



FCC RF Test Report

APPLICANT : Guangdong OPPO Mobile Telecommunications Corp., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : OPPO
MODEL NAME : CPH2305
FCC ID : R9C-CPH2305
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : Oct. 22, 2021 ~ Nov. 17, 2021

We, Sporton International (ShenZhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager



Sporton International (ShenZhen) Inc.

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055
People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR1O1422E	Rev. 01	Initial issue of report	Dec. 02, 2021

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 6.01 dB at 5150.000 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 18.08 dB at 0.180 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

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

1.2 Manufacturer

Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	OPPO
Model Name	CPH2305
FCC ID	R9C-CPH2305
IMEI Code	Conducted: 866483050043877&866483050043869 Conduction: 866483050044297/866483050044289 Radiation: 866483050046391/866483050046383
HW Version	11
SW Version	ColorOS V12.1
EUT Stage	Production Unit

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 ~ 5700 MHz
Maximum Output Power to Antenna	<MIMO Ant.1+2> <5180 MHz ~ 5240 MHz> 802.11a : 19.63 dBm / 0.0918 W 802.11n HT20 : 19.53 dBm / 0.0897 W 802.11n HT40 : 19.46 dBm / 0.0883 W 802.11ac VHT20 : 19.50 dBm / 0.0891 W 802.11ac VHT40 : 19.43 dBm / 0.0877 W 802.11ac VHT80 : 18.82 dBm / 0.0762 W 802.11ac VHT160 : 15.63 dBm / 0.0366 W 802.11ax HE20 : 19.47 dBm / 0.0885 W 802.11ax HE40 : 19.28 dBm / 0.0847 W 802.11ax HE80 : 18.82 dBm / 0.0762 W 802.11ax HE160 : 17.59 dBm / 0.0574 W <5260 MHz ~ 5320 MHz> 802.11a : 19.53 dBm / 0.0897 W



	802.11n HT20 : 19.36 dBm / 0.0863 W 802.11n HT40 : 19.48 dBm / 0.0887 W 802.11ac VHT20 : 19.33 dBm / 0.0857 W 802.11ac VHT40 : 19.40 dBm / 0.0871 W 802.11ac VHT80 : 18.64 dBm / 0.0731 W 802.11ax HE20 : 19.41 dBm / 0.0873 W 802.11ax HE40 : 19.34 dBm / 0.0859 W 802.11ax HE80 : 18.72 dBm / 0.0745 W <5500 MHz ~ 5700 MHz > 802.11a : 19.42 dBm / 0.0875 W 802.11n HT20 : 19.26 dBm / 0.0843 W 802.11n HT40 : 19.40 dBm / 0.0871 W 802.11ac VHT20 : 19.24 dBm / 0.0839 W 802.11ac VHT40 : 19.36 dBm / 0.0863 W 802.11ac VHT80 : 18.70 dBm / 0.0741 W 802.11ac VHT160 : 15.71 dBm / 0.0372 W 802.11ax HE20 : 19.34 dBm / 0.0859 W 802.11ax HE40 : 19.23 dBm / 0.0838 W 802.11ax HE80 : 18.70 dBm / 0.0741 W 802.11ax HE160 : 15.15 dBm / 0.0327 W
99% Occupied Bandwidth	<MIMO Ant.1+2> <5180 MHz ~ 5240 MHz> 802.11a : 16.38 MHz 802.11n HT20 : 17.53 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.28 MHz 802.11ac VHT160 : 154.41 MHz 802.11ax HE20 : 18.88 MHz 802.11ax HE40 : 37.96 MHz 802.11ax HE80 : 77.08 MHz 802.11ax HE160 : 156.32 MHz <5260 MHz ~ 5320 MHz > 802.11a : 16.38 MHz 802.11n HT20 : 17.53 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.28 MHz 802.11ax HE20 : 18.93 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 77.20 MHz <5500 MHz ~ 5700 MHz > 802.11a : 16.38 MHz 802.11n HT20 : 17.53 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.28 MHz 802.11ac VHT160 : 154.41 MHz 802.11ax HE20 : 18.88 MHz 802.11ax HE40 : 37.96 MHz 802.11ax HE80 : 77.20 MHz 802.11ax HE160 : 156.08 MHz
Antenna Type / Gain	<5150 MHz ~ 5250 MHz> <Ant. 1> : Fixed Internal Antenna with gain -3.0 dBi <Ant. 2> : Fixed Internal Antenna with gain -2.5 dBi <5250 MHz ~ 5350 MHz> <Ant. 1> : Fixed Internal Antenna with gain -3.0 dBi

	<Ant. 2> : Fixed Internal Antenna with gain -2.5 dBi <5470 MHz ~ 5725 MHz> <Ant. 1> : Fixed Internal Antenna with gain -3.0 dBi <Ant. 2> : Fixed Internal Antenna with gain -2.5 dBi		
Type of Modulation	802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)		
Antenna Function Description		Ant. 1	Ant. 2
	802.11 a/n/ac/ax SISO/MIMO	V	V

Note:

1. WLAN 5G Ant. 1 / Ant. 2 corresponding to EUT Photo Ant. 8 / Ant. 10
2. For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing have assessed only 802.11n HT20/HT40 by referring to their maximum conducted power.
3. 802.11ax support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) are tested, only the worse data were reported.

1.5 Modification of EUT

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

1.6 Testing Location

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

Test Firm	Sporton International (Shenzhen) Inc.		
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 TH01-SZ	CN1256	421272



Test Firm	Sporton International (Shenzhen) Inc.		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH02-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a
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 (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz U-NII-1	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz U-NII-2A	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700



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

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
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

Co-location
802.11n HT40 CH 38 5190MHz + LTE Band 13 link
802.11n HT20 CH 11 2462MHz + 802.11n HT40 CH 38 5190MHz + LTE Band 13 link

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

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

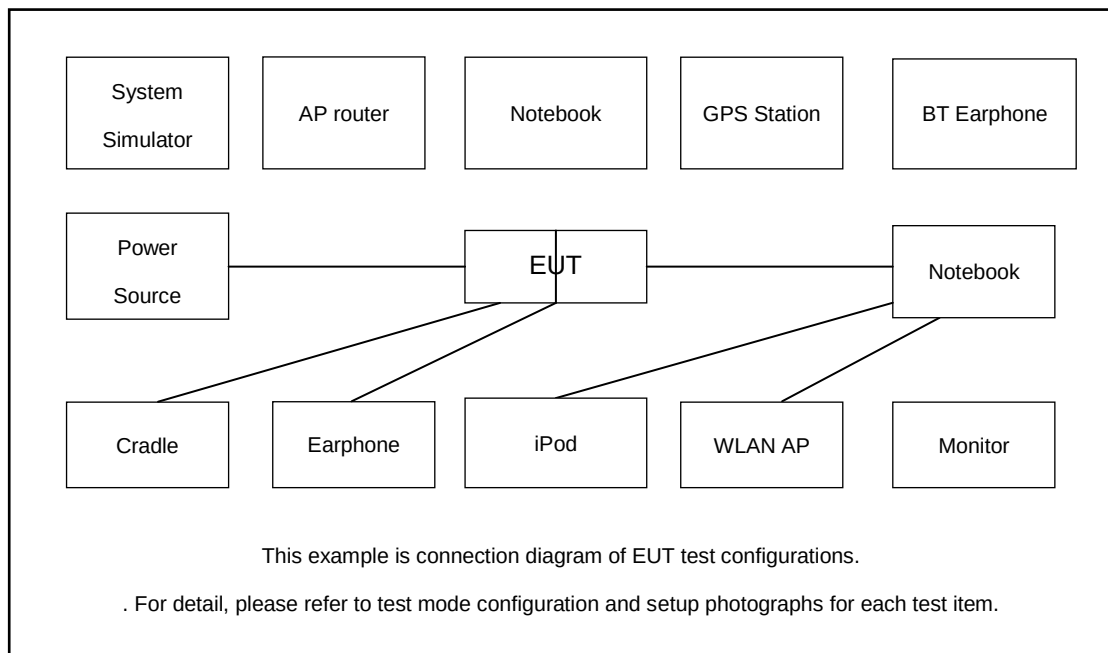
Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11ac VHT160		802.11ac VHT160
L	Low	-	-	-
M	Middle	50		114
H	High	-	-	-

Note: 802.11ax supports the same channel as 802.11ac.

2.3 Connection Diagram of Test System



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.	NOTE BOOK	Lenovo	E540	FCC DoC	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m	N/A
4.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,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/receive.

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 4.7 dB and 20dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.7 + 20 = 24.7 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

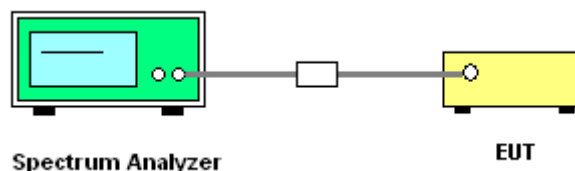
3.1.2 Measuring Instruments

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 1MHz and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup

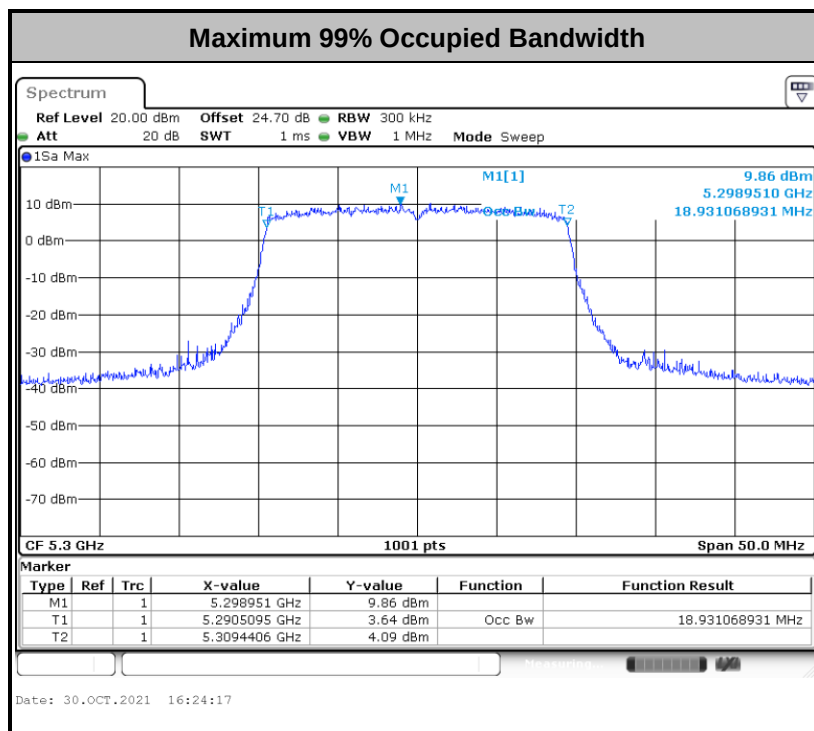
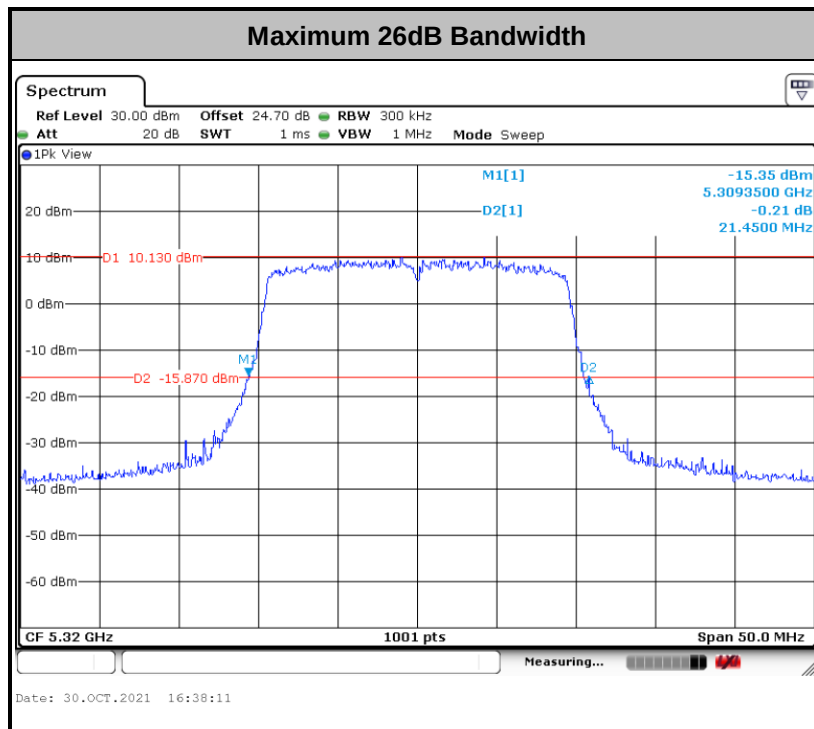


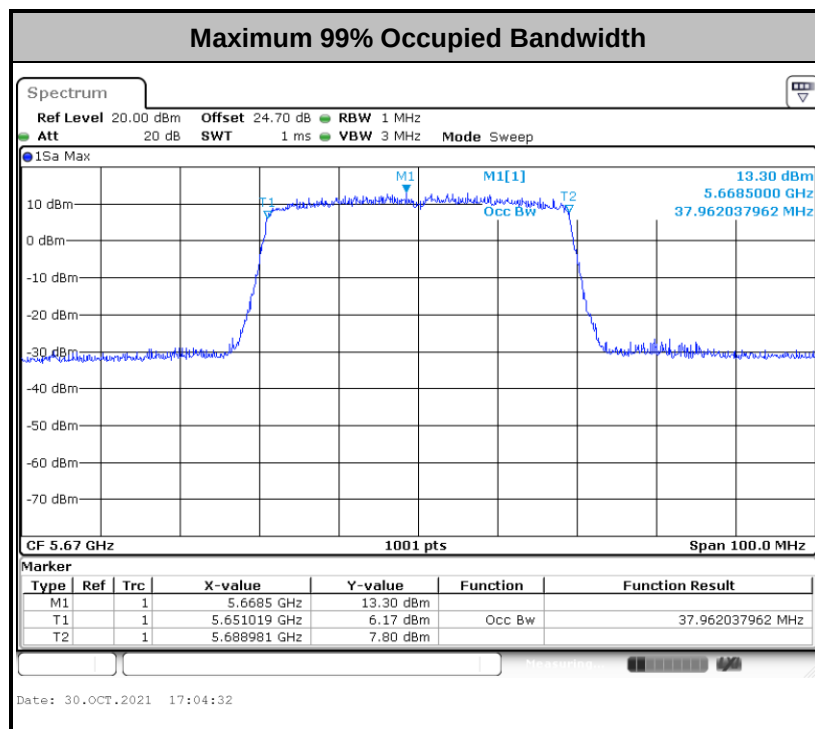
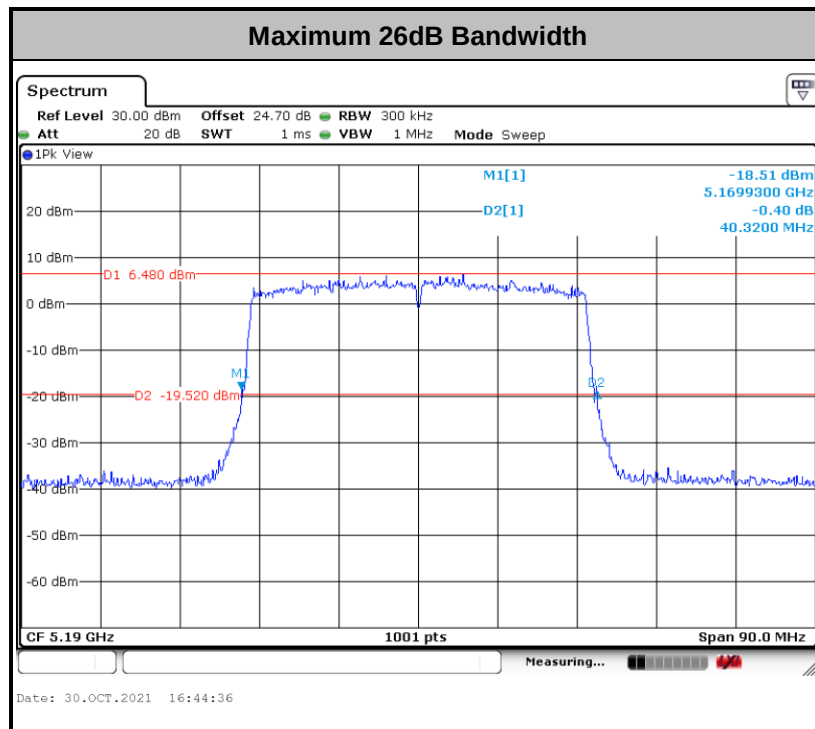
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



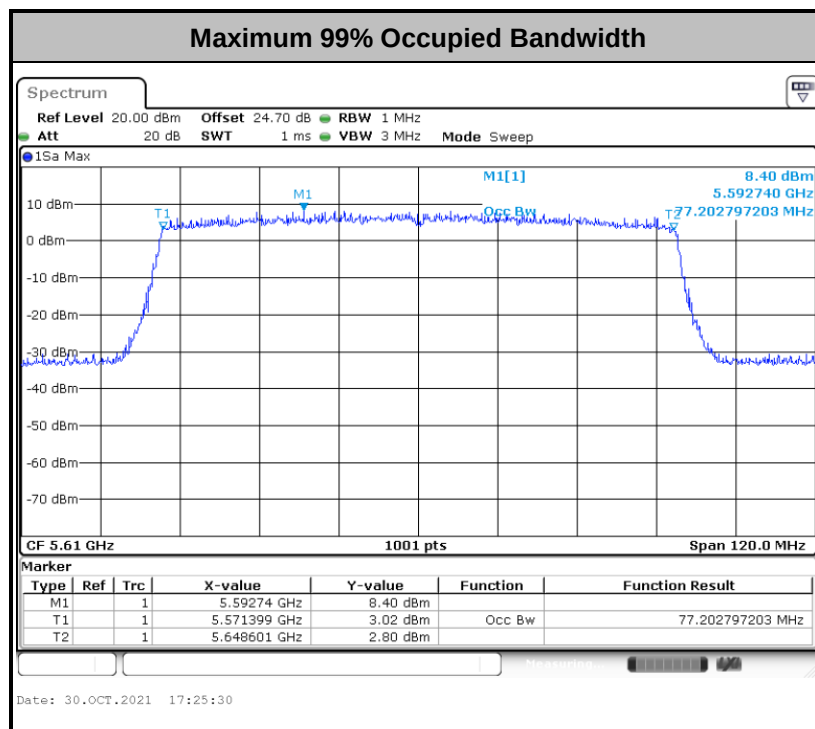
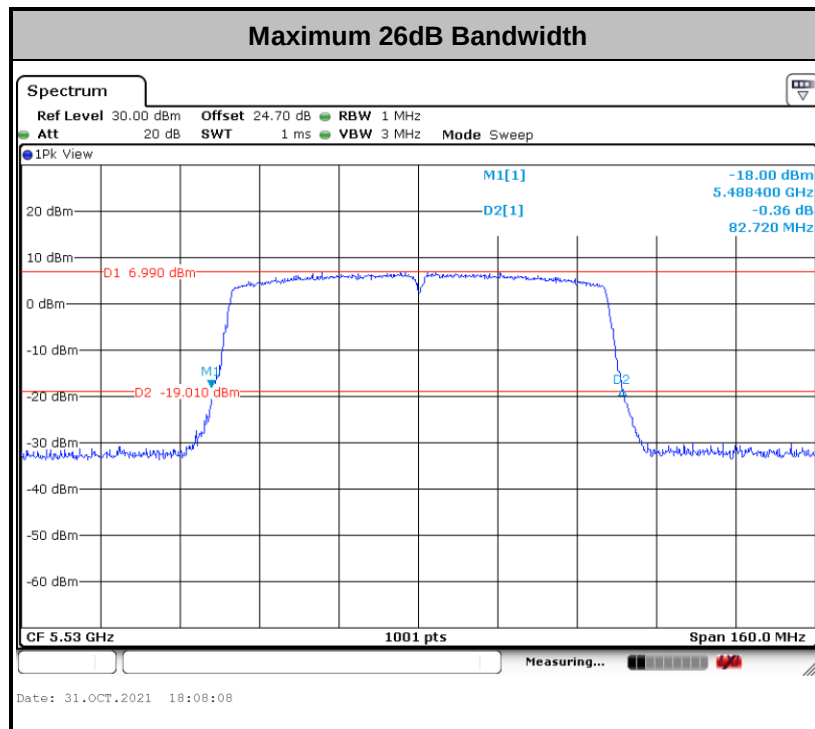
For 20MHz:



For 40MHz:




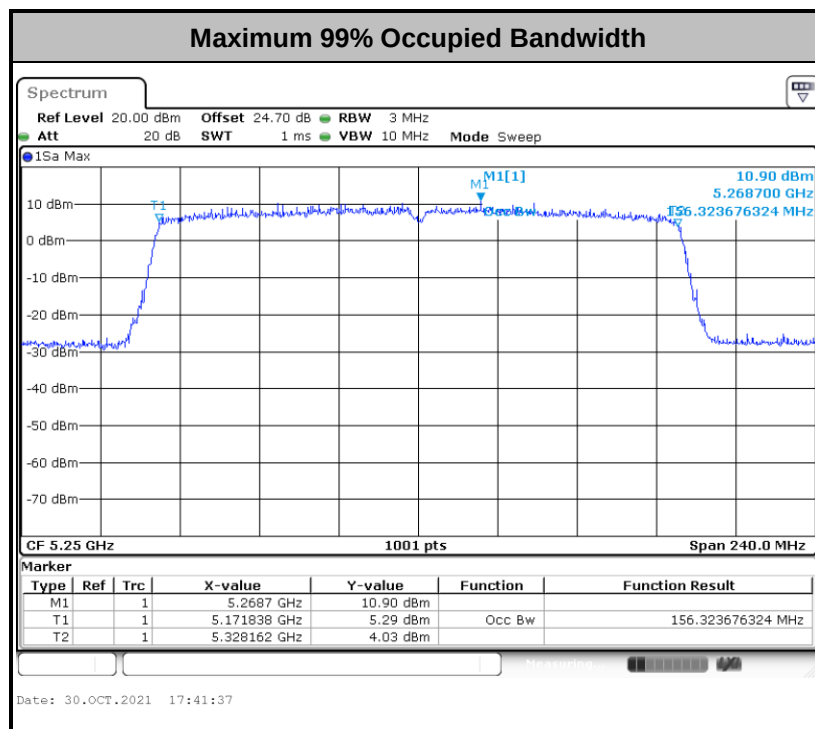
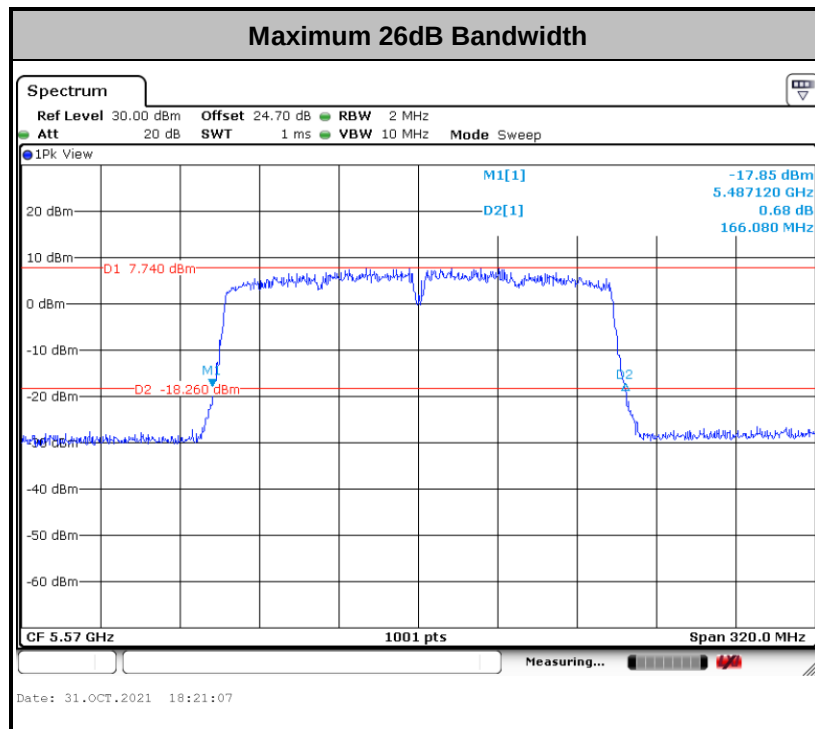
For 80MHz:



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



For 160MHz:



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 $11 + 10 \log B$, dBm, 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 $11 + 10 \log_{10} B$, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz.

