6	100	0	P	V
5720MHz		5722	93	-	-	83.45	34.97	11.18	36.6	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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		11444	44.42	-29.58	74	56.42	38.15	16.33	66.48	300	0	P	H
		11444	44.92	-29.08	74	56.92	38.15	16.33	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - Straddle Channel

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

WIFI Ant. 0+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	*	5710	109.93	-	-	100.4	34.95	11.16	36.58	400	0	P	H
HE40 Full		5710	102.81	-	-	93.28	34.95	11.16	36.58	400	0	A	H
CH 142	*	5716	103.85	-	-	94.32	34.95	11.16	36.58	100	0	P	V
5710MHz		5716	97.84	-	-	88.31	34.95	11.16	36.58	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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		11422	45.12	-28.88	74	57.15	38.13	16.32	66.48	300	0	P	H
		11422	45.56	-28.44	74	57.59	38.13	16.32	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C Straddle Channel

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

WIFI Ant. 0+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	*	5692	105.76	-	-	96.26	34.93	11.13	36.56	400	0	P	H
HE80 Full		5692	98.26	-	-	88.76	34.93	11.13	36.56	400	0	A	H
CH 138	*	5692	101.57	-	-	92.07	34.93	11.13	36.56	100	0	P	V
5690MHz		5692	93.09	-	-	83.59	34.93	11.13	36.56	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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		11378	45.01	-28.99	74	57.12	38.09	16.28	66.48	300	0	P	H
		11378	44.65	-29.35	74	56.76	38.09	16.28	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE80 Partial 484 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial LF		30	20.24	-19.76	40	26.73	25.5	0.71	32.7	-	-	P	H
		162.89	25.75	-17.75	43.5	39.49	17.19	1.95	32.88	-	-	P	H
		299.66	24.69	-21.31	46	34.75	20.2	2.64	32.9	-	-	P	H
		456.8	24.61	-21.39	46	30.34	23.72	3.26	32.71	-	-	P	H
		639.16	26.3	-19.7	46	29.29	25.81	3.86	32.66	-	-	P	H
		837.04	30.53	-15.47	46	31.56	27.12	4.42	32.57	-	-	P	H
		48.43	28.41	-11.59	40	44.56	15.77	1.05	32.97	-	-	P	V
		63.95	27.11	-12.89	40	45.69	13.32	1.2	33.1	-	-	P	V
		132.82	24.98	-18.52	43.5	38.35	17.71	1.75	32.83	-	-	P	V
		340.4	22.49	-23.51	46	31.41	21.17	2.81	32.9	-	-	P	V
		587.75	27.09	-18.91	46	30.32	25.6	3.7	32.53	-	-	P	V
		891.36	31.4	-14.6	46	31.98	27.37	4.57	32.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

CO-location

CO-location--11ax80_CH106_RU484_Left_&WCDMA850

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 106 5530MHz		5443.44	61.22	-12.78	74	52.19	34.65	10.82	36.44	100	115	P	H
		5468.08	61.89	-6.41	68.3	52.77	34.67	10.85	36.4	100	115	P	H
		5441.36	49.24	-4.76	54	40.21	34.65	10.82	36.44	100	115	A	H
		5506	101.3	-	-	92.08	34.7	10.89	36.37	100	115	P	H
		5506	94	-	-	84.78	34.7	10.89	36.37	100	115	A	H
		5753	49.5	-18.8	68.3	39.91	35.01	11.21	36.63	100	115	P	H
		5457.04	53.26	-20.74	74	44.17	34.66	10.85	36.42	300	92	P	V
		5464.08	56.38	-11.92	68.3	47.26	34.67	10.85	36.4	300	92	P	V
		5432.24	42.34	-11.66	54	33.33	34.65	10.8	36.44	300	92	A	V
		5494	97.53	-	-	88.34	34.69	10.89	36.39	300	92	P	V
		5494	89.45	-	-	80.26	34.69	10.89	36.39	300	92	A	V
		5737.96	48.93	-19.37	68.3	39.38	34.99	11.18	36.62	300	92	P	V
Remark	15. No other spurious found. 16. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 106 5530MHz		11059	44.98	-29.02	74	57.54	37.85	16.08	66.49	300	0	P	H
		11059	44.99	-29.01	74	57.55	37.85	16.08	66.49	100	0	P	V
Remark	11. No other spurious found. 12. All results are PASS against Peak and Average limit line.												

