



FCC RADIO TEST REPORT

FCC ID : MSQAI2201
Equipment : ASUS Phone(Mobile Phone)
Brand Name : ASUS
Model Name : ASUS_AI2201_F
ASUS_AI2201_D
Applicant : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist.,
Taipei City 112, Taiwan
Manufacturer : ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist.,
Taipei City 112, Taiwan
Standard : FCC Part 15 Subpart E §15.407

The product was received on Feb. 11, 2022 and testing was performed from Mar. 03, 2022 to Jun. 08, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No. 58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	6
1.3 Testing Location	7
1.4 Applicable Standards.....	7
2 Test Configuration of Equipment Under Test	8
2.1 Carrier Frequency and Channel	8
2.2 Test Mode.....	10
2.3 Connection Diagram of Test System.....	12
2.4 Support Unit used in test configuration and system	12
2.5 EUT Operation Test Setup	13
2.6 Measurement Results Explanation Example.....	13
3 Test Result	14
3.1 26dB & 99% Occupied Bandwidth Measurement	14
3.2 Maximum Conducted Output Power Measurement	18
3.3 Power Spectral Density Measurement	20
3.4 Unwanted Emissions Measurement	27
3.5 AC Conducted Emission Measurement.....	32
3.6 Antenna Requirements.....	34
4 List of Measuring Equipment.....	36
5 Uncertainty of Evaluation	38
Appendix A. Conducted Test Results	
Appendix B. AC Conducted Emission Test Result	
Appendix C. Radiated Spurious Emission	
Appendix D. Radiated Spurious Emission Plots	
Appendix E. Duty Cycle Plots	
Appendix F. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR210404E	01	Initial issue of report	Jun. 30, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	2.07 dB under the limit at 5352.720 MHz
3.5	15.207	AC Conducted Emission	Pass	12.81 dB under the limit at 0.150 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".

Comments and Explanations:

1. The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The differences between ASUS_AI2201_F and ASUS AI2201_D are back cover (F: LGF; D: Pmoled) and EE BOM.

Reviewed by: Avis Chuang

Report Producer: Kaye Yang

1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11a/n/ac/ax, NFC, and GNSS

Product Feature	
Sample 1	SKU 1
Sample 2	SKU 2
Antenna Type	WWAN: PIFA Antenna WLAN <Ant. 4>: PIFA Antenna <Ant. 5>: PIFA Antenna <Ant. 6>: PIFA Antenna Bluetooth <Ant. 4>: PIFA Antenna <Ant. 5>: PIFA Antenna <Ant. 6>: PIFA Antenna GPS/Glonass/BDS/Galileo/SBAS: PIFA Antenna NFC: Loop Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 4: -2.55 Ant. 5: -0.42 Ant. 6: 1.54
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 4: -2.97 Ant. 5: -0.91 Ant. 6: 1.34
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 4: -0.1 Ant. 5: 1.19 Ant. 6: 0.35

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

Sample Information		
SKU	SKU 1	SKU 2
Build Stage	PR	
Config.	WW-High (with LGF)	WW-High (with PMOLED)
RF module board	WW-High(Entry)	WW-PRO
LCD + Touch front frame	AI2201 FRONT CASE ASSY WW	AI2201 FRONT CASE ASSY WW
DDR	16G (Samsung) LPDDR5 SAMSUNG/K3LK6K60BM-BGCP	18G(HYNIX) LPDDR5 HYNIX/H58GU6MK6HX042
UFS	512G (HYNIX) HYNIX HN8T25DEHKX077	512G (HYNIX) HYNIX HN8T25DEHKX077
MB	AI2201_MB	AI2201_MB
Battery	SCUD/C21P2101	SWD/C21P2101
Rear Camera 50+13M	PRIMAX/50-704JQASC8	TRIPLEWIN/CASAF-001A
Front Camera 12M	TSPRECISION/TNBF1166	LUXVISIONS/FRA-00000658
Rear Camera 5M	SHINE PHOTICS/BF515B	TSPRECISION/O5F9323 VERA1
PCB	COMPEQ	COMPEQ
CPU	QUALCOMM MPSP1518B / SM-8475-1 MPSP1518B ES	QUALCOMM MPSP1518B / SM-8475-1 MPSP1518B ES

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No.
	TH05-HY, 03CH15-HY , CO07-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Z plane for MIMO <Ant. 5+4>, X plan for MIMO <Ant. 5+6> plane as worst plane.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700



Frequency Band	Channel	Freq. (MHz)
5150-5350 MHz	50 [@]	5250

Note:

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

2.2 Test Mode

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The CDD mode is chosen as worst case configuration for all test cases due to higher power than SISO mode.

The 802.11n/ac mode has no higher power and PSD than 802.11ax mode, thus the 802.11ax mode is chosen as main test configuration, and the 802.11n/ac mode is verified the power.

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : GSM 850 Idle + Bluetooth Link + WLAN (5GHz) Link + Camera (front) + NFC On + USB Cable 1 (Bottom USB Port) (Charging from AC Adapter 1) + X mode + Aura sync + SIM 1 for Sample 2
Remark: For Radiated Test Cases, the tests were performed with Adapter 1, USB Cable 2 and Sample 2.	

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

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

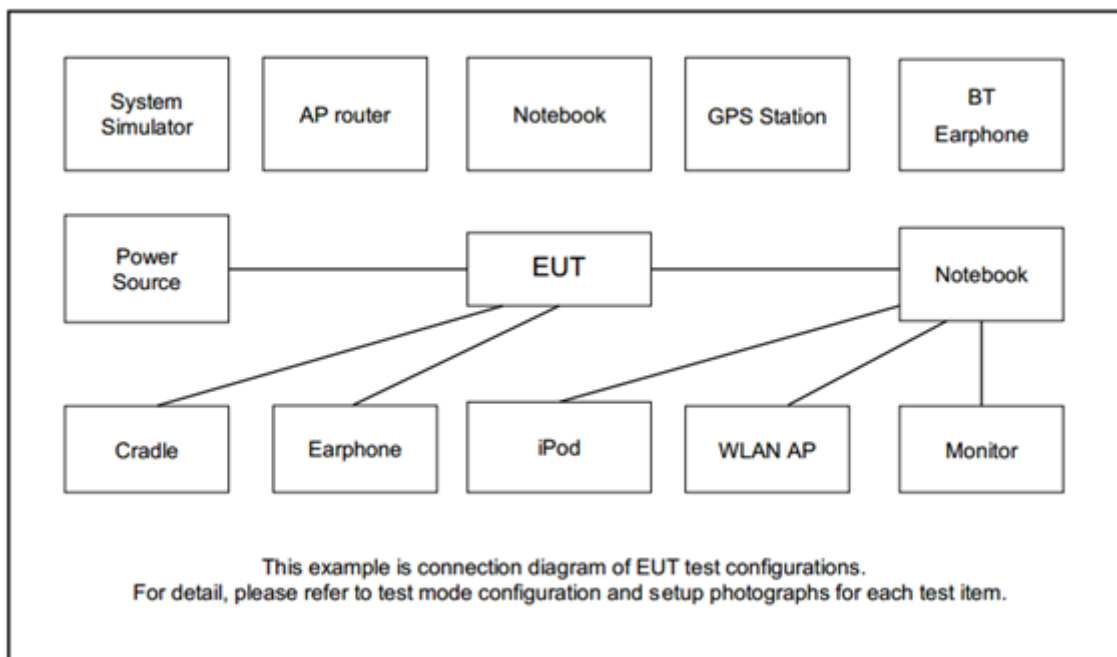
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

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

BW160		5150-5350 MHz		
		802.11ax HE160		
Ch. #		50		

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	SBH20	PY7-RD0010	N/A	N/A
3.	WLAN AP	ASUS	RT-AC52A	N/A	N/A	Unshielded, 1.8m
4.	Notebook	Dell	Latitude E3340	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
5.	Notebook	Dell	Latitude E3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
6.	Earphone	ASUS	EA009B	N/A	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "QRCT v4.0.00195.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

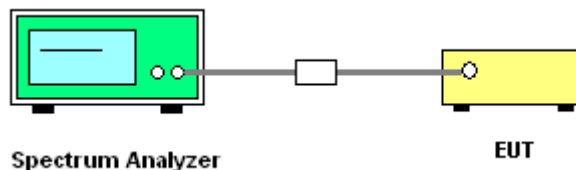
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



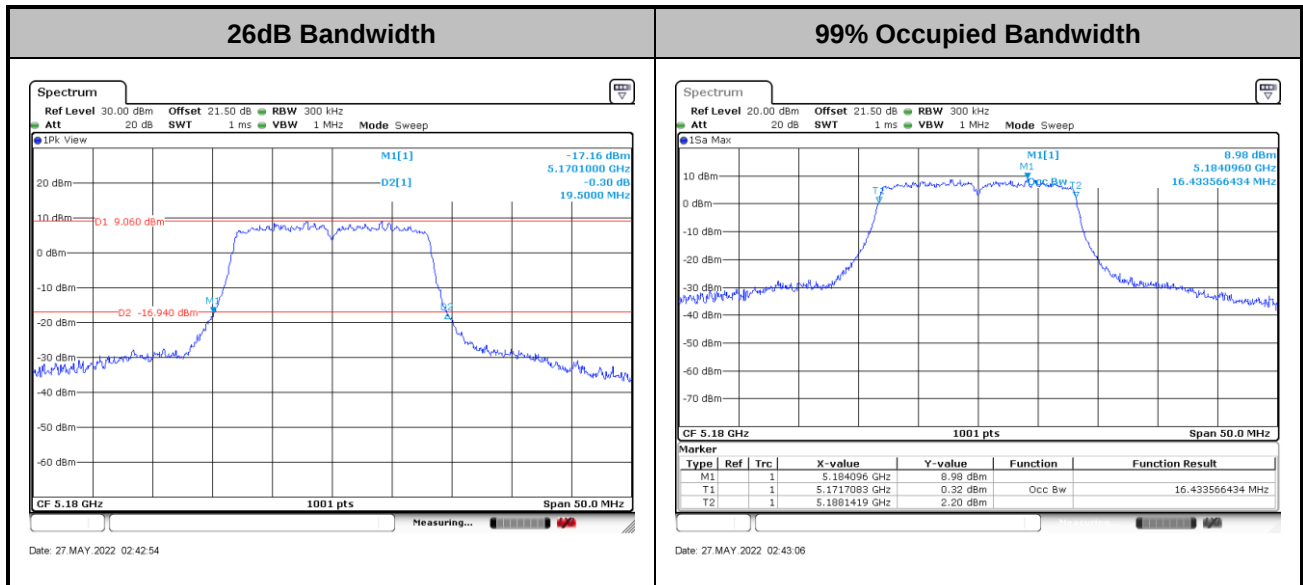
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