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.

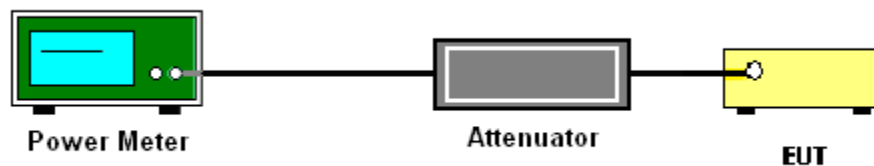
3.2.3 Test Procedures

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.

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.

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 $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 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, and attenuator loss. Measure the PPSD and record it.

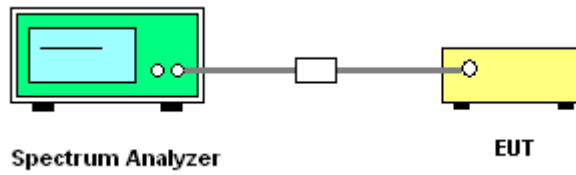
Method (b): Measure and sum spectral maxima across the outputs.

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.

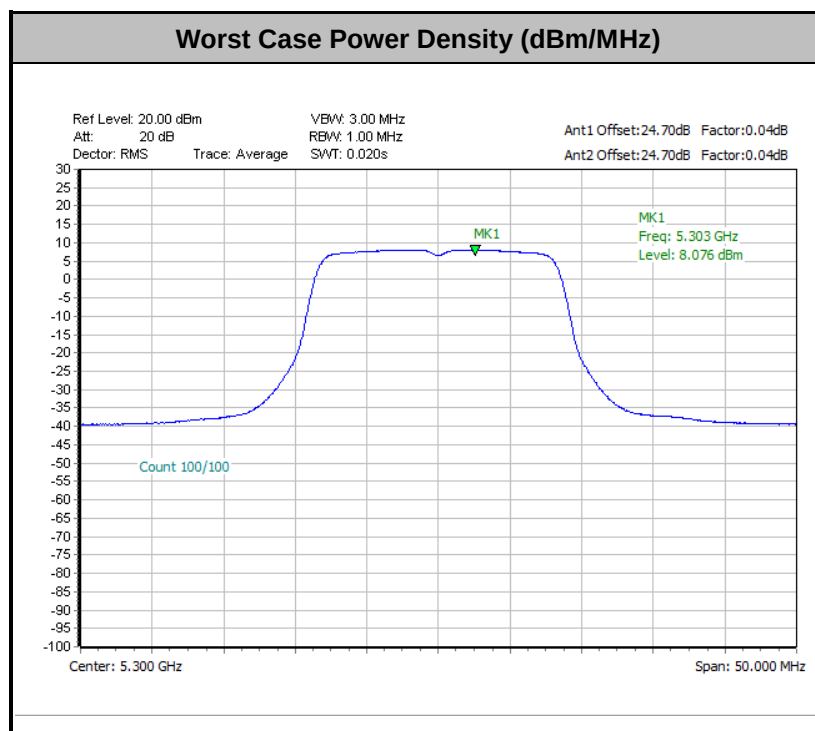
The measurement on each individual output were performed with the same span and number on each individual output. The quantity $10 \log(N_{ANT})$ dB is added to each spectrum value before comparing to the emission limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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	68.2

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

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

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

3.4.2 Measuring Instruments

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

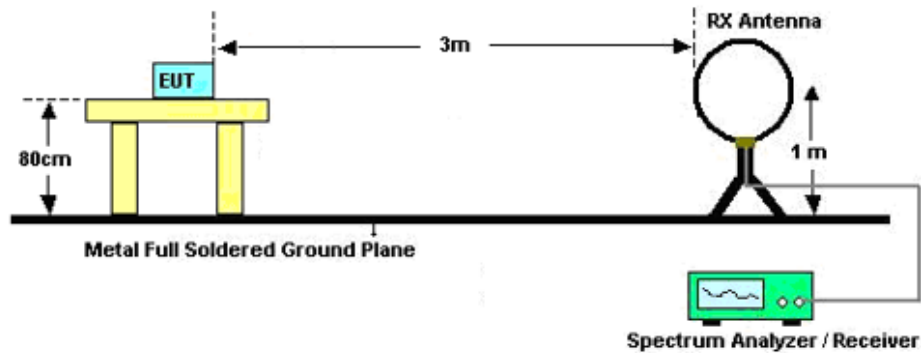


3.4.3 Test Procedures

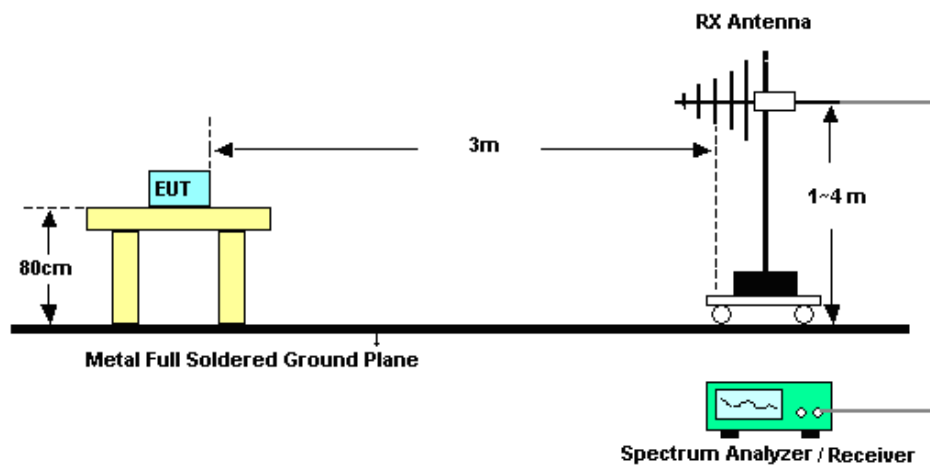
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than 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

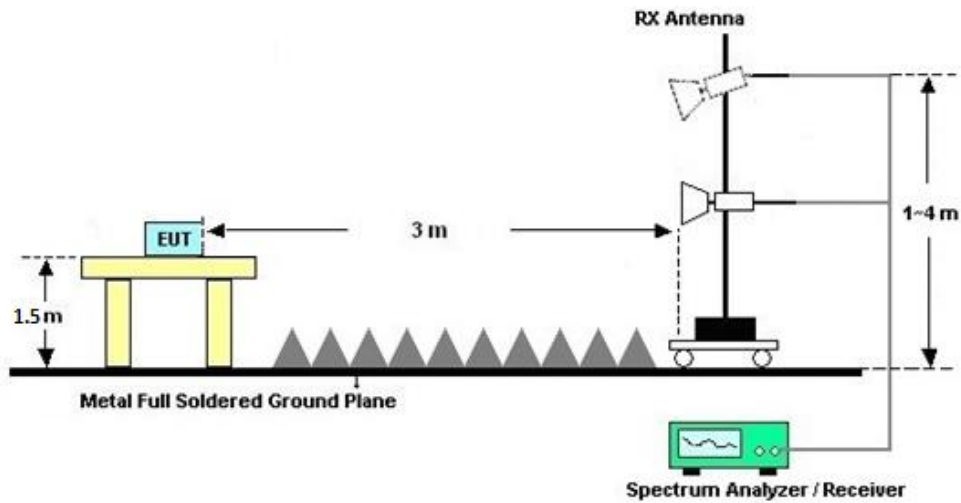
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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 (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

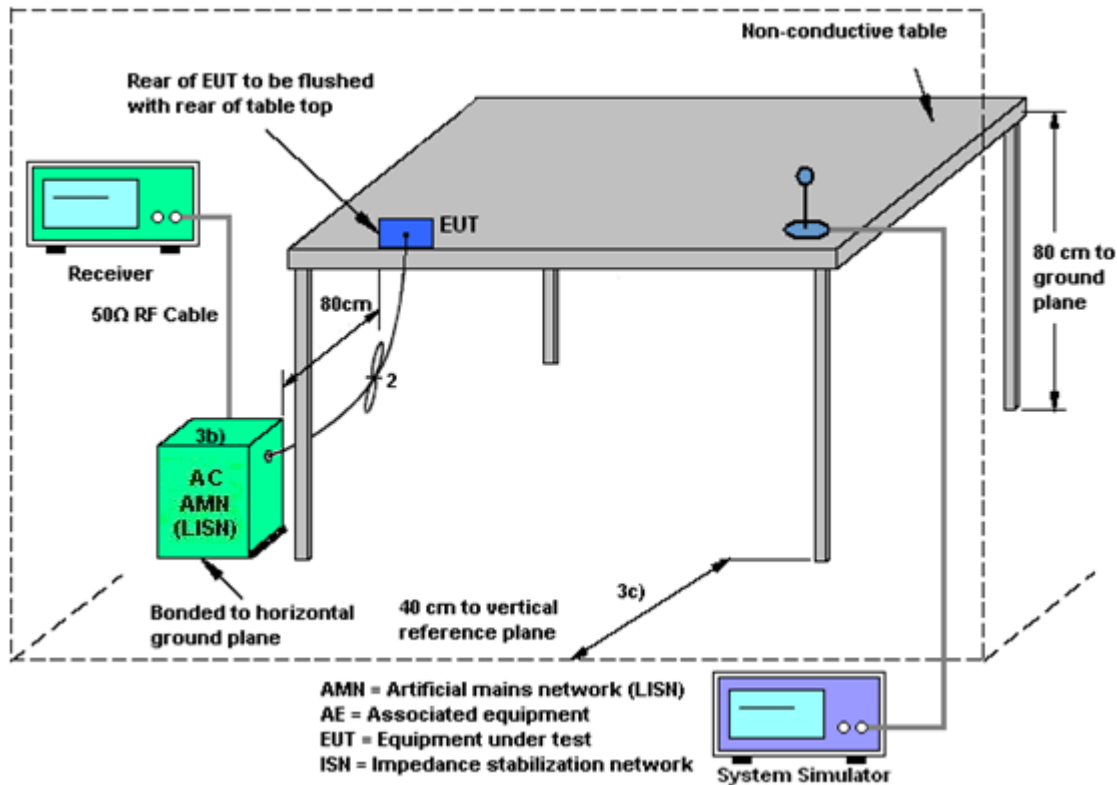
3.5.2 Measuring Instruments

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

The EUT supports MIMO mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain.

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

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

where

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

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

N_{ANT} = the total number of antennas

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

G_k is the gain in dBi of the k th antenna.

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

The directional gain "DG" is calculated as following table.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-3.00	-2.50	-2.50	0.26	0.00	0.00
Band II	-3.00	-2.50	-2.50	0.26	0.00	0.00
Band III	-3.00	-2.50	-2.50	0.26	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	101078	10Hz~40GHz	Apr. 08, 2021	Oct. 22, 2021~ Oct. 31, 2021	Apr. 07, 2022	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 25, 2020	Oct. 22, 2021~ Oct. 31, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 25, 2020	Oct. 22, 2021~ Oct. 31, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 13, 2021	Nov. 17, 2021	Jul. 13, 2022	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 22, 2020	Nov. 17, 2021	Jun. 21, 2022	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Jul. 15, 2021	Nov. 17, 2021	Jul. 14, 2022	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 25, 2021	Nov. 17, 2021	Jul. 24, 2022	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 13, 2021	Nov. 17, 2021	Jul. 13, 2022	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 11, 2021	Nov. 17, 2021	Apr. 10, 2022	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000MHz	Oct. 22, 2021	Nov. 17, 2021	Oct. 21, 2022	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 22, 2021	Nov. 17, 2021	Oct. 21, 2022	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 22, 2021	Nov. 17, 2021	Oct. 21, 2022	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010002470	N/A	NCR	Nov. 17, 2021	NCR	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Nov. 17, 2021	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Nov. 17, 2021	NCR	Radiation (03CH02-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Mar. 07, 2021	Nov. 16, 2021	Mar. 06, 2022	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2 LISN	00103912	9kHz~30MHz	Dec. 25, 2020	Nov. 16, 2021	Dec. 24, 2021	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 28, 2021	Nov. 16, 2021	Oct. 27, 2022	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 21, 2021	Nov. 16, 2021	Jul. 20, 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% ($U = 2Uc(y)$)	2.2dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1dB
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----- THE END -----



Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Liu Qiu Qiu	Temperature:	21~25	°C
Test Date:	2021/10/22~2021/10/31	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I														
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	16.38	16.38	19.20	19.20	-	-	22.14	22.14		
11a	6Mbps	2	44	5220	16.38	16.38	19.30	19.40	-	-	22.14	22.14		
11a	6Mbps	2	48	5240	16.38	16.38	19.45	19.35	-	-	22.14	22.14		
HT20	MCS0	2	36	5180	17.53	17.53	20.65	20.40	-	-	22.44	22.44		
HT20	MCS0	2	44	5220	17.53	17.53	20.40	20.50	-	-	22.44	22.44		
HT20	MCS0	2	48	5240	17.53	17.53	20.60	20.30	-	-	22.44	22.44		
HT40	MCS0	2	38	5190	36.16	36.16	38.97	38.88	-	-	23.01	23.01		
HT40	MCS0	2	46	5230	36.16	36.16	39.24	38.97	-	-	23.01	23.01		
VHT80	MCS0	2	42	5210	75.28	75.28	81.92	81.60	-	-	23.01	23.01		
VHT160	MCS0	2	50	5250	154.41	154.41	165.76	164.80	-	-	23.01	23.01		
HE20	MCS0	2	36	5180	18.88	18.83	21.10	20.95	-	-	22.75	22.75		
HE20	MCS0	2	44	5220	18.88	18.83	21.05	20.95	-	-	22.75	22.75		
HE20	MCS0	2	48	5240	18.88	18.83	21.20	21.00	-	-	22.75	22.75		
HE40	MCS0	2	38	5190	37.76	37.76	40.05	40.32	-	-	23.01	23.01		
HE40	MCS0	2	46	5230	37.96	37.76	39.96	39.96	-	-	23.01	23.01		
HE80	MCS0	2	42	5210	77.08	76.96	81.92	81.76	-	-	23.01	23.01		
HE160	MCS0	2	50	5250	156.32	156.08	165.44	165.44	-	-	23.01	23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	Full	5180	0.04	0.04	16.97	16.24	19.63	24.00		-2.50		Pass	
11a	6Mbps	2	44	Full	5220	0.04	0.04	16.64	16.01	19.35	24.00		-2.50		Pass	
11a	6Mbps	2	48	Full	5240	0.04	0.04	16.85	16.20	19.55	24.00		-2.50		Pass	
HT20	MCS0	2	36	Full	5180	0.00	0.00	16.83	16.18	19.53	24.00		-2.50		Pass	
HT20	MCS0	2	44	Full	5220	0.00	0.00	16.51	15.90	19.23	24.00		-2.50		Pass	
HT20	MCS0	2	48	Full	5240	0.00	0.00	16.63	16.21	19.44	24.00		-2.50		Pass	
HT40	MCS0	2	38	Full	5190	0.00	0.00	16.90	15.95	19.46	24.00		-2.50		Pass	
HT40	MCS0	2	46	Full	5230	0.00	0.00	16.66	15.72	19.23	24.00		-2.50		Pass	
VHT20	MCS0	2	36	Full	5180	0.00	0.00	16.80	16.15	19.50	24.00		-2.50		Pass	
VHT20	MCS0	2	44	Full	5220	0.00	0.00	16.50	15.85	19.20	24.00		-2.50		Pass	
VHT20	MCS0	2	48	Full	5240	0.00	0.00	16.60	16.14	19.39	24.00		-2.50		Pass	
VHT40	MCS0	2	38	Full	5190	0.00	0.00	16.86	15.93	19.43	24.00		-2.50		Pass	
VHT40	MCS0	2	46	Full	5230	0.00	0.00	16.64	15.62	19.17	24.00		-2.50		Pass	
VHT80	MCS0	2	42	Full	5210	0.00	0.00	16.22	15.35	18.82	24.00		-2.50		Pass	
VHT160	MCS0	2	50	Full	5250	0.00	0.00	13.05	12.15	15.63	24.00		-2.50		Pass	
HE20	MCS0	2	36	Full	5180	0.00	0.00	16.83	16.05	19.47	24.00		-2.50		Pass	
				26/0		0.00	0.00	7.48	6.93	10.22	24.00		-2.50		Pass	
				52/37		0.00	0.00	10.51	10.24	13.39	24.00		-2.50		Pass	
				106/53		0.00	0.00	13.21	12.77	16.01	24.00		-2.50		Pass	
			48	Full	5240	0.00	0.00	16.52	15.89	19.23	24.00		-2.50		Pass	
				Full		0.00	0.00	16.74	16.08	19.43	24.00		-2.50		Pass	
				26/8		0.00	0.00	8.39	8.26	11.34	24.00		-2.50		Pass	
				52/40		0.00	0.00	10.62	10.31	13.48	24.00		-2.50		Pass	
				106/54		0.00	0.00	13.62	13.56	16.60	24.00		-2.50		Pass	
				Full		0.00	0.00	16.24	15.03	18.69	24.00		-2.50		Pass	
HE40	MCS0	2	38	242/61	0.00	0.00	16.67	15.83	19.28	24.00		-2.50		Pass		
				Full	0.00	0.00	16.55	15.61	19.12	24.00		-2.50		Pass		
			46	242/62	0.00	0.00	16.39	15.56	19.01	24.00		-2.50		Pass		
				Full	0.00	0.00	16.13	15.08	18.65	24.00		-2.50		Pass		
HE80	MCS0	2	42	484/65	0.00	0.00	16.11	15.36	18.76	24.00		-2.50		Pass		
				484/66	0.00	0.00	16.19	15.40	18.82	24.00		-2.50		Pass		
				Full	0.00	0.00	13.48	12.98	16.25	24.00		-2.50		Pass		
HE160	MCS0	2	50	996/67	0.00	0.00	14.63	14.52	17.59	24.00		-2.50		Pass		
				996/S67	0.00	0.00	14.48	14.43	17.47	24.00		-2.50		Pass		
				Full	0.00	0.00	13.48	12.98	16.25	24.00		-2.50		Pass		

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
Mod.	Data Rate	N _{TX}	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	Full	5180	0.04	0.04			8.02	11.00		0.26		Pass
11a	6Mbps	2	44	Full	5220	0.04	0.04			7.74	11.00		0.26		Pass
11a	6Mbps	2	48	Full	5240	0.04	0.04			8.04	11.00		0.26		Pass
HT20	MCS0	2	36	Full	5180	0.00	0.00			7.67	11.00		0.26		Pass
HT20	MCS0	2	44	Full	5220	0.00	0.00			7.43	11.00		0.26		Pass
HT20	MCS0	2	48	Full	5240	0.00	0.00			7.68	11.00		0.26		Pass
HT40	MCS0	2	38	Full	5190	0.00	0.00			4.89	11.00		0.26		Pass
HT40	MCS0	2	46	Full	5230	0.00	0.00			4.64	11.00		0.26		Pass
VHT80	MCS0	2	42	Full	5210	0.00	0.00			1.04	11.00		0.26		Pass
VHT160	MCS0	2	50	Full	5250	0.00	0.00			-3.25	11.00		0.26		Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00			7.53	11.00		0.26		Pass
				26/0		0.00	0.00			7.17	11.00		0.26		Pass
				52/37		0.00	0.00			7.29	11.00		0.26		Pass
				106/53		0.00	0.00			7.05	11.00		0.26		Pass
HE20	MCS0	2	44	Full	5220	0.00	0.00			7.28	11.00		0.26		Pass
HE20	MCS0	2	48	Full	5240	0.00	0.00			7.58	11.00		0.26		Pass
				26/8		0.00	0.00			7.02	11.00		0.26		Pass
				52/40		0.00	0.00			7.13	11.00		0.26		Pass
				106/54		0.00	0.00			7.54	11.00		0.26		Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00		4.69	11.00		0.26		Pass	
				242/61		0.00	0.00		7.14	11.00		0.26		Pass	
HE40	MCS0	2	46	Full	5230	0.00	0.00		4.38	11.00		0.26		Pass	
				242/62		0.00	0.00		6.72	11.00		0.26		Pass	
HE80	MCS0	2	42	Full	5210	0.00	0.00		1.21	11.00		0.26		Pass	
				484/65		0.00	0.00		3.38	11.00		0.26		Pass	
				484/66		0.00	0.00		3.39	11.00		0.26		Pass	
HE160	MCS0	2	50	Full	5250	0.00	0.00		-3.03	11.00		0.26		Pass	
				996/67		0.00	0.00		-1.15	11.00		0.26		Pass	
				996/S67		0.00	0.00		-1.25	11.00		0.26		Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II															
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	16.38	16.38	19.40	19.25	23.14		29.14		23.84		
11a	6Mbps	2	60	5300	16.38	16.33	19.30	19.30	23.13		29.13		23.86		
11a	6Mbps	2	64	5320	16.38	16.33	19.25	19.30	23.13		29.13		23.84		
HT20	MCS0	2	52	5260	17.53	17.53	20.35	20.35	23.44		29.44		23.98		
HT20	MCS0	2	60	5300	17.53	17.53	20.60	20.35	23.44		29.44		23.98		
HT20	MCS0	2	64	5320	17.53	17.53	20.40	20.30	23.44		29.44		23.98		
HT40	MCS0	2	54	5270	36.06	36.16	39.06	38.97	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.06	36.06	39.06	39.06	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.28	75.28	82.24	81.92	23.98		30.00		23.98		
HE20	MCS0	2	52	5260	18.88	18.83	21.30	21.10	23.75		29.75		23.98		
HE20	MCS0	2	60	5300	18.93	18.83	21.15	21.15	23.75		29.75		23.98		
HE20	MCS0	2	64	5320	18.88	18.88	21.45	21.00	23.76		29.76		23.98		
HE40	MCS0	2	54	5270	37.86	37.76	39.96	39.96	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	37.76	37.76	39.69	39.96	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	77.08	77.20	82.56	82.56	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.04	0.04	16.74	16.09	19.44	23.84	-2.50	26.99	Pass		
11a	6Mbps	2	60	Full	5300	0.04	0.04	16.96	16.02	19.53	23.86	-2.50	26.99	Pass		
11a	6Mbps	2	64	Full	5320	0.04	0.04	16.86	15.97	19.45	23.84	-2.50	26.99	Pass		
HT20	MCS0	2	52	Full	5260	0.00	0.00	16.55	15.98	19.28	23.98	-2.50	26.99	Pass		
HT20	MCS0	2	60	Full	5300	0.00	0.00	16.73	15.93	19.36	23.98	-2.50	26.99	Pass		
HT20	MCS0	2	64	Full	5320	0.00	0.00	16.54	15.90	19.24	23.98	-2.50	26.99	Pass		
HT40	MCS0	2	54	Full	5270	0.00	0.00	16.77	15.86	19.35	23.98	-2.50	26.99	Pass		
HT40	MCS0	2	62	Full	5310	0.00	0.00	16.95	15.92	19.48	23.98	-2.50	26.99	Pass		
VHT20	MCS0	2	52	Full	5260	0.00	0.00	16.52	15.95	19.25	23.98	-2.50	26.99	Pass		
VHT20	MCS0	2	60	Full	5300	0.00	0.00	16.70	15.90	19.33	23.98	-2.50	26.99	Pass		
VHT20	MCS0	2	64	Full	5320	0.00	0.00	16.51	15.87	19.21	23.98	-2.50	26.99	Pass		
VHT40	MCS0	2	54	Full	5270	0.00	0.00	16.70	15.76	19.27	23.98	-2.50	26.99	Pass		
VHT40	MCS0	2	62	Full	5310	0.00	0.00	16.90	15.82	19.40	23.98	-2.50	26.99	Pass		
VHT80	MCS0	2	58	Full	5290	0.00	0.00	16.05	15.17	18.64	23.98	-2.50	26.99	Pass		
HE20	MCS0	2	52	Full	5260	0.00	0.00	16.64	15.98	19.33	23.98	-2.50	26.99	Pass		
				26/0		0.00	0.00	8.73	8.49	11.62	23.98	-2.50	26.99	Pass		
				52/37		0.00	0.00	10.58	10.33	13.47	23.98	-2.50	26.99	Pass		
				106/53		0.00	0.00	13.08	12.67	15.89	23.98	-2.50	26.99	Pass		
			60	Full	5300	0.00	0.00	16.84	15.90	19.41	23.98	-2.50	26.99	Pass		
				Full		5320	0.00	0.00	16.75	15.85	19.33	23.98	-2.50	26.99	Pass	
				26/8			0.00	0.00	8.43	8.02	11.24	23.98	-2.50	26.99	Pass	
				52/40			0.00	0.00	10.51	10.15	13.34	23.98	-2.50	26.99	Pass	
64	106/54	0.00	0.00	13.65	13.16		16.42	23.98	-2.50	26.99	Pass					
	HE40	MCS0	2	54	Full	5270	0.00	0.00	16.66	15.78	19.25	23.98	-2.50	26.99	Pass	
					242/61		0.00	0.00	16.52	15.63	19.11	23.98	-2.50	26.99	Pass	
				62	Full	5310	0.00	0.00	16.86	15.73	19.34	23.98	-2.50	26.99	Pass	
242/62					0.00		0.00	16.63	15.62	19.16	23.98	-2.50	26.99	Pass		
HE80	MCS0	2	58	Full	5290	0.00	0.00	15.83	15.01	18.45	23.98	-2.50	26.99	Pass		
				484/65		0.00	0.00	16.05	15.34	18.72	23.98	-2.50	26.99	Pass		
				484/66		0.00	0.00	15.97	15.39	18.70	23.98	-2.50	26.99	Pass		