CO-location-11ax80_CH106_RU484_Left_&BT5.0_CH00&WCDMA850

BLE (Band Edge @ 3m)

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz	*	2372.4	48.62	-25.38	74	45.56	32.86	7.07	36.87	399	109	P	H
	*	2371.88	39.87	-14.13	54	36.81	32.86	7.07	36.87	399	109	A	H
		2402	104.12	-	-	100.97	32.88	7.13	36.86	399	109	P	H
		2402	103.17	-	-	100.02	32.88	7.13	36.86	399	109	A	H
	*	2386.83	48.91	-25.09	74	45.79	32.88	7.1	36.86	399	66	P	V
	*	2347.05	39.86	-14.14	54	36.9	32.81	7.04	36.89	399	66	A	V
		2402	100.66	-	-	97.51	32.88	7.13	36.86	399	66	P	V
		2402	99.71	-	-	96.56	32.88	7.13	36.86	399	66	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

BLE_Tx_Ch39&WCDMA850 (Harmonic @ 3m)

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	40.39	-33.61	74	61.37	34.19	10.2	65.37	300	0	P	H
		4804	40.71	-33.29	74	61.69	34.19	10.2	65.37	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 106 5530MHz		5448.4	61.34	-12.66	74	52.28	34.66	10.82	36.42	110	115	P	H
		5463.92	64.26	-4.04	68.3	55.14	34.67	10.85	36.4	110	115	P	H
		5441.36	49.22	-4.78	54	40.19	34.65	10.82	36.44	110	115	A	H
		5524	101.71	-	-	92.47	34.72	10.91	36.39	110	115	P	H
		5524	94.09	-	-	84.85	34.72	10.91	36.39	110	115	A	H
		5738.44	49.3	-19	68.3	39.75	34.99	11.18	36.62	110	115	P	H
		5443.76	56.74	-17.26	74	47.71	34.65	10.82	36.44	301	91	P	V
		5466.32	58.04	-10.26	68.3	48.92	34.67	10.85	36.4	301	91	P	V
		5442.64	42.92	-11.08	54	33.89	34.65	10.82	36.44	301	91	A	V
		5494	97.52	-	-	88.33	34.69	10.89	36.39	301	91	P	V
		5494	89.47	-	-	80.28	34.69	10.89	36.39	301	91	A	V
		5760.28	49.05	-19.25	68.3	39.43	35.01	11.24	36.63	301	91	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Harmonic @ 3m)

WIFI Ant. 0+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 Partial 484/65 CH 106 5530MHz		11055	43.72	-30.28	74	56.29	37.84	16.08	66.49	300	0	P	H
		11055	44.2	-29.8	74	56.77	37.84	16.08	66.49	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

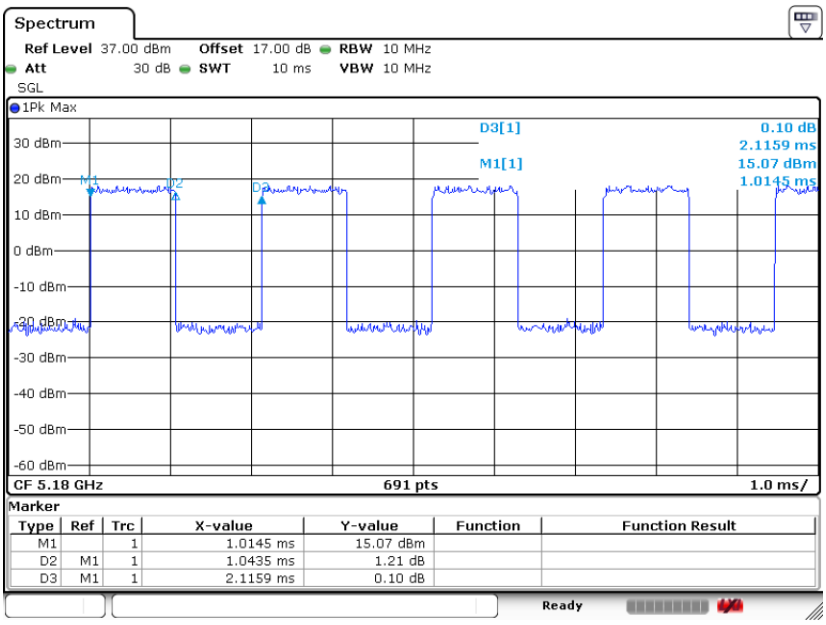
= -10.46(dB)