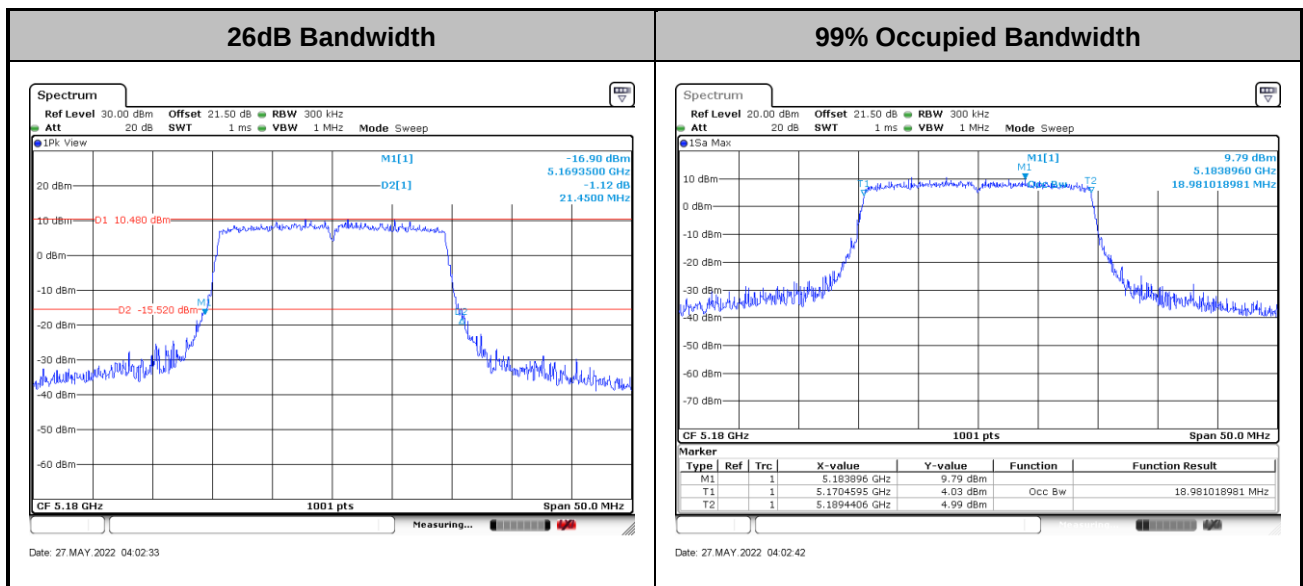
MIMO <Ant. 5+4>

<802.11a>



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

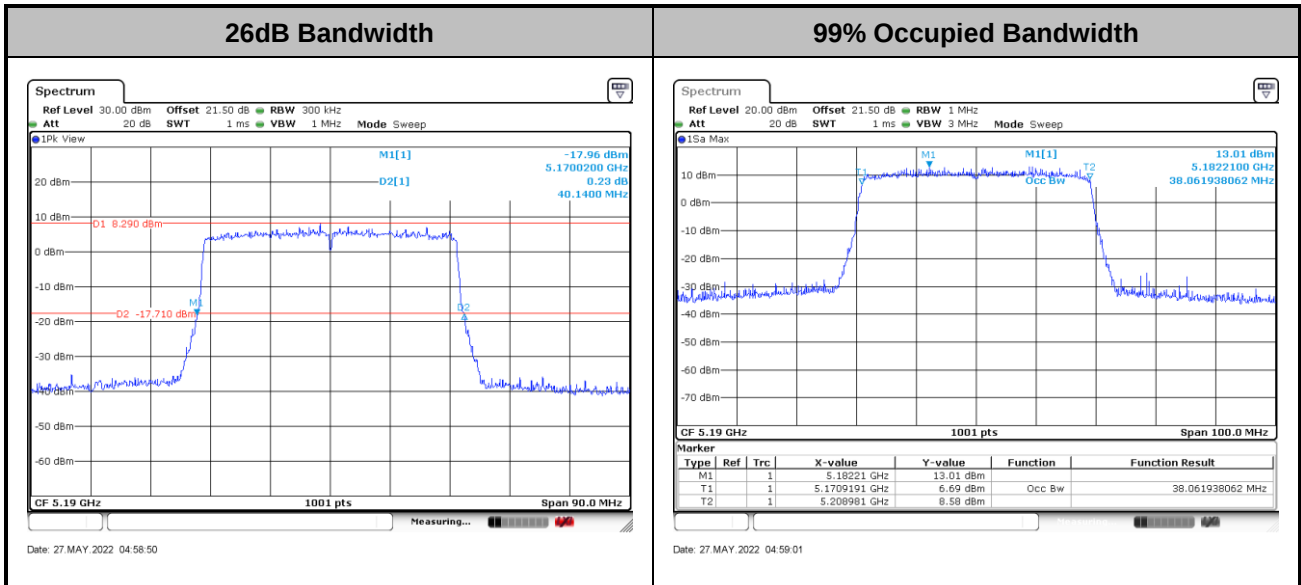
<802.11ax HE20>



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

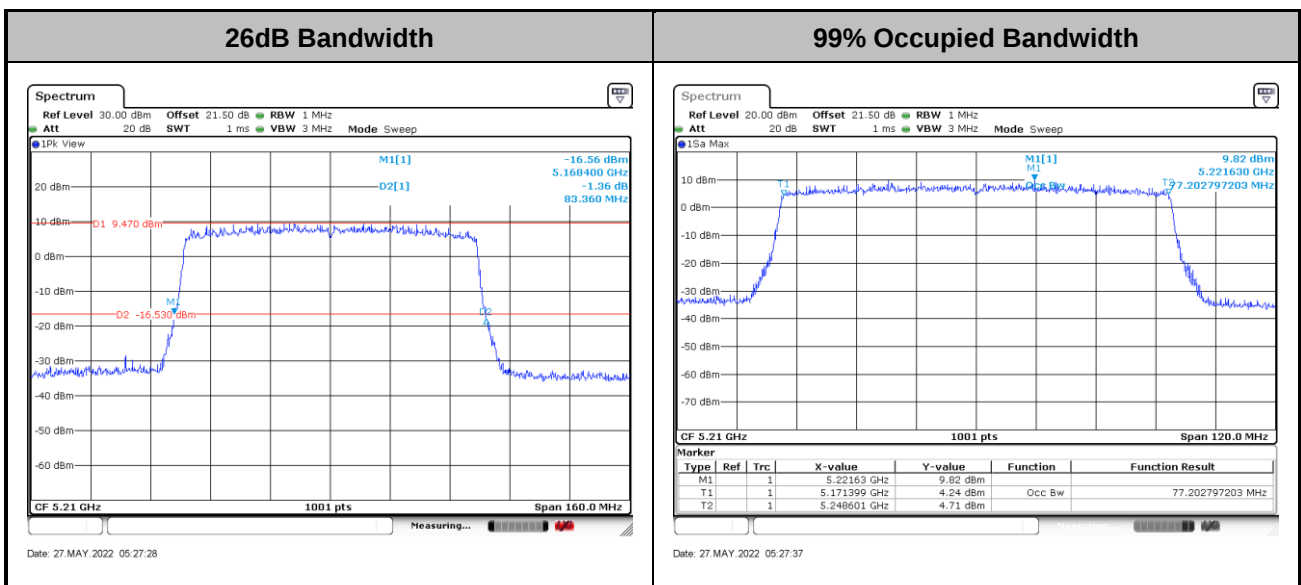


<802.11ax HE40>



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

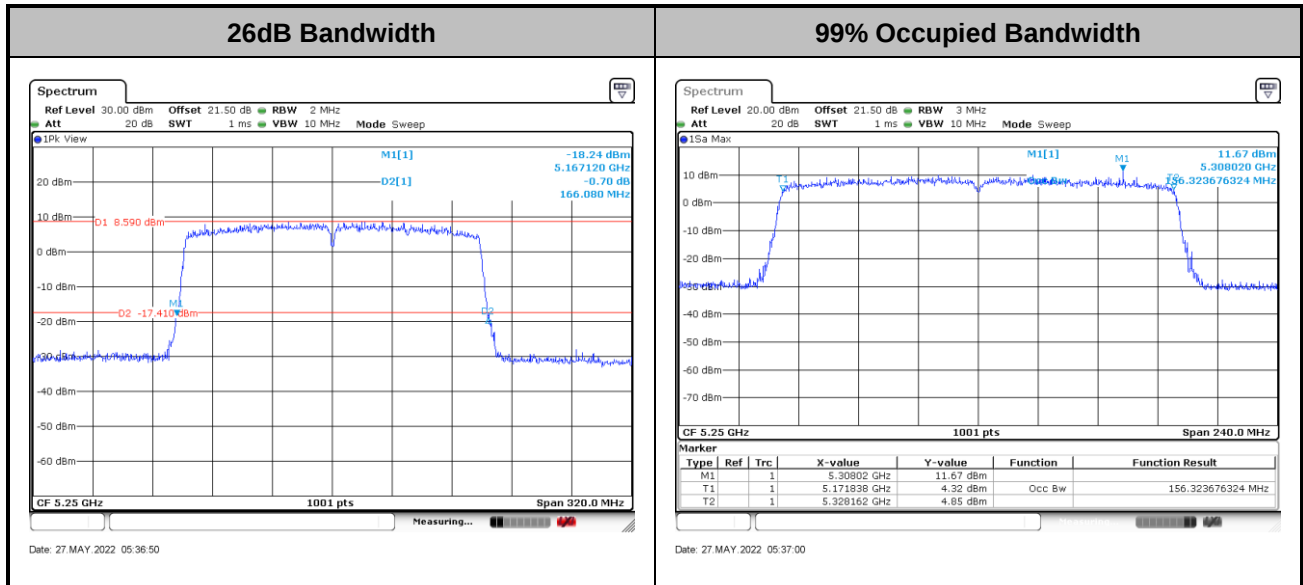
<802.11ax HE80>



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



<802.11ax HE160>



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

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

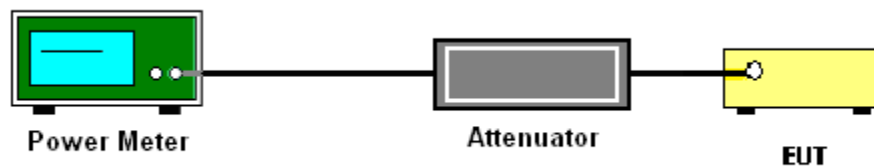
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-3

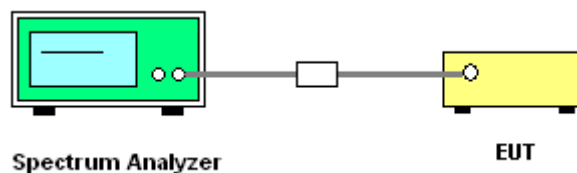
(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

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

3.3.4 Test Setup



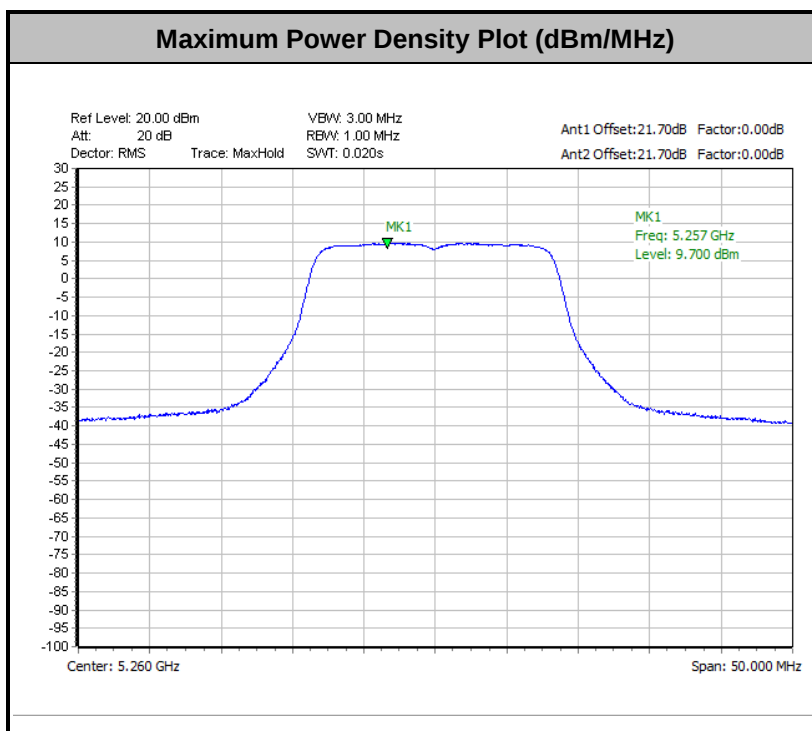
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