TEST RESULTS DATA
Power Spectral Density

Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.04	0.04			7.95	11.00	0.26			Pass	
11a	6Mbps	2	60	Full	5300	0.04	0.04			8.08	11.00	0.26			Pass	
11a	6Mbps	2	64	Full	5320	0.04	0.04			7.97	11.00	0.26			Pass	
HT20	MCS0	2	52	Full	5260	0.00	0.00			7.62	11.00	0.26			Pass	
HT20	MCS0	2	60	Full	5300	0.00	0.00			7.73	11.00	0.26			Pass	
HT20	MCS0	2	64	Full	5320	0.00	0.00			7.63	11.00	0.26			Pass	
HT40	MCS0	2	54	Full	5270	0.00	0.00			4.78	11.00	0.26			Pass	
HT40	MCS0	2	62	Full	5310	0.00	0.00			4.82	11.00	0.26			Pass	
VHT80	MCS0	2	58	Full	5290	0.00	0.00			0.89	11.00	0.26			Pass	
HE20	MCS0	2	52	Full	5260	0.00	0.00			7.51	11.00	0.26			Pass	
				26/0		0.00	0.00			7.47	11.00	0.26			Pass	
				52/37		0.00	0.00			7.13	11.00	0.26			Pass	
				106/53		0.00	0.00			6.89	11.00	0.26			Pass	
HE20	MCS0	2	60	Full	5300	0.00	0.00			7.65	11.00	0.26			Pass	
HE20	MCS0	2	64	Full	5320	0.00	0.00			7.58	11.00	0.26			Pass	
				26/8		0.00	0.00			7.02	11.00	0.26			Pass	
				52/40		0.00	0.00	7.09	11.00	0.26		Pass				
				106/54		0.00	0.00	7.49	11.00	0.26		Pass				
HE40	MCS0	2	54	Full	5270	0.00	0.00	4.58	11.00	0.26		Pass				
				242/61		0.00	0.00	6.86	11.00	0.26		Pass				
HE40	MCS0	2	62	Full	5310	0.00	0.00	4.69	11.00	0.26		Pass				
				242/62		0.00	0.00	6.97	11.00	0.26		Pass				
HE80	MCS0	2	58	Full	5290	0.00	0.00	1.12	11.00	0.26		Pass				
				484/65		0.00	0.00	3.25	11.00	0.26		Pass				
				484/66		0.00	0.00	3.29	11.00	0.26		Pass				

TEST RESULTS DATA
26dB and 99% OBW

Band III															
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	100	5500	16.38	16.33	19.30	19.30	23.13		29.13		23.86		
11a	6Mbps	2	116	5580	16.38	16.33	19.25	19.10	23.13		29.13		23.81		
11a	6Mbps	2	140	5700	16.38	16.33	19.30	19.20	23.13		29.13		23.83		
HT20	MCS0	2	100	5500	17.53	17.53	20.45	20.30	23.44		29.44		23.98		
HT20	MCS0	2	116	5580	17.53	17.53	20.40	20.40	23.44		29.44		23.98		
HT20	MCS0	2	140	5700	17.53	17.53	20.60	20.40	23.44		29.44		23.98		
HT40	MCS0	2	102	5510	36.06	36.16	39.15	39.24	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	36.16	36.16	38.97	39.15	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	36.16	36.16	39.06	39.24	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	75.28	75.28	82.72	81.92	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	75.28	75.28	82.40	81.60	23.98		30.00		23.98		
VHT160	MCS0	2	114	5570	154.41	154.41	166.08	164.48	23.98		30.00		23.98		
HE20	MCS0	2	100	5500	18.88	18.83	21.05	21.20	23.75		29.75		23.98		
HE20	MCS0	2	116	5580	18.88	18.88	21.30	20.90	23.76		29.76		23.98		
HE20	MCS0	2	140	5700	18.83	18.83	21.20	21.05	23.75		29.75		23.98		
HE40	MCS0	2	102	5510	37.86	37.86	39.96	39.96	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	37.86	37.76	40.05	39.96	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	37.96	37.76	39.96	39.96	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	77.20	77.08	82.08	82.08	23.98		30.00		23.98		
HE80	MCS0	2	122	5610	77.08	77.20	82.40	81.92	23.98		30.00		23.98		
HE160	MCS0	2	114	5570	156.08	156.08	165.44	165.12	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

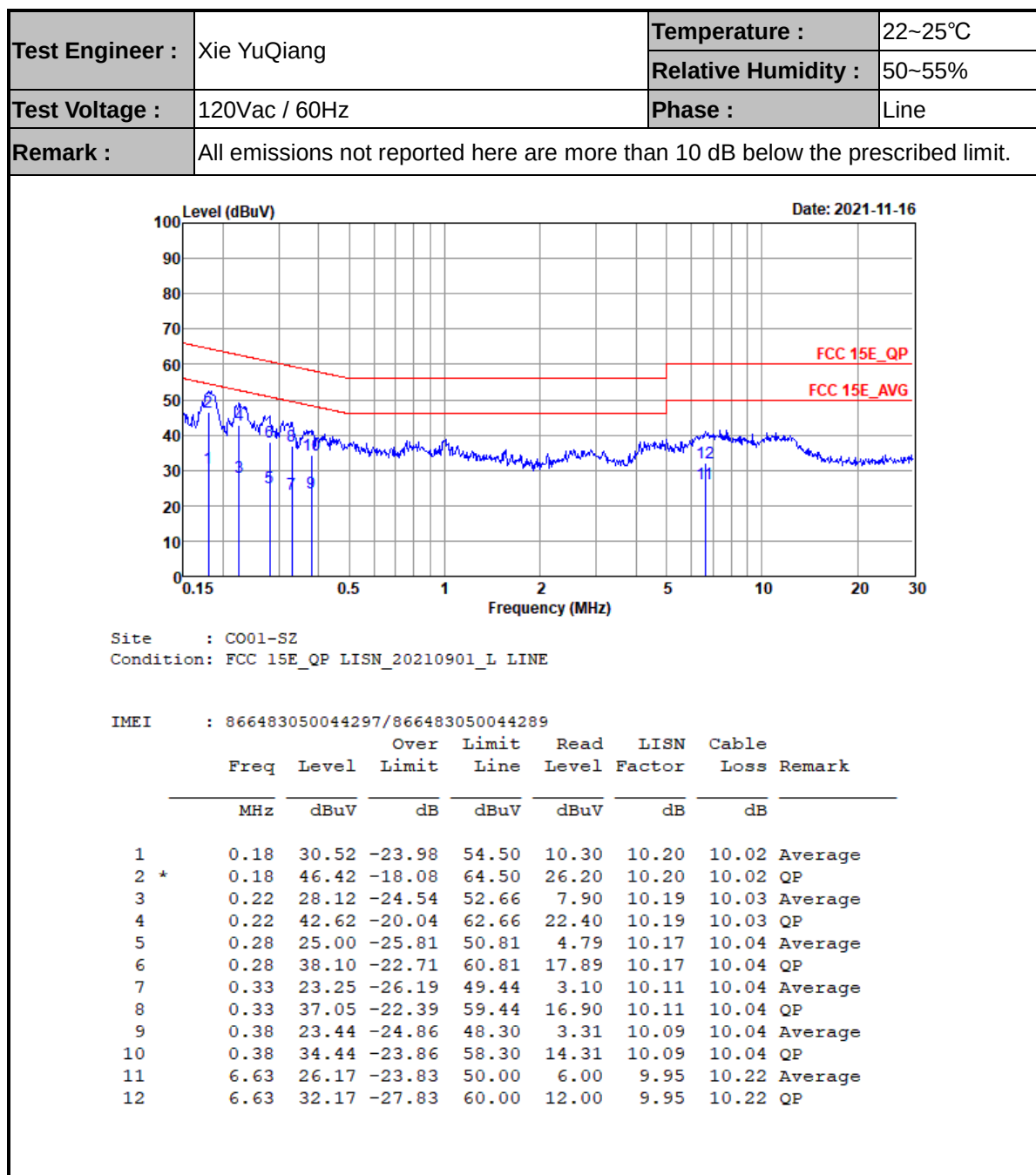
FCC Band III																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.04	0.04	16.65	16.12	19.41	23.86		-2.50	26.99	Pass	
11a	6Mbps	2	116	Full	5580	0.04	0.04	16.61	16.00	19.33	23.81		-2.50	26.99	Pass	
11a	6Mbps	2	140	Full	5700	0.04	0.04	16.64	16.16	19.42	23.83		-2.50	26.99	Pass	
HT20	MCS0	2	100	Full	5500	0.00	0.00	16.53	15.96	19.26	23.98		-2.50	26.99	Pass	
HT20	MCS0	2	116	Full	5580	0.00	0.00	16.52	15.87	19.22	23.98		-2.50	26.99	Pass	
HT20	MCS0	2	140	Full	5700	0.00	0.00	16.44	16.02	19.25	23.98		-2.50	26.99	Pass	
HT40	MCS0	2	102	Full	5510	0.00	0.00	16.73	16.02	19.40	23.98		-2.50	26.99	Pass	
HT40	MCS0	2	110	Full	5550	0.00	0.00	16.51	15.82	19.19	23.98		-2.50	26.99	Pass	
HT40	MCS0	2	134	Full	5670	0.00	0.00	16.52	15.75	19.16	23.98		-2.50	26.99	Pass	
VHT20	MCS0	2	100	Full	5500	0.00	0.00	16.50	15.94	19.24	23.98		-2.50	26.99	Pass	
VHT20	MCS0	2	116	Full	5580	0.00	0.00	16.49	15.85	19.19	23.98		-2.50	26.99	Pass	
VHT20	MCS0	2	140	Full	5700	0.00	0.00	16.41	16.00	19.22	23.98		-2.50	26.99	Pass	
VHT40	MCS0	2	102	Full	5510	0.00	0.00	16.68	16.00	19.36	23.98		-2.50	26.99	Pass	
VHT40	MCS0	2	110	Full	5550	0.00	0.00	16.48	15.80	19.16	23.98		-2.50	26.99	Pass	
VHT40	MCS0	2	134	Full	5670	0.00	0.00	16.45	15.71	19.11	23.98		-2.50	26.99	Pass	
VHT80	MCS0	2	106	Full	5530	0.00	0.00	15.93	15.43	18.70	23.98		-2.50	26.99	Pass	
VHT80	MCS0	2	122	Full	5610	0.00	0.00	15.85	15.08	18.49	23.98		-2.50	26.99	Pass	
VHT160	MCS0	2	114	Full	5570	0.00	0.00	13.01	12.36	15.71	23.98		-2.50	26.99	Pass	
HE20	MCS0	2	100	Full	5500	0.00	0.00	16.50	16.03	19.28	23.98		-2.50	26.99	Pass	
				26/0		0.00	0.00	8.36	8.21	11.30	23.98		-2.50	26.99	Pass	
				52/37		0.00	0.00	10.55	10.23	13.40	23.98		-2.50	26.99	Pass	
				106/53		0.00	0.00	13.08	12.80	15.95	23.98		-2.50	26.99	Pass	
			116	Full	5580	0.00	0.00	16.53	15.86	19.22	23.98		-2.50	26.99	Pass	
				Full		0.00	0.00	16.58	16.06	19.34	23.98		-2.50	26.99	Pass	
				26/8		0.00	0.00	8.24	8.15	11.21	23.98		-2.50	26.99	Pass	
				52/40		0.00	0.00	10.66	10.27	13.48	23.98		-2.50	26.99	Pass	
HE40	MCS0	2	102	Full	5510	0.00	0.00	16.59	15.82	19.23	23.98		-2.50	26.99	Pass	
				242/61		0.00	0.00	15.02	14.28	17.68	23.98		-2.50	26.99	Pass	
			110	Full	5550	0.00	0.00	16.30	15.71	19.03	23.98		-2.50	26.99	Pass	
				Full		0.00	0.00	16.42	15.66	19.07	23.98		-2.50	26.99	Pass	
			134	242/62	5670	0.00	0.00	16.21	15.54	18.90	23.98		-2.50	26.99	Pass	
				Full		0.00	0.00	15.91	15.13	18.55	23.98		-2.50	26.99	Pass	
HE80	MCS0	2	106	Full	5530	0.00	0.00	15.91	15.13	18.55	23.98		-2.50	26.99	Pass	
484/65	0.00			0.00		13.48	12.89	16.21	23.98		-2.50	26.99	Pass			
HE80	MCS0		122	Full	5610	0.00	0.00	16.04	15.30	18.70	23.98		-2.50	26.99	Pass	
				484/66		0.00	0.00	15.95	15.27	18.63	23.98		-2.50	26.99	Pass	
HE160	MCS0	2	114	Full	5570	0.00	0.00	12.41	11.85	15.15	23.98		-2.50	26.99	Pass	
				996/67		0.00	0.00	11.98	11.31	14.67	23.98		-2.50	26.99	Pass	
				996/S67		0.00	0.00	12.29	11.23	14.80	23.98		-2.50	26.99	Pass	

TEST RESULTS DATA
Power Spectral Density

Band III																
Mod.	Data Rate	N _{TX}	CH.		Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.04	0.04			7.95	11.00		0.26		Pass	
11a	6Mbps	2	116	Full	5580	0.04	0.04			7.85	11.00		0.26		Pass	
11a	6Mbps	2	140	Full	5700	0.04	0.04			7.97	11.00		0.26		Pass	
HT20	MCS0	2	100	Full	5500	0.00	0.00			7.65	11.00		0.26		Pass	
HT20	MCS0	2	116	Full	5580	0.00	0.00			7.50	11.00		0.26		Pass	
HT20	MCS0	2	140	Full	5700	0.00	0.00			7.55	11.00		0.26		Pass	
HT40	MCS0	2	102	Full	5510	0.00	0.00			4.73	11.00		0.26		Pass	
HT40	MCS0	2	110	Full	5550	0.00	0.00			4.56	11.00		0.26		Pass	
HT40	MCS0	2	134	Full	5670	0.00	0.00			4.49	11.00		0.26		Pass	
VHT80	MCS0	2	106	Full	5530	0.00	0.00			0.89	11.00		0.26		Pass	
VHT80	MCS0	2	122	Full	5610	0.00	0.00			0.59	11.00		0.26		Pass	
VHT160	MCS0	2	114	Full	5570	0.00	0.00			-3.38	11.00		0.26		Pass	
HE20	MCS0	2	100	Full	5500	0.00	0.00			7.54	11.00		0.26		Pass	
				26/0		0.00	0.00			7.09	11.00		0.26		Pass	
				52/37		0.00	0.00			7.16	11.00		0.26		Pass	
				106/53		0.00	0.00			6.95	11.00		0.26		Pass	
HE20	MCS0	2	116	Full	5580	0.00	0.00			7.41	11.00		0.26		Pass	
HE20	MCS0	2	140	Full	5700	0.00	0.00			7.49	11.00		0.26		Pass	
				26/8		0.00	0.00			7.06	11.00		0.26		Pass	
				52/40		0.00	0.00			7.28	11.00		0.26		Pass	
				106/54		0.00	0.00			6.97	11.00		0.26		Pass	
HE40	MCS0	2	102	Full	5510	0.00	0.00			4.57	11.00		0.26		Pass	
				242/61		0.00	0.00			6.73	11.00		0.26		Pass	
HE40	MCS0	2	110	Full	5550	0.00	0.00			4.37	11.00		0.26		Pass	
HE40	MCS0	2	134	Full	5670	0.00	0.00		4.27	11.00		0.26		Pass		
				242/62		0.00	0.00		6.65	11.00		0.26		Pass		
HE80	MCS0	2	106	Full	5530	0.00	0.00		1.11	11.00		0.26		Pass		
				484/65		0.00	0.00		3.37	11.00		0.26		Pass		
HE80	MCS0	2	122	Full	5610	0.00	0.00		0.81	11.00		0.26		Pass		
				484/66		0.00	0.00		3.06	11.00		0.26		Pass		
HE160	MCS0	2	114	Full	5570	0.00	0.00		-3.16	11.00		0.26		Pass		
				996/67		0.00	0.00		-1.31	11.00		0.26		Pass		
				996/S67		0.00	0.00		-1.35	11.00		0.26		Pass		

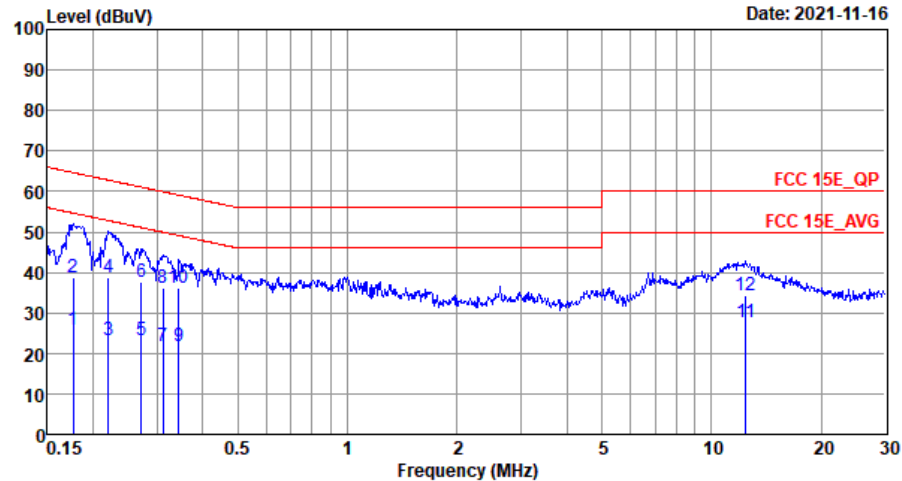


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Xie YuQiang	Temperature :	22~25°C
		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

IMEI : 866483050044297/866483050044289

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.18	25.92	-28.72	54.64	5.60	10.30	10.02	Average
2	0.18	38.82	-25.82	64.64	18.50	10.30	10.02	QP
3	0.22	23.20	-29.59	52.79	2.90	10.27	10.03	Average
4	0.22	38.70	-24.09	62.79	18.40	10.27	10.03	QP
5	0.27	23.27	-27.80	51.07	3.00	10.23	10.04	Average
6	0.27	37.67	-23.40	61.07	17.40	10.23	10.04	QP
7	0.31	21.74	-28.19	49.93	1.50	10.20	10.04	Average
8	0.31	36.04	-23.89	59.93	15.80	10.20	10.04	QP
9	0.34	21.72	-27.37	49.09	1.51	10.17	10.04	Average
10	0.34	36.22	-22.87	59.09	16.01	10.17	10.04	QP
11 *	12.45	27.64	-22.36	50.00	7.50	9.93	10.21	Average
12	12.45	34.14	-25.86	60.00	14.00	9.93	10.21	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5001.82	55.24	-18.76	74	38.6	33.8	9.95	27.11	104	36	P	H
		5021.84	46.28	-7.72	54	29.69	33.8	9.95	27.16	104	36	A	H
	*	5180	112.72	-	-	96.23	34	10.09	27.6	104	36	P	H
		5180	105.62	-	-	89.13	34	10.09	27.6	104	36	A	H
		5147.68	55.39	-18.61	74	38.84	34	10.06	27.51	116	19	P	V
		5000.26	45.74	-8.26	54	29.09	33.8	9.95	27.1	116	19	A	V
	*	5180	106.53	-	-	90.04	34	10.09	27.6	116	19	P	V
		5180	99.74	-	-	83.25	34	10.09	27.6	116	19	A	V
802.11a CH 44 5220MHz		5105.82	55.91	-18.09	74	39.36	33.93	10.02	27.4	105	40	P	H
		5062.14	46.5	-7.5	54	29.95	33.83	9.99	27.27	105	40	A	H
	*	5220	112.94	-	-	96.5	34.03	10.13	27.72	105	40	P	H
		5220	105.71	-	-	89.27	34.03	10.13	27.72	105	40	A	H
		5431.92	54.04	-19.96	74	37.77	34.2	10.38	28.31	105	40	P	H
		5368.56	44.27	-9.73	54	27.9	34.2	10.3	28.13	105	40	A	H
		5047.06	55.29	-18.71	74	38.73	33.8	9.99	27.23	109	11	P	V
		5000	45.56	-8.44	54	28.91	33.8	9.95	27.1	109	11	A	V
	*	5220	106.74	-	-	90.3	34.03	10.13	27.72	109	11	P	V
		5220	99.71	-	-	83.27	34.03	10.13	27.72	109	11	A	V
		5382.72	54.02	-19.98	74	37.69	34.2	10.3	28.17	109	11	P	V
		5449.92	43.57	-10.43	54	27.35	34.2	10.38	28.36	109	11	A	V
802.11a CH 48 5240MHz		5031.98	55.7	-18.3	74	39.14	33.8	9.95	27.19	104	39	P	H
		5091.52	46.67	-7.33	54	30.11	33.9	10.02	27.36	104	39	A	H
	*	5240	112.56	-	-	96.09	34.07	10.17	27.77	104	39	P	H
		5240	105.6	-	-	89.13	34.07	10.17	27.77	104	39	A	H
		5385.6	54.13	-19.87	74	37.81	34.2	10.3	28.18	104	39	P	H
		5394.48	44.21	-9.79	54	27.87	34.2	10.34	28.2	104	39	A	H
		5033.02	55.07	-18.93	74	38.51	33.8	9.95	27.19	116	13	P	V
		5089.44	45.56	-8.44	54	28.99	33.9	10.02	27.35	116	13	A	V
	*	5240	106.37	-	-	89.9	34.07	10.17	27.77	116	13	P	V
		5240	98.63	-	-	82.16	34.07	10.17	27.77	116	13	A	V
		5383.92	53.48	-20.52	74	37.15	34.2	10.3	28.17	116	13	P	V
		5451.12	43.53	-10.47	54	27.31	34.2	10.38	28.36	116	13	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	47.55	-20.75	68.3	57.76	37.22	11.56	58.99	-	-	P	H
		15540	47.77	-26.23	74	51.85	40.13	14.74	58.95	-	-	P	H
		10360	47.49	-20.81	68.3	57.7	37.22	11.56	58.99	-	-	P	V
		15540	47.69	-26.31	74	51.77	40.13	14.74	58.95	-	-	P	V
802.11a CH 44 5220MHz		10440	47.2	-21.1	68.3	57.25	37.26	11.61	58.92	-	-	P	H
		15660	47.29	-26.71	74	51.36	40.22	14.78	59.07	-	-	P	H
		10440	46.49	-21.81	68.3	56.54	37.26	11.61	58.92	-	-	P	V
		15660	46.53	-27.47	74	50.6	40.22	14.78	59.07	-	-	P	V
802.11a CH 48 5240MHz		10480	48.58	-19.72	68.3	58.54	37.29	11.61	58.86	-	-	P	H
		15720	46.67	-27.33	74	50.77	40.28	14.74	59.12	-	-	P	H
		10480	48.22	-20.08	68.3	58.18	37.29	11.61	58.86	-	-	P	V
		15720	46.49	-27.51	74	50.59	40.28	14.74	59.12	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5145.08	54.8	-19.2	74	38.25	34	10.06	27.51	108	38	P	H
		5027.56	45.73	-8.27	54	29.16	33.8	9.95	27.18	108	38	A	H
	*	5180	112.03	-	-	95.54	34	10.09	27.6	108	38	P	H
		5180	104.62	-	-	88.13	34	10.09	27.6	108	38	A	H
		5018.2	54.39	-19.61	74	37.79	33.8	9.95	27.15	107	21	P	V
		5000	45.42	-8.58	54	28.77	33.8	9.95	27.1	107	21	A	V
	*	5180	105.29	-	-	88.8	34	10.09	27.6	107	21	P	V
802.11n HT20 CH 44 5220MHz		5095.94	56.4	-17.6	74	39.85	33.9	10.02	27.37	105	35	P	H
		5067.6	46.17	-7.83	54	29.64	33.83	9.99	27.29	105	35	A	H
	*	5220	111.43	-	-	94.99	34.03	10.13	27.72	105	35	P	H
		5220	103.68	-	-	87.24	34.03	10.13	27.72	105	35	A	H
		5437.92	53.57	-20.43	74	37.32	34.2	10.38	28.33	105	35	P	H
		5355.12	44.13	-9.87	54	27.72	34.2	10.3	28.09	105	35	A	H
		5011.44	54.76	-19.24	74	38.14	33.8	9.95	27.13	105	20	P	V
		5069.94	45.44	-8.56	54	28.92	33.83	9.99	27.3	105	20	A	V
	*	5220	105.98	-	-	89.54	34.03	10.13	27.72	105	20	P	V
		5220	98.58	-	-	82.14	34.03	10.13	27.72	105	20	A	V
		5453.76	54.09	-19.91	74	37.88	34.2	10.38	28.37	105	20	P	V
802.11n HT20 CH 48 5240MHz		5454.96	43.5	-10.5	54	27.29	34.2	10.38	28.37	105	20	A	V
		5010.66	55.1	-18.9	74	38.48	33.8	9.95	27.13	104	39	P	H
		5088.14	46.36	-7.64	54	29.82	33.87	10.02	27.35	104	39	A	H
	*	5240	112.32	-	-	95.85	34.07	10.17	27.77	104	39	P	H
		5240	104.73	-	-	88.26	34.07	10.17	27.77	104	39	A	H
		5367.84	54.45	-19.55	74	38.08	34.2	10.3	28.13	104	39	P	H
		5394	44.17	-9.83	54	27.83	34.2	10.34	28.2	104	39	A	H
		5021.58	55.38	-18.62	74	38.79	33.8	9.95	27.16	104	18	P	V
		5091.26	45.39	-8.61	54	28.83	33.9	10.02	27.36	104	18	A	V
	*	5240	104.25	-	-	87.78	34.07	10.17	27.77	104	18	P	V
		5240	96.6	-	-	80.13	34.07	10.17	27.77	104	18	A	V
Remark		5376.24	52.92	-21.08	74	36.57	34.2	10.3	28.15	104	18	P	V
		5450.64	43.5	-10.5	54	27.28	34.2	10.38	28.36	104	18	A	V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