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

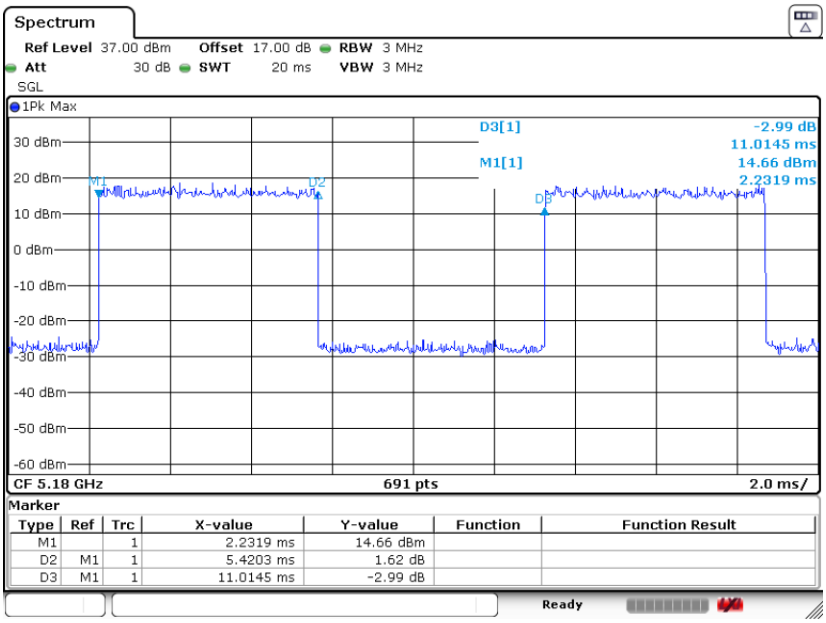
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	49.32	1.044	0.958	1KHz
1+2	802.11ax HE20	49.21	5.420	0.184	0.2KHz
1+2	802.11ax HE40	57.94	5.449	0.184	0.2KHz
1+2	802.11ax HE80	54.17	5.362	0.186	0.2KHz
1+2	802.11ax HE160	69.49	4.522	0.221	0.24KHz

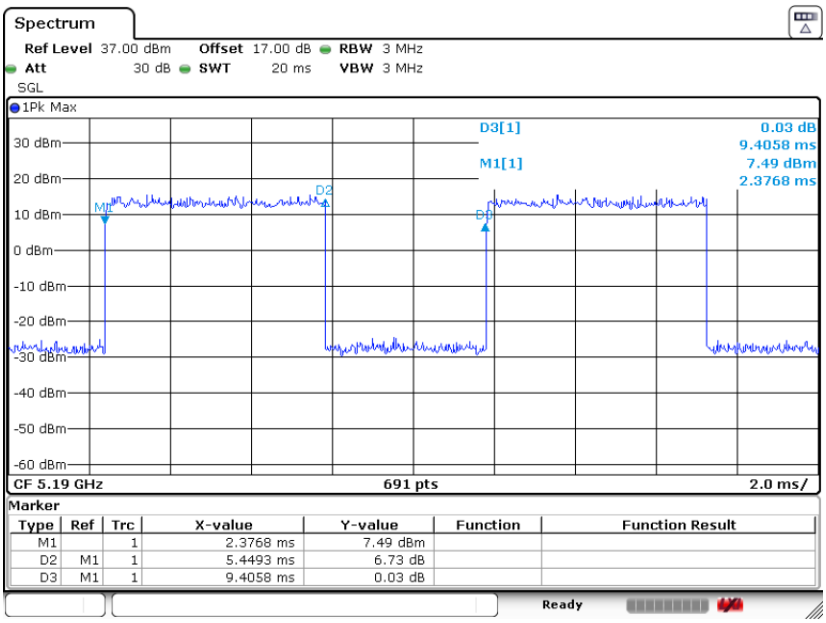
802.11a



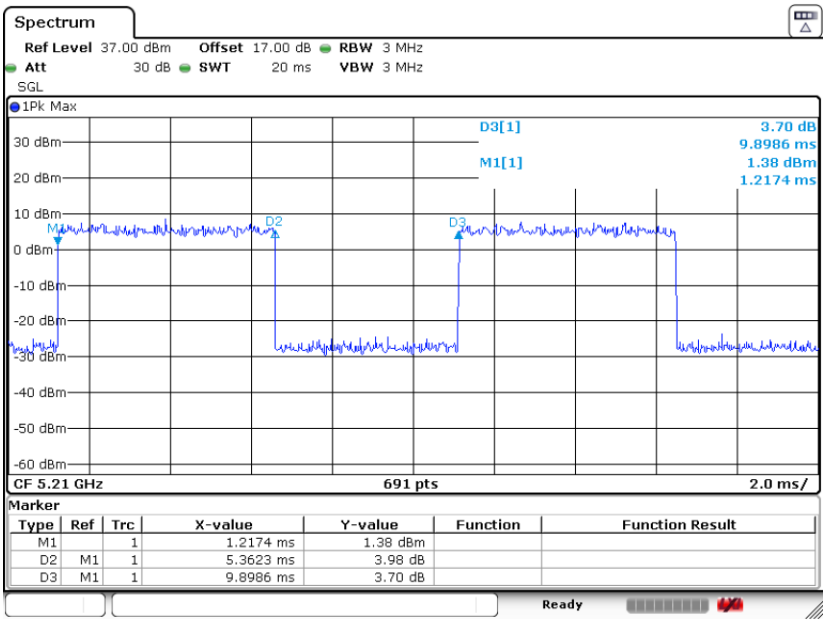
802.11ax HE20



802.11ax HE40



802.11ax HE80



802.11ax HE160