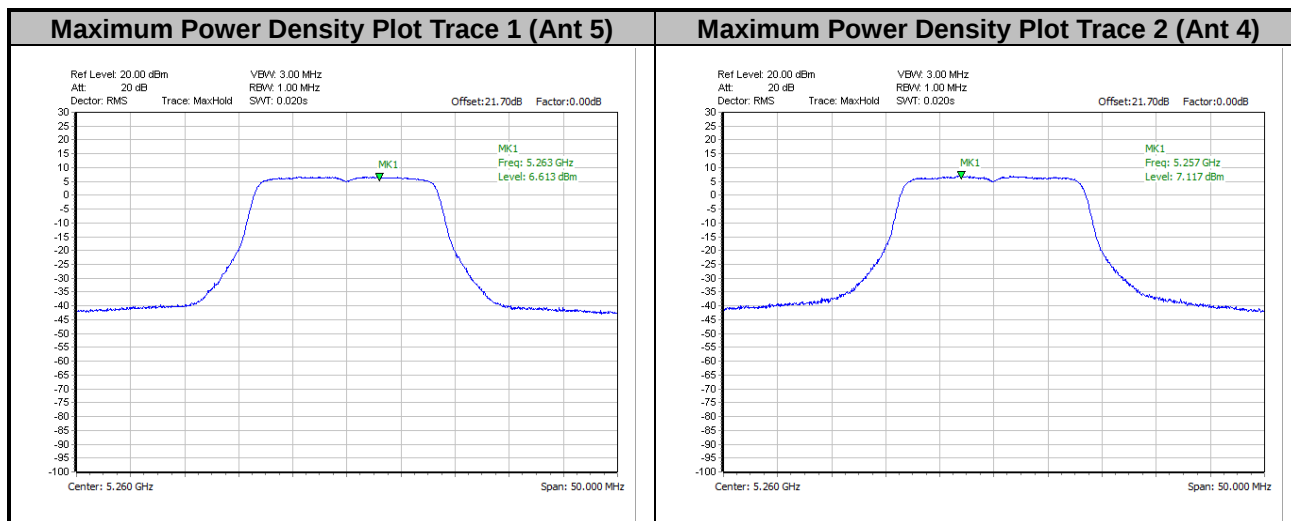


MIMO <Ant. 5+4>

<802.11a>

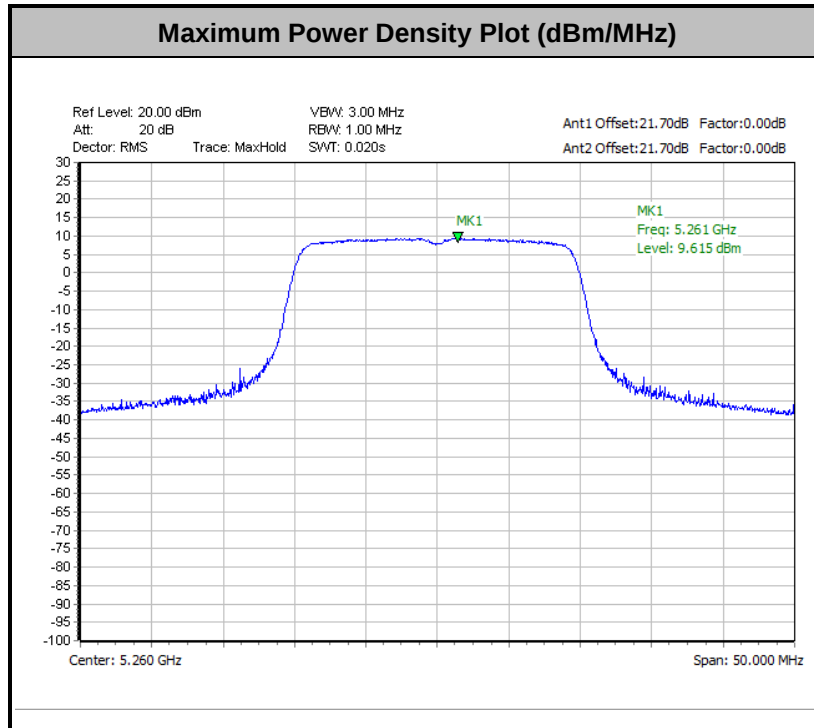


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

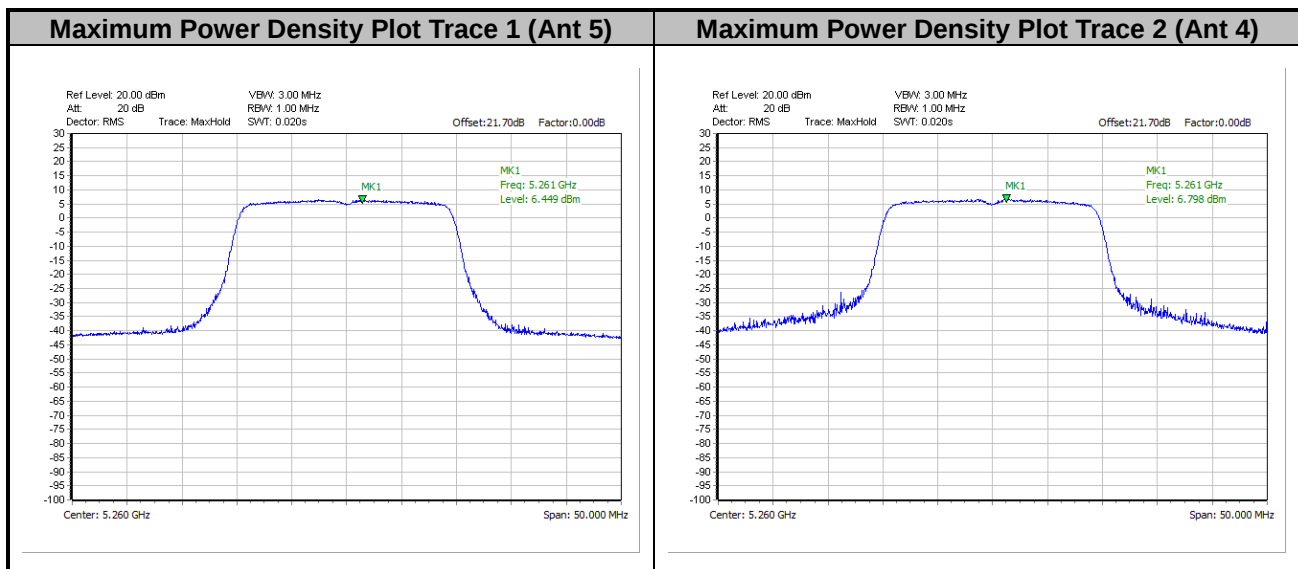




<802.11ax HE20>

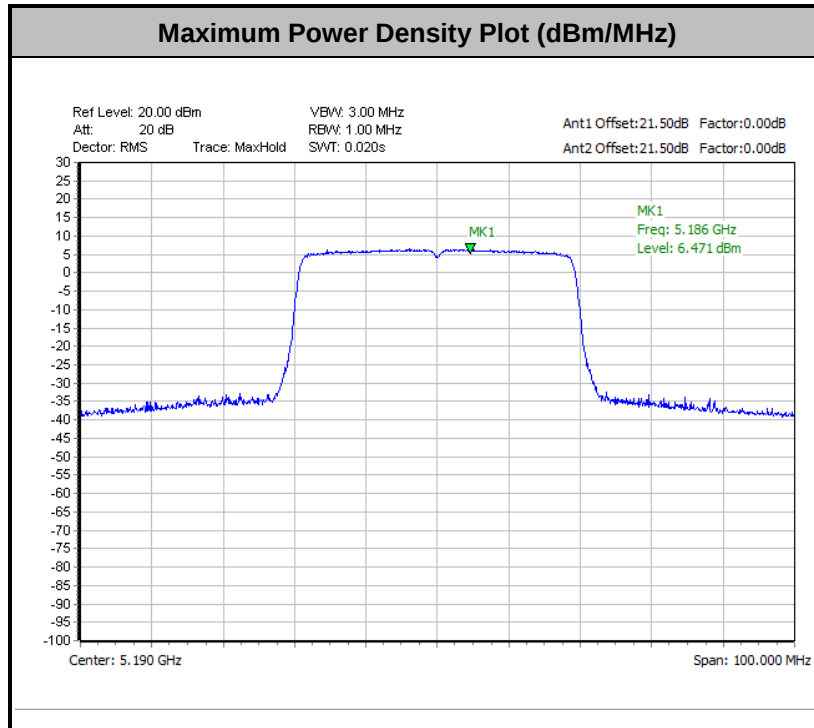


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

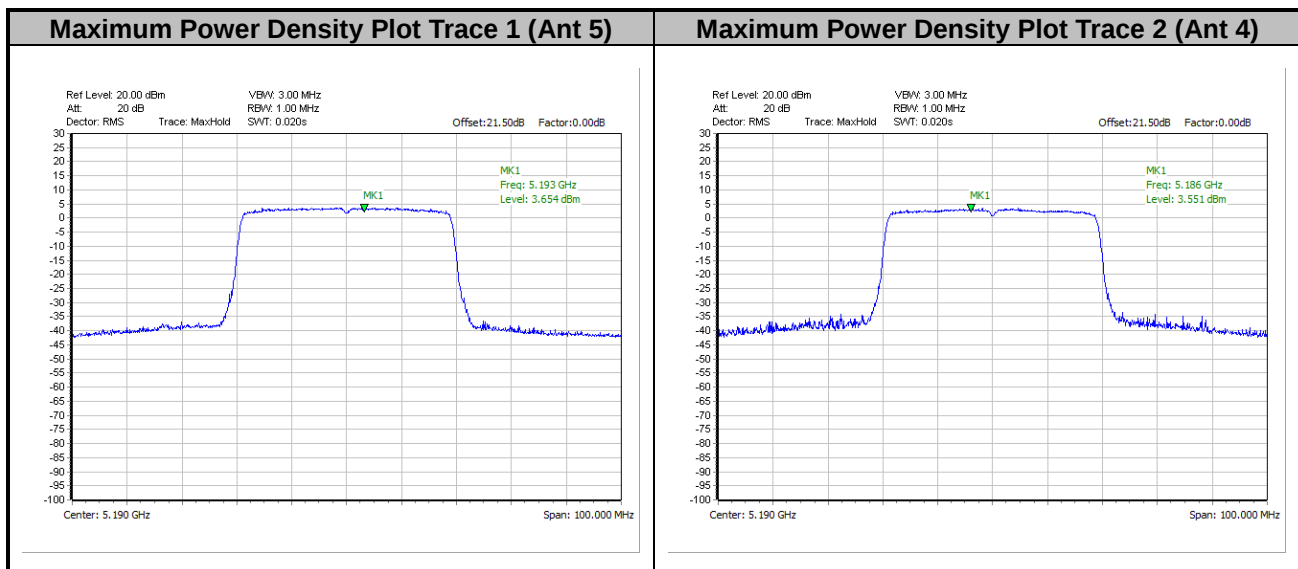




<802.11ax HE40>

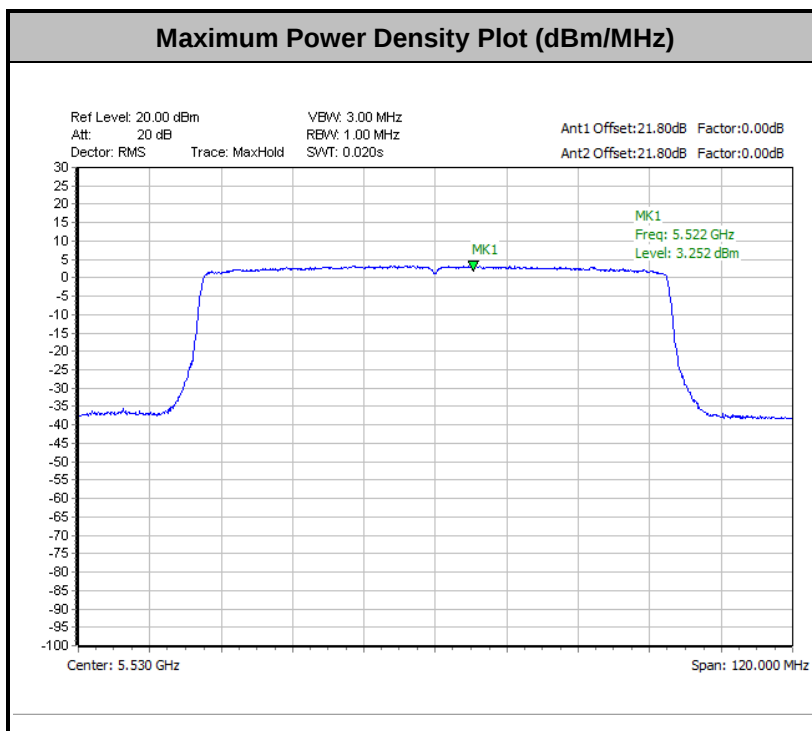


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

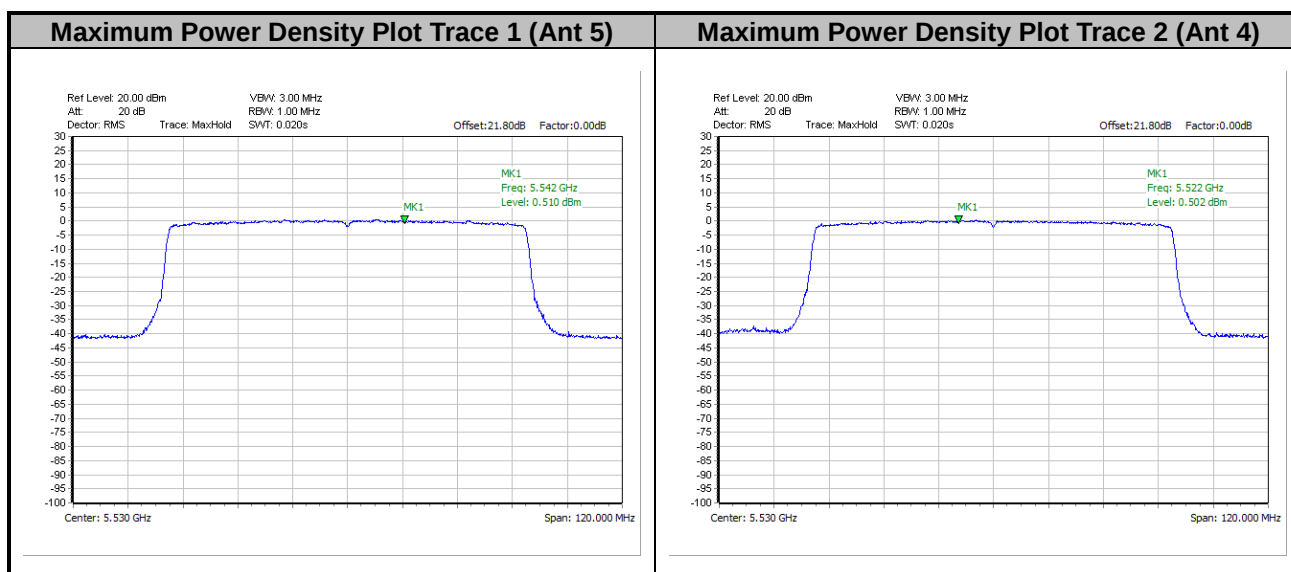




<802.11ax HE80>

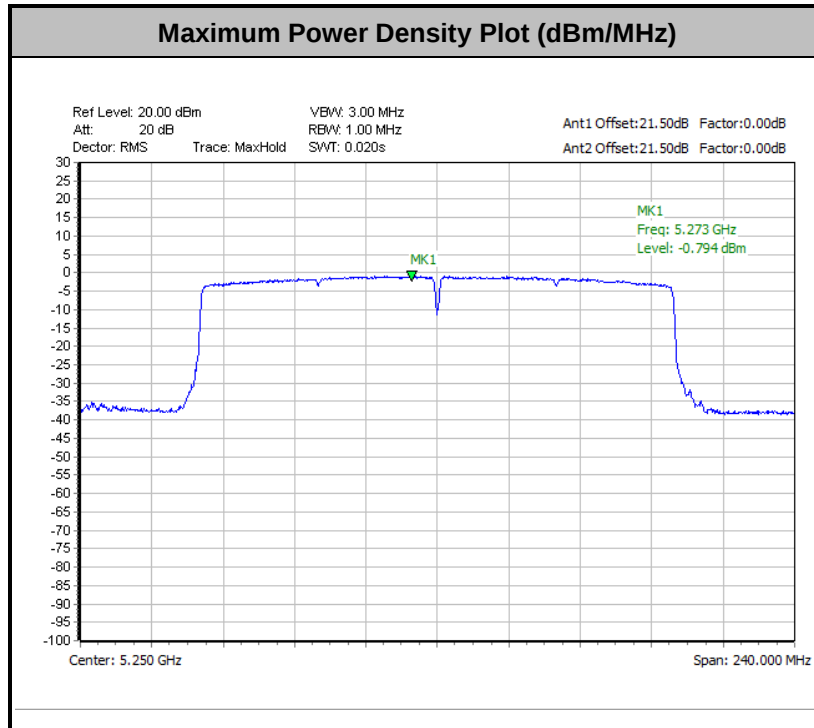


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

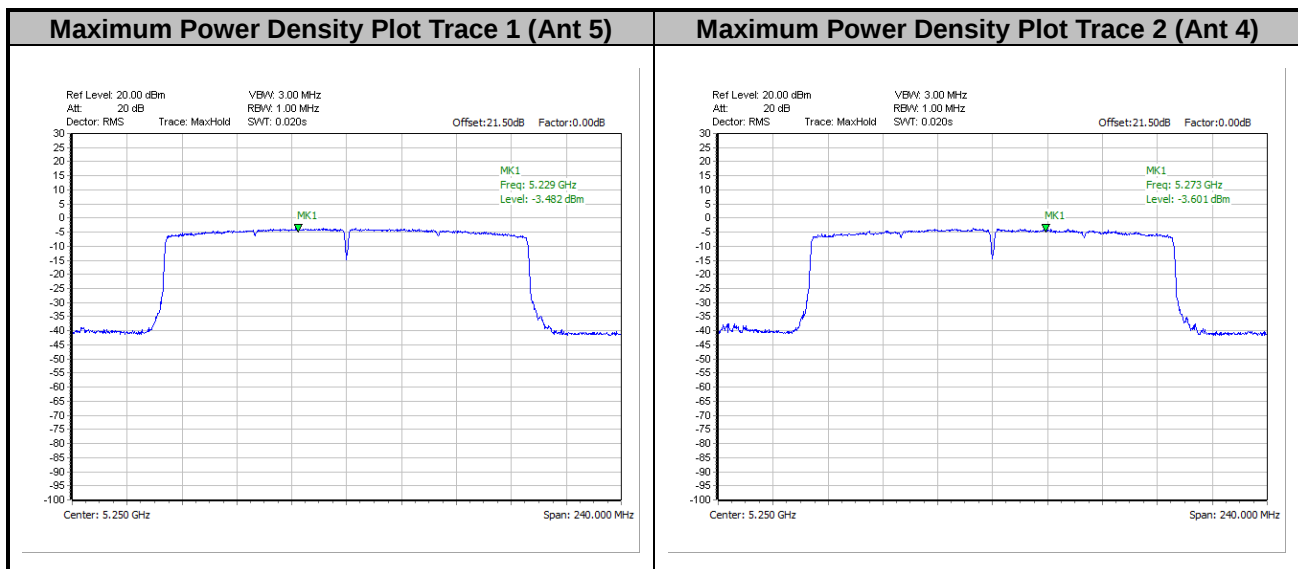




<802.11ax HE160>



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



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

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

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



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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

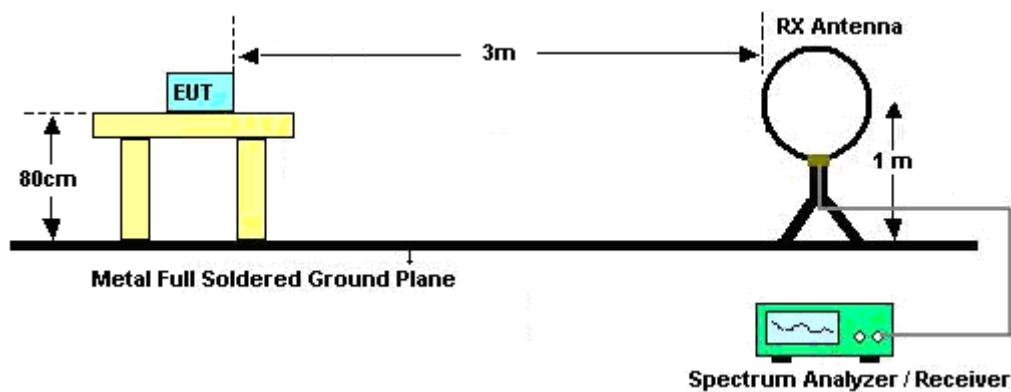
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 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.

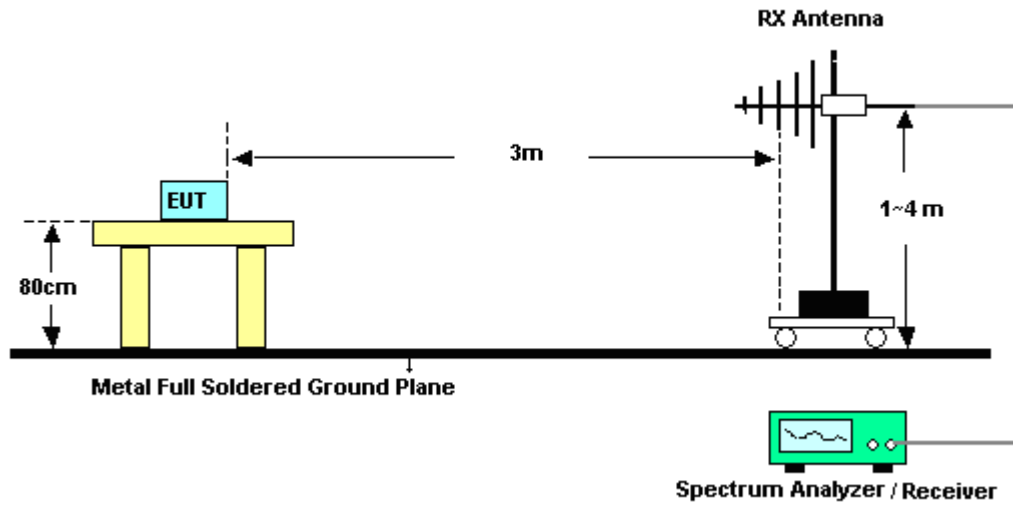
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

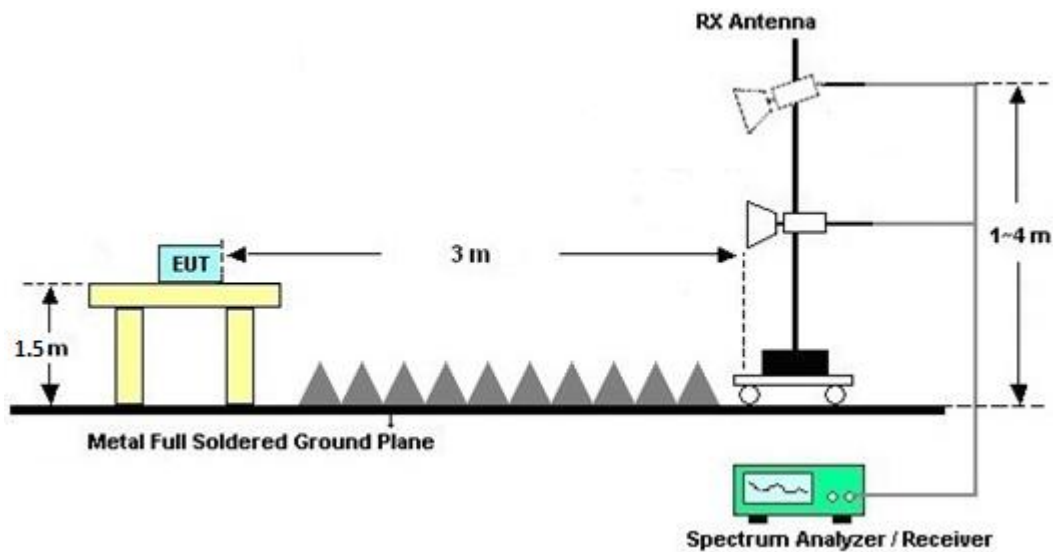
For radiated emissions below 30MHz



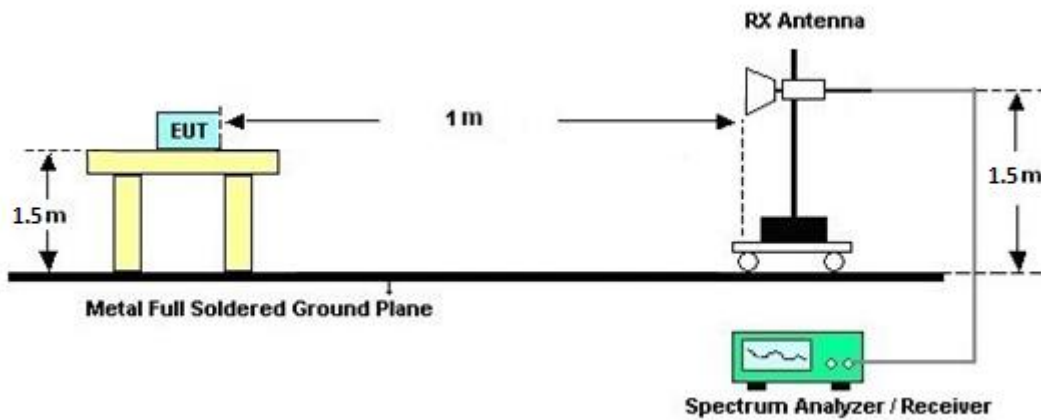
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

Frequency of emission (MHz)	Conducted limit (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.

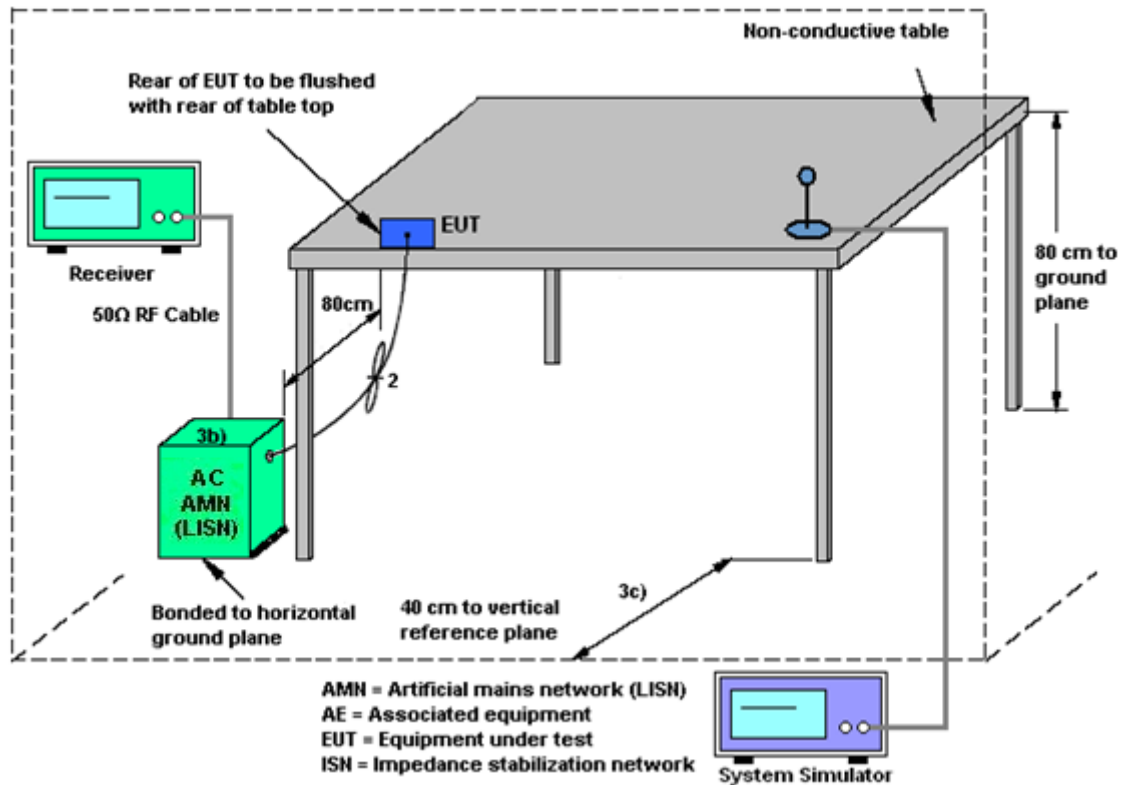
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For power measurements on IEEE 802.11 devices,

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

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

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation follows 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.