UNII-1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10360	47.48	-20.82	68.3	57.69	37.22	11.56	58.99	-	-	P	H
		15540	47.14	-26.86	74	51.22	40.13	14.74	58.95	-	-	P	H
		10360	46.25	-22.05	68.3	56.46	37.22	11.56	58.99	-	-	P	V
		15540	47.12	-26.88	74	51.2	40.13	14.74	58.95	-	-	P	V
802.11n HT20 CH 44 5220MHz		10440	46.04	-22.26	68.3	56.09	37.26	11.61	58.92	-	-	P	H
		15660	47.01	-26.99	74	51.08	40.22	14.78	59.07	-	-	P	H
		10440	46.62	-21.68	68.3	56.67	37.26	11.61	58.92	-	-	P	V
		15660	47.04	-26.96	74	51.11	40.22	14.78	59.07	-	-	P	V
802.11n HT20 CH 48 5240MHz		10480	47.59	-20.71	68.3	57.55	37.29	11.61	58.86	-	-	P	H
		15720	46.95	-27.05	74	51.05	40.28	14.74	59.12	-	-	P	H
		10480	46.22	-22.08	68.3	56.18	37.29	11.61	58.86	-	-	P	V
		15720	47.16	-26.84	74	51.26	40.28	14.74	59.12	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5149.76	57.2	-16.8	74	40.66	34	10.06	27.52	105	39	P	H
		5150	47.99	-6.01	54	31.45	34	10.06	27.52	105	39	A	H
	*	5190	110.08	-	-	93.62	34	10.09	27.63	105	39	P	H
		5190	102.46	-	-	86	34	10.09	27.63	105	39	A	H
		5440.12	54.81	-19.19	74	38.56	34.2	10.38	28.33	105	39	P	H
		5354.44	43.89	-10.11	54	27.48	34.2	10.3	28.09	105	39	A	H
		5034.84	56.46	-17.54	74	39.91	33.8	9.95	27.2	173	16	P	V
		5150	46.07	-7.93	54	29.53	34	10.06	27.52	173	16	A	V
	*	5190	104.82	-	-	88.36	34	10.09	27.63	173	16	P	V
		5190	98.46	-	-	82	34	10.09	27.63	173	16	A	V
		5433.12	53.78	-20.22	74	37.51	34.2	10.38	28.31	173	16	P	V
		5450.76	43.59	-10.41	54	27.37	34.2	10.38	28.36	173	16	A	V
802.11n HT40 CH 46 5230MHz		5004.42	54.89	-19.11	74	38.25	33.8	9.95	27.11	195	40	P	H
		5078.78	46.17	-7.83	54	29.6	33.87	10.02	27.32	195	40	A	H
	*	5230	109.29	-	-	92.83	34.07	10.13	27.74	195	40	P	H
		5230	100.01	-	-	83.55	34.07	10.13	27.74	195	40	A	H
		5401.68	53.75	-20.25	74	37.43	34.2	10.34	28.22	195	40	P	H
		5355.6	43.91	-10.09	54	27.51	34.2	10.3	28.1	195	40	A	H
		5087.1	55.37	-18.63	74	38.82	33.87	10.02	27.34	108	18	P	V
		5000	45.76	-8.24	54	29.11	33.8	9.95	27.1	108	18	A	V
	*	5230	103.1	-	-	86.64	34.07	10.13	27.74	108	18	P	V
		5230	99.45	-	-	82.99	34.07	10.13	27.74	108	18	A	V
		5434.08	53.42	-20.58	74	37.16	34.2	10.38	28.32	108	18	P	V
		5450.4	43.72	-10.28	54	27.5	34.2	10.38	28.36	108	18	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		10380	47.33	-20.97	68.3	57.49	37.23	11.59	58.98	-	-	P	H
		15570	46.84	-27.16	74	50.86	40.16	14.79	58.97	-	-	P	H
		10380	47.02	-21.28	68.3	57.18	37.23	11.59	58.98	-	-	P	V
		15570	47.27	-26.73	74	51.29	40.16	14.79	58.97	-	-	P	V
802.11n HT40 CH 46 5230MHz		10460	47.05	-21.25	68.3	57.05	37.27	11.61	58.88	-	-	P	H
		15690	47.01	-26.99	74	51.1	40.25	14.74	59.08	-	-	P	H
		10460	46.43	-21.87	68.3	56.43	37.27	11.61	58.88	-	-	P	V
		15690	47.27	-26.73	74	51.36	40.25	14.74	59.08	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5141.96	56.12	-17.88	74	39.56	34	10.06	27.5	104	38	P	H
		5149.76	47.69	-6.31	54	31.15	34	10.06	27.52	104	38	A	H
	*	5210	104.36	-	-	87.89	34.03	10.13	27.69	104	38	P	H
		5210	98.48	-	-	82.01	34.03	10.13	27.69	104	38	A	H
		5436.72	53.85	-20.15	74	37.59	34.2	10.38	28.32	104	38	P	H
		5356.8	44.06	-9.94	54	27.66	34.2	10.3	28.1	104	38	A	H
		5091	55.74	-18.26	74	39.17	33.9	10.02	27.35	184	8	P	V
		5146.64	46.28	-7.72	54	29.73	34	10.06	27.51	184	8	A	V
	*	5210	99.81	-	-	83.34	34.03	10.13	27.69	184	8	P	V
		5210	92.48	-	-	76.01	34.03	10.13	27.69	184	8	A	V
		5407.44	53.51	-20.49	74	37.21	34.2	10.34	28.24	184	8	P	V
		5356.32	43.63	-10.37	54	27.23	34.2	10.3	28.1	184	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		10420	45.12	-23.18	68.3	55.2	37.25	11.61	58.94	-	-	P	H
		15630	47.37	-26.63	74	51.39	40.21	14.8	59.03	-	-	P	H
		10420	46.56	-21.74	68.3	56.64	37.25	11.61	58.94	-	-	P	V
		15630	46.92	-27.08	74	50.94	40.21	14.8	59.03	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT160 CH 50 5250MHz		5125.84	56.97	-17.03	74	40.39	33.97	10.06	27.45	100	46	P	H
		5132.86	47.15	-6.85	54	30.59	33.97	10.06	27.47	100	46	A	H
	*	5250	102.33	-	-	85.86	34.1	10.17	27.8	100	46	P	H
		5250	94.73	-	-	78.26	34.1	10.17	27.8	100	46	A	H
		5380.8	57.42	-16.58	74	41.09	34.2	10.3	28.17	100	46	P	H
		5351.04	47.92	-6.08	54	31.5	34.2	10.3	28.08	100	46	A	H
		5042.9	55.93	-18.07	74	39.36	33.8	9.99	27.22	169	19	P	V
		5000	45.83	-8.17	54	29.18	33.8	9.95	27.1	169	19	A	V
	*	5250	92.73	-	-	76.26	34.1	10.17	27.8	169	19	P	V
		5250	85.6	-	-	69.13	34.1	10.17	27.8	169	19	A	V
		5411.04	54.72	-19.28	74	38.43	34.2	10.34	28.25	169	19	P	V
		5360.88	44.29	-9.71	54	27.9	34.2	10.3	28.11	169	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1 5150~5250MHz
WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT160 CH 50 5250MHz		10500	47.36	-20.94	68.3	57.29	37.3	11.61	58.84	-	-	P	H
		15750	47.91	-26.09	74	51.98	40.31	14.77	59.15	-	-	P	H
		10500	47.48	-20.82	68.3	57.41	37.3	11.61	58.84	-	-	P	V
		15750	47.33	-26.67	74	51.4	40.31	14.77	59.15	-	-	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 36 5180MHz		5075.14	55.85	-18.15	74	39.3	33.87	9.99	27.31	104	57	P	H
		5025.22	46.47	-7.53	54	29.89	33.8	9.95	27.17	104	57	A	H
	*	5180	112.54	-	-	96.05	34	10.09	27.6	104	57	P	H
		5180	106.49	-	-	90	34	10.09	27.6	104	57	A	H
		5110.76	56.46	-17.54	74	39.92	33.93	10.02	27.41	104	19	P	V
		5000.26	45.65	-8.35	54	29	33.8	9.95	27.1	104	19	A	V
	*	5180	107.06	-	-	90.57	34	10.09	27.6	104	19	P	V
		5180	106.49	-	-	90	34	10.09	27.6	104	19	A	V
802.11ax HE20 Full CH 44 5220MHz		5066.3	55.19	-18.81	74	38.66	33.83	9.99	27.29	104	39	P	H
		5067.6	46.51	-7.49	54	29.98	33.83	9.99	27.29	104	39	A	H
	*	5220	113.65	-	-	97.21	34.03	10.13	27.72	104	39	P	H
		5220	106.57	-	-	90.13	34.03	10.13	27.72	104	39	A	H
		5388.72	55.57	-18.43	74	39.22	34.2	10.34	28.19	104	39	P	H
		5365.2	44.26	-9.74	54	27.88	34.2	10.3	28.12	104	39	A	H
		5010.66	55.36	-18.64	74	38.74	33.8	9.95	27.13	104	12	P	V
		5072.02	45.7	-8.3	54	29.14	33.87	9.99	27.3	104	12	A	V
	*	5220	105.93	-	-	89.49	34.03	10.13	27.72	104	12	P	V
		5220	98.58	-	-	82.14	34.03	10.13	27.72	104	12	A	V
		5453.76	52.76	-21.24	74	36.55	34.2	10.38	28.37	104	12	P	V
		5446.32	43.76	-10.24	54	27.53	34.2	10.38	28.35	104	12	A	V
802.11ax HE20 Full CH 48 5240MHz		5120.9	56.16	-17.84	74	39.61	33.93	10.06	27.44	104	57	P	H
		5085.8	46.99	-7.01	54	30.44	33.87	10.02	27.34	104	57	A	H
	*	5240	113.58	-	-	97.11	34.07	10.17	27.77	104	57	P	H
		5240	106.59	-	-	90.12	34.07	10.17	27.77	104	57	A	H
		5387.76	54.64	-19.36	74	38.29	34.2	10.34	28.19	104	57	P	H
		5392.8	44.67	-9.33	54	28.33	34.2	10.34	28.2	104	57	A	H
		5036.92	55.45	-18.55	74	38.86	33.8	9.99	27.2	104	20	P	V
		5091.26	45.81	-8.19	54	29.25	33.9	10.02	27.36	104	20	A	V
	*	5240	106.8	-	-	90.33	34.07	10.17	27.77	104	20	P	V
		5240	98.73	-	-	82.26	34.07	10.17	27.77	104	20	A	V
		5354.16	53.01	-20.99	74	36.6	34.2	10.3	28.09	104	20	P	V
		5450.4	43.76	-10.24	54	27.54	34.2	10.38	28.36	104	20	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 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 36 5180MHz		10360	46.74	-21.56	68.3	56.95	37.22	11.56	58.99	-	-	P	H
		15540	47.33	-26.67	74	51.41	40.13	14.74	58.95	-	-	P	H
		10360	46.64	-21.66	68.3	56.85	37.22	11.56	58.99	-	-	P	V
		15540	46.23	-27.77	74	50.31	40.13	14.74	58.95	-	-	P	V
802.11ax HE20 Full CH 44 5220MHz		10440	47.48	-20.82	68.3	57.53	37.26	11.61	58.92	-	-	P	H
		15660	47.11	-26.89	74	51.18	40.22	14.78	59.07	-	-	P	H
		10440	46.86	-21.44	68.3	56.91	37.26	11.61	58.92	-	-	P	V
		15660	47.62	-26.38	74	51.69	40.22	14.78	59.07	-	-	P	V
802.11ax HE20 Full CH 48 5240MHz		10480	46.14	-22.16	68.3	56.1	37.29	11.61	58.86	-	-	P	H
		15720	47.22	-26.78	74	51.32	40.28	14.74	59.12	-	-	P	H
		10480	47.33	-20.97	68.3	57.29	37.29	11.61	58.86	-	-	P	V
		15720	47.18	-26.82	74	51.28	40.28	14.74	59.12	-	-	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 106 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5027.82	55.92	-18.08	74	39.35	33.8	9.95	27.18	100	43	P	H
		5000	46.3	-7.7	54	29.65	33.8	9.95	27.1	100	43	A	H
	*	5180	111.45	-	-	94.96	34	10.09	27.6	100	43	P	H
		5180	105.38	-	-	88.89	34	10.09	27.6	100	43	A	H
		5092.3	55.46	-18.54	74	38.9	33.9	10.02	27.36	182	11	P	V
		5000	45.66	-8.34	54	29.01	33.8	9.95	27.1	182	11	A	V
	*	5180	104.4	-	-	87.91	34	10.09	27.6	182	11	P	V
		5180	99.08	-	-	82.59	34	10.09	27.6	182	11	A	V
802.11ax HE20 Partial 106/54 CH 48 5240MHz		5120.9	55.84	-18.16	74	39.29	33.93	10.06	27.44	100	38	P	H
		5077.74	46.07	-7.93	54	29.5	33.87	10.02	27.32	100	38	A	H
	*	5240	113.6	-	-	97.13	34.07	10.17	27.77	100	38	P	H
		5240	105.92	-	-	89.45	34.07	10.17	27.77	100	38	A	H
		5455.68	53.74	-20.26	74	37.54	34.2	10.38	28.38	100	38	P	H
		5384.4	43.96	-10.04	54	27.64	34.2	10.3	28.18	100	38	A	H
		5135.46	55.07	-18.93	74	38.52	33.97	10.06	27.48	172	201	P	V
		5000	45.85	-8.15	54	29.2	33.8	9.95	27.1	172	201	A	V
	*	5240	106.49	-	-	90.02	34.07	10.17	27.77	172	201	P	V
		5240	99.12	-	-	82.65	34.07	10.17	27.77	172	201	A	V
		5404.08	52.59	-21.41	74	36.28	34.2	10.34	28.23	172	201	P	V
		5443.92	43.82	-10.18	54	27.58	34.2	10.38	28.34	172	201	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		10360	46.29	-22.01	68.3	56.5	37.22	11.56	58.99	-	-	P	H
		15540	47.77	-26.23	74	51.85	40.13	14.74	58.95	-	-	P	H
		10360	46.87	-21.43	68.3	57.08	37.22	11.56	58.99	-	-	P	V
		15540	47.17	-26.83	74	51.25	40.13	14.74	58.95	-	-	P	V
802.11ax HE20 Partial 106/54 CH 48 5240MHz		10480	46.14	-22.16	68.3	56.1	37.29	11.61	58.86	-	-	P	H
		15720	47.22	-26.78	74	51.32	40.28	14.74	59.12	-	-	P	H
		10480	47.33	-20.97	68.3	57.29	37.29	11.61	58.86	-	-	P	V
		15720	47.18	-26.82	74	51.28	40.28	14.74	59.12	-	-	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 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preampl Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 38 5190MHz		5149.5	56.79	-17.21	74	40.25	34	10.06	27.52	112	56	P	H
		5150	47.9	-6.1	54	31.36	34	10.06	27.52	112	56	A	H
		5190	111.24	-	-	94.78	34	10.09	27.63	112	56	P	H
		5190	103.72	-	-	87.26	34	10.09	27.63	112	56	A	H
		5417.16	54.72	-19.28	74	38.45	34.2	10.34	28.27	112	56	P	H
		5353.6	44.33	-9.67	54	27.92	34.2	10.3	28.09	112	56	A	H
		5103.22	56.43	-17.57	74	39.9	33.9	10.02	27.39	116	22	P	V
		5150	45.78	-8.22	54	29.24	34	10.06	27.52	116	22	A	V
		5190	102.85	-	-	86.39	34	10.09	27.63	116	22	P	V
		5190	95.72	-	-	79.26	34	10.09	27.63	116	22	A	V
		5442.36	53.19	-20.81	74	36.95	34.2	10.38	28.34	116	22	P	V
		5459.16	43.64	-10.36	54	27.45	34.2	10.38	28.39	116	22	A	V
802.11ax HE40 Full CH 46 5230MHz		5012.48	56.02	-17.98	74	39.4	33.8	9.95	27.13	104	39	P	H
		5077.22	46.27	-7.73	54	29.7	33.87	10.02	27.32	104	39	A	H
		5230	112.37	-	-	95.91	34.07	10.13	27.74	104	39	P	H
		5230	104.61	-	-	88.15	34.07	10.13	27.74	104	39	A	H
		5427.6	53.15	-20.85	74	36.87	34.2	10.38	28.3	104	39	P	H
		5392.8	44.16	-9.84	54	27.82	34.2	10.34	28.2	104	39	A	H
		5022.36	55.5	-18.5	74	38.91	33.8	9.95	27.16	104	8	P	V
		5089.96	45.58	-8.42	54	29.01	33.9	10.02	27.35	104	8	A	V
		5230	102.71	-	-	86.25	34.07	10.13	27.74	104	8	P	V
		5230	95.71	-	-	79.25	34.07	10.13	27.74	104	8	A	V
		5366.88	53.64	-20.36	74	37.27	34.2	10.3	28.13	104	8	P	V
		5445.36	43.64	-10.36	54	27.41	34.2	10.38	28.35	104	8	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 38 5190MHz		10380	45.47	-22.83	68.3	55.63	37.23	11.59	58.98	-	-	P	H
		15570	46.72	-27.28	74	50.74	40.16	14.79	58.97	-	-	P	H
		10380	47.62	-20.68	68.3	57.78	37.23	11.59	58.98	-	-	P	V
		15570	47.55	-26.45	74	51.57	40.16	14.79	58.97	-	-	P	V
802.11ax HE40 Full CH 46 5230MHz		10460	47.27	-21.03	68.3	57.27	37.27	11.61	58.88	-	-	P	H
		15690	47.86	-26.14	74	51.95	40.25	14.74	59.08	-	-	P	H
		10460	46.44	-21.86	68.3	56.44	37.27	11.61	58.88	-	-	P	V
		15690	47.06	-26.94	74	51.15	40.25	14.74	59.08	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamplifier Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5141.7	66.65	-7.35	74	50.09	34	10.06	27.5	100	40	P	H
		5141.44	46.82	-7.18	54	30.26	34	10.06	27.5	100	40	A	H
	*	5190	114.62	-	-	98.16	34	10.09	27.63	100	40	P	H
		5190	107.72	-	-	91.26	34	10.09	27.63	100	40	A	H
		5454.4	54.71	-19.29	74	38.5	34.2	10.38	28.37	100	40	P	H
		5351.08	44.52	-9.48	54	28.1	34.2	10.3	28.08	100	40	A	H
		5148.98	61.82	-12.18	74	45.28	34	10.06	27.52	116	187	P	V
		5000.26	45.96	-8.04	54	29.31	33.8	9.95	27.1	116	187	A	V
	*	5190	105.88	-	-	89.42	34	10.09	27.63	116	187	P	V
		5190	97.72	-	-	81.26	34	10.09	27.63	116	187	A	V
		5395.32	53.93	-20.07	74	37.6	34.2	10.34	28.21	116	187	P	V
		5448.8	43.9	-10.1	54	27.68	34.2	10.38	28.36	116	187	A	V
802.11ax HE40 Partial 242/62 CH 46 5230MHz		5088.66	57.3	-16.7	74	40.73	33.9	10.02	27.35	101	39	P	H
		5087.88	46.73	-7.27	54	30.19	33.87	10.02	27.35	101	39	A	H
	*	5230	112.34	-	-	95.88	34.07	10.13	27.74	101	39	P	H
		5230	104.74	-	-	88.28	34.07	10.13	27.74	101	39	A	H
		5420.88	54.97	-19.03	74	38.71	34.2	10.34	28.28	101	39	P	H
		5396.64	44.35	-9.65	54	28.02	34.2	10.34	28.21	101	39	A	H
		5033.54	57.08	-16.92	74	40.52	33.8	9.95	27.19	103	193	P	V
		5000	45.82	-8.18	54	29.17	33.8	9.95	27.1	103	193	A	V
	*	5230	105.5	-	-	89.04	34.07	10.13	27.74	103	193	P	V
		5230	98.58	-	-	82.12	34.07	10.13	27.74	103	193	A	V
		5369.76	53.57	-20.43	74	37.21	34.2	10.3	28.14	103	193	P	V
		5450.64	43.83	-10.17	54	27.61	34.2	10.38	28.36	103	193	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 Partial 242 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		10380	46.46	-21.84	68.3	56.62	37.23	11.59	58.98	-	-	P	H
		15570	46.9	-27.1	74	50.92	40.16	14.79	58.97	-	-	P	H
		10380	46.07	-22.23	68.3	56.23	37.23	11.59	58.98	-	-	P	V
		15570	46.4	-27.6	74	50.42	40.16	14.79	58.97	-	-	P	V
802.11ax HE40 Partial 242/62 CH 46 5230MHz		10460	46.65	-21.65	68.3	56.65	37.27	11.61	58.88	-	-	P	H
		15690	46.53	-27.47	74	50.62	40.25	14.74	59.08	-	-	P	H
		10460	47.35	-20.95	68.3	57.35	37.27	11.61	58.88	-	-	P	V
		15690	47.6	-26.4	74	51.69	40.25	14.74	59.08	-	-	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 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 42 5210MHz		5130	55.59	-18.41	74	39.02	33.97	10.06	27.46	105	40	P	H
		5149.76	47.75	-6.25	54	31.21	34	10.06	27.52	105	40	A	H
	*	5210	107.91	-	-	91.44	34.03	10.13	27.69	105	40	P	H
		5210	100.6	-	-	84.13	34.03	10.13	27.69	105	40	A	H
		5451.84	53.65	-20.35	74	37.44	34.2	10.38	28.37	105	40	P	H
		5354.88	44.39	-9.61	54	27.98	34.2	10.3	28.09	105	40	A	H
		5104.52	54.67	-19.33	74	38.14	33.9	10.02	27.39	109	10	P	V
		5148.2	46.07	-7.93	54	29.52	34	10.06	27.51	109	10	A	V
	*	5210	100.3	-	-	83.83	34.03	10.13	27.69	109	10	P	V
		5210	93.74	-	-	77.27	34.03	10.13	27.69	109	10	A	V
		5369.52	53.12	-20.88	74	36.75	34.2	10.3	28.13	109	10	P	V
		5448.72	43.73	-10.27	54	27.51	34.2	10.38	28.36	109	10	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 42 5210MHz		10420	47.19	-21.11	68.3	57.27	37.25	11.61	58.94	-	-	P	H
		15630	47.07	-26.93	74	51.09	40.21	14.8	59.03	-	-	P	H
		10420	46.41	-21.89	68.3	56.49	37.25	11.61	58.94	-	-	P	V
		15630	46.59	-27.41	74	50.61	40.21	14.8	59.03	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial 484/66 CH 42 5210MHz		5148.46	67.98	-6.02	74	51.44	34	10.06	27.52	148	58	P	H
		5146.64	46.62	-7.38	54	30.07	34	10.06	27.51	148	58	A	H
	*	5210	110.59	-	-	94.12	34.03	10.13	27.69	148	58	P	H
		5210	103.74	-	-	87.27	34.03	10.13	27.69	148	58	A	H
		5374.56	53.57	-20.43	74	37.22	34.2	10.3	28.15	148	58	P	H
		5387.28	44.39	-9.61	54	28.07	34.2	10.3	28.18	148	58	A	H
		5147.16	57.54	-16.46	74	40.99	34	10.06	27.51	306	21	P	V
		5000.26	45.91	-8.09	54	29.26	33.8	9.95	27.1	306	21	A	V
	*	5210	103.52	-	-	87.05	34.03	10.13	27.69	306	21	P	V
		5210	96.63	-	-	80.16	34.03	10.13	27.69	306	21	A	V
		5450.64	53.15	-20.85	74	36.93	34.2	10.38	28.36	306	21	P	V
		5445.6	43.95	-10.05	54	27.72	34.2	10.38	28.35	306	21	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 Partial 484 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial 484/66 CH 42 5210MHz		10420	47.61	-20.69	68.3	57.69	37.25	11.61	58.94	-	-	P	H
		15630	47.84	-26.16	74	51.86	40.21	14.8	59.03	-	-	P	H
		10420	46.91	-21.39	68.3	56.99	37.25	11.61	58.94	-	-	P	V
		15630	46.6	-27.4	74	50.62	40.21	14.8	59.03	-	-	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 HE160 Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 50 5250MHz		5078	56.84	-17.16	74	40.27	33.87	10.02	27.32	100	64	P	H
		5112.32	46.64	-7.36	54	30.1	33.93	10.02	27.41	100	64	A	H
	*	5250	101.1	-	-	84.63	34.1	10.17	27.8	100	64	P	H
		5250	93.73	-	-	77.26	34.1	10.17	27.8	100	64	A	H
		5360.88	56.76	-17.24	74	40.37	34.2	10.3	28.11	100	64	P	H
		5350.8	47.69	-6.31	54	31.27	34.2	10.3	28.08	100	64	A	H
		5056.94	55.71	-18.29	74	39.15	33.83	9.99	27.26	100	28	P	V
		5000.26	45.88	-8.12	54	29.23	33.8	9.95	27.1	100	28	A	V
	*	5250	94	-	-	77.53	34.1	10.17	27.8	100	28	P	V
		5250	86.67	-	-	70.2	34.1	10.17	27.8	100	28	A	V
		5414.88	54.43	-19.57	74	38.15	34.2	10.34	28.26	100	28	P	V
		5354.16	44.48	-9.52	54	28.07	34.2	10.3	28.09	100	28	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 HE160 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 50 5250MHz		10500	47.96	-20.34	68.3	57.89	37.3	11.61	58.84	-	-	P	H
		15750	47.85	-26.15	74	51.92	40.31	14.77	59.15	-	-	P	H
		10500	47.54	-20.76	68.3	57.47	37.3	11.61	58.84	-	-	P	V
		15750	47.57	-26.43	74	51.64	40.31	14.77	59.15	-	-	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 HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Partial 996/67 CH 50 5250MHz		5134.94	63.56	-10.44	74	47.01	33.97	10.06	27.48	101	58	P	H
		5146.64	46.79	-7.21	54	30.24	34	10.06	27.51	101	58	A	H
	*	5250	105.51	-	-	89.04	34.1	10.17	27.8	101	58	P	H
		5250	98.6	-	-	82.13	34.1	10.17	27.8	101	58	A	H
		5402.88	64.54	-9.46	74	48.23	34.2	10.34	28.23	101	58	P	H
		5399.04	44.99	-9.01	54	28.67	34.2	10.34	28.22	101	58	A	H
		5117.52	57.51	-16.49	74	40.95	33.93	10.06	27.43	156	23	P	V
		5000	45.92	-8.08	54	29.27	33.8	9.95	27.1	156	23	A	V
	*	5250	97.55	-	-	81.08	34.1	10.17	27.8	156	23	P	V
		5250	90.7	-	-	74.23	34.1	10.17	27.8	156	23	A	V
		5397.84	62.01	-11.99	74	45.68	34.2	10.34	28.21	156	23	P	V
		5396.16	44.39	-9.61	54	28.06	34.2	10.34	28.21	156	23	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 Partial 996 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Partial 996/67 CH 50 5250MHz		10500	47.08	-21.22	68.3	57.01	37.3	11.61	58.84	-	-	P	H
		15750	47.5	-26.5	74	51.57	40.31	14.77	59.15	-	-	P	H
		10500	46.82	-21.48	68.3	56.75	37.3	11.61	58.84	-	-	P	V
		15750	47.62	-26.38	74	51.69	40.31	14.77	59.15	-	-	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5119.34	54.56	-19.44	74	38	33.93	10.06	27.43	104	35	P	H
		5107.38	46.48	-7.52	54	29.93	33.93	10.02	27.4	104	35	A	H
	*	5260	112.72	-	-	96.25	34.13	10.17	27.83	104	35	P	H
		5260	105.71	-	-	89.24	34.13	10.17	27.83	104	35	A	H
		5429.28	53.68	-20.32	74	37.4	34.2	10.38	28.3	104	35	P	H
		5414.16	44.14	-9.86	54	27.86	34.2	10.34	28.26	104	35	A	H
		5028.6	54.93	-19.07	74	38.36	33.8	9.95	27.18	117	18	P	V
		5112.84	45.49	-8.51	54	28.96	33.93	10.02	27.42	117	18	A	V
	*	5260	106.7	-	-	90.23	34.13	10.17	27.83	117	18	P	V
		5260	98.74	-	-	82.27	34.13	10.17	27.83	117	18	A	V
		5401.44	53.19	-20.81	74	36.87	34.2	10.34	28.22	117	18	P	V
		5451.12	43.65	-10.35	54	27.43	34.2	10.38	28.36	117	18	A	V
802.11a CH 60 5300MHz		5099.05	56.33	-17.67	74	39.79	33.9	10.02	27.38	106	38	P	H
		5141.4	46.43	-7.57	54	29.87	34	10.06	27.5	106	38	A	H
	*	5300	112.73	-	-	96.26	34.2	10.21	27.94	106	38	P	H
		5300	105.77	-	-	89.3	34.2	10.21	27.94	106	38	A	H
		5383.2	53.39	-20.61	74	37.06	34.2	10.3	28.17	106	38	P	H
		5448.96	44.43	-9.57	54	28.21	34.2	10.38	28.36	106	38	A	H
		5117.6	55.41	-18.59	74	38.85	33.93	10.06	27.43	104	12	P	V
		5000	45.58	-8.42	54	28.93	33.8	9.95	27.1	104	12	A	V
	*	5300	106.82	-	-	90.35	34.2	10.21	27.94	104	12	P	V
		5300	98.6	-	-	82.13	34.2	10.21	27.94	104	12	A	V
		5355.36	53.6	-20.4	74	37.2	34.2	10.3	28.1	104	12	P	V
		5449.68	43.65	-10.35	54	27.43	34.2	10.38	28.36	104	12	A	V
802.11a CH 64 5320MHz	*	5320	112.65	-	-	96.19	34.2	10.26	28	104	38	P	H
		5320	105.59	-	-	89.13	34.2	10.26	28	104	38	A	H
		5454.24	53.51	-20.49	74	37.3	34.2	10.38	28.37	104	38	P	H
		5449.12	44.22	-9.78	54	28	34.2	10.38	28.36	104	38	A	H
	*	5320	105.6	-	-	89.14	34.2	10.26	28	184	19	P	V
		5320	98.59	-	-	82.13	34.2	10.26	28	184	19	A	V
		5354.24	53.49	-20.51	74	37.08	34.2	10.3	28.09	184	19	P	V
		5445.12	43.63	-10.37	54	27.4	34.2	10.38	28.35	184	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	46.8	-21.5	68.3	56.65	37.32	11.65	58.82	-	-	P	H
		15780	47.23	-26.77	74	51.31	40.32	14.78	59.18	-	-	P	H
		10520	46.23	-22.07	68.3	56.08	37.32	11.65	58.82	-	-	P	V
		15780	46.64	-27.36	74	50.72	40.32	14.78	59.18	-	-	P	V
802.11a CH 60 5300MHz		10600	45.87	-28.13	74	55.32	37.42	11.86	58.73	-	-	P	H
		15900	47.78	-26.22	74	51.8	40.42	14.86	59.3	-	-	P	H
		10600	47.21	-26.79	74	56.66	37.42	11.86	58.73	-	-	P	V
		15900	47.49	-26.51	74	51.51	40.42	14.86	59.3	-	-	P	V
802.11a CH 64 5320MHz		10640	46.87	-27.13	74	56.26	37.47	11.83	58.69	-	-	P	H
		15960	47.23	-26.77	74	51.22	40.47	14.89	59.35	-	-	P	H
		10640	46.43	-27.57	74	55.82	37.47	11.83	58.69	-	-	P	V
		15960	47.3	-26.7	74	51.29	40.47	14.89	59.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5056.16	55.69	-18.31	74	39.13	33.83	9.99	27.26	104	36	P	H
		5108.16	46.45	-7.55	54	29.9	33.93	10.02	27.4	104	36	A	H
	*	5260	111.66	-	-	95.19	34.13	10.17	27.83	104	36	P	H
		5260	104.74	-	-	88.27	34.13	10.17	27.83	104	36	A	H
		5441.76	54.29	-19.71	74	38.05	34.2	10.38	28.34	104	36	P	H
		5414.88	44.14	-9.86	54	27.86	34.2	10.34	28.26	104	36	A	H
		5095.16	56.17	-17.83	74	39.62	33.9	10.02	27.37	162	16	P	V
		5000	45.37	-8.63	54	28.72	33.8	9.95	27.1	162	16	A	V
	*	5260	106.22	-	-	89.75	34.13	10.17	27.83	162	16	P	V
		5260	98.61	-	-	82.14	34.13	10.17	27.83	162	16	A	V
		5423.04	53.35	-20.65	74	37.09	34.2	10.34	28.28	162	16	P	V
		5445.12	43.61	-10.39	54	27.38	34.2	10.38	28.35	162	16	A	V
802.11n HT20 CH 60 5300MHz		5035.35	55.24	-18.76	74	38.69	33.8	9.95	27.2	106	36	P	H
		5147.35	46.41	-7.59	54	29.86	34	10.06	27.51	106	36	A	H
	*	5300	112.95	-	-	96.48	34.2	10.21	27.94	106	36	P	H
		5300	105.6	-	-	89.13	34.2	10.21	27.94	106	36	A	H
		5428.56	53.62	-20.38	74	37.34	34.2	10.38	28.3	106	36	P	H
		5445.36	44.35	-9.65	54	28.12	34.2	10.38	28.35	106	36	A	H
		5116.2	53.91	-20.09	74	37.35	33.93	10.06	27.43	104	11	P	V
		5000	45.59	-8.41	54	28.94	33.8	9.95	27.1	104	11	A	V
	*	5300	104.66	-	-	88.19	34.2	10.21	27.94	104	11	P	V
		5300	97.73	-	-	81.26	34.2	10.21	27.94	104	11	A	V
		5424.96	52.58	-21.42	74	36.33	34.2	10.34	28.29	104	11	P	V
		5445.36	43.61	-10.39	54	27.38	34.2	10.38	28.35	104	11	A	V
802.11n HT20 CH 64 5320MHz	*	5320	111.87	-	-	95.41	34.2	10.26	28	104	38	P	H
		5320	104.72	-	-	88.26	34.2	10.26	28	104	38	A	H
		5434.4	54.63	-19.37	74	38.37	34.2	10.38	28.32	104	38	P	H
		5452.64	44.14	-9.86	54	27.93	34.2	10.38	28.37	104	38	A	H
	*	5320	104.78	-	-	88.32	34.2	10.26	28	104	20	P	V
		5320	97.58	-	-	81.12	34.2	10.26	28	104	20	A	V
		5415.2	52.93	-21.07	74	36.65	34.2	10.34	28.26	104	20	P	V
		5442.08	43.57	-10.43	54	27.33	34.2	10.38	28.34	104	20	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10520	47.29	-21.01	68.3	25.39	37.32	14.35	29.77	-	-	P	H
		15780	47.43	-26.57	74	20.35	40.32	18.88	32.12	-	-	P	H
		10520	46.86	-21.44	68.3	24.96	37.32	14.35	29.77	-	-	P	V
		15780	46.46	-27.54	74	19.38	40.32	18.88	32.12	-	-	P	V
802.11n HT20 CH 60 5300MHz		10600	46.84	-27.16	74	56.29	37.42	11.86	58.73	-	-	P	H
		15900	46.41	-27.59	74	50.43	40.42	14.86	59.3	-	-	P	H
		10600	45.72	-28.28	74	55.17	37.42	11.86	58.73	-	-	P	V
		15900	47.34	-26.66	74	51.36	40.42	14.86	59.3	-	-	P	V
802.11n HT20 CH 64 5320MHz		10640	46.55	-27.45	74	55.94	37.47	11.83	58.69	-	-	P	H
		15960	46.98	-27.02	74	50.97	40.47	14.89	59.35	-	-	P	H
		10640	46.19	-27.81	74	55.58	37.47	11.83	58.69	-	-	P	V
		15960	47.02	-26.98	74	51.01	40.47	14.89	59.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5117.25	54.79	-19.21	74	38.23	33.93	10.06	27.43	203	36	P	H
		5110.25	46.36	-7.64	54	29.82	33.93	10.02	27.41	203	36	A	H
	*	5270	109.76	-	-	93.32	34.13	10.17	27.86	203	36	P	H
		5270	101.51	-	-	85.07	34.13	10.17	27.86	203	36	A	H
		5405.28	53.11	-20.89	74	36.8	34.2	10.34	28.23	203	36	P	H
		5443.92	44.03	-9.97	54	27.79	34.2	10.38	28.34	203	36	A	H
		5055.3	54.99	-19.01	74	38.42	33.83	9.99	27.25	242	54	P	V
		5000	46.05	-7.95	54	29.4	33.8	9.95	27.1	242	54	A	V
	*	5270	103.92	-	-	87.48	34.13	10.17	27.86	242	54	P	V
		5270	99.45	-	-	83.01	34.13	10.17	27.86	242	54	A	V
		5435.76	53.86	-20.14	74	37.6	34.2	10.38	28.32	242	54	P	V
		5445.6	43.85	-10.15	54	27.62	34.2	10.38	28.35	242	54	A	V
802.11n HT40 CH 62 5310MHz		5037.1	54.84	-19.16	74	38.25	33.8	9.99	27.2	104	39	P	H
		5147.7	46.28	-7.72	54	29.73	34	10.06	27.51	104	39	A	H
	*	5310	108.61	-	-	92.12	34.2	10.26	27.97	104	39	P	H
		5310	99.49	-	-	83	34.2	10.26	27.97	104	39	A	H
		5455.68	52.88	-21.12	74	36.68	34.2	10.38	28.38	104	39	P	H
		5351.52	46.25	-7.75	54	29.83	34.2	10.3	28.08	104	39	A	H
		5077.7	54.74	-19.26	74	38.17	33.87	10.02	27.32	202	52	P	V
		5001.05	45.95	-8.05	54	29.3	33.8	9.95	27.1	202	52	A	V
	*	5310	104.2	-	-	87.71	34.2	10.26	27.97	202	52	P	V
		5310	99.49	-	-	83	34.2	10.26	27.97	202	52	A	V
		5456.64	52.84	-21.16	74	36.64	34.2	10.38	28.38	202	52	P	V
		5352.24	44.29	-9.71	54	27.88	34.2	10.3	28.09	202	52	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	46.51	-21.79	68.3	56.28	37.34	11.69	58.8	-	-	P	H
		15810	47.38	-26.62	74	51.42	40.35	14.81	59.2	-	-	P	H
		10540	46.83	-21.47	68.3	56.6	37.34	11.69	58.8	-	-	P	V
		15810	47.93	-26.07	74	51.97	40.35	14.81	59.2	-	-	P	V
802.11n HT40 CH 62 5310MHz		10620	46.35	-27.65	74	55.77	37.44	11.85	58.71	-	-	P	H
		15930	46.54	-27.46	74	50.55	40.44	14.88	59.33	-	-	P	H
		10620	46.02	-27.98	74	55.44	37.44	11.85	58.71	-	-	P	V
		15930	46.27	-27.73	74	50.28	40.44	14.88	59.33	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5035.35	55.36	-18.64	74	38.81	33.8	9.95	27.2	104	35	P	H
		5134.4	45.93	-8.07	54	29.38	33.97	10.06	27.48	104	35	A	H
	*	5290	103.84	-	-	87.37	34.17	10.21	27.91	104	35	P	H
		5290	96.47	-	-	80	34.17	10.21	27.91	104	35	A	H
		5354.88	54.15	-19.85	74	37.74	34.2	10.3	28.09	104	35	P	H
		5350.32	46.13	-7.87	54	29.71	34.2	10.3	28.08	104	35	A	H
		5091	54.56	-19.44	74	37.99	33.9	10.02	27.35	116	55	P	V
		5000.35	45.85	-8.15	54	29.2	33.8	9.95	27.1	116	55	A	V
	*	5290	98.79	-	-	82.32	34.17	10.21	27.91	116	55	P	V
		5290	91.47	-	-	75	34.17	10.21	27.91	116	55	A	V
		5352.96	53.92	-20.08	74	37.51	34.2	10.3	28.09	116	55	P	V
		5350.8	44.72	-9.28	54	28.3	34.2	10.3	28.08	116	55	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		10580	46.33	-21.97	68.3	55.86	37.4	11.82	58.75	-	-	P	H
		15870	47.27	-26.73	74	51.29	40.4	14.85	59.27	-	-	P	H
		10580	46.82	-21.48	68.3	56.35	37.4	11.82	58.75	-	-	P	V
		15870	47.42	-26.58	74	51.44	40.4	14.85	59.27	-	-	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 52 5260MHz		5087.1	55.39	-18.61	74	38.84	33.87	10.02	27.34	104	36	P	H
		5107.64	46.81	-7.19	54	30.26	33.93	10.02	27.4	104	36	A	H
	*	5260	112.62	-	-	96.15	34.13	10.17	27.83	104	36	P	H
		5260	105.61	-	-	89.14	34.13	10.17	27.83	104	36	A	H
		5356.56	53.23	-20.77	74	36.83	34.2	10.3	28.1	104	36	P	H
		5414.64	44.44	-9.56	54	28.16	34.2	10.34	28.26	104	36	A	H
		5026	54.66	-19.34	74	38.08	33.8	9.95	27.17	104	6	P	V
		5101.4	45.65	-8.35	54	29.11	33.9	10.02	27.38	104	6	A	V
	*	5260	106.11	-	-	89.64	34.13	10.17	27.83	104	6	P	V
		5260	98.64	-	-	82.17	34.13	10.17	27.83	104	6	A	V
		5352.24	52.96	-21.04	74	36.55	34.2	10.3	28.09	104	6	P	V
		5443.92	43.87	-10.13	54	27.63	34.2	10.38	28.34	104	6	A	V
802.11ax HE20 Full CH 60 5300MHz		5032.2	56.43	-17.57	74	39.87	33.8	9.95	27.19	104	39	P	H
		5147.35	46.69	-7.31	54	30.14	34	10.06	27.51	104	39	A	H
	*	5300	113.66	-	-	97.19	34.2	10.21	27.94	104	39	P	H
		5300	106.6	-	-	90.13	34.2	10.21	27.94	104	39	A	H
		5443.44	54.17	-19.83	74	37.93	34.2	10.38	28.34	104	39	P	H
		5454.72	44.66	-9.34	54	28.45	34.2	10.38	28.37	104	39	A	H
		5143.5	54.31	-19.69	74	37.75	34	10.06	27.5	104	22	P	V
		5000	45.98	-8.02	54	29.33	33.8	9.95	27.1	104	22	A	V
	*	5300	106.15	-	-	89.68	34.2	10.21	27.94	104	22	P	V
		5300	98.63	-	-	82.16	34.2	10.21	27.94	104	22	A	V
802.11ax HE20 Full CH 64 5320MHz		5399.28	52.52	-21.48	74	36.2	34.2	10.34	28.22	104	22	P	V
		5447.28	43.85	-10.15	54	27.62	34.2	10.38	28.35	104	22	A	V
	*	5320	113.18	-	-	96.72	34.2	10.26	28	104	41	P	H
		5320	105.59	-	-	89.13	34.2	10.26	28	104	41	A	H
		5351.2	53.52	-20.48	74	37.1	34.2	10.3	28.08	104	41	P	H
		5350.24	44.61	-9.39	54	28.19	34.2	10.3	28.08	104	41	A	H
	*	5320	105.61	-	-	89.15	34.2	10.26	28	104	21	P	V
		5320	98.59	-	-	82.13	34.2	10.26	28	104	21	A	V
Remark		5424.16	53.29	-20.71	74	37.04	34.2	10.34	28.29	104	21	P	V
		5446.56	43.89	-10.11	54	27.66	34.2	10.38	28.35	104	21	A	V