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

For example: If a device has two antenna, $G_{ANT1} = 3.6$ dBi; $G_{ANT2} = 4.2$ dBi

Directional gain of power measurement = $\max(3.6, 4.2) + 0 = 4.2$ dBi

Directional gain of PSD measurement = $10 \cdot \log[(10^{3.6/20} + 10^{4.2/20})^2 / 2] = 6.92$ dBi



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

MIMO <Ant. 5+4>

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 5	Ant. 4	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-0.42	-2.55	-0.42	1.59	0.00	0.00
Band II	-0.91	-2.97	-0.91	1.13	0.00	0.00
Band III	1.19	-0.10	1.19	3.58	0.00	0.00

Calculation example:

The DG for PSD is derived from formula is

$$10 \times \log \{ \{ [10^{(-0.42 \text{ dBi} / 20)} + 10^{(-2.55 \text{ dBi} / 20)}] ^ 2 \} / 2 \}$$
$$= 1.59 \text{ dBi}$$



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 16, 2021	Mar. 03, 2022~ Jun. 08, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SN O12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Mar. 03, 2022~ Jun. 08, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Mar. 03, 2022~ Jun. 08, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Mar. 03, 2022~ Jun. 08, 2022	Aug. 11, 2022	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 09, 2021	Apr. 30, 2022~ Jun. 06, 2022	Sep. 08, 2022	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Apr. 30, 2022~ Jun. 06, 2022	Feb. 05, 2023	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2021	Apr. 30, 2022~ Jun. 06, 2022	Dec. 26, 2022	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-0203 8	1GHz~18GHz	Aug. 04, 2021	Apr. 30, 2022~ Jun. 06, 2022	Aug. 03, 2022	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA91702 51	18GHz~40GHz	Nov. 30, 2021	Apr. 30, 2022~ Jun. 06, 2022	Nov. 29, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800 055006	1GHz~18GHz	May 06, 2021	Apr. 30, 2022~ Jun. 06, 2022	May 05, 2022	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800 055006	1GHz~18GHz	May 05, 2022	Apr. 30, 2022~ Jun. 06, 2022	May 04, 2023	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz~18GHz	Dec. 16, 2021	Apr. 30, 2022~ Jun. 06, 2022	Dec. 15, 2022	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 22, 2021	Apr. 30, 2022~ Jun. 06, 2022	Jun. 21, 2022	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY5413008 5	20MHz~8.4GHz	Oct. 21, 2021	Apr. 30, 2022~ Jun. 06, 2022	Oct. 20, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY5018013 6	3Hz~44GHz	May 07, 2021	Apr. 30, 2022~ Jun. 06, 2022	May 06, 2022	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010A	MY5420048 5	10Hz~44GHz	Mar. 07, 2022	Apr. 30, 2022~ Jun. 06, 2022	Mar. 06, 2023	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Apr. 30, 2022~ Jun. 06, 2022	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Apr. 30, 2022~ Jun. 06, 2022	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Apr. 30, 2022~ Jun. 06, 2022	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY36980/4, MY9838/4P E,508405/2E	30MHz~18G	Nov. 15, 2021	Apr. 30, 2022~ Jun. 06, 2022	Nov. 14, 2022	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY9838/4P E,508405/2E ,582185/4	30MHz~18G	May 12, 2022	May 12, 2022~ Jun. 06, 2022	May 11, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,80 4012/2	30MHz~40GHz	Jan. 04, 2022	Apr. 30, 2022~ Jun. 06, 2022	Jan. 03, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4P E	9kHz~30MHz	Mar. 10, 2022	Apr. 30, 2022~ Jun. 06, 2022	Mar. 09, 2023	Radiation (03CH15-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	May 11, 2022	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 11, 2022	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 29, 2021	May 11, 2022	Oct. 28, 2022	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 16, 2022	May 11, 2022	Mar. 15, 2023	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 16, 2022	May 11, 2022	Feb. 15, 2023	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Feb. 24, 2022	May 11, 2022	Feb. 23, 2023	Conduction (CO07-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3 dB
--	--------

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

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

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

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

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang and Hank Hsu	Temperature:	21~25	°C
Test Date:	2022/3/4~2022/06/08	Relative Humidity:	51~56	%

MIMO <Ant. 5+4>

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	
11a	6Mbps	2	36	5180	16.43	16.43	19.50	19.45	-		22.16		
11a	6Mbps	2	44	5220	16.43	16.38	19.45	19.60	-		22.14		
11a	6Mbps	2	48	5240	16.43	16.38	19.50	19.45	-		22.14		

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
11a	6Mbps	2	36	5180	18.30	18.00	21.16	24.00		-0.42			Pass
11a	6Mbps	2	44	5220	18.10	17.90	21.01	24.00		-0.42			Pass
11a	6Mbps	2	48	5240	17.80	17.90	20.86	24.00		-0.42			Pass
HT20	MCS0	2	36	5180	17.60	17.30	20.46	24.00		-0.42			Pass
HT20	MCS0	2	44	5220	18.00	17.80	20.91	24.00		-0.42			Pass
HT20	MCS0	2	48	5240	17.20	17.20	20.21	24.00		-0.42			Pass
HT40	MCS0	2	38	5190	17.60	17.20	20.41	24.00		-0.42			Pass
HT40	MCS0	2	46	5230	17.60	17.30	20.46	24.00		-0.42			Pass
VHT20	MCS0	2	36	5180	17.70	17.40	20.56	24.00		-0.42			Pass
VHT20	MCS0	2	44	5220	18.10	17.90	21.01	24.00		-0.42			Pass
VHT20	MCS0	2	48	5240	17.30	17.30	20.31	24.00		-0.42			Pass
VHT40	MCS0	2	38	5190	17.70	17.30	20.51	24.00		-0.42			Pass
VHT40	MCS0	2	46	5230	17.70	17.40	20.56	24.00		-0.42			Pass
VHT80	MCS0	2	42	5210	17.10	16.70	19.91	24.00		-0.42			Pass
VHT160	MCS0	2	50	5250	15.90	15.70	18.81	24.00		-0.42			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4	
11a	6Mbps	2	36	5180			9.61	11.00		1.59		Pass
11a	6Mbps	2	44	5220			9.56	11.00		1.59		Pass
11a	6Mbps	2	48	5240			9.58	11.00		1.59		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	
11a	6Mbps	2	52	5260	16.43	16.38	19.50	19.55	23.14		29.14		23.90		
11a	6Mbps	2	60	5300	16.43	16.38	19.75	19.40	23.14		29.14		23.88		
11a	6Mbps	2	64	5320	16.43	16.38	19.55	19.50	23.14		29.14		23.90		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
11a	6Mbps	2	52	5260	18.30	18.10	21.21	23.90		-0.91		26.99	Pass
11a	6Mbps	2	60	5300	17.80	17.70	20.76	23.88		-0.91		26.99	Pass
11a	6Mbps	2	64	5320	17.60	17.50	20.56	23.90		-0.91		26.99	Pass
HT20	MCS0	2	52	5260	17.30	17.60	20.46	23.98		-0.91		26.99	Pass
HT20	MCS0	2	60	5300	17.60	17.40	20.51	23.98		-0.91		26.99	Pass
HT20	MCS0	2	64	5320	17.10	17.00	20.06	23.98		-0.91		26.99	Pass
HT40	MCS0	2	54	5270	17.50	17.50	20.51	23.98		-0.91		26.99	Pass
HT40	MCS0	2	62	5310	17.30	17.10	20.21	23.98		-0.91		26.99	Pass
VHT20	MCS0	2	52	5260	17.40	17.70	20.56	23.98		-0.91		26.99	Pass
VHT20	MCS0	2	60	5300	17.70	17.50	20.61	23.98		-0.91		26.99	Pass
VHT20	MCS0	2	64	5320	17.20	17.10	20.16	23.98		-0.91		26.99	Pass
VHT40	MCS0	2	54	5270	17.60	17.60	20.61	23.98		-0.91		26.99	Pass
VHT40	MCS0	2	62	5310	17.40	17.20	20.31	23.98		-0.91		26.99	Pass
VHT80	MCS0	2	58	5290	16.90	17.00	19.96	23.98		-0.91		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4	
11a	6Mbps	2	52	5260			9.70	11.00		1.13		Pass
11a	6Mbps	2	60	5300			9.38	11.00		1.13		Pass
11a	6Mbps	2	64	5320			9.38	11.00		1.13		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4
11a	6Mbps	2	100	5500	16.43	16.38	19.60	19.50	23.14		29.14		23.90		----	----
11a	6Mbps	2	116	5580	16.43	16.38	19.70	19.55	23.14		29.14		23.91		----	----
11a	6Mbps	2	140	5700	16.43	16.38	19.85	19.55	23.14		29.14		23.91		----	----

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
11a	6Mbps	2	100	5500	18.00	17.80	20.91	23.90		1.19		26.99	Pass
11a	6Mbps	2	116	5580	17.90	17.60	20.76	23.91		1.19		26.99	Pass
11a	6Mbps	2	140	5700	18.20	17.30	20.78	23.91		1.19		26.99	Pass
HT20	MCS0	2	100	5500	17.60	17.40	20.51	23.98		1.19		26.99	Pass
HT20	MCS0	2	116	5580	17.70	17.60	20.66	23.98		1.19		26.99	Pass
HT20	MCS0	2	140	5700	18.00	17.10	20.58	23.98		1.19		26.99	Pass
HT40	MCS0	2	102	5510	17.40	17.10	20.26	23.98		1.19		26.99	Pass
HT40	MCS0	2	110	5550	17.40	17.00	20.21	23.98		1.19		26.99	Pass
HT40	MCS0	2	134	5670	17.60	17.20	20.41	23.98		1.19		26.99	Pass
VHT20	MCS0	2	100	5500	17.70	17.50	20.61	23.98		1.19		26.99	Pass
VHT20	MCS0	2	116	5580	17.80	17.70	20.76	23.98		1.19		26.99	Pass
VHT20	MCS0	2	140	5700	18.10	17.20	20.68	23.98		1.19		26.99	Pass
VHT40	MCS0	2	102	5510	17.50	17.20	20.36	23.98		1.19		26.99	Pass
VHT40	MCS0	2	110	5550	17.50	17.10	20.31	23.98		1.19		26.99	Pass
VHT40	MCS0	2	134	5670	17.70	17.30	20.51	23.98		1.19		26.99	Pass
VHT80	MCS0	2	106	5530	17.50	17.20	20.36	23.98		1.19		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4	
11a	6Mbps	2	100	5500				11.00		3.58		Pass
11a	6Mbps	2	116	5580				9.54	11.00	3.58		Pass
11a	6Mbps	2	140	5700				9.62	11.00	3.58		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
						Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	
HE20	MCS0	2	36	5180	Full	18.98	18.98	21.45	21.45	-	-	22.78	-	
HE20	MCS0	2	44	5220	Full	18.98	18.93	21.55	21.30	-	-	22.77	-	
HE20	MCS0	2	48	5240	Full	18.98	18.98	21.25	21.40	-	-	22.78	-	
HE40	MCS0	2	38	5190	Full	38.06	38.06	40.14	40.23	-	-	23.01	-	
HE40	MCS0	2	46	5230	Full	37.96	37.96	40.41	40.23	-	-	23.01	-	
HE80	MCS0	2	42	5210	Full	77.20	77.32	83.36	82.72	-	-	23.01	-	
HE160	MCS0	2	50	5250	Full	156.32	156.32	166.08	165.12	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
HE20	MCS0	2	36	5180	Full	17.80	17.50	20.66	24.00		-0.42			Pass
HE20	MCS0	2	36	5180	26/0	8.40	8.00	11.21	24.00		-0.42			Pass
HE20	MCS0	2	36	5180	52/37	11.50	11.10	14.31	24.00		-0.42			Pass
HE20	MCS0	2	36	5180	106/53	14.80	14.10	17.47	24.00		-0.42			Pass
HE20	MCS0	2	36	5180	242/61	17.30	16.60	19.97	24.00		-0.42			Pass
HE20	MCS0	2	44	5220	Full	18.20	18.00	21.11	24.00		-0.42			Pass
HE20	MCS0	2	44	5220	26/4	9.80	9.10	12.47	24.00		-0.42			Pass
HE20	MCS0	2	44	5220	52/39	11.70	11.50	14.61	24.00		-0.42			Pass
HE20	MCS0	2	44	5220	106/53	15.10	14.60	17.87	24.00		-0.42			Pass
HE20	MCS0	2	44	5220	242/61	18.10	17.90	21.01	24.00		-0.42			Pass
HE20	MCS0	2	48	5240	Full	17.40	17.40	20.41	24.00		-0.42			Pass
HE20	MCS0	2	48	5240	26/8	7.90	7.70	10.81	24.00		-0.42			Pass
HE20	MCS0	2	48	5240	52/40	10.80	10.90	13.86	24.00		-0.42			Pass
HE20	MCS0	2	48	5240	106/54	14.20	14.10	17.16	24.00		-0.42			Pass
HE20	MCS0	2	48	5240	242/61	17.40	17.30	20.36	24.00		-0.42			Pass
HE40	MCS0	2	38	5190	Full	17.80	17.40	20.61	24.00		-0.42			Pass
HE40	MCS0	2	38	5190	242/61	14.90	14.30	17.62	24.00		-0.42			Pass
HE40	MCS0	2	38	5190	484/65	15.70	15.10	18.42	24.00		-0.42			Pass
HE40	MCS0	2	46	5230	Full	17.80	17.50	20.66	24.00		-0.42			Pass
HE40	MCS0	2	46	5230	242/62	14.60	14.20	17.41	24.00		-0.42			Pass
HE40	MCS0	2	46	5230	484/65	17.60	17.30	20.46	24.00		-0.42			Pass
HE80	MCS0	2	42	5210	Full	17.20	16.80	20.01	24.00		-0.42			Pass
HE80	MCS0	2	42	5210	484/65	15.00	14.40	17.72	24.00		-0.42			Pass
HE80	MCS0	2	42	5210	966/67	15.70	15.00	18.37	24.00		-0.42			Pass
HE160	MCS0	2	50	5250	Full	16.00	15.80	18.91	24.00		-0.42			Pass
HE160	MCS0	2	50	5250	996/67	13.50	13.30	16.41	24.00		-0.42			Pass
HE160	MCS0	2	50	5250	996/S67	13.00	13.00	16.01	24.00		-0.42			Pass
HE160	MCS0	2	50	5250	1992/68	13.60	13.40	16.51	24.00		-0.42			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
HE20	MCS0	2	36	5180	Full			9.57	11.00	1.59			Pass	
HE20	MCS0	2	36	5180	26/0			9.09	11.00	1.59			Pass	
HE20	MCS0	2	36	5180	52/37			9.29	11.00	1.59			Pass	
HE20	MCS0	2	36	5180	106/53			9.32	11.00	1.59			Pass	
HE20	MCS0	2	36	5180	242/61			8.87	11.00	1.59			Pass	
HE20	MCS0	2	44	5220	Full			9.61	11.00	1.59			Pass	
HE20	MCS0	2	44	5220	26/4			9.28	11.00	1.59			Pass	
HE20	MCS0	2	44	5220	52/39			9.48	11.00	1.59			Pass	
HE20	MCS0	2	44	5220	106/53			9.48	11.00	1.59			Pass	
HE20	MCS0	2	44	5220	242/61			9.40	11.00	1.59			Pass	
HE20	MCS0	2	48	5240	Full			9.50	11.00	1.59			Pass	
HE20	MCS0	2	48	5240	26/8			9.00	11.00	1.59			Pass	
HE20	MCS0	2	48	5240	52/40			9.02	11.00	1.59			Pass	
HE20	MCS0	2	48	5240	106/54			9.20	11.00	1.59			Pass	
HE20	MCS0	2	48	5240	242/61			9.24	11.00	1.59			Pass	
HE40	MCS0	2	38	5190	Full			6.47	11.00	1.59			Pass	
HE40	MCS0	2	38	5190	242/61			6.24	11.00	1.59			Pass	
HE40	MCS0	2	38	5190	484/65			4.26	11.00	1.59			Pass	
HE40	MCS0	2	46	5230	Full			6.44	11.00	1.59			Pass	
HE40	MCS0	2	46	5230	242/62			6.20	11.00	1.59			Pass	
HE40	MCS0	2	46	5230	484/65			6.23	11.00	1.59			Pass	
HE80	MCS0	2	42	5210	Full			3.19	11.00	1.59			Pass	
HE80	MCS0	2	42	5210	484/65			3.05	11.00	1.59			Pass	
HE80	MCS0	2	42	5210	966/67			1.42	11.00	1.59			Pass	
HE160	MCS0	2	50	5250	Full			-0.79	11.00	1.59			Pass	
HE160	MCS0	2	50	5250	996/67			-1.22	11.00	1.59			Pass	
HE160	MCS0	2	50	5250	996/S67			-1.22	11.00	1.59			Pass	
HE160	MCS0	2	50	5250	1992/68			-3.47	11.00	1.59			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	
HE20	MCS0	2	52	5260	Full	18.98	18.93	21.35	21.45	23.77		29.77		23.98		
HE20	MCS0	2	60	5300	Full	18.93	18.93	21.55	21.30	23.77		29.77		23.98		
HE20	MCS0	2	64	5320	Full	18.98	18.93	21.85	21.45	23.77		29.77		23.98		
HE40	MCS0	2	54	5270	Full	37.96	37.96	40.23	40.23	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	37.96	40.14	40.50	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.20	82.56	82.72	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
HE20	MCS0	2	52	5260	Full	17.50	17.80	20.66	23.98		-0.91		26.99	Pass
HE20	MCS0	2	52	5260	26/0	8.30	8.40	11.36	23.98		-0.91		26.99	Pass
HE20	MCS0	2	52	5260	52/37	11.40	11.40	14.41	23.98		-0.91		26.99	Pass
HE20	MCS0	2	52	5260	106/53	14.60	14.50	17.56	23.98		-0.91		26.99	Pass
HE20	MCS0	2	52	5260	242/61	17.50	17.70	20.61	23.98		-0.91		26.99	Pass
HE20	MCS0	2	60	5300	Full	17.80	17.60	20.71	23.98		-0.91		26.99	Pass
HE20	MCS0	2	60	5300	26/4	9.40	9.20	12.31	23.98		-0.91		26.99	Pass
HE20	MCS0	2	60	5300	52/39	11.10	11.10	14.11	23.98		-0.91		26.99	Pass
HE20	MCS0	2	60	5300	106/54	14.50	14.40	17.46	23.98		-0.91		26.99	Pass
HE20	MCS0	2	60	5300	242/61	17.70	17.50	20.61	23.98		-0.91		26.99	Pass
HE20	MCS0	2	64	5320	Full	17.30	17.20	20.26	23.98		-0.91		26.99	Pass
HE20	MCS0	2	64	5320	26/8	8.30	8.10	11.21	23.98		-0.91		26.99	Pass
HE20	MCS0	2	64	5320	52/40	10.80	10.70	13.76	23.98		-0.91		26.99	Pass
HE20	MCS0	2	64	5320	106/54	14.20	14.20	17.21	23.98		-0.91		26.99	Pass
HE20	MCS0	2	64	5320	242/61	17.20	17.10	20.16	23.98		-0.91		26.99	Pass
HE40	MCS0	2	54	5270	Full	17.70	17.70	20.71	23.98		-0.91		26.99	Pass
HE40	MCS0	2	54	5270	242/61	14.80	14.50	17.66	23.98		-0.91		26.99	Pass
HE40	MCS0	2	54	5270	484/65	17.50	17.60	20.56	23.98		-0.91		26.99	Pass
HE40	MCS0	2	62	5310	Full	17.50	17.30	20.41	23.98		-0.91		26.99	Pass
HE40	MCS0	2	62	5310	242/62	14.20	14.10	17.16	23.98		-0.91		26.99	Pass
HE40	MCS0	2	62	5310	484/65	15.70	15.40	18.56	23.98		-0.91		26.99	Pass
HE80	MCS0	2	58	5290	Full	17.00	17.10	20.06	23.98		-0.91		26.99	Pass
HE80	MCS0	2	58	5290	484/66	14.60	14.30	17.46	23.98		-0.91		26.99	Pass
HE80	MCS0	2	58	5290	966/67	15.40	15.30	18.36	23.98		-0.91		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4	
HE20	MCS0	2	52	5260	Full			9.62	11.00	1.13			Pass
HE20	MCS0	2	52	5260	26/0			9.51	11.00	1.13			Pass
HE20	MCS0	2	52	5260	52/37			9.55	11.00	1.13			Pass
HE20	MCS0	2	52	5260	106/53			9.42	11.00	1.13			Pass
HE20	MCS0	2	52	5260	242/61			9.46	11.00	1.13			Pass
HE20	MCS0	2	60	5300	Full			9.45	11.00	1.13			Pass
HE20	MCS0	2	60	5300	26/4			9.18	11.00	1.13			Pass
HE20	MCS0	2	60	5300	52/39			9.01	11.00	1.13			Pass
HE20	MCS0	2	60	5300	106/54			9.12	11.00	1.13			Pass
HE20	MCS0	2	60	5300	242/61			9.18	11.00	1.13			Pass
HE20	MCS0	2	64	5320	Full			9.27	11.00	1.13			Pass
HE20	MCS0	2	64	5320	26/8			9.23	11.00	1.13			Pass
HE20	MCS0	2	64	5320	52/40			8.87	11.00	1.13			Pass
HE20	MCS0	2	64	5320	106/54			9.06	11.00	1.13			Pass
HE20	MCS0	2	64	5320	242/61			8.89	11.00	1.13			Pass
HE40	MCS0	2	54	5270	Full			6.47	11.00	1.13			Pass
HE40	MCS0	2	54	5270	242/61			6.10	11.00	1.13			Pass
HE40	MCS0	2	54	5270	484/65			6.33	11.00	1.13			Pass
HE40	MCS0	2	62	5310	Full			6.18	11.00	1.13			Pass
HE40	MCS0	2	62	5310	242/62			5.88	11.00	1.13			Pass
HE40	MCS0	2	62	5310	484/65			4.47	11.00	1.13			Pass
HE80	MCS0	2	58	5290	Full			3.13	11.00	1.13			Pass
HE80	MCS0	2	58	5290	484/66			3.02	11.00	1.13			Pass
HE80	MCS0	2	58	5290	966/67			1.37	11.00	1.13			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4	Ant 5	Ant 4
HE20	MCS0	2	100	5500	Full	18.93	18.98	21.25	21.35	23.77		29.77		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.93	18.98	21.50	21.30	23.77		29.77		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.93	18.93	21.45	21.25	23.77		29.77		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.96	37.96	40.32	40.32	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.96	37.86	40.14	40.23	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.96	37.86	40.41	40.68	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.44	77.20	82.56	82.72	23.98		30.00		23.98		----	----

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
HE20	MCS0	2	100	5500	Full	17.80	17.60	20.71	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	26/0	8.60	8.40	11.51	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	52/37	11.70	11.40	14.56	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	106/53	14.70	14.50	17.61	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	242/61	17.70	17.50	20.61	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	Full	17.90	17.80	20.86	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	26/4	9.00	9.10	12.06	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	52/38	11.40	11.00	14.21	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	106/53	14.90	14.60	17.76	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	242/61	17.80	17.70	20.76	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	Full	18.20	17.30	20.78	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	26/8	8.90	8.30	11.62	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	52/40	12.00	11.50	14.77	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	106/54	15.20	14.40	17.83	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	242/61	15.80	15.00	18.43	23.98		1.19		26.99	Pass
HE40	MCS0	2	102	5510	Full	17.60	17.30	20.46	23.98		1.19		26.99	Pass
HE40	MCS0	2	102	5510	242/61	14.80	14.40	17.61	23.98		1.19		26.99	Pass
HE40	MCS0	2	102	5510	484/65	14.60	14.00	17.32	23.98		1.19		26.99	Pass
HE40	MCS0	2	110	5550	Full	17.60	17.20	20.41	23.98		1.19		26.99	Pass
HE40	MCS0	2	110	5550	242/61	14.50	14.40	17.46	23.98		1.19		26.99	Pass
HE40	MCS0	2	110	5550	484/65	17.30	16.90	20.11	23.98		1.19		26.99	Pass
HE40	MCS0	2	134	5670	Full	17.80	17.40	20.61	23.98		1.19		26.99	Pass
HE40	MCS0	2	134	5670	242/62	14.90	14.30	17.62	23.98		1.19		26.99	Pass
HE40	MCS0	2	134	5670	484/65	17.30	17.00	20.16	23.98		1.19		26.99	Pass
HE80	MCS0	2	106	5530	Full	17.60	17.30	20.46	23.98		1.19		26.99	Pass
HE80	MCS0	2	106	5530	484/65	14.50	14.30	17.41	23.98		1.19		26.99	Pass
HE80	MCS0	2	106	5530	966/67	14.40	13.90	17.17	23.98		1.19		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 5	Ant 4	SUM	Ant 5	Ant 4	Ant 5	Ant 4		
HE20	MCS0	2	100	5500	Full		9.44	11.00	3.58		Pass			
HE20	MCS0	2	100	5500	26/0		9.25	11.00	3.58		Pass			
HE20	MCS0	2	100	5500	52/37		9.41	11.00	3.58		Pass			
HE20	MCS0	2	100	5500	106/53		9.28	11.00	3.58		Pass			
HE20	MCS0	2	100	5500	242/61		9.23	11.00	3.58		Pass			
HE20	MCS0	2	116	5580	Full		9.49	11.00	3.58		Pass			
HE20	MCS0	2	116	5580	26/4		9.03	11.00	3.58		Pass			
HE20	MCS0	2	116	5580	52/38		9.19	11.00	3.58		Pass			
HE20	MCS0	2	116	5580	106/53		9.41	11.00	3.58		Pass			
HE20	MCS0	2	116	5580	242/61		9.31	11.00	3.58		Pass			
HE20	MCS0	2	140	5700	Full		9.45	11.00	3.58		Pass			
HE20	MCS0	2	140	5700	26/8		9.02	11.00	3.58		Pass			
HE20	MCS0	2	140	5700	52/40		9.43	11.00	3.58		Pass			
HE20	MCS0	2	140	5700	106/54		9.32	11.00	3.58		Pass			
HE20	MCS0	2	140	5700	242/61		7.15	11.00	3.58		Pass			
HE40	MCS0	2	102	5510	Full		6.25	11.00	3.58		Pass			
HE40	MCS0	2	102	5510	242/61		5.96	11.00	3.58		Pass			
HE40	MCS0	2	102	5510	484/65		3.25	11.00	3.58		Pass			
HE40	MCS0	2	110	5550	Full		6.27	11.00	3.58		Pass			
HE40	MCS0	2	110	5550	242/61		5.91	11.00	3.58		Pass			
HE40	MCS0	2	110	5550	484/65		5.69	11.00	3.58		Pass			
HE40	MCS0	2	134	5670	Full		6.23	11.00	3.58		Pass			
HE40	MCS0	2	134	5670	242/62		6.01	11.00	3.58		Pass			
HE40	MCS0	2	134	5670	484/65		5.82	11.00	3.58		Pass			
HE80	MCS0	2	106	5530	Full	3.25	11.00	3.58	Pass					
HE80	MCS0	2	106	5530	484/65	3.13	11.00	3.58	Pass					
HE80	MCS0	2	106	5530	966/67	0.17	11.00	3.58	Pass					

MIMO <Ant.5+6>

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 5	Ant 6	SUM	Ant 5	Ant 6	Ant 5	Ant 6		
11a	6Mbps	2	36	5180	18.30	16.30	20.42	24.00		1.54			Pass
11a	6Mbps	2	44	5220	18.40	16.30	20.49	24.00		1.54			Pass
11a	6Mbps	2	48	5240	17.90	16.50	20.27	24.00		1.54			Pass
HT20	MCS0	2	36	5180	17.60	15.90	19.84	24.00		1.54			Pass
HT20	MCS0	2	44	5220	18.00	16.00	20.12	24.00		1.54			Pass
HT20	MCS0	2	48	5240	17.20	15.60	19.48	24.00		1.54			Pass
HT40	MCS0	2	38	5190	17.60	15.80	19.80	24.00		1.54			Pass
HT40	MCS0	2	46	5230	17.60	15.60	19.72	24.00		1.54			Pass
VHT20	MCS0	2	36	5180	17.70	15.90	19.90	24.00		1.54			Pass
VHT20	MCS0	2	44	5220	18.10	16.00	20.19	24.00		1.54			Pass
VHT20	MCS0	2	48	5240	17.30	15.60	19.54	24.00		1.54			Pass
VHT40	MCS0	2	38	5190	17.70	15.80	19.86	24.00		1.54			Pass
VHT40	MCS0	2	46	5230	17.70	15.60	19.79	24.00		1.54			Pass
VHT80	MCS0	2	42	5210	17.10	15.10	19.22	24.00		1.54			Pass
VHT160	MCS0	2	50	5250	15.90	14.00	18.06	24.00		1.54			Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 5	Ant 6	SUM	Ant 5	Ant 6	Ant 5	Ant 6		
11a	6Mbps	2	52	5260	18.40	16.50	20.56	23.98		1.34		26.99	Pass
11a	6Mbps	2	60	5300	18.00	15.90	20.09	23.98		1.34		26.99	Pass
11a	6Mbps	2	64	5320	17.40	15.40	19.52	23.98		1.34		26.99	Pass
HT20	MCS0	2	52	5260	17.30	16.00	19.71	23.98		1.34		26.99	Pass
HT20	MCS0	2	60	5300	17.60	15.70	19.76	23.98		1.34		26.99	Pass
HT20	MCS0	2	64	5320	17.10	15.20	19.26	23.98		1.34		26.99	Pass
HT40	MCS0	2	54	5270	17.50	15.90	19.78	23.98		1.34		26.99	Pass
HT40	MCS0	2	62	5310	17.30	15.80	19.62	23.98		1.34		26.99	Pass
VHT20	MCS0	2	52	5260	17.40	16.00	19.77	23.98		1.34		26.99	Pass
VHT20	MCS0	2	60	5300	17.70	15.70	19.82	23.98		1.34		26.99	Pass
VHT20	MCS0	2	64	5320	17.20	15.20	19.32	23.98		1.34		26.99	Pass
VHT40	MCS0	2	54	5270	17.60	15.90	19.84	23.98		1.34		26.99	Pass
VHT40	MCS0	2	62	5310	17.40	15.80	19.68	23.98		1.34		26.99	Pass
VHT80	MCS0	2	58	5290	16.90	15.20	19.14	23.98		1.34		26.99	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 5	Ant 6	SUM	Ant 5	Ant 6	Ant 5	Ant 6		
11a	6Mbps	2	100	5500	17.90	16.20	20.14	23.98		1.19		26.99	Pass
11a	6Mbps	2	116	5580	17.90	16.30	20.18	23.98		1.19		26.99	Pass
11a	6Mbps	2	140	5700	18.30	16.00	20.31	23.98		1.19		26.99	Pass
HT20	MCS0	2	100	5500	17.60	16.20	19.97	23.98		1.19		26.99	Pass
HT20	MCS0	2	116	5580	17.70	16.50	20.15	23.98		1.19		26.99	Pass
HT20	MCS0	2	140	5700	18.00	16.00	20.12	23.98		1.19		26.99	Pass
HT40	MCS0	2	102	5510	17.40	15.80	19.68	23.98		1.19		26.99	Pass
HT40	MCS0	2	110	5550	17.40	15.80	19.68	23.98		1.19		26.99	Pass
HT40	MCS0	2	134	5670	17.60	16.00	19.88	23.98		1.19		26.99	Pass
VHT20	MCS0	2	100	5500	17.70	16.20	20.02	23.98		1.19		26.99	Pass
VHT20	MCS0	2	116	5580	17.80	16.50	20.21	23.98		1.19		26.99	Pass
VHT20	MCS0	2	140	5700	18.10	16.00	20.19	23.98		1.19		26.99	Pass
VHT40	MCS0	2	102	5510	17.50	15.80	19.74	23.98		1.19		26.99	Pass
VHT40	MCS0	2	110	5550	17.50	15.80	19.74	23.98		1.19		26.99	Pass
VHT40	MCS0	2	134	5670	17.70	16.00	19.94	23.98		1.19		26.99	Pass
VHT80	MCS0	2	106	5530	17.50	15.90	19.78	23.98		1.19		26.99	Pass

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 5	Ant 6	SUM	Ant 5	Ant 6	Ant 5	Ant 6		
HE20	MCS0	2	36	5180	Full	17.80	16.00	20.00	24.00		1.54			Pass
HE20	MCS0	2	36	5180	26/0	8.40	6.10	10.41	24.00		1.54			Pass
HE20	MCS0	2	36	5180	52/37	11.50	9.20	13.51	24.00		1.54			Pass
HE20	MCS0	2	36	5180	106/53	14.80	12.20	16.70	24.00		1.54			Pass
HE20	MCS0	2	36	5180	242/61	17.30	15.50	19.50	24.00		1.54			Pass
HE20	MCS0	2	44	5220	Full	18.20	16.10	20.29	24.00		1.54			Pass
HE20	MCS0	2	44	5220	26/4	9.80	7.60	11.85	24.00		1.54			Pass
HE20	MCS0	2	44	5220	52/39	11.70	9.60	13.79	24.00		1.54			Pass
HE20	MCS0	2	44	5220	106/53	15.10	12.30	16.93	24.00		1.54			Pass
HE20	MCS0	2	44	5220	242/61	18.10	15.80	20.11	24.00		1.54			Pass
HE20	MCS0	2	48	5240	Full	17.40	15.70	19.64	24.00		1.54			Pass
HE20	MCS0	2	48	5240	26/8	7.90	6.30	10.18	24.00		1.54			Pass
HE20	MCS0	2	48	5240	52/40	10.80	9.40	13.17	24.00		1.54			Pass
HE20	MCS0	2	48	5240	106/54	14.20	12.50	16.44	24.00		1.54			Pass
HE20	MCS0	2	48	5240	242/61	17.40	15.60	19.60	24.00		1.54			Pass
HE40	MCS0	2	38	5190	Full	17.80	15.90	19.96	24.00		1.54			Pass
HE40	MCS0	2	38	5190	242/61	14.90	11.90	16.66	24.00		1.54			Pass
HE40	MCS0	2	38	5190	484/65	15.70	14.10	17.98	24.00		1.54			Pass
HE40	MCS0	2	46	5230	Full	17.80	15.70	19.89	24.00		1.54			Pass
HE40	MCS0	2	46	5230	242/62	14.60	12.20	16.57	24.00		1.54			Pass
HE40	MCS0	2	46	5230	484/65	17.60	15.20	19.57	24.00		1.54			Pass
HE80	MCS0	2	42	5210	Full	17.20	15.20	19.32	24.00		1.54			Pass
HE80	MCS0	2	42	5210	484/65	15.00	12.20	16.83	24.00		1.54			Pass
HE80	MCS0	2	42	5210	996/67	15.70	13.40	17.71	24.00		1.54			Pass
HE160	MCS0	2	50	5250	Full	16.00	14.10	18.16	24.00		1.54			Pass
HE160	MCS0	2	50	5250	996/67	13.50	11.30	15.55	24.00		1.54			Pass