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



UNII-2A 5250~5350MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 52 5260MHz		10520	46.66	-21.64	68.3	56.51	37.32	11.65	58.82	-	-	P	H
		15780	47.58	-26.42	74	51.66	40.32	14.78	59.18	-	-	P	H
		10520	47	-21.3	68.3	56.85	37.32	11.65	58.82	-	-	P	V
		15780	47.75	-26.25	74	51.83	40.32	14.78	59.18	-	-	P	V
802.11ax HE20 Full CH 60 5300MHz		10600	47.41	-26.59	74	56.86	37.42	11.86	58.73	-	-	P	H
		15900	47	-27	74	51.02	40.42	14.86	59.3	-	-	P	H
		10600	47.59	-26.41	74	57.04	37.42	11.86	58.73	-	-	P	V
		15900	47.57	-26.43	74	51.59	40.42	14.86	59.3	-	-	P	V
802.11ax HE20 Full CH 64 5320MHz		10640	46.96	-27.04	74	56.35	37.47	11.83	58.69	-	-	P	H
		15960	47.14	-26.86	74	51.13	40.47	14.89	59.35	-	-	P	H
		10640	47.69	-26.31	74	57.08	37.47	11.83	58.69	-	-	P	V
		15960	47.23	-26.77	74	51.22	40.47	14.89	59.35	-	-	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 Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		5009.88	55.3	-18.7	74	38.68	33.8	9.95	27.13	183	41	P	H
		5099.06	46.12	-7.88	54	29.58	33.9	10.02	27.38	183	41	A	H
		5260	112.94	-	-	96.47	34.13	10.17	27.83	183	41	P	H
	*	5260	105.48	-	-	89.01	34.13	10.17	27.83	183	41	A	H
		5449.2	54.38	-19.62	74	38.16	34.2	10.38	28.36	183	41	P	H
		5446.8	44.03	-9.97	54	27.8	34.2	10.38	28.35	183	41	A	H
		5112.58	54.82	-19.18	74	38.29	33.93	10.02	27.42	100	192	P	V
		5000.26	45.79	-8.21	54	29.14	33.8	9.95	27.1	100	192	A	V
	*	5260	105.06	-	-	88.59	34.13	10.17	27.83	100	192	P	V
		5260	99.49	-	-	83.02	34.13	10.17	27.83	100	192	A	V
		5399.28	52.75	-21.25	74	36.43	34.2	10.34	28.22	100	192	P	V
		5450.88	43.8	-10.2	54	27.58	34.2	10.38	28.36	100	192	A	V
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	111.93	-	-	95.47	34.2	10.26	28	100	40	P	H
		5320	105.67	-	-	89.21	34.2	10.26	28	100	40	A	H
		5431.84	53.23	-20.77	74	36.96	34.2	10.38	28.31	100	40	P	H
		5446.4	44.02	-9.98	54	27.79	34.2	10.38	28.35	100	40	A	H
	*	5320	104.16	-	-	87.7	34.2	10.26	28	143	179	P	V
		5320	98.6	-	-	82.14	34.2	10.26	28	143	179	A	V
		5458.08	52.65	-21.35	74	36.45	34.2	10.38	28.38	143	179	P	V
		5451.04	43.72	-10.28	54	27.5	34.2	10.38	28.36	143	179	A	V



UNII-2A 5250~5350MHz
WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		10520	46.78	-21.52	68.3	56.63	37.32	11.65	58.82	-	-	P	H
		15780	47.56	-26.44	74	51.64	40.32	14.78	59.18	-	-	P	H
		10520	47.21	-21.09	68.3	57.06	37.32	11.65	58.82	-	-	P	V
		15780	47.43	-26.57	74	51.51	40.32	14.78	59.18	-	-	P	V
802.11ax HE20 Partial 106/54 CH 64 5320MHz		10640	45.96	-28.04	74	55.35	37.47	11.83	58.69	-	-	P	H
		15960	46.39	-27.61	74	50.38	40.47	14.89	59.35	-	-	P	H
		10640	45.96	-28.04	74	55.35	37.47	11.83	58.69	-	-	P	V
		15960	46.39	-27.61	74	50.38	40.47	14.89	59.35	-	-	P	V



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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamplifier Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 54 5270MHz		5102.9	54.85	-19.15	74	38.32	33.9	10.02	27.39	110	41	P	H
		5107.1	46.56	-7.44	54	30.01	33.93	10.02	27.4	110	41	A	H
	*	5270	112.41	-	-	95.97	34.13	10.17	27.86	110	41	P	H
		5270	105.71	-	-	89.27	34.13	10.17	27.86	110	41	A	H
		5374.8	53.6	-20.4	74	37.25	34.2	10.3	28.15	110	41	P	H
		5413.2	44.3	-9.7	54	28.02	34.2	10.34	28.26	110	41	A	H
		5093.8	54.66	-19.34	74	38.1	33.9	10.02	27.36	104	22	P	V
		5000	45.77	-8.23	54	29.12	33.8	9.95	27.1	104	22	A	V
	*	5270	102.32	-	-	85.88	34.13	10.17	27.86	104	22	P	V
		5270	94.71	-	-	78.27	34.13	10.17	27.86	104	22	A	V
		5419.44	52.89	-21.11	74	36.62	34.2	10.34	28.27	104	22	P	V
		5445.12	43.71	-10.29	54	27.48	34.2	10.38	28.35	104	22	A	V
802.11ax HE40 Full CH 62 5310MHz		5137.9	55.6	-18.4	74	39.06	33.97	10.06	27.49	104	58	P	H
		5146.3	46.58	-7.42	54	30.03	34	10.06	27.51	104	58	A	H
	*	5310	112.67	-	-	96.18	34.2	10.26	27.97	104	58	P	H
		5310	105.72	-	-	89.23	34.2	10.26	27.97	104	58	A	H
		5351.76	54.69	-19.31	74	38.27	34.2	10.3	28.08	104	58	P	H
		5350.32	47.53	-6.47	54	31.11	34.2	10.3	28.08	104	58	A	H
		5032.55	55.55	-18.45	74	38.99	33.8	9.95	27.19	114	19	P	V
		5000	45.88	-8.12	54	29.23	33.8	9.95	27.1	114	19	A	V
	*	5310	101.3	-	-	84.81	34.2	10.26	27.97	114	19	P	V
		5310	93.64	-	-	77.15	34.2	10.26	27.97	114	19	A	V
		5372.16	53.58	-20.42	74	37.22	34.2	10.3	28.14	114	19	P	V
		5354.16	44.08	-9.92	54	27.67	34.2	10.3	28.09	114	19	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	47.36	-20.94	68.3	57.13	37.34	11.69	58.8	-	-	P	H
		15810	47.86	-26.14	74	51.9	40.35	14.81	59.2	-	-	P	H
		10540	46.64	-21.66	68.3	56.41	37.34	11.69	58.8	-	-	P	V
		15810	47.7	-26.3	74	51.74	40.35	14.81	59.2	-	-	P	V
802.11ax HE40 Full CH 62 5310MHz		10620	45.82	-28.18	74	55.24	37.44	11.85	58.71	-	-	P	H
		15930	47.88	-26.12	74	51.89	40.44	14.88	59.33	-	-	P	H
		10620	46.23	-27.77	74	55.65	37.44	11.85	58.71	-	-	P	V
		15930	46.54	-27.46	74	50.55	40.44	14.88	59.33	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 54 5270MHz		5106.75	57.36	-16.64	74	40.81	33.93	10.02	27.4	100	39	P	H
		5107.8	46.95	-7.05	54	30.4	33.93	10.02	27.4	100	39	A	H
	*	5270	113.87	-	-	97.43	34.13	10.17	27.86	100	39	P	H
		5270	106.71	-	-	90.27	34.13	10.17	27.86	100	39	A	H
		5351.28	54.51	-19.49	74	38.09	34.2	10.3	28.08	100	39	P	H
		5416.56	44.61	-9.39	54	28.34	34.2	10.34	28.27	100	39	A	H
		5052.85	56.37	-17.63	74	39.83	33.8	9.99	27.25	101	16	P	V
		5000.35	46.18	-7.82	54	29.53	33.8	9.95	27.1	101	16	A	V
	*	5270	105.74	-	-	89.3	34.13	10.17	27.86	101	16	P	V
		5270	97.71	-	-	81.27	34.13	10.17	27.86	101	16	A	V
		5438.4	54.36	-19.64	74	38.11	34.2	10.38	28.33	101	16	P	V
		5448.96	43.98	-10.02	54	27.76	34.2	10.38	28.36	101	16	A	V
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5032.9	56.73	-17.27	74	40.17	33.8	9.95	27.19	100	40	P	H
		5000	46.07	-7.93	54	29.42	33.8	9.95	27.1	100	40	A	H
	*	5310	114.05	-	-	97.56	34.2	10.26	27.97	100	40	P	H
		5310	106.61	-	-	90.12	34.2	10.26	27.97	100	40	A	H
		5350.08	67.25	-6.75	74	50.83	34.2	10.3	28.08	100	40	P	H
		5350.08	47.14	-6.86	54	30.72	34.2	10.3	28.08	100	40	A	H
		5100.8	57.46	-16.54	74	40.92	33.9	10.02	27.38	104	188	P	V
		5000.35	46.05	-7.95	54	29.4	33.8	9.95	27.1	104	188	A	V
	*	5310	106.55	-	-	90.06	34.2	10.26	27.97	104	188	P	V
		5310	99.75	-	-	83.26	34.2	10.26	27.97	104	188	A	V
		5356.32	59.62	-14.38	74	43.22	34.2	10.3	28.1	104	188	P	V
		5352.24	44.41	-9.59	54	28	34.2	10.3	28.09	104	188	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 54 5270MHz		10540	46.81	-21.49	68.3	56.58	37.34	11.69	58.8	-	-	P	H
		15810	46.61	-27.39	74	50.65	40.35	14.81	59.2	-	-	P	H
		10540	46.47	-21.83	68.3	56.24	37.34	11.69	58.8	-	-	P	V
		15810	47.74	-26.26	74	51.78	40.35	14.81	59.2	-	-	P	V
802.11ax HE40 Partial 242/62 CH 62 5310MHz		10620	46.75	-27.25	74	56.17	37.44	11.85	58.71	-	-	P	H
		15930	47.28	-26.72	74	51.29	40.44	14.88	59.33	-	-	P	H
		10620	45.95	-28.05	74	55.37	37.44	11.85	58.71	-	-	P	V
		15930	47.03	-26.97	74	51.04	40.44	14.88	59.33	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preampl Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 58 5290MHz		5079.1	55.54	-18.46	74	38.97	33.87	10.02	27.32	104	41	P	H
		5128.1	46.01	-7.99	54	29.44	33.97	10.06	27.46	104	41	A	H
	*	5290	106.38	-	-	89.91	34.17	10.21	27.91	104	41	P	H
		5290	98.6	-	-	82.13	34.17	10.21	27.91	104	41	A	H
		5355.6	56.33	-17.67	74	39.93	34.2	10.3	28.1	104	41	P	H
		5350.56	47.66	-6.34	54	31.24	34.2	10.3	28.08	104	41	A	H
		5012.95	55.83	-18.17	74	39.22	33.8	9.95	27.14	104	21	P	V
		5000	45.96	-8.04	54	29.31	33.8	9.95	27.1	104	21	A	V
	*	5290	99.48	-	-	83.01	34.17	10.21	27.91	104	21	P	V
		5290	92.6	-	-	76.13	34.17	10.21	27.91	104	21	A	V
		5395.44	53.8	-20.2	74	37.47	34.2	10.34	28.21	104	21	P	V
		5352.96	44.67	-9.33	54	28.26	34.2	10.3	28.09	104	21	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 58 5290MHz		10580	46.73	-21.57	68.3	56.26	37.4	11.82	58.75	-	-	P	H
		15870	47.55	-26.45	74	51.57	40.4	14.85	59.27	-	-	P	H
		10580	46.45	-21.85	68.3	55.98	37.4	11.82	58.75	-	-	P	V
		15870	46.63	-27.37	74	50.65	40.4	14.85	59.27	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5077	56.59	-17.41	74	40.02	33.87	10.02	27.32	100	36	P	H
		5100.8	46.19	-7.81	54	29.65	33.9	10.02	27.38	100	36	A	H
	*	5290	110.47	-	-	94	34.17	10.21	27.91	100	36	P	H
		5290	103.73	-	-	87.26	34.17	10.21	27.91	100	36	A	H
		5370.72	64.8	-9.2	74	48.44	34.2	10.3	28.14	100	36	P	H
		5363.04	45.29	-8.71	54	28.91	34.2	10.3	28.12	100	36	A	H
		5016.45	57.11	-16.89	74	40.51	33.8	9.95	27.15	100	187	P	V
		5000	46.09	-7.91	54	29.44	33.8	9.95	27.1	100	187	A	V
	*	5290	103.67	-	-	87.2	34.17	10.21	27.91	100	187	P	V
		5290	96.63	-	-	80.16	34.17	10.21	27.91	100	187	A	V
		5373.36	58.12	-15.88	74	41.77	34.2	10.3	28.15	100	187	P	V
		5350.08	44.05	-9.95	54	27.63	34.2	10.3	28.08	100	187	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 Partial 484 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		10580	45.23	-23.07	68.3	54.76	37.4	11.82	58.75	-	-	P	H
		15870	47.79	-26.21	74	51.81	40.4	14.85	59.27	-	-	P	H
		10580	47.74	-20.56	68.3	57.27	37.4	11.82	58.75	-	-	P	V
		15870	47.22	-26.78	74	51.24	40.4	14.85	59.27	-	-	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 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5434	53.77	-20.23	74	37.51	34.2	10.38	28.32	138	359	P	H
		5461.2	52.64	-15.66	68.3	36.45	34.2	10.38	28.39	138	359	P	H
		5350.48	44.91	-9.09	54	28.49	34.2	10.3	28.08	138	359	A	H
	*	5500	113.45	-	-	97.32	34.2	10.43	28.5	138	359	P	H
		5500	106.29	-	-	90.16	34.2	10.43	28.5	138	359	A	H
		5371.6	52.98	-21.02	74	36.62	34.2	10.3	28.14	182	20	P	V
		5466.48	52.49	-15.81	68.3	36.27	34.2	10.43	28.41	182	20	P	V
		5353.52	44.18	-9.82	54	27.77	34.2	10.3	28.09	182	20	A	V
	*	5500	107.49	-	-	91.36	34.2	10.43	28.5	182	20	P	V
		5500	100.39	-	-	84.26	34.2	10.43	28.5	182	20	A	V
802.11a CH 116 5580MHz		5452.96	53.57	-20.43	74	37.36	34.2	10.38	28.37	104	56	P	H
		5461.12	52.33	-15.97	68.3	36.14	34.2	10.38	28.39	104	56	P	H
		5425.84	45.59	-8.41	54	29.34	34.2	10.34	28.29	104	56	A	H
	*	5580	114.16	-	-	97.73	34.23	10.52	28.32	104	56	P	H
		5580	105.69	-	-	89.26	34.23	10.52	28.32	104	56	A	H
		5730.98	54.96	-13.34	68.3	37.77	34.57	10.61	27.99	104	56	P	H
		5431.12	53.47	-20.53	74	37.2	34.2	10.38	28.31	195	20	P	V
		5468.56	53.3	-15	68.3	37.08	34.2	10.43	28.41	195	20	P	V
		5423.68	43.83	-10.17	54	27.58	34.2	10.34	28.29	195	20	A	V
	*	5580	106.99	-	-	90.56	34.23	10.52	28.32	195	20	P	V
		5580	99.58	-	-	83.15	34.23	10.52	28.32	195	20	A	V
		5758.7	54.36	-13.94	68.3	37.04	34.63	10.62	27.93	195	20	P	V
802.11a CH 140 5700MHz	*	5700	114.36	-	-	97.31	34.5	10.61	28.06	104	42	P	H
		5700	107.18	-	-	90.13	34.5	10.61	28.06	104	42	A	H
		5764.2	54.17	-14.13	68.3	36.84	34.63	10.62	27.92	104	42	P	H
	*	5700	106.14	-	-	89.09	34.5	10.61	28.06	199	15	P	V
		5700	99.18	-	-	82.13	34.5	10.61	28.06	199	15	A	V
		5759.96	53.14	-15.16	68.3	35.82	34.63	10.62	27.93	199	15	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	47.92	-26.08	74	56.31	37.9	12.01	58.3	-	-	P	H
		16500	47.2	-21.1	68.3	49.2	41.57	15.27	58.84	-	-	P	H
		11000	47.48	-26.52	74	55.87	37.9	12.01	58.3	-	-	P	V
		16500	47.3	-21	68.3	49.3	41.57	15.27	58.84	-	-	P	V
802.11a CH 116 5580MHz		11160	47.24	-26.76	74	55.2	38.05	12.1	58.11	-	-	P	H
		16740	47.04	-21.26	68.3	48.14	42.07	15.41	58.58	-	-	P	H
		11160	47.1	-26.9	74	55.06	38.05	12.1	58.11	-	-	P	V
		16740	47.87	-20.43	68.3	48.97	42.07	15.41	58.58	-	-	P	V
802.11a CH 140 5700MHz		11400	46.98	-27.02	74	54.37	38.27	12.19	57.85	-	-	P	H
		17100	46.95	-21.35	68.3	47.2	42.46	15.45	58.16	-	-	P	H
		11400	46.53	-27.47	74	53.92	38.27	12.19	57.85	-	-	P	V
		17100	46.71	-21.59	68.3	46.96	42.46	15.45	58.16	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5357.04	53.82	-20.18	74	37.42	34.2	10.3	28.1	104	36	P	H
		5462.8	54.63	-13.67	68.3	38.45	34.2	10.38	28.4	104	36	P	H
		5350	44.68	-9.32	54	28.26	34.2	10.3	28.08	104	36	A	H
	*	5500	111.73	-	-	95.6	34.2	10.43	28.5	104	36	P	H
		5500	104.25	-	-	88.12	34.2	10.43	28.5	104	36	A	H
		5374.32	53.27	-20.73	74	36.92	34.2	10.3	28.15	170	19	P	V
		5469.04	52.12	-16.18	68.3	35.9	34.2	10.43	28.41	170	19	P	V
		5350.8	43.76	-10.24	54	27.34	34.2	10.3	28.08	170	19	A	V
	*	5500	106.59	-	-	90.46	34.2	10.43	28.5	170	19	P	V
		5500	99.25	-	-	83.12	34.2	10.43	28.5	170	19	A	V
802.11n HT20 CH 116 5580MHz		5384.08	53.26	-20.74	74	36.94	34.2	10.3	28.18	104	38	P	H
		5463.76	52.2	-16.1	68.3	36.02	34.2	10.38	28.4	104	38	P	H
		5427.52	45.11	-8.89	54	28.83	34.2	10.38	28.3	104	38	A	H
	*	5580	112.67	-	-	96.24	34.23	10.52	28.32	104	38	P	H
		5580	105.55	-	-	89.12	34.23	10.52	28.32	104	38	A	H
		5742.95	53.37	-14.93	68.3	36.12	34.6	10.62	27.97	104	38	P	H
		5459.2	52.81	-21.19	74	36.62	34.2	10.38	28.39	159	19	P	V
		5470	52.63	-15.67	68.3	36.42	34.2	10.43	28.42	159	19	P	V
		5420.8	43.78	-10.22	54	27.52	34.2	10.34	28.28	159	19	A	V
	*	5580	107.5	-	-	91.07	34.23	10.52	28.32	159	19	P	V
		5580	100.66	-	-	84.23	34.23	10.52	28.32	159	19	A	V
802.11n HT20 CH 140 5700MHz		5759.96	53.61	-14.69	68.3	36.29	34.63	10.62	27.93	159	19	P	V
	*	5700	113.36	-	-	96.31	34.5	10.61	28.06	104	38	P	H
		5700	106.17	-	-	89.12	34.5	10.61	28.06	104	38	A	H
		5727.72	54.7	-13.6	68.3	37.52	34.57	10.61	28	104	38	P	H
	*	5700	107.15	-	-	90.1	34.5	10.61	28.06	104	17	P	V
		5700	100.31	-	-	83.26	34.5	10.61	28.06	104	17	A	V
Remark		5739.48	54.83	-13.47	68.3	37.58	34.6	10.62	27.97	104	17	P	V
		1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



UNII-2C - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11000	46.7	-27.3	74	55.09	37.9	12.01	58.3	-	-	P	H
		16500	47.16	-21.14	68.3	49.16	41.57	15.27	58.84	-	-	P	H
		11000	46.86	-27.14	74	55.25	37.9	12.01	58.3	-	-	P	V
		16500	46.9	-21.4	68.3	48.9	41.57	15.27	58.84	-	-	P	V
802.11n HT20 CH 116 5580MHz		11160	47.56	-26.44	74	55.52	38.05	12.1	58.11	-	-	P	H
		16740	47.32	-20.98	68.3	48.42	42.07	15.41	58.58	-	-	P	H
		11160	47.43	-26.57	74	55.39	38.05	12.1	58.11	-	-	P	V
		16740	47.05	-21.25	68.3	48.15	42.07	15.41	58.58	-	-	P	V
802.11n HT20 CH 140 5700MHz		11400	47.63	-26.37	74	55.02	38.27	12.19	57.85	-	-	P	H
		17100	47.45	-20.85	68.3	47.7	42.46	15.45	58.16	-	-	P	H
		11400	45.36	-28.64	74	52.75	38.27	12.19	57.85	-	-	P	V
		17100	46.9	-21.4	68.3	47.15	42.46	15.45	58.16	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5452.48	54.61	-19.39	74	38.4	34.2	10.38	28.37	104	42	P	H
		5470	55.43	-12.87	68.3	39.22	34.2	10.43	28.42	104	42	P	H
		5459.92	45.65	-8.35	54	29.46	34.2	10.38	28.39	104	42	A	H
	*	5510	109.96	-	-	93.77	34.2	10.47	28.48	104	42	P	H
		5510	101.19	-	-	85	34.2	10.47	28.48	104	42	A	H
		5726.885	52.92	-15.38	68.3	35.74	34.57	10.61	28	104	42	P	H
		5384.56	53.05	-20.95	74	36.73	34.2	10.3	28.18	164	19	P	V
		5465.2	53.73	-14.57	68.3	37.55	34.2	10.38	28.4	164	19	P	V
		5459.92	44.2	-9.8	54	28.01	34.2	10.38	28.39	164	19	A	V
	*	5510	104.06	-	-	87.87	34.2	10.47	28.48	164	19	P	V
		5510	99.75	-	-	83.56	34.2	10.47	28.48	164	19	A	V
		5764.685	54.74	-13.56	68.3	37.41	34.63	10.62	27.92	164	19	P	V
802.11n HT40 CH 110 5550MHz		5408.32	55.11	-18.89	74	38.81	34.2	10.34	28.24	104	36	P	H
		5468.56	52.55	-15.75	68.3	36.33	34.2	10.43	28.41	104	36	P	H
		5407.36	45.01	-8.99	54	28.71	34.2	10.34	28.24	104	36	A	H
	*	5550	109.36	-	-	93.03	34.2	10.52	28.39	104	36	P	H
		5550	103.33	-	-	87	34.2	10.52	28.39	104	36	A	H
		5760.905	54.43	-13.87	68.3	37.11	34.63	10.62	27.93	104	36	P	H
		5442.88	53.26	-20.74	74	37.02	34.2	10.38	28.34	150	17	P	V
		5469.28	51.72	-16.58	68.3	35.5	34.2	10.43	28.41	150	17	P	V
		5409.76	43.93	-10.07	54	27.64	34.2	10.34	28.25	150	17	A	V
	*	5550	104.57	-	-	88.24	34.2	10.52	28.39	150	17	P	V
		5550	97.99	-	-	81.66	34.2	10.52	28.39	150	17	A	V
		5746.73	54.41	-13.89	68.3	37.15	34.6	10.62	27.96	150	17	P	V
802.11n HT40 CH 134 5670MHz		5381.15	53.46	-20.54	74	37.13	34.2	10.3	28.17	153	51	P	H
		5462.7	51.96	-16.34	68.3	35.78	34.2	10.38	28.4	153	51	P	H
		5457.45	43.99	-10.01	54	27.79	34.2	10.38	28.38	153	51	A	H
	*	5670	109.82	-	-	92.96	34.4	10.59	28.13	153	51	P	H
		5670	99.87	-	-	83.01	34.4	10.59	28.13	153	51	A	H
		5728.075	54.42	-13.88	68.3	37.24	34.57	10.61	28	153	51	P	H
		5425.6	53.54	-20.46	74	37.29	34.2	10.34	28.29	155	20	P	V
		5465.5	51.01	-17.29	68.3	34.83	34.2	10.38	28.4	155	20	P	V
		5458.5	43.98	-10.02	54	27.78	34.2	10.38	28.38	155	20	A	V
	*	5670	106.25	-	-	89.39	34.4	10.59	28.13	155	20	P	V
		5670	98.87	-	-	82.01	34.4	10.59	28.13	155	20	A	V
		5726.5	54.48	-13.82	68.3	37.3	34.57	10.61	28	155	20	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	47.07	-26.93	74	55.39	37.92	12.04	58.28	-	-	P	H
		16530	47.24	-21.06	68.3	49.14	41.64	15.26	58.8	-	-	P	H
		11020	47.37	-26.63	74	55.69	37.92	12.04	58.28	-	-	P	V
		16530	47.36	-20.94	68.3	49.26	41.64	15.26	58.8	-	-	P	V
802.11n HT40 CH 110 5550MHz		11100	47.33	-26.67	74	55.36	37.99	12.17	58.19	-	-	P	H
		16650	47.03	-21.27	68.3	48.53	41.89	15.28	58.67	-	-	P	H
		11100	47.13	-26.87	74	55.16	37.99	12.17	58.19	-	-	P	V
		16650	47.72	-20.58	68.3	49.22	41.89	15.28	58.67	-	-	P	V
802.11n HT40 CH 134 5670MHz		11340	47.44	-26.56	74	54.82	38.21	12.34	57.93	-	-	P	H
		17010	47.62	-20.68	68.3	47.73	42.58	15.59	58.28	-	-	P	H
		11340	47.99	-26.01	74	55.37	38.21	12.34	57.93	-	-	P	V
		17010	47.32	-20.98	68.3	47.43	42.58	15.59	58.28	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5446.96	55.77	-18.23	74	39.54	34.2	10.38	28.35	165	50	P	H
		5461.12	56.63	-11.67	68.3	40.44	34.2	10.38	28.39	165	50	P	H
		5459.68	47.35	-6.65	54	31.16	34.2	10.38	28.39	165	50	A	H
	*	5530	103.44	-	-	87.2	34.2	10.47	28.43	165	50	P	H
		5530	96.24	-	-	80	34.2	10.47	28.43	165	50	A	H
		5753.345	52.94	-15.36	68.3	35.63	34.63	10.62	27.94	165	50	P	H
		5457.04	54.11	-19.89	74	37.91	34.2	10.38	28.38	143	18	P	V
		5466.16	54.66	-13.64	68.3	38.44	34.2	10.43	28.41	143	18	P	V
		5459.44	45.25	-8.75	54	29.06	34.2	10.38	28.39	143	18	A	V
	*	5530	101.42	-	-	85.18	34.2	10.47	28.43	143	18	P	V
		5530	93.24	-	-	77	34.2	10.47	28.43	143	18	A	V
		5736.65	53.65	-14.65	68.3	36.42	34.6	10.61	27.98	143	18	P	V
802.11ac VHT80 CH 122 5610MHz		5448.88	54.38	-19.62	74	38.16	34.2	10.38	28.36	104	39	P	H
		5462.08	53.77	-14.53	68.3	37.58	34.2	10.38	28.39	104	39	P	H
		5451.76	44.63	-9.37	54	28.41	34.2	10.38	28.36	104	39	A	H
	*	5610	105.97	-	-	89.37	34.3	10.56	28.26	104	39	P	H
		5610	97.94	-	-	81.34	34.3	10.56	28.26	104	39	A	H
		5747.325	54.01	-14.29	68.3	36.75	34.6	10.62	27.96	104	39	P	H
		5453.68	53.72	-20.28	74	37.51	34.2	10.38	28.37	181	13	P	V
		5465.68	53.14	-15.16	68.3	36.91	34.2	10.43	28.4	181	13	P	V
		5453.68	44.01	-9.99	54	27.8	34.2	10.38	28.37	181	13	A	V
	*	5610	100.47	-	-	83.87	34.3	10.56	28.26	181	13	P	V
		5610	91.6	-	-	75	34.3	10.56	28.26	181	13	A	V
		5753.275	54.34	-13.96	68.3	37.03	34.63	10.62	27.94	181	13	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		11060	47.6	-26.4	74	55.75	37.96	12.12	58.23	-	-	P	H
		16590	47.39	-20.91	68.3	49.14	41.75	15.25	58.75	-	-	P	H
		11060	45.41	-28.59	74	53.56	37.96	12.12	58.23	-	-	P	V
		16590	47.52	-20.78	68.3	49.27	41.75	15.25	58.75	-	-	P	V
802.11ac VHT80 CH 122 5610MHz		11220	47.94	-26.06	74	55.78	38.1	12.12	58.06	-	-	P	H
		16830	47.22	-21.08	68.3	47.96	42.24	15.51	58.49	-	-	P	H
		11220	47.16	-26.84	74	55	38.1	12.12	58.06	-	-	P	V
		16830	47.97	-20.33	68.3	48.71	42.24	15.51	58.49	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz
WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT160 CH 114 5570MHz		5451.76	57.51	-16.49	74	41.29	34.2	10.38	28.36	101	44	P	H
		5460.64	56.33	-11.97	68.3	40.14	34.2	10.38	28.39	101	44	P	H
		5451.52	47.71	-6.29	54	31.49	34.2	10.38	28.36	101	44	A	H
	*	5570	101.56	-	-	85.16	34.23	10.52	28.35	101	44	P	H
		5570	94.63	-	-	78.23	34.23	10.52	28.35	101	44	A	H
		5734.76	57.58	-10.72	68.3	40.35	34.6	10.61	27.98	101	44	P	H
		5404.72	54.03	-19.97	74	37.72	34.2	10.34	28.23	105	18	P	V
		5463.76	52.97	-15.33	68.3	36.79	34.2	10.38	28.4	105	18	P	V
		5446.96	44.09	-9.91	54	27.86	34.2	10.38	28.35	105	18	A	V
	*	5570	92.4	-	-	76	34.23	10.52	28.35	105	18	P	V
		5570	84.63	-	-	68.23	34.23	10.52	28.35	105	18	A	V
		5740.43	54.48	-13.82	68.3	37.23	34.6	10.62	27.97	105	18	P	V