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 5	Ant 6	SUM	Ant 5	Ant 6	Ant 5	Ant 6		
HE20	MCS0	2	52	5260	Full	17.50	16.10	19.87	23.98		1.34		26.99	Pass
HE20	MCS0	2	52	5260	26/0	8.30	6.00	10.31	23.98		1.34		26.99	Pass
HE20	MCS0	2	52	5260	52/37	11.40	9.00	13.37	23.98		1.34		26.99	Pass
HE20	MCS0	2	52	5260	106/53	14.60	12.00	16.50	23.98		1.34		26.99	Pass
HE20	MCS0	2	52	5260	242/61	17.50	15.80	19.74	23.98		1.34		26.99	Pass
HE20	MCS0	2	60	5300	Full	17.80	15.80	19.92	23.98		1.34		26.99	Pass
HE20	MCS0	2	60	5300	26/4	9.40	7.30	11.49	23.98		1.34		26.99	Pass
HE20	MCS0	2	60	5300	52/39	11.10	9.00	13.19	23.98		1.34		26.99	Pass
HE20	MCS0	2	60	5300	106/54	14.50	12.10	16.47	23.98		1.34		26.99	Pass
HE20	MCS0	2	60	5300	242/61	17.70	15.60	19.79	23.98		1.34		26.99	Pass
HE20	MCS0	2	64	5320	Full	17.30	15.30	19.42	23.98		1.34		26.99	Pass
HE20	MCS0	2	64	5320	26/8	8.30	6.50	10.50	23.98		1.34		26.99	Pass
HE20	MCS0	2	64	5320	52/40	10.80	9.10	13.04	23.98		1.34		26.99	Pass
HE20	MCS0	2	64	5320	106/54	14.20	12.20	16.32	23.98		1.34		26.99	Pass
HE20	MCS0	2	64	5320	242/61	17.20	15.20	19.32	23.98		1.34		26.99	Pass
HE40	MCS0	2	54	5270	Full	17.70	16.00	19.94	23.98		1.34		26.99	Pass
HE40	MCS0	2	54	5270	242/61	14.80	11.70	16.53	23.98		1.34		26.99	Pass
HE40	MCS0	2	54	5270	484/65	17.50	15.10	19.47	23.98		1.34		26.99	Pass
HE40	MCS0	2	62	5310	Full	17.50	15.90	19.78	23.98		1.34		26.99	Pass
HE40	MCS0	2	62	5310	242/62	14.20	11.90	16.21	23.98		1.34		26.99	Pass
HE40	MCS0	2	62	5310	484/65	15.70	14.20	18.02	23.98		1.34		26.99	Pass
HE80	MCS0	2	58	5290	Full	17.00	13.30	18.54	23.98		1.34		26.99	Pass
HE80	MCS0	2	58	5290	484/66	14.60	12.30	16.61	23.98		1.34		26.99	Pass
HE80	MCS0	2	58	5290	996/67	15.40	13.40	17.52	23.98		1.34		26.99	Pass
HE160	MCS0	2	50	5250	996/S67	13.00	11.10	15.16	23.98		1.34		26.99	Pass
HE160	MCS0	2	50	5250	1992	13.60	11.60	15.72	23.98		1.34		26.99	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 5	Ant 6	SUM	Ant 5	Ant 6	Ant 5	Ant 6		
HE20	MCS0	2	100	5500	Full	17.80	16.30	20.12	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	26/0	8.60	6.60	10.72	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	52/37	11.70	9.50	13.75	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	106/53	14.70	12.60	16.79	23.98		1.19		26.99	Pass
HE20	MCS0	2	100	5500	242/61	17.70	16.10	19.98	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	Full	17.90	16.60	20.31	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	26/4	9.00	7.60	11.37	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	52/38	11.40	9.40	13.52	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	106/53	14.90	12.60	16.91	23.98		1.19		26.99	Pass
HE20	MCS0	2	116	5580	242/61	17.80	16.50	20.21	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	Full	18.20	16.10	20.29	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	26/8	8.90	6.30	10.80	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	52/40	12.00	9.50	13.94	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	106/54	15.20	12.40	17.03	23.98		1.19		26.99	Pass
HE20	MCS0	2	140	5700	242/61	15.80	13.60	17.85	23.98		1.19		26.99	Pass
HE40	MCS0	2	102	5510	Full	17.60	15.90	19.84	23.98		1.19		26.99	Pass
HE40	MCS0	2	102	5510	242/61	14.80	12.40	16.77	23.98		1.19		26.99	Pass
HE40	MCS0	2	102	5510	484/65	14.60	13.90	17.27	23.98		1.19		26.99	Pass
HE40	MCS0	2	110	5550	Full	17.60	15.90	19.84	23.98		1.19		26.99	Pass
HE40	MCS0	2	110	5550	242/61	14.50	12.40	16.59	23.98		1.19		26.99	Pass
HE40	MCS0	2	110	5550	484/65	17.30	14.90	19.27	23.98		1.19		26.99	Pass
HE40	MCS0	2	134	5670	Full	17.80	16.10	20.04	23.98		1.19		26.99	Pass
HE40	MCS0	2	134	5670	242/62	14.90	12.20	16.77	23.98		1.19		26.99	Pass
HE40	MCS0	2	134	5670	484/65	17.30	15.70	19.58	23.98		1.19		26.99	Pass
HE80	MCS0	2	106	5530	Full	17.60	16.00	19.88	23.98		1.19		26.99	Pass
HE80	MCS0	2	106	5530	484/65	14.50	12.60	16.66	23.98		1.19		26.99	Pass
HE80	MCS0	2	106	5530	996/67	14.40	12.60	16.60	23.98		1.19		26.99	Pass



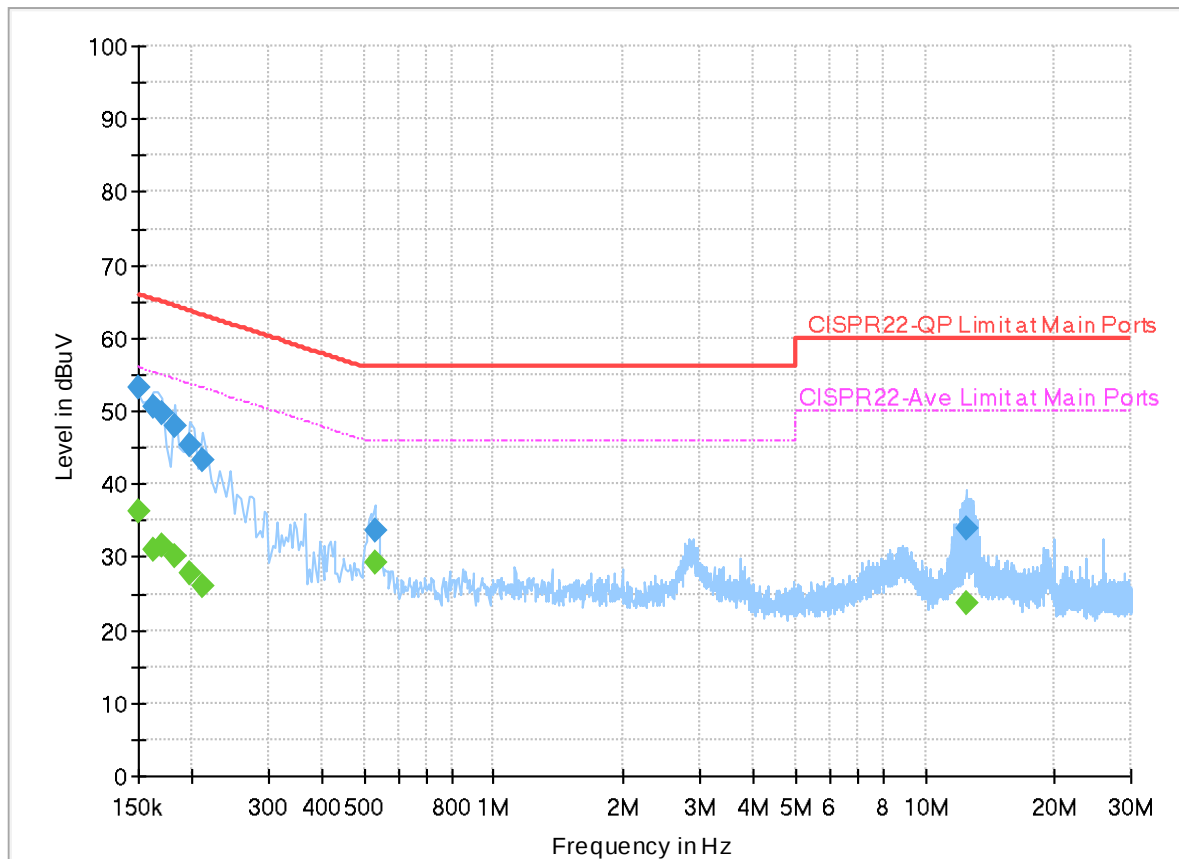
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	23.3~27.8℃
		Relative Humidity :	42.6~48.7%

EUT Information

Report NO : 210404
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



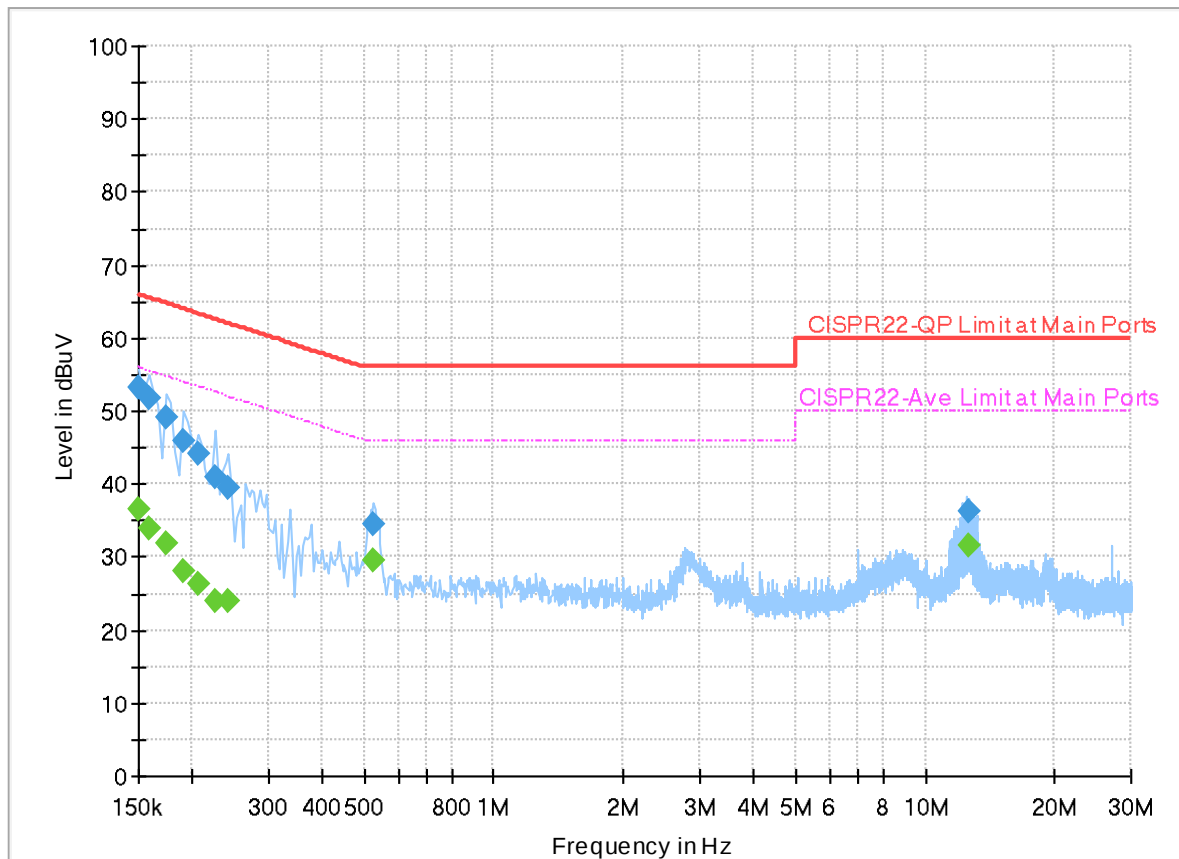
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	36.28	56.00	19.72	L1	OFF	20.0
0.150000	53.13	---	66.00	12.87	L1	OFF	20.0
0.162000	---	30.95	55.36	24.41	L1	OFF	20.0
0.162000	50.57	---	65.36	14.79	L1	OFF	20.0
0.170000	---	31.46	54.96	23.50	L1	OFF	20.0
0.170000	49.80	---	64.96	15.16	L1	OFF	20.0
0.182000	---	29.99	54.39	24.40	L1	OFF	20.0
0.182000	47.95	---	64.39	16.44	L1	OFF	20.0
0.198000	---	27.91	53.69	25.78	L1	OFF	20.0
0.198000	45.37	---	63.69	18.32	L1	OFF	20.0
0.210000	---	25.96	53.21	27.25	L1	OFF	20.0
0.210000	43.39	---	63.21	19.82	L1	OFF	20.0
0.530000	---	29.13	46.00	16.87	L1	OFF	20.0
0.530000	33.64	---	56.00	22.36	L1	OFF	20.0
12.470000	---	23.67	50.00	26.33	L1	OFF	20.2
12.470000	33.78	---	60.00	26.22	L1	OFF	20.2

EUT Information

Report NO : 210404
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	36.46	56.00	19.54	N	OFF	20.0
0.150000	53.19	---	66.00	12.81	N	OFF	20.0
0.158000	---	33.98	55.57	21.59	N	OFF	20.0
0.158000	51.76	---	65.57	13.81	N	OFF	20.0
0.174000	---	31.95	54.77	22.82	N	OFF	20.0
0.174000	49.25	---	64.77	15.52	N	OFF	20.0
0.190000	---	27.97	54.04	26.07	N	OFF	20.0
0.190000	45.94	---	64.04	18.10	N	OFF	20.0
0.206000	---	26.35	53.37	27.02	N	OFF	20.0
0.206000	44.03	---	63.37	19.34	N	OFF	20.0
0.226000	---	23.85	52.60	28.75	N	OFF	20.0
0.226000	40.82	---	62.60	21.78	N	OFF	20.0
0.242000	---	24.03	52.03	28.00	N	OFF	20.0
0.242000	39.47	---	62.03	22.56	N	OFF	20.0
0.526000	---	29.47	46.00	16.53	N	OFF	20.0
0.526000	34.36	---	56.00	21.64	N	OFF	20.0
12.666000	---	31.49	50.00	18.51	N	OFF	20.2
12.666000	36.14	---	60.00	23.86	N	OFF	20.2



Appendix C. Radiated Spurious Emission

Test Engineer :	Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%



MIMO <Ant.5+4>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.76	59.83	-14.17	74	53.82	32.9	10	36.89	250	313	P	H
		5150	44.68	-9.32	54	38.66	32.9	10	36.88	250	313	A	H
	*	5180	109.44	-	-	103.44	32.84	10.03	36.87	250	313	P	H
	*	5180	101.82	-	-	95.82	32.84	10.03	36.87	250	313	A	H
													H
													H
		5149.5	58.91	-15.09	74	52.9	32.9	10	36.89	355	260	P	V
		5149.5	43.61	-10.39	54	37.6	32.9	10	36.89	355	260	A	V
	*	5180	107.22	-	-	101.22	32.84	10.03	36.87	355	260	P	V
	*	5180	99.85	-	-	93.85	32.84	10.03	36.87	355	260	A	V
													V
													V
802.11a CH 44 5220MHz		5074.1	48.99	-25.01	74	43.05	32.94	9.92	36.92	100	219	P	H
		5071.76	38.16	-15.84	54	32.23	32.93	9.92	36.92	100	219	A	H
	*	5220	108.74	-	-	102.67	32.85	10.07	36.85	100	219	P	H
	*	5220	101.5	-	-	95.43	32.85	10.07	36.85	100	219	A	H
		5355	49.12	-24.88	74	43.03	32.7	10.17	36.78	100	219	P	H
		5412.96	37.49	-16.51	54	31.32	32.7	10.22	36.75	100	219	A	H
		5112.32	48.31	-25.69	74	42.2	33.05	9.96	36.9	147	278	P	V
		5065.52	38.12	-15.88	54	32.25	32.89	9.91	36.93	147	278	A	V
	*	5220	108.67	-	-	102.61	32.84	10.07	36.85	147	278	P	V
	*	5220	101.23	-	-	95.17	32.84	10.07	36.85	147	278	A	V
		5432.84	47.98	-26.02	74	41.78	32.7	10.24	36.74	147	278	P	V
		5423.88	37.46	-16.54	54	31.28	32.7	10.23	36.75	147	278	A	V



802.11a CH 48 5240MHz		5092.56	49.32	-24.68	74	43.23	33.06	9.94	36.91	100	217	P	H
		5091.78	38.13	-15.87	54	32.05	33.05	9.94	36.91	100	217	A	H
	*	5240	108.3	-	-	102.18	32.88	10.08	36.84	100	217	P	H
	*	5240	101.03	-	-	94.91	32.88	10.08	36.84	100	217	A	H
		5416.32	49	-25	74	42.83	32.7	10.22	36.75	100	217	P	H
		5360.32	37.58	-16.42	54	31.48	32.7	10.18	36.78	100	217	A	H
		5105.82	48.83	-25.17	74	42.71	33.08	9.95	36.91	123	278	P	V
		5091	38.22	-15.78	54	32.14	33.05	9.94	36.91	123	278	A	V
	*	5240	107.86	-	-	101.74	32.88	10.08	36.84	123	278	P	V
	*	5240	100.58	-	-	94.46	32.88	10.08	36.84	123	278	A	V
		5459.16	48.08	-25.92	74	41.83	32.72	10.26	36.73	123	278	P	V
		5360.32	37.54	-16.46	54	31.44	32.7	10.18	36.78	123	278	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.79	-19.41	68.2	57.8	38.46	13.12	60.59	-	-	P	H
		10795	51.73	-22.27	74	60.24	38.99	13.41	60.91	-	-	P	H
		10795	41.95	-12.05	54	50.46	38.99	13.41	60.91	-	-	A	H
		14491	50.7	-23.3	74	58.82	40.51	14.85	63.48	-	-	P	H
		14491	41.92	-12.08	54	50.04	40.51	14.85	63.48	-	-	A	H
		15540	52.38	-21.62	74	61.15	38.12	15.44	62.33	301	34	P	H
		15540	41.68	-12.32	54	50.45	38.12	15.44	62.33	301	34	A	H
		18000	56.28	-17.72	74	53.3	43.1	17.05	57.17	-	-	P	H
		18000	46.5	-7.5	54	43.52	43.1	17.05	57.17	-	-	A	H
													H
													H
													H
		10360	48.87	-19.33	68.2	57.88	38.46	13.12	60.59	-	-	P	V
		11653	51.81	-22.19	74	60.41	38.55	13.78	60.93	-	-	P	V
		11653	41.83	-12.17	54	50.43	38.55	13.78	60.93	-	-	A	V
		14491	50.49	-23.51	74	58.61	40.51	14.85	63.48	-	-	P	V
		14491	32.29	-21.71	54	40.41	40.51	14.85	63.48	-	-	A	V
		15540	58.21	-15.79	74	66.98	38.12	15.44	62.33	100	193	P	V
		15540	48.07	-5.93	54	56.84	38.12	15.44	62.33	100	193	A	V
		18000	55.78	-18.22	74	52.8	43.1	17.05	57.17	-	-	P	V
		18000	45.71	-8.29	54	42.73	43.1	17.05	57.17	-	-	A	V
													V
													V
													V



WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	48.82	-19.38	68.2	57.85	38.46	13.18	60.67	-	-	P	H
		11444	51.52	-22.48	74	59.67	38.97	13.66	60.78	-	-	P	H
		11444	42.74	-11.26	54	50.89	38.97	13.66	60.78	-	-	A	H
		14491	50.92	-23.08	74	59.04	40.51	14.85	63.48	-	-	P	H
		14491	42.14	-11.86	54	50.26	40.51	14.85	63.48	-	-	A	H
		15660	50.83	-23.17	74	59.22	37.82	15.48	61.69	317	34	P	H
		15660	39.45	-14.55	54	47.84	37.82	15.48	61.69	317	34	A	H
		17989	55.13	-18.87	74	52.27	43	17.04	57.18	-	-	P	H
		17989	45.35	-8.65	54	42.49	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10440	52.84	-15.36	68.2	61.87	38.46	13.18	60.67	-	-	P	V
		10784	51.54	-22.46	74	60.07	38.97	13.41	60.91	-	-	P	V
		10784	41.76	-12.24	54	50.29	38.97	13.41	60.91	-	-	A	V
		14480	50.51	-23.49	74	58.62	40.52	14.84	63.47	-	-	P	V
		14480	41.73	-12.27	54	49.84	40.52	14.84	63.47	-	-	A	V
		15660	56.79	-17.21	74	65.18	37.82	15.48	61.69	100	193	P	V
		15660	44.64	-9.36	54	53.03	37.82	15.48	61.69	100	193	A	V
		17989	55.08	-18.92	74	52.22	43	17.04	57.18	-	-	P	V
		17989	45.3	-8.7	54	42.44	43	17.04	57.18	-	-	A	V
													V
													V
													V



WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	51.41	-16.79	68.2	60.49	38.42	13.21	60.71	-	-	P	H
		10784	51.44	-22.56	74	59.97	38.97	13.41	60.91	-	-	P	H
		10784	41.66	-12.34	54	50.19	38.97	13.41	60.91	-	-	A	H
		14491	50.42	-23.58	74	58.54	40.51	14.85	63.48	-	-	P	H
		14491	41.64	-12.36	54	49.76	40.51	14.85	63.48	-	-	A	H
		15720	53.89	-20.11	74	62.13	37.64	15.49	61.37	320	38	P	H
		15720	41.82	-12.18	54	50.06	37.64	15.49	61.37	320	38	A	H
		17989	56.35	-17.65	74	53.49	43	17.04	57.18	-	-	P	H
		17989	46.58	-7.42	54	43.72	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10480	51.19	-17.01	68.2	60.27	38.42	13.21	60.71	-	-	P	V
		11917	51.18	-22.82	74	59.86	38.6	13.96	61.24	-	-	P	V
		11917	41.4	-12.6	54	50.08	38.6	13.96	61.24	-	-	A	V
		14491	49.64	-24.36	74	57.76	40.51	14.85	63.48	-	-	P	V
		14491	40.86	-13.14	54	48.98	40.51	14.85	63.48	-	-	A	V
		15720	54.96	-19.04	74	63.2	37.64	15.49	61.37	100	193	P	V
		15720	43.73	-10.27	54	51.97	37.64	15.49	61.37	100	193	A	V
		17989	56	-18	74	53.14	43	17.04	57.18	-	-	P	V
		17989	46.22	-7.78	54	43.36	43	17.04	57.18	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5149.76	61.34	-12.66	74	55.33	32.9	10	36.89	250	317	P	H
		5149.76	45.56	-8.44	54	39.55	32.9	10	36.89	250	317	A	H
	*	5180	111.03	-	-	105.03	32.84	10.03	36.87	250	317	P	H
	*	5180	99.71	-	-	93.71	32.84	10.03	36.87	250	317	A	H
													H
													H
		5149.24	61.07	-12.93	74	55.06	32.9	10	36.89	348	281	P	V
		5149.5	44.63	-9.37	54	38.62	32.9	10	36.89	348	281	A	V
	*	5180	110.36	-	-	104.36	32.84	10.03	36.87	348	281	P	V
	*	5180	99.14	-	-	93.14	32.84	10.03	36.87	348	281	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 44 5220MHz		10440	48.86	-19.34	68.2	57.89	38.46	13.18	60.67	-	-	P	H
		10773	51.37	-22.63	74	59.92	38.95	13.4	60.9	-	-	P	H
		10773	41.59	-12.41	54	50.14	38.95	13.4	60.9	-	-	A	H
		14480	50.02	-23.98	74	58.13	40.52	14.84	63.47	-	-	P	H
		14480	41.24	-12.76	54	49.35	40.52	14.84	63.47	-	-	A	H
		15660	49.99	-24.01	74	58.38	37.82	15.48	61.69	-	-	P	H
		17989	55.21	-18.79	74	52.35	43	17.04	57.18	-	-	P	H
		17989	45.43	-8.57	54	42.57	43	17.04	57.18	-	-	A	H
													H
													H
													H
													H
		10440	50.58	-17.62	68.2	59.61	38.46	13.18	60.67	-	-	P	V
		11378	51.16	-22.84	74	59.27	39.06	13.65	60.82	-	-	P	V
		11378	41.38	-12.62	54	49.49	39.06	13.65	60.82	-	-	A	V
		14480	50.16	-23.84	74	58.27	40.52	14.84	63.47	-	-	P	V
		14480	42.38	-11.62	54	50.49	40.52	14.84	63.47	-	-	A	V
		15660	55.85	-18.15	74	64.24	37.82	15.48	61.69	200	51	P	V
		15660	43.53	-10.47	54	51.92	37.82	15.48	61.69	200	51	A	V
		18000	55.19	-18.81	74	52.21	43.1	17.05	57.17	-	-	P	V
		18000	45.41	-8.59	54	42.43	43.1	17.05	57.17	-	-	A	V
													V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line. - The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. - The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5148.46	52.3	-21.7	74	46.91	32.91	9.37	36.89	100	33	P	H
		5149.5	43.15	-10.85	54	37.77	32.9	9.37	36.89	100	33	A	H
	*	5180	114.52	-	-	109.16	32.84	9.39	36.87	100	33	P	H
	*	5180	106.37	-	-	101.01	32.84	9.39	36.87	100	33	A	H
													H
													H
		5147.94	53.47	-20.53	74	48.08	32.91	9.37	36.89	301	257	P	V
		5148.72	41.45	-12.55	54	36.06	32.91	9.37	36.89	301	257	A	V
	*	5180	112.28	-	-	106.92	32.84	9.39	36.87	301	257	P	V
	*	5180	103.14	-	-	97.78	32.84	9.39	36.87	301	257	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 36 5180MHz		5148.46	59.33	-14.67	74	53.94	32.91	9.37	36.89	100	57	P	H
		5150	48.88	-5.12	54	43.49	32.9	9.37	36.88	100	57	A	H
		5180	110.85	-	-	105.49	32.84	9.39	36.87	100	57	P	H
		5180	100.9	-	-	95.54	32.84	9.39	36.87	100	57	A	H
													H
													H
		5148.98	60.05	-13.95	74	54.67	32.9	9.37	36.89	200	286	P	V
		5150	48.47	-5.53	54	43.08	32.9	9.37	36.88	200	286	A	V
		5180	110.31	-	-	104.95	32.84	9.39	36.87	200	286	P	V
		5180	100.64	-	-	95.28	32.84	9.39	36.87	200	286	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5149.5	64.86	-9.14	74	58.85	32.9	10	36.89	250	315	P	H
		5150	50.93	-3.07	54	44.91	32.9	10	36.88	250	315	A	H
	*	5190	109.49	-	-	103.49	32.82	10.04	36.86	250	315	P	H
	*	5190	98.59	-	-	92.59	32.82	10.04	36.86	250	315	A	H
		5430.04	48.86	-25.14	74	42.66	32.7	10.24	36.74	250	315	P	H
		5352.76	37.97	-16.03	54	31.88	32.7	10.17	36.78	250	315	A	H
		5147.94	62.43	-11.57	74	56.41	32.91	10	36.89	344	258	P	V
		5150	49.01	-4.99	54	42.99	32.9	10	36.88	344	258	A	V
	*	5190	106.67	-	-	100.67	32.82	10.04	36.86	344	258	P	V
	*	5190	96.88	-	-	90.88	32.82	10.04	36.86	344	258	A	V
		5409.88	48.14	-25.86	74	41.98	32.7	10.22	36.76	344	258	P	V
		5359.2	37.65	-16.35	54	31.55	32.7	10.18	36.78	344	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 46 5230MHz		10460	49.23	-18.97	68.2	58.28	38.44	13.2	60.69	-	-	P	H
		12346	51.03	-22.97	74	59.71	38.75	14.15	61.58	-	-	P	H
		12346	41.25	-12.75	54	49.93	38.75	14.15	61.58	-	-	A	H
		14480	49.7	-24.3	74	57.81	40.52	14.84	63.47	-	-	P	H
		14480	40.92	-13.08	54	49.03	40.52	14.84	63.47	-	-	A	H
		15690	52.54	-21.46	74	60.86	37.73	15.48	61.53	100	336	P	H
		15690	42.91	-11.09	54	51.23	37.73	15.48	61.53	100	336	A	H
		17989	55.3	-18.7	74	52.44	43	17.04	57.18	-	-	P	H
		17989	45.52	-8.48	54	42.66	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10460	51.28	-16.92	68.2	60.33	38.44	13.2	60.69	-	-	P	V
		10762	52.46	-21.54	74	61.04	38.92	13.39	60.89	-	-	P	V
		10762	42.68	-11.32	54	51.26	38.92	13.39	60.89	-	-	A	V
		14480	51.08	-22.92	74	59.19	40.52	14.84	63.47	-	-	P	V
		14480	42.2	-11.8	54	50.31	40.52	14.84	63.47	-	-	A	V
		15690	54.29	-19.71	74	62.61	37.73	15.48	61.53	200	50	P	V
		15690	44.35	-9.65	54	52.67	37.73	15.48	61.53	200	50	A	V
		18000	55.98	-18.02	74	53	43.1	17.05	57.17	-	-	P	V
		18000	46.2	-7.8	54	43.22	43.1	17.05	57.17	-	-	A	V
													V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line. - The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. - The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5149.76	70.65	-3.35	74	64.64	32.9	10	36.89	309	330	P	H
		5148.2	50.86	-3.14	54	44.84	32.91	10	36.89	309	330	A	H
	*	5190	112.79	-	-	106.79	32.82	10.04	36.86	309	330	P	H
	*	5190	102.87	-	-	96.87	32.82	10.04	36.86	309	330	A	H
		5351.08	48.67	-25.33	74	42.58	32.7	10.17	36.78	309	330	P	H
		5351.36	38.46	-15.54	54	32.37	32.7	10.17	36.78	309	330	A	H
		5145.86	67.34	-6.66	74	61.32	32.92	9.99	36.89	301	266	P	V
		5147.94	50.33	-3.67	54	44.31	32.91	10	36.89	301	266	A	V
	*	5190	110.56	-	-	104.56	32.82	10.04	36.86	301	266	P	V
	*	5190	101.55	-	-	95.55	32.82	10.04	36.86	301	266	A	V
		5366.2	48.78	-25.22	74	42.68	32.7	10.18	36.78	301	266	P	V
		5351.92	38.82	-15.18	54	32.73	32.7	10.17	36.78	301	266	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 38 5190MHz		5146.12	62.16	-11.84	74	56.14	32.92	9.99	36.89	100	52	P	H
		5150	48.78	-5.22	54	42.76	32.9	10	36.88	100	52	A	H
	*	5190	103.91	-	-	97.91	32.82	10.04	36.86	100	52	P	H
	*	5190	95.03	-	-	89.03	32.82	10.04	36.86	100	52	A	H
		5374.32	46.94	-27.06	74	40.82	32.7	10.19	36.77	100	52	P	H
		5354.72	36.98	-17.02	54	30.89	32.7	10.17	36.78	100	52	A	H
		5145.6	63.72	-10.28	74	57.7	32.92	9.99	36.89	200	267	P	V
		5150	50.25	-3.75	54	44.23	32.9	10	36.88	200	267	A	V
	*	5190	104.99	-	-	98.99	32.82	10.04	36.86	200	267	P	V
	*	5190	95.53	-	-	89.53	32.82	10.04	36.86	200	267	A	V
		5429.76	47.57	-26.43	74	41.38	32.7	10.24	36.75	200	267	P	V
		5351.08	37.04	-16.96	54	30.95	32.7	10.17	36.78	200	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5141.96	64.54	-9.46	74	58.51	32.93	9.99	36.89	250	314	P	H
		5150	49.86	-4.14	54	43.84	32.9	10	36.88	250	314	A	H
	*	5210	104.73	-	-	98.7	32.82	10.06	36.85	250	314	P	H
	*	5210	94.99	-	-	88.96	32.82	10.06	36.85	250	314	A	H
		5364.8	51.63	-22.37	74	45.53	32.7	10.18	36.78	250	314	P	H
		5352.48	40.01	-13.99	54	33.92	32.7	10.17	36.78	250	314	A	H
		5148.46	63.18	-10.82	74	57.16	32.91	10	36.89	348	260	P	V
		5148.72	48.18	-5.82	54	42.16	32.91	10	36.89	348	260	A	V
	*	5210	103.5	-	-	97.47	32.82	10.06	36.85	348	260	P	V
	*	5210	93.64	-	-	87.61	32.82	10.06	36.85	348	260	A	V
		5383.28	49.45	-24.55	74	43.32	32.7	10.2	36.77	348	260	P	V
		5350.24	39.1	-14.9	54	33.01	32.7	10.17	36.78	348	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5145.6	56.48	-17.52	74	51.08	32.92	9.37	36.89	100	49	P	H
		5141.44	39.15	-14.85	54	33.75	32.93	9.36	36.89	100	49	A	H
	*	5210	105.59	-	-	100.21	32.82	9.41	36.85	100	49	P	H
	*	5210	95.46	-	-	90.08	32.82	9.41	36.85	100	49	A	H
		5355.28	52.4	-21.6	74	47.08	32.7	9.4	36.78	100	49	P	H
		5352.2	38.52	-15.48	54	33.2	32.7	9.4	36.78	100	49	A	H
		5146.12	53.67	-20.33	74	48.27	32.92	9.37	36.89	300	95	P	V
		5141.44	38.82	-15.18	54	33.42	32.93	9.36	36.89	300	95	A	V
	*	5210	103.3	-	-	97.92	32.82	9.41	36.85	300	95	P	V
	*	5210	93.66	-	-	88.28	32.82	9.41	36.85	300	95	A	V
		5374.04	46.86	-27.14	74	41.53	32.7	9.4	36.77	300	95	P	V
		5350.8	37.62	-16.38	54	32.3	32.7	9.4	36.78	300	95	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 996/67 CH 42 5210MHz		5145.6	59.08	-14.92	74	53.68	32.92	9.37	36.89	100	47	P	H
		5150	43.65	-10.35	54	38.26	32.9	9.37	36.88	100	47	A	H
	*	5210	102.49	-	-	97.11	32.82	9.41	36.85	100	47	P	H
	*	5210	92.97	-	-	87.59	32.82	9.41	36.85	100	47	A	H
		5354.44	52.69	-21.31	74	47.37	32.7	9.4	36.78	100	47	P	H
		5352.2	42.61	-11.39	54	37.29	32.7	9.4	36.78	100	47	A	H
		5149.76	55.98	-18.02	74	50.6	32.9	9.37	36.89	201	81	P	V
		5150	42.53	-11.47	54	37.14	32.9	9.37	36.88	201	81	A	V
	*	5210	99.58	-	-	94.2	32.82	9.41	36.85	201	81	P	V
	*	5210	90.18	-	-	84.8	32.82	9.41	36.85	201	81	A	V
		5351.92	50.33	-23.67	74	45.01	32.7	9.4	36.78	201	81	P	V
		5350	40.45	-13.55	54	35.13	32.7	9.4	36.78	201	81	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5118.66	54.31	-19.69	74	48.84	33.03	9.34	36.9	211	242	P	H
		5118.66	46.58	-7.42	54	41.11	33.03	9.34	36.9	211	242	A	H
	*	5250	100.12	-	-	94.64	32.9	9.41	36.83	211	242	P	H
	*	5250	90.78	-	-	85.3	32.9	9.41	36.83	211	242	A	H
		5394.48	60.84	-13.16	74	55.5	32.7	9.4	36.76	211	242	P	H
		5381.04	51.63	-2.37	54	46.3	32.7	9.4	36.77	211	242	A	H
		5118.32	58.05	-15.95	74	52.58	33.03	9.34	36.9	316	269	P	V
		5118.32	48.31	-5.69	54	42.84	33.03	9.34	36.9	316	269	A	V
	*	5250	101.38	-	-	95.9	32.9	9.41	36.83	316	269	P	V
	*	5250	92.31	-	-	86.83	32.9	9.41	36.83	316	269	A	V
		5394.96	60.81	-13.19	74	55.47	32.7	9.4	36.76	316	269	P	V
		5381.28	50.61	-3.39	54	45.28	32.7	9.4	36.77	316	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 996/67 CH 50 5250MHz		5125.32	63.26	-10.74	74	57.81	33	9.35	36.9	100	212	P	H
		5125.32	47.44	-6.56	54	41.99	33	9.35	36.9	100	212	A	H
	*	5250	100.9	-	-	95.42	32.9	9.41	36.83	100	212	P	H
	*	5250	92.12	-	-	86.64	32.9	9.41	36.83	100	212	A	H
		5396.16	67.09	-6.91	74	61.75	32.7	9.4	36.76	100	212	P	H
		5395.88	50.61	-3.39	54	45.27	32.7	9.4	36.76	100	212	A	H
		5121.42	62.14	-11.86	74	56.68	33.01	9.35	36.9	400	79	P	V
		5125.32	46.18	-7.82	54	40.73	33	9.35	36.9	400	79	A	V
	*	5250	98.3	-	-	92.82	32.9	9.41	36.83	400	79	P	V
	*	5250	89.2	-	-	83.72	32.9	9.41	36.83	400	79	A	V
		5391.96	61.51	-12.49	74	56.17	32.7	9.4	36.76	400	79	P	V
		5391.96	45.7	-8.3	54	40.36	32.7	9.4	36.76	400	79	A	V
802.11ax HE160 Partial 996/S67 CH 50 5250MHz		5125.58	63.16	-10.84	74	57.71	33	9.35	36.9	100	212	P	H
		5125.32	47.47	-6.53	54	42.02	33	9.35	36.9	100	212	A	H
	*	5250	101.33	-	-	95.85	32.9	9.41	36.83	100	212	P	H
	*	5250	92.39	-	-	86.91	32.9	9.41	36.83	100	212	A	H
		5401.48	66.63	-7.37	74	61.29	32.7	9.4	36.76	100	212	P	H
		5396.16	50.91	-3.09	54	45.57	32.7	9.4	36.76	100	212	A	H
		5129.22	54.14	-19.86	74	48.71	32.98	9.35	36.9	400	29	P	V
		5125.58	41.67	-12.33	54	36.22	33	9.35	36.9	400	29	A	V
	*	5250	97.5	-	-	92.02	32.9	9.41	36.83	400	29	P	V
	*	5250	89.07	-	-	83.59	32.9	9.41	36.83	400	29	A	V
		5396.16	62.85	-11.15	74	57.51	32.7	9.4	36.76	400	29	P	V
		5396.16	46.14	-7.86	54	40.8	32.7	9.4	36.76	400	29	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 1992/68 CH 50 5250MHz		5125.58	63.22	-10.78	74	57.77	33	9.35	36.9	100	212	P	H
		5125.58	47.13	-6.87	54	41.68	33	9.35	36.9	100	212	A	H
	*	5250	99.32	-	-	93.84	32.9	9.41	36.83	100	212	P	H
	*	5250	90.02	-	-	84.54	32.9	9.41	36.83	100	212	A	H
		5396.16	67.15	-6.85	74	61.81	32.7	9.4	36.76	100	212	P	H
		5396.16	50.32	-3.68	54	44.98	32.7	9.4	36.76	100	212	A	H
		5121.16	59.72	-14.28	74	54.25	33.02	9.35	36.9	400	87	P	V
		5125.32	46.27	-7.73	54	40.82	33	9.35	36.9	400	87	A	V
	*	5250	95.65	-	-	90.17	32.9	9.41	36.83	400	87	P	V
	*	5250	86.39	-	-	80.91	32.9	9.41	36.83	400	87	A	V
		5388.32	56.49	-17.51	74	51.16	32.7	9.4	36.77	400	87	P	V
		5391.96	46.63	-7.37	54	41.29	32.7	9.4	36.76	400	87	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5109.48	47.04	-26.96	74	41.55	33.06	9.34	36.91	235	22	P	H
		5101.32	38.46	-15.54	54	32.95	33.09	9.33	36.91	235	22	A	H
	*	5260	112.61	-	-	107.13	32.9	9.41	36.83	235	22	P	H
	*	5260	104.23	-	-	98.75	32.9	9.41	36.83	235	22	A	H
		5354.64	47.27	-26.73	74	41.95	32.7	9.4	36.78	235	22	P	H
		5350.56	37.7	-16.3	54	32.38	32.7	9.4	36.78	235	22	A	H
		5114.24	47.88	-26.12	74	42.4	33.04	9.34	36.9	318	263	P	V
		5099.96	38.26	-15.74	54	32.74	33.1	9.33	36.91	318	263	A	V
	*	5260	110.81	-	-	105.33	32.9	9.41	36.83	318	263	P	V
	*	5260	102.41	-	-	96.93	32.9	9.41	36.83	318	263	A	V
		5351.76	46.72	-27.28	74	41.4	32.7	9.4	36.78	318	263	P	V
		5350.08	37.17	-16.83	54	31.85	32.7	9.4	36.78	318	263	A	V
802.11a CH 60 5300MHz		5147.22	46.79	-27.21	74	41.4	32.91	9.37	36.89	226	55	P	H
		5141.44	38.04	-15.96	54	32.64	32.93	9.36	36.89	226	55	A	H
	*	5300	112	-	-	106.51	32.9	9.4	36.81	226	55	P	H
	*	5300	103.43	-	-	97.94	32.9	9.4	36.81	226	55	A	H
		5353.68	48.44	-25.56	74	43.12	32.7	9.4	36.78	226	55	P	H
		5350.08	38.64	-15.36	54	33.32	32.7	9.4	36.78	226	55	A	H
		5110.16	46.86	-27.14	74	41.36	33.06	9.34	36.9	331	272	P	V
		5140.08	37.75	-16.25	54	32.34	32.94	9.36	36.89	331	272	A	V
	*	5300	110.42	-	-	104.93	32.9	9.4	36.81	331	272	P	V
	*	5300	102.16	-	-	96.67	32.9	9.4	36.81	331	272	A	V
		5364.72	47.58	-26.42	74	42.26	32.7	9.4	36.78	331	272	P	V
		5350.32	38.09	-15.91	54	32.77	32.7	9.4	36.78	331	272	A	V