UNII-2C 5470~5725MHz
WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT160 CH 114 5570MHz		11140	47.97	-26.03	74	55.97	38.02	12.13	58.15	-	-	P	H
		16717	46.24	-22.06	68.3	15.2	42.03	21.05	32.04	-	-	P	H
		11140	47.83	-26.17	74	55.83	38.02	12.13	58.15	-	-	P	V
		16710	47.94	-20.36	68.3	49.26	41.99	15.31	58.62	-	-	P	V



UNII-2C 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 100 5500MHz		5404.72	53.88	-20.12	74	37.57	34.2	10.34	28.23	104	38	P	H
		5470	54.06	-14.24	68.3	37.85	34.2	10.43	28.42	104	38	P	H
		5350	44.98	-9.02	54	28.56	34.2	10.3	28.08	104	38	A	H
	*	5500	113.87	-	-	97.74	34.2	10.43	28.5	104	38	P	H
		5500	106.39	-	-	90.26	34.2	10.43	28.5	104	38	A	H
		5430.8	53.71	-20.29	74	37.44	34.2	10.38	28.31	104	19	P	V
		5468.72	53.89	-14.41	68.3	37.67	34.2	10.43	28.41	104	19	P	V
		5350.32	43.92	-10.08	54	27.5	34.2	10.3	28.08	104	19	A	V
	*	5500	107.51	-	-	91.38	34.2	10.43	28.5	104	19	P	V
		5500	99.28	-	-	83.15	34.2	10.43	28.5	104	19	A	V
802.11ax HE20 Full CH 116 5580MHz		5430.64	53.86	-20.14	74	37.59	34.2	10.38	28.31	104	37	P	H
		5464.48	52.42	-15.88	68.3	36.24	34.2	10.38	28.4	104	37	P	H
		5427.52	45.33	-8.67	54	29.05	34.2	10.38	28.3	104	37	A	H
	*	5580	112.51	-	-	96.08	34.23	10.52	28.32	104	37	P	H
		5580	105.56	-	-	89.13	34.23	10.52	28.32	104	37	A	H
		5738.225	53.9	-14.4	68.3	36.67	34.6	10.61	27.98	104	37	P	H
		5419.36	54.14	-19.86	74	37.87	34.2	10.34	28.27	104	19	P	V
		5462.32	52.31	-15.99	68.3	36.12	34.2	10.38	28.39	104	19	P	V
		5430.64	44.07	-9.93	54	27.8	34.2	10.38	28.31	104	19	A	V
	*	5580	106.09	-	-	89.66	34.23	10.52	28.32	104	19	P	V
		5580	98.59	-	-	82.16	34.23	10.52	28.32	104	19	A	V
802.11ax HE20 Full CH 140 5700MHz		5761.85	54.11	-14.19	68.3	36.78	34.63	10.62	27.92	104	19	P	V
	*	5700	112.97	-	-	95.92	34.5	10.61	28.06	104	35	P	H
		5700	105.31	-	-	88.26	34.5	10.61	28.06	104	35	A	H
		5727.8	58.84	-9.46	68.3	41.66	34.57	10.61	28	104	35	P	H
	*	5700	107.24	-	-	90.19	34.5	10.61	28.06	104	1	P	V
		5700	99.69	-	-	82.64	34.5	10.61	28.06	104	1	A	V
802.11ax HE20 Full CH 140 5700MHz		5728.2	55.31	-12.99	68.3	38.13	34.57	10.61	28	104	1	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 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 100 5500MHz		11000	47.55	-26.45	74	55.94	37.9	12.01	58.3	-	-	P	H
		16500	47.97	-20.33	68.3	49.97	41.57	15.27	58.84	-	-	P	H
		11000	47.45	-26.55	74	55.84	37.9	12.01	58.3	-	-	P	V
		16500	47.14	-21.16	68.3	49.14	41.57	15.27	58.84	-	-	P	V
802.11ax HE20 Full CH 116 5580MHz		11160	47.56	-26.44	74	55.52	38.05	12.1	58.11	-	-	P	H
		16740	47.09	-21.21	68.3	48.19	42.07	15.41	58.58	-	-	P	H
		11160	47.17	-26.83	74	55.13	38.05	12.1	58.11	-	-	P	V
		16740	47.87	-20.43	68.3	48.97	42.07	15.41	58.58	-	-	P	V
802.11ax HE20 Full CH 140 5700MHz		11400	46.5	-27.5	74	53.89	38.27	12.19	57.85	-	-	P	H
		17100	46.19	-22.11	68.3	46.44	42.46	15.45	58.16	-	-	P	H
		11400	47.98	-26.02	74	55.37	38.27	12.19	57.85	-	-	P	V
		17100	47.14	-21.16	68.3	47.39	42.46	15.45	58.16	-	-	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 Partial 106 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5400.72	54.76	-19.24	74	38.44	34.2	10.34	28.22	100	37	P	H
		5461.04	54.36	-13.94	68.3	38.17	34.2	10.38	28.39	100	37	P	H
		5355.6	44.26	-9.74	54	27.86	34.2	10.3	28.1	100	37	A	H
	*	5500	111.08	-	-	94.95	34.2	10.43	28.5	100	37	P	H
		5500	105.25	-	-	89.12	34.2	10.43	28.5	100	37	A	H
		5446.96	53.01	-20.99	74	36.78	34.2	10.38	28.35	150	18	P	V
		5463.12	52.46	-15.84	68.3	36.28	34.2	10.38	28.4	150	18	P	V
		5449.2	44	-10	54	27.78	34.2	10.38	28.36	150	18	A	V
	*	5500	108.4	-	-	92.27	34.2	10.43	28.5	150	18	P	V
		5500	101.28	-	-	85.15	34.2	10.43	28.5	150	18	A	V
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	110.27	-	-	93.22	34.5	10.61	28.06	100	33		H
		5700	104.7	-	-	87.65	34.5	10.61	28.06	100	33		H
		5743.72	53.92	-14.38	68.3	36.66	34.6	10.62	27.96	100	33		H
	*	5700	109.18	-	-	92.13	34.5	10.61	28.06	150	18	P	V
		5700	102.71	-	-	85.66	34.5	10.61	28.06	150	18	A	V
		5761.8	54.85	-13.45	68.3	37.52	34.63	10.62	27.92	150	18	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 Partial 106 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		11000	47.16	-26.84	74	55.55	37.9	12.01	58.3	-	-	P	H
		16500	47.43	-20.87	68.3	49.43	41.57	15.27	58.84	-	-	P	H
		11000	47.05	-26.95	74	55.44	37.9	12.01	58.3	-	-	P	V
		16500	47.99	-20.31	68.3	49.99	41.57	15.27	58.84	-	-	P	V
802.11ax HE20 Partial 106/54 CH 140 5700MHz		11400	47.47	-26.53	74	54.86	38.27	12.19	57.85	-	-	P	H
		17100	47.26	-21.04	68.3	47.51	42.46	15.45	58.16	-	-	P	H
		11400	47.8	-26.2	74	55.19	38.27	12.19	57.85	-	-	P	V
		17100	47.85	-20.45	68.3	48.1	42.46	15.45	58.16	-	-	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 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 102 5510MHz		5457.52	55.8	-18.2	74	39.6	34.2	10.38	28.38	104	40	P	H
		5468.8	58.3	-10	68.3	42.08	34.2	10.43	28.41	104	40	P	H
		5459.92	46.77	-7.23	54	30.58	34.2	10.38	28.39	104	40	A	H
	*	5510	111.65	-	-	95.46	34.2	10.47	28.48	104	40	P	H
		5510	104.45	-	-	88.26	34.2	10.47	28.48	104	40	A	H
		5731.61	54.53	-13.77	68.3	37.34	34.57	10.61	27.99	104	40	P	H
		5456.56	53.04	-20.96	74	36.84	34.2	10.38	28.38	165	20	P	V
		5469.04	52.54	-15.76	68.3	36.32	34.2	10.43	28.41	165	20	P	V
		5459.92	43.98	-10.02	54	27.79	34.2	10.38	28.39	165	20	A	V
	*	5510	103.03	-	-	86.84	34.2	10.47	28.48	165	20	P	V
		5510	95.32	-	-	79.13	34.2	10.47	28.48	165	20	A	V
		5736.965	53.63	-14.67	68.3	36.4	34.6	10.61	27.98	165	20	P	V
802.11ax HE40 Full CH 110 5550MHz		5393.44	54.13	-19.87	74	37.79	34.2	10.34	28.2	106	58	P	H
		5469.52	52.67	-15.63	68.3	36.45	34.2	10.43	28.41	106	58	P	H
		5395.6	45.35	-8.65	54	29.02	34.2	10.34	28.21	106	58	A	H
	*	5550	112.15	-	-	95.82	34.2	10.52	28.39	106	58	P	H
		5550	104.59	-	-	88.26	34.2	10.52	28.39	106	58	A	H
		5734.445	54.88	-13.42	68.3	37.68	34.57	10.61	27.98	106	58	P	H
		5396.32	53	-21	74	36.67	34.2	10.34	28.21	184	22	P	V
		5460.88	51.36	-16.94	68.3	35.17	34.2	10.38	28.39	184	22	P	V
		5450.32	43.89	-10.11	54	27.67	34.2	10.38	28.36	184	22	A	V
	*	5550	102.87	-	-	86.54	34.2	10.52	28.39	184	22	P	V
		5550	95.49	-	-	79.16	34.2	10.52	28.39	184	22	A	V
		5742.635	53.87	-14.43	68.3	36.62	34.6	10.62	27.97	184	22	P	V
802.11ax HE40 Full CH 134 5670MHz		5433.65	53.15	-20.85	74	36.88	34.2	10.38	28.31	104	38	P	H
		5464.45	53.8	-14.5	68.3	37.62	34.2	10.38	28.4	104	38	P	H
		5451.15	44.08	-9.92	54	27.86	34.2	10.38	28.36	104	38	A	H
	*	5670	114.72	-	-	97.86	34.4	10.59	28.13	104	38	P	H
		5670	107.11	-	-	90.25	34.4	10.59	28.13	104	38	A	H
		5730.175	54.57	-13.73	68.3	37.38	34.57	10.61	27.99	104	38	P	H
		5368.55	53.51	-20.49	74	37.14	34.2	10.3	28.13	104	12	P	V
		5465.85	51.6	-16.7	68.3	35.37	34.2	10.43	28.4	104	12	P	V
		5459.2	43.78	-10.22	54	27.59	34.2	10.38	28.39	104	12	A	V
	*	5670	104.18	-	-	87.32	34.4	10.59	28.13	104	12	P	V
		5670	96.99	-	-	80.13	34.4	10.59	28.13	104	12	A	V
		5747.15	54.31	-13.99	68.3	37.05	34.6	10.62	27.96	104	12	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 102 5510MHz		11020	47.77	-26.23	74	56.09	37.92	12.04	58.28	-	-	P	H
		16530	47.28	-21.02	68.3	49.18	41.64	15.26	58.8	-	-	P	H
		11020	47.89	-26.11	74	56.21	37.92	12.04	58.28	-	-	P	V
		16530	47.87	-20.43	68.3	49.77	41.64	15.26	58.8	-	-	P	V
802.11ax HE40 Full CH 110 5550MHz		11100	47.57	-26.43	74	55.6	37.99	12.17	58.19	-	-	P	H
		16650	47.86	-20.44	68.3	49.36	41.89	15.28	58.67	-	-	P	H
		11100	46.54	-27.46	74	54.57	37.99	12.17	58.19	-	-	P	V
		16650	47.39	-20.91	68.3	48.89	41.89	15.28	58.67	-	-	P	V
802.11ax HE40 Full CH 134 5670MHz		11340	47.14	-26.86	74	54.52	38.21	12.34	57.93	-	-	P	H
		17010	47.7	-20.6	68.3	47.81	42.58	15.59	58.28	-	-	P	H
		11340	46.24	-27.76	74	53.62	38.21	12.34	57.93	-	-	P	V
		17010	47.3	-21	68.3	47.41	42.58	15.59	58.28	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		5457.76	58.84	-15.16	74	42.64	34.2	10.38	28.38	102	41	P	H
		5466.4	61.94	-6.36	68.3	45.72	34.2	10.43	28.41	102	41	P	H
		5350.24	44.78	-9.22	54	28.36	34.2	10.3	28.08	102	41	A	H
	*	5510	110.5	-	-	94.31	34.2	10.47	28.48	102	41	P	H
		5510	103.45	-	-	87.26	34.2	10.47	28.48	102	41	A	H
		5762.165	54.91	-13.39	68.3	37.58	34.63	10.62	27.92	102	41	P	H
		5458.48	54.63	-19.37	74	38.43	34.2	10.38	28.38	100	56	P	V
		5464.72	57.08	-11.22	68.3	40.9	34.2	10.38	28.4	100	56	P	V
		5456.32	44.06	-9.94	54	27.86	34.2	10.38	28.38	100	56	A	V
	*	5510	104.5	-	-	88.31	34.2	10.47	28.48	100	56	P	V
		5510	97.42	-	-	81.23	34.2	10.47	28.48	100	56	A	V
		5730.665	55.15	-13.15	68.3	37.96	34.57	10.61	27.99	100	56	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5432.95	54.51	-19.49	74	38.24	34.2	10.38	28.31	100	36	P	H
		5459.9	54.08	-19.92	74	37.89	34.2	10.38	28.39	100	36	P	H
		5448.7	44.32	-9.68	54	28.1	34.2	10.38	28.36	100	36	A	H
	*	5670	114	-	-	97.14	34.4	10.59	28.13	100	36	P	H
		5670	107	-	-	90.14	34.4	10.59	28.13	100	36	A	H
		5725.8	61.8	-6.5	68.3	44.62	34.57	10.61	28	100	36	P	H
		5450.45	54.25	-19.75	74	38.03	34.2	10.38	28.36	100	20	P	V
		5461.3	53.21	-15.09	68.3	37.02	34.2	10.38	28.39	100	20	P	V
		5457.8	44.18	-9.82	54	27.98	34.2	10.38	28.38	100	20	A	V
	*	5670	110.7	-	-	93.84	34.4	10.59	28.13	100	20	P	V
		5670	103.13	-	-	86.27	34.4	10.59	28.13	100	20	A	V
		5726.15	60.9	-7.4	68.3	43.72	34.57	10.61	28	100	20	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 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		11020	46.96	-27.04	74	55.28	37.92	12.04	58.28	-	-	P	H
		16530	46.79	-21.51	68.3	48.69	41.64	15.26	58.8	-	-	P	H
		11020	46.06	-27.94	74	54.38	37.92	12.04	58.28	-	-	P	V
		16530	46.96	-21.34	68.3	48.86	41.64	15.26	58.8	-	-	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		11340	46.64	-27.36	74	54.02	38.21	12.34	57.93	-	-	P	H
		17010	46.84	-21.46	68.3	46.95	42.58	15.59	58.28	-	-	P	H
		11340	47.21	-26.79	74	54.59	38.21	12.34	57.93	-	-	P	V
		17010	47.87	-20.43	68.3	47.98	42.58	15.59	58.28	-	-	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 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 106 5530MHz		5449.36	57.03	-16.97	74	40.81	34.2	10.38	28.36	106	39	P	H
		5466.88	57.12	-11.18	68.3	40.9	34.2	10.43	28.41	106	39	P	H
		5459.92	47.91	-6.09	54	31.72	34.2	10.38	28.39	106	39	A	H
	*	5530	106.79	-	-	90.55	34.2	10.47	28.43	106	39	P	H
		5530	99.36	-	-	83.12	34.2	10.47	28.43	106	39	A	H
		5740.115	54.42	-13.88	68.3	37.17	34.6	10.62	27.97	106	39	P	H
		5378.32	53.1	-20.9	74	36.76	34.2	10.3	28.16	144	22	P	V
		5462.8	52.32	-15.98	68.3	36.14	34.2	10.38	28.4	144	22	P	V
		5459.92	44.51	-9.49	54	28.32	34.2	10.38	28.39	144	22	A	V
	*	5530	100.07	-	-	83.83	34.2	10.47	28.43	144	22	P	V
		5530	92.36	-	-	76.12	34.2	10.47	28.43	144	22	A	V
		5731.61	53.08	-15.22	68.3	35.89	34.57	10.61	27.99	144	22	P	V
802.11ax HE80 Full CH 122 5610MHz		5424.4	54.51	-19.49	74	38.26	34.2	10.34	28.29	105	38	P	H
		5469.52	53.46	-14.84	68.3	37.24	34.2	10.43	28.41	105	38	P	H
		5457.76	44.73	-9.27	54	28.53	34.2	10.38	28.38	105	38	A	H
	*	5610	106.82	-	-	90.22	34.3	10.56	28.26	105	38	P	H
		5610	99.72	-	-	83.12	34.3	10.56	28.26	105	38	A	H
		5750.3	54.44	-13.86	68.3	37.17	34.6	10.62	27.95	105	38	P	H
		5415.28	53.2	-20.8	74	36.92	34.2	10.34	28.26	163	19	P	V
		5467.36	52.17	-16.13	68.3	35.95	34.2	10.43	28.41	163	19	P	V
		5459.2	44.03	-9.97	54	27.84	34.2	10.38	28.39	163	19	A	V
	*	5610	101.84	-	-	85.24	34.3	10.56	28.26	163	19	P	V
		5610	94.73	-	-	78.13	34.3	10.56	28.26	163	19	A	V
		5728.6	54.22	-14.08	68.3	37.04	34.57	10.61	28	163	19	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 106 5530MHz		11060	47.08	-26.92	74	55.23	37.96	12.12	58.23	-	-	P	H
		16590	47.9	-20.4	68.3	49.65	41.75	15.25	58.75	-	-	P	H
		11060	47.68	-26.32	74	55.83	37.96	12.12	58.23	-	-	P	V
		16590	47.5	-20.8	68.3	49.25	41.75	15.25	58.75	-	-	P	V
802.11ax HE80 Full CH 122 5610MHz		11220	47.13	-26.87	74	54.97	38.1	12.12	58.06	-	-	P	H
		16830	47.24	-21.06	68.3	47.98	42.24	15.51	58.49	-	-	P	H
		11220	47.69	-26.31	74	55.53	38.1	12.12	58.06	-	-	P	V
		16830	47.65	-20.65	68.3	48.39	42.24	15.51	58.49	-	-	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial 484/66 CH 106 5530MHz		5458	56.27	-17.73	74	40.07	34.2	10.38	28.38	100	37	P	H
		5461.12	57.1	-11.2	68.3	40.91	34.2	10.38	28.39	100	37	P	H
		5459.2	44.45	-9.55	54	28.26	34.2	10.38	28.39	100	37	A	H
	*	5530	106.42	-	-	90.18	34.2	10.47	28.43	100	37	P	H
		5530	99.5	-	-	83.26	34.2	10.47	28.43	100	37	A	H
		5725.31	54.18	-14.12	68.3	37	34.57	10.61	28	100	37	P	H
		5442.64	54.7	-19.3	74	38.46	34.2	10.38	28.34	100	20	P	V
		5464.96	53.64	-14.66	68.3	37.46	34.2	10.38	28.4	100	20	P	V
		5447.92	44.12	-9.88	54	27.89	34.2	10.38	28.35	100	20	A	V
	*	5530	100.3	-	-	84.06	34.2	10.47	28.43	100	20	P	V
		5530	93.5	-	-	77.26	34.2	10.47	28.43	100	20	A	V
		5696.645	57.12	-11.18	68.3	40.1	34.5	10.59	28.07	100	20	P	V
802.11ax HE80 Partial 484/67 CH 122 5610MHz		5391.76	55.4	-18.6	74	39.06	34.2	10.34	28.2	101	39	P	H
		5465.92	55.94	-12.36	68.3	39.71	34.2	10.43	28.4	101	39	P	H
		5458.72	44.78	-9.22	54	28.58	34.2	10.38	28.38	101	39	A	H
	*	5610	110.61	-	-	94.01	34.3	10.56	28.26	101	39	P	H
		5610	103.86	-	-	87.26	34.3	10.56	28.26	101	39	A	H
		5762.2	55.38	-12.92	68.3	38.05	34.63	10.62	27.92	101	39	P	H
		5449.84	56.39	-17.61	74	40.17	34.2	10.38	28.36	147	22	P	V
		5464	54.87	-13.43	68.3	38.69	34.2	10.38	28.4	147	22	P	V
		5459.92	44.16	-9.84	54	27.97	34.2	10.38	28.39	147	22	A	V
	*	5610	105.16	-	-	88.56	34.3	10.56	28.26	147	22	P	V
		5610	97.86	-	-	81.26	34.3	10.56	28.26	147	22	A	V
		5754.675	54.82	-13.48	68.3	37.51	34.63	10.62	27.94	147	22	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Partial 484/66 CH 106 5530MHz		11060	46.15	-27.85	74	54.3	37.96	12.12	58.23	-	-	P	H
		16590	47.75	-20.55	68.3	49.5	41.75	15.25	58.75	-	-	P	H
		11060	47.7	-26.3	74	55.85	37.96	12.12	58.23	-	-	P	V
		16590	47.71	-20.59	68.3	49.46	41.75	15.25	58.75	-	-	P	V
802.11ax HE80 Partial 484/67 CH 122 5610MHz		11220	47.59	-26.41	74	55.43	38.1	12.12	58.06	-	-	P	H
		16830	47.11	-21.19	68.3	47.85	42.24	15.51	58.49	-	-	P	H
		11220	47.16	-26.84	74	55	38.1	12.12	58.06	-	-	P	V
		16830	47.21	-21.09	68.3	47.95	42.24	15.51	58.49	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 114 5570MHz		5440.72	58.35	-15.65	74	42.1	34.2	10.38	28.33	100	47	P	H
		5459.92	56.06	-17.94	74	39.87	34.2	10.38	28.39	100	47	P	H
		5451.28	47.94	-6.06	54	31.72	34.2	10.38	28.36	100	47	A	H
	*	5570	102.73	-	-	86.33	34.23	10.52	28.35	100	47	P	H
		5570	96.01	-	-	79.61	34.23	10.52	28.35	100	47	A	H
		5734.445	58.64	-9.66	68.3	41.44	34.57	10.61	27.98	100	47	P	H
		5450.8	54.29	-19.71	74	38.07	34.2	10.38	28.36	107	13	P	V
		5464.48	52.65	-15.65	68.3	36.47	34.2	10.38	28.4	107	13	P	V
		5448.4	44.13	-9.87	54	27.91	34.2	10.38	28.36	107	13	A	V
	*	5570	93.96	-	-	77.56	34.23	10.52	28.35	107	13	P	V
		5570	86.63	-	-	70.23	34.23	10.52	28.35	107	13	A	V
		5734.76	54.64	-13.66	68.3	37.41	34.6	10.61	27.98	107	13	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 HE160 Full (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 114 5570MHz		11140	47.97	-26.03	74	55.97	38.02	12.13	58.15	-	-	P	H
		16710	47.24	-21.06	68.3	48.56	41.99	15.31	58.62	-	-	P	H
		11140	47.83	-26.17	74	55.83	38.02	12.13	58.15	-	-	P	V
		16710	47.94	-20.36	68.3	49.26	41.99	15.31	58.62	-	-	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 HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Partial 996/67 CH 114 5570MHz		5445.52	64.54	-9.46	74	48.31	34.2	10.38	28.35	101	58	P	H
		5461.6	61.39	-6.91	68.3	45.2	34.2	10.38	28.39	101	58	P	H
		5459.92	45.72	-8.28	54	29.53	34.2	10.38	28.39	101	58	A	H
	*	5570	102.29	-	-	85.89	34.23	10.52	28.35	101	58	P	H
		5570	94.66	-	-	78.26	34.23	10.52	28.35	101	58	A	H
		5728.46	59.84	-8.46	68.3	42.66	34.57	10.61	28	101	58	P	H
		5411.92	57.79	-16.21	74	41.5	34.2	10.34	28.25	100	58	P	V
		5468.32	55.71	-12.59	68.3	39.49	34.2	10.43	28.41	100	58	P	V
		5459.92	44.68	-9.32	54	28.49	34.2	10.38	28.39	100	58	A	V
	*	5570	98.78	-	-	82.38	34.23	10.52	28.35	100	58	P	V
		5570	91.66	-	-	75.26	34.23	10.52	28.35	100	58	A	V
		5728.145	57.66	-10.64	68.3	40.48	34.57	10.61	28	100	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 802.11ax HE160 Partial 996 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamplifier Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Partial 996/67 CH 114 5570MHz		11140	47.84	-26.16	74	55.84	38.02	12.13	58.15	-	-	P	H
		16710	47.98	-20.32	68.3	49.3	41.99	15.31	58.62	-	-	P	H
		11140	47.02	-26.98	74	55.02	38.02	12.13	58.15	-	-	P	V
		16710	47.44	-20.86	68.3	48.76	41.99	15.31	58.62	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz
WIFI 802.11n HT40 (LF @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 LF		47.46	21.75	-18.25	40	35.85	20.27	0.7	35.07	-	-	P	H
		104.69	22.41	-21.09	43.5	40.89	15.66	1.05	35.19	-	-	P	H
		190.05	27.39	-16.11	43.5	44.19	16.89	1.41	35.1	100	86	P	H
		319.06	23.8	-22.2	46	36.62	20.2	1.88	34.9	-	-	P	H
		674.08	25.25	-20.75	46	30.36	26.58	2.81	34.5	-	-	P	H
		828.31	27.62	-18.38	46	30.34	28.42	3.16	34.3	-	-	P	H
		39.7	30.65	-9.35	40	45.27	19.73	0.65	35	100	84	P	V
		170.65	33.06	-10.44	43.5	47.78	19.04	1.34	35.1	-	-	P	V
		197.81	32.37	-11.13	43.5	49.53	16.48	1.46	35.1	-	-	P	V
		303.54	25.49	-20.51	46	38.74	19.82	1.83	34.9	-	-	P	V
		562.53	25.15	-20.85	46	32.08	25.06	2.58	34.57	-	-	P	V
		868.08	28.65	-17.35	46	31.01	28.7	3.24	34.3	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Co-location:

802.11n HT40 CH 38 5190MHz& LTE Band13
(Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz& LTE Band13		5149.99	60.76	-13.24	74	44.22	34	10.06	27.52	100	57	P	H
		5150	47.91	-6.09	54	31.37	34	10.06	27.52	100	57	A	H
	*	5190	109.25	-	-	92.79	34	10.09	27.63	100	57	P	H
		5190	102.78	-	-	86.32	34	10.09	27.63	100	57	A	H
		5370.12	54.75	-19.25	74	38.39	34.2	10.3	28.14	100	57	P	H
		5352.2	44.28	-9.72	54	27.87	34.2	10.3	28.09	100	57	A	H
		5144.82	57.36	-16.64	74	40.81	34	10.06	27.51	100	173	P	V
		5150	47.69	-6.31	54	31.15	34	10.06	27.52	100	173	A	V
	*	5190	103.17	-	-	86.71	34	10.09	27.63	100	173	P	V
		5190	96.58	-	-	80.12	34	10.09	27.63	100	173	A	V
		5454.68	53.78	-20.22	74	37.57	34.2	10.38	28.37	100	173	P	V
		5456.36	43.8	-10.2	54	27.6	34.2	10.38	28.38	100	173	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**802.11n HT40 CH 38 5190MHz& LTE Band13
(Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz& LTE Band13		1559.5	35.43	-38.57	74	60.81	28.1	4.43	57.91	-	-	P	H
		2339.25	38.47	-35.53	74	59.04	31.7	5.49	57.76	-	-	P	H
		3119	41.15	-27.15	68.3	59	32.95	6.45	57.25	-	-	P	H
		10380	46.3	-22	68.3	56.46	37.23	11.59	58.98	-	-	P	H
		15570	46.44	-27.56	74	50.46	40.16	14.79	58.97	-	-	P	H
		1559.5	34.71	-39.29	74	60.09	28.1	4.43	57.91	-	-	P	V
		2339.25	38.79	-35.21	74	59.36	31.7	5.49	57.76	-	-	P	V
		3119	42.15	-26.15	68.3	60	32.95	6.45	57.25	-	-	P	V
		10380	47.21	-21.09	68.3	57.37	37.23	11.59	58.98	-	-	P	V
		15570	47.26	-26.74	74	51.28	40.16	14.79	58.97	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11n HT20 CH 11 2462MHz & 802.11n HT40 CH 38 5190MHz & LTE Band13
(Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 11 2462MHz & 802.11n HT40 CH 38 5190MHz & LTE Band13	*	2462	103.4	-	-	96.74	32.03	5.64	31.01	148	34	P	H
		2462	92.93	-	-	86.27	32.03	5.64	31.01	148	34	P	H
		2483.72	53.04	-20.96	74	46.26	32.07	5.66	30.95	148	34	A	H
		2483.52	42.44	-11.56	54	35.66	32.07	5.66	30.95	148	34	P	H
	*	2462	107.4	-	-	100.74	32.03	5.64	31.01	207	293	A	V
		2462	97.9	-	-	91.24	32.03	5.64	31.01	207	293	P	V
		2484.6	52.67	-21.33	74	45.89	32.07	5.66	30.95	207	293	A	V
		2484.44	45.28	-8.72	54	38.5	32.07	5.66	30.95	207	293	P	V
802.11n HT20 CH 11 2462MHz & 802.11n HT40 CH 38 5190MHz & LTE Band13		5147.42	58.77	-15.23	74	42.94	34	9.34	27.51	117	43	P	H
		5150	47.92	-6.08	54	32.1	34	9.34	27.52	117	43	A	H
	*	5190	107.73	-	-	91.96	34	9.4	27.63	117	43	P	H
		5190	100.4	-	-	84.63	34	9.4	27.63	117	43	A	H
		5360.32	52.56	-21.44	74	36.67	34.2	9.8	28.11	117	43	P	H
		5356.12	43.2	-10.8	54	27.3	34.2	9.8	28.1	117	43	A	H
		5148.72	55.05	-18.95	74	39.23	34	9.34	27.52	107	349	P	V
		5149.24	45.79	-8.21	54	29.97	34	9.34	27.52	107	349	A	V
	*	5190	103.97	-	-	88.2	34	9.4	27.63	107	349	P	V
		5190	98.16	-	-	82.39	34	9.4	27.63	107	349	A	V
		5379.36	53.3	-20.7	74	37.45	34.2	9.81	28.16	107	349	P	V
		5460	42.96	-11.04	54	27.25	34.2	9.9	28.39	107	349	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**802.11n HT20 CH 11 2462MHz & 802.11n HT40 CH 38 5190MHz & LTE Band13
(Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 11 2462MHz & 802.11n HT40 CH 38 5190MHz & LTE Band13		1559.5	40.58	-33.42	74	65.96	28.1	4.43	57.91	-	-	P	H
		2339.25	43.95	-30.05	74	64.52	31.7	5.49	57.76	-	-	P	H
		3119	45.58	-22.72	68.3	63.43	32.95	6.45	57.25	-	-	P	H
		4924	49.89	-24.11	74	64.84	33.7	8.9	57.55	-	-	P	H
		7386	45.77	-28.23	74	57.88	35.76	11.08	58.95	-	-	P	H
		10380	46.3	-22	68.3	56.46	37.23	11.59	58.98	-	-	P	H
		15570	46.76	-27.24	74	50.78	40.16	14.79	58.97	-	-	P	H
		1559.5	39.67	-34.33	74	65.05	28.1	4.43	57.91	-	-	P	V
		2339.25	42.72	-31.28	74	63.29	31.7	5.49	57.76	-	-	P	V
		3119	44.73	-23.57	68.3	62.58	32.95	6.45	57.25	-	-	P	V
		4924	47.96	-26.04	74	62.91	33.7	8.9	57.55	-	-	P	V
		7386	45.52	-28.48	74	57.63	35.76	11.08	58.95	-	-	P	V
		10380	47.83	-20.47	68.3	57.99	37.23	11.59	58.98	-	-	P	V
		15570	47.94	-26.06	74	51.96	40.16	14.79	58.97	-	-	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	Peak or Average
H/V	Horizontal or Vertical



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable 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) + Cable 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)

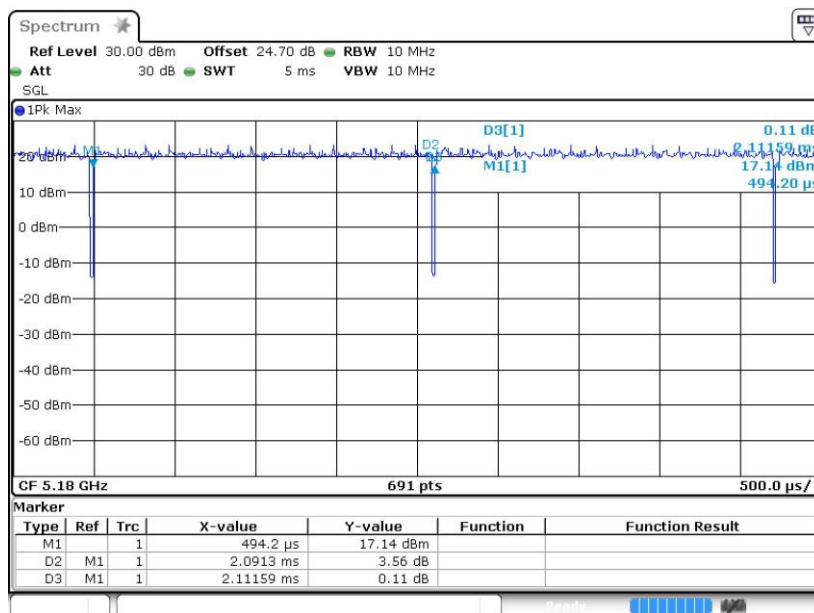
= -10.46(dB)

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

Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	99.04	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	100	-	-	10Hz
802.11ac VHT80	100	-	-	10Hz
802.11ac VHT160	100	-	-	10Hz
802.11ax HE20	100	-	-	10Hz
802.11ax HE40	100	-	-	10Hz
802.11ax HE80	100	-	-	10Hz
802.11ax HE160	100	-	-	10Hz

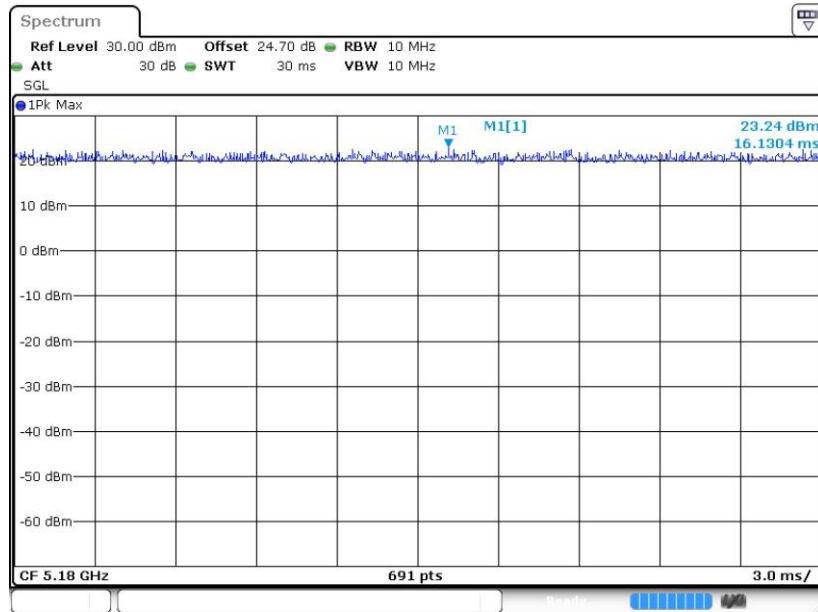
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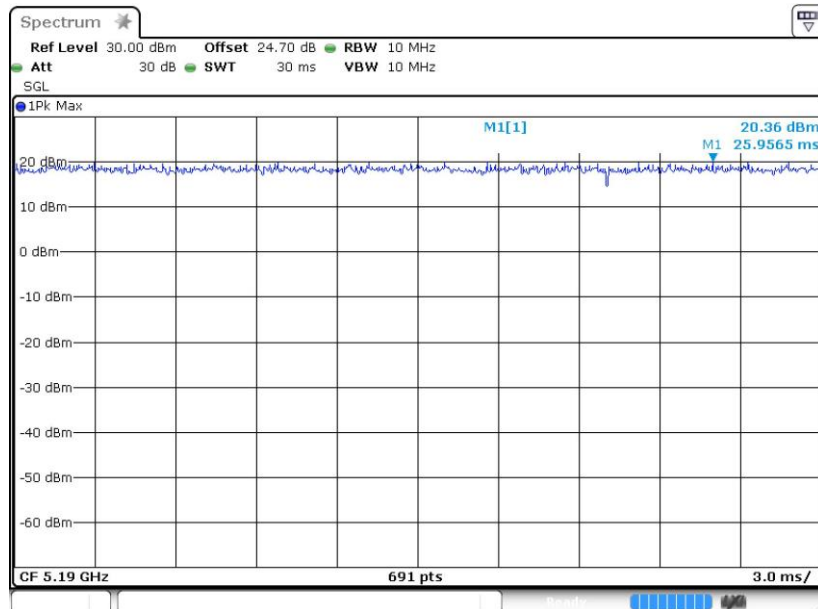


802.11n HT20



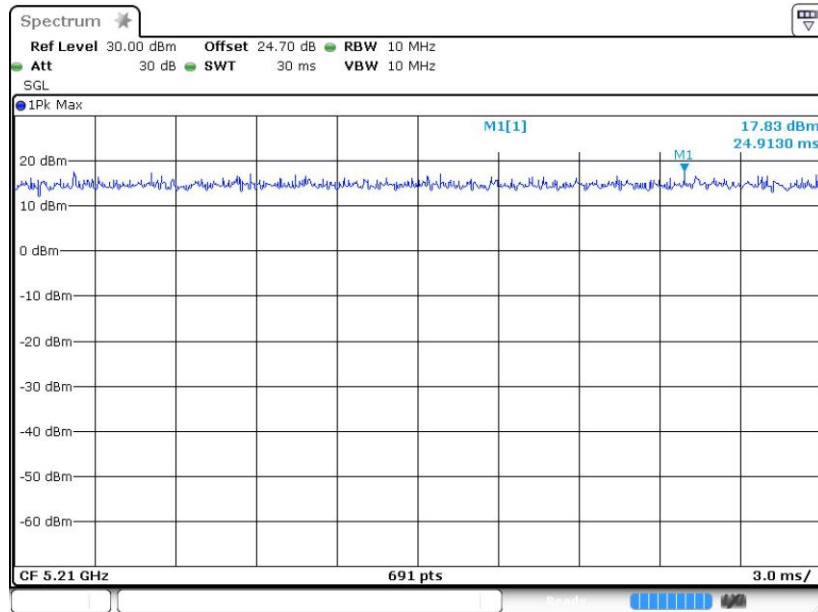
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802.11n HT40



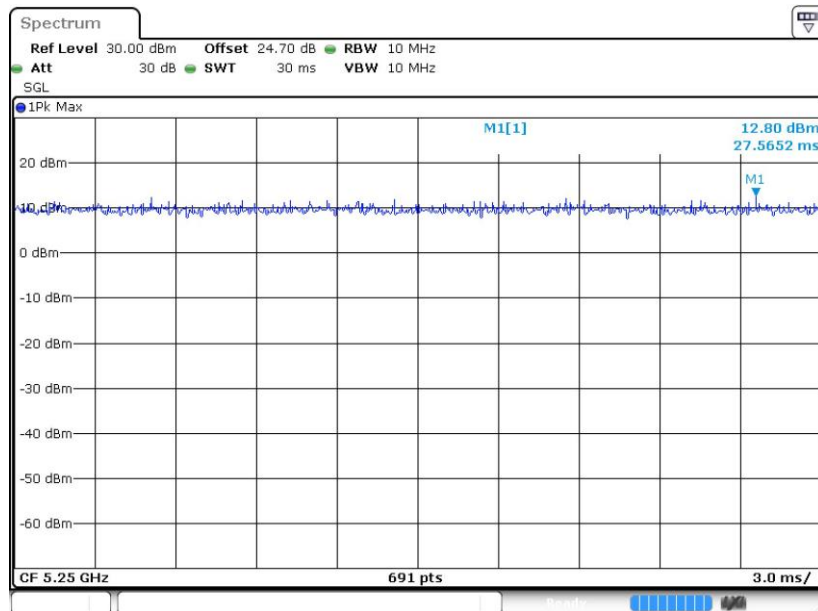
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802.11ac VHT80



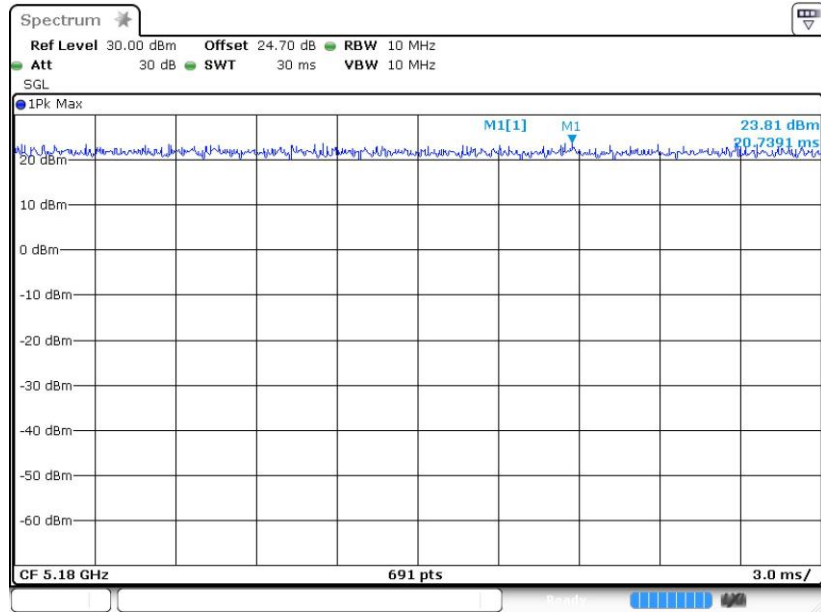
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802.11ac VHT160



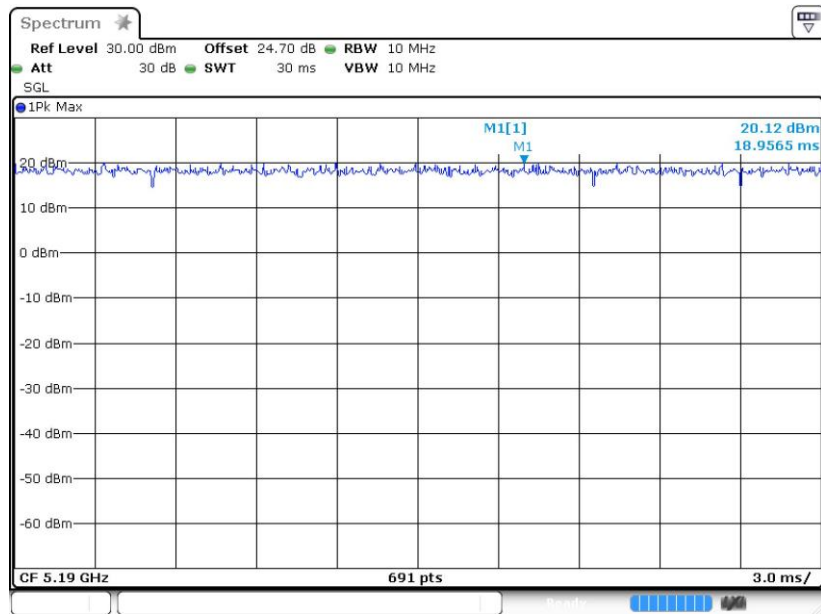
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802.11ax HE20



Date: 22.OCT.2021 13:53:46

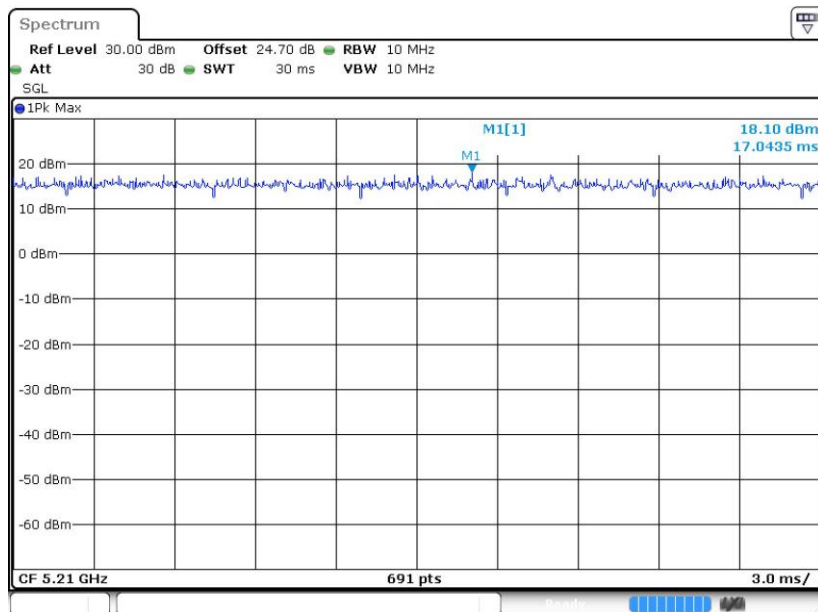
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Date: 22.OCT.2021 14:10:35

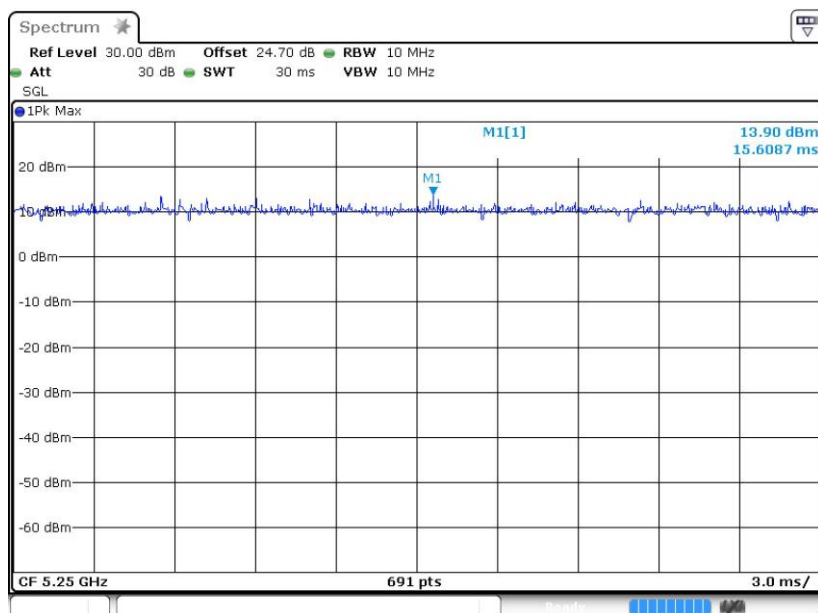


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Date: 22.OCT.2021 14:18:55

802.11ax HE160



Date: 22.OCT.2021 14:23:50