802.11a CH 64 5320MHz	*	5320	112.06	-	-	106.62	32.84	9.4	36.8	222	52	P	H
	*	5320	103.28	-	-	97.84	32.84	9.4	36.8	222	52	A	H
		5350.08	55.1	-18.9	74	49.78	32.7	9.4	36.78	222	52	P	H
		5351.36	43.37	-10.63	54	38.05	32.7	9.4	36.78	222	52	A	H
													H
													H
	*	5320	111.07	-	-	105.65	32.82	9.4	36.8	346	272	P	V
	*	5320	102.06	-	-	96.64	32.82	9.4	36.8	346	272	A	V
		5350.88	55.08	-18.92	74	49.76	32.7	9.4	36.78	346	272	P	V
		5350.08	43.33	-10.67	54	38.01	32.7	9.4	36.78	346	272	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	50.62	-17.58	68.2	59.64	38.48	12.54	60.74	-	-	P	H
		11477	51.47	-22.53	74	59.69	38.87	12.97	60.76	-	-	P	H
		11477	41.7	-12.3	54	49.92	38.87	12.97	60.76	-	-	A	H
		14480	51.08	-22.92	74	59.19	40.52	14.57	63.47	-	-	P	H
		14480	42.2	-11.8	54	50.31	40.52	14.57	63.47	-	-	A	H
		15780	49.23	-24.77	74	57.31	37.46	15.17	61.05	-	-	P	H
		15780	39.18	-14.82	54	47.26	37.46	15.17	61.05	-	-	A	H
		17978	54.92	-19.08	74	52.18	42.9	16.34	57.2	-	-	P	H
		17978	45.14	-8.86	54	42.4	42.9	16.34	57.2	-	-	A	H
													H
													H
													H
		10520	53.08	-15.12	68.2	62.1	38.48	13.24	60.74	-	-	P	V
		12203	51.75	-22.25	74	60.23	38.9	14.1	61.48	-	-	P	V
		12203	41.97	-12.03	54	50.45	38.9	14.1	61.48	-	-	A	V
		14491	50.43	-23.57	74	58.55	40.51	14.85	63.48	-	-	P	V
		14491	41.65	-12.35	54	49.77	40.51	14.85	63.48	-	-	A	V
		15780	57.06	-16.94	74	65.14	37.46	15.51	61.05	100	131	P	V
		15780	44.1	-9.9	54	52.18	37.46	15.51	61.05	100	131	A	V
		17989	55.33	-18.67	74	52.47	43	17.04	57.18	-	-	P	V
		17989	45.55	-8.45	54	42.69	43	17.04	57.18	-	-	A	V
													V
													V
													V



WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	55.35	-18.65	74	64.05	38.8	13.29	60.79	100	311	P	H
		10600	45.12	-8.88	54	53.82	38.8	13.29	60.79	100	311	A	H
		11488	51.26	-22.74	74	59.5	38.84	13.68	60.76	-	-	P	H
		11488	41.48	-12.52	54	49.72	38.84	13.68	60.76	-	-	A	H
		14491	50.52	-23.48	74	58.64	40.51	14.85	63.48	-	-	P	H
		14491	41.74	-12.26	54	49.86	40.51	14.85	63.48	-	-	A	H
		15900	47.96	-26.04	74	55.23	37.6	15.54	60.41	-	-	P	H
		17989	55.42	-18.58	74	52.56	43	17.04	57.18	-	-	P	H
		17989	45.64	-8.36	54	42.78	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10600	60	-14	74	68.7	38.8	13.29	60.79	100	129	P	V
		10600	48.71	-5.29	54	57.41	38.8	13.29	60.79	100	129	A	V
		11323	51.16	-22.84	74	59.43	38.95	13.63	60.85	-	-	P	V
		11323	41.38	-12.62	54	49.65	38.95	13.63	60.85	-	-	A	V
		14480	49.9	-24.1	74	58.01	40.52	14.84	63.47	-	-	P	V
		14480	40.12	-13.88	54	48.23	40.52	14.84	63.47	-	-	A	V
		15900	53.44	-20.56	74	60.71	37.6	15.54	60.41	100	134	P	V
		15900	41.44	-12.56	54	48.71	37.6	15.54	60.41	100	134	A	V
		17989	55.09	-18.91	74	52.23	43	17.04	57.18	-	-	P	V
		17989	45.31	-8.69	54	42.45	43	17.04	57.18	-	-	A	V
													V
													V



WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	56.57	-17.43	74	65.27	38.8	12.62	60.82	100	288	P	H
		10640	45.29	-8.71	54	53.99	38.8	12.62	60.82	100	288	A	H
		11466	51.71	-22.29	74	59.91	38.9	12.97	60.77	-	-	P	H
		11466	41.93	-12.07	54	50.13	38.9	12.97	60.77	-	-	A	H
		14491	51.12	-22.88	74	59.24	40.51	14.58	63.48	-	-	P	H
		14491	42.36	-11.64	54	50.48	40.51	14.58	63.48	-	-	A	H
		15960	48.97	-25.03	74	55.84	37.66	15.21	60.09	-	-	P	H
		15960	38.75	-15.25	54	45.62	37.66	15.21	60.09	-	-	A	H
		17978	55.08	-18.92	74	52.34	42.9	16.34	57.2	-	-	P	H
		17978	45.3	-8.7	54	42.56	42.9	16.34	57.2	-	-	A	H
													H
													H
		10640	60.75	-13.25	74	69.45	38.8	13.32	60.82	100	129	P	V
		10640	49.9	-4.1	54	58.6	38.8	13.32	60.82	100	129	A	V
		11455	51.4	-22.6	74	59.58	38.93	13.67	60.78	-	-	P	V
		11455	41.62	-12.38	54	49.8	38.93	13.67	60.78	-	-	A	V
		14480	50.28	-23.72	74	58.39	40.52	14.84	63.47	-	-	P	V
		14480	40.51	-13.49	54	48.62	40.52	14.84	63.47	-	-	A	V
		15960	53.43	-20.57	74	60.3	37.66	15.56	60.09	100	189	P	V
		15960	42.62	-11.38	54	49.49	37.66	15.56	60.09	100	189	A	V
		17989	55.61	-18.39	74	52.75	43	17.04	57.18	-	-	P	V
		17989	45.83	-8.17	54	42.97	43	17.04	57.18	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz	*	5320	113.62	-	-	108.2	32.82	9.4	36.8	231	21	P	H
	*	5320	103.25	-	-	97.83	32.82	9.4	36.8	231	21	A	H
		5353.12	56.13	-17.87	74	50.81	32.7	9.4	36.78	231	21	P	H
		5351.84	44.18	-9.82	54	38.86	32.7	9.4	36.78	231	21	A	H
													H
													H
	*	5320	112.23	-	-	106.81	32.82	9.4	36.8	346	273	P	V
	*	5320	102.06	-	-	96.64	32.82	9.4	36.8	346	273	A	V
		5350.88	55.09	-18.91	74	49.77	32.7	9.4	36.78	346	273	P	V
		5350.08	42.06	-11.94	54	36.74	32.7	9.4	36.78	346	273	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 60 5300MHz		10600	56.29	-17.71	74	64.99	38.8	13.29	60.79	200	36	P	H
		10600	45.14	-8.86	54	53.84	38.8	13.29	60.79	200	36	A	H
		11422	51.02	-22.98	74	59.13	39.03	13.66	60.8	-	-	P	H
		11422	41.24	-12.76	54	49.35	39.03	13.66	60.8	-	-	A	H
		14491	50.24	-23.76	74	58.36	40.51	14.85	63.48	-	-	P	H
		14491	41.46	-12.54	54	49.58	40.51	14.85	63.48	-	-	A	H
		15900	47.93	-26.07	74	55.2	37.6	15.54	60.41	-	-	P	H
		17945	55.85	-18.15	74	53.48	42.6	17.01	57.24	-	-	P	H
		17945	46.08	-7.92	54	43.71	42.6	17.01	57.24	-	-	A	H
													H
													H
													H
		10600	57.92	-16.08	74	66.62	38.8	13.29	60.79	200	26	P	V
		10600	47.48	-6.52	54	56.18	38.8	13.29	60.79	200	26	A	V
		11411	51.29	-22.71	74	59.36	39.07	13.66	60.8	-	-	P	V
		11411	41.51	-12.49	54	49.58	39.07	13.66	60.8	-	-	A	V
		14491	50.93	-23.07	74	59.05	40.51	14.85	63.48	-	-	P	V
		14491	42.15	-11.85	54	50.27	40.51	14.85	63.48	-	-	A	V
		15900	47.93	-26.07	74	55.2	37.6	15.54	60.41	-	-	P	V
		18000	56.59	-17.41	74	53.61	43.1	17.05	57.17	-	-	P	V
		18000	46.81	-7.19	54	43.83	43.1	17.05	57.17	-	-	A	V
													V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.											



Band 2 5250~5350MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	115.23	-	-	109.81	32.82	9.4	36.8	100	52	P	H
	*	5320	106.08	-	-	100.66	32.82	9.4	36.8	100	52	A	H
		5357.12	53.5	-20.5	74	48.18	32.7	9.4	36.78	100	52	P	H
		5351.36	40.55	-13.45	54	35.23	32.7	9.4	36.78	100	52	A	H
													H
													H
	*	5320	113.85	-	-	108.43	32.82	9.4	36.8	245	262	P	V
	*	5320	104.41	-	-	98.99	32.82	9.4	36.8	245	262	A	V
		5350.72	54.67	-19.33	74	49.35	32.7	9.4	36.78	245	262	P	V
		5351.36	41.12	-12.88	54	35.8	32.7	9.4	36.78	245	262	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 64 5320MHz	*	5320	112.53	-	-	107.11	32.82	9.4	36.8	100	328	P	H
	*	5320	102.25	-	-	96.83	32.82	9.4	36.8	100	328	A	H
		5351.2	61.92	-12.08	74	56.6	32.7	9.4	36.78	100	328	P	H
		5351.04	49.09	-4.91	54	43.77	32.7	9.4	36.78	100	328	A	H
													H
													H
	*	5320	109.75	-	-	104.33	32.82	9.4	36.8	300	260	P	V
	*	5320	100.82	-	-	95.4	32.82	9.4	36.8	300	260	A	V
		5352.48	63.56	-10.44	74	58.24	32.7	9.4	36.78	300	260	P	V
		5350.08	50.08	-3.92	54	44.76	32.7	9.4	36.78	300	260	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz	*	5320	112.53	-	-	107.11	32.82	9.4	36.8	100	328	P	H
	*	5320	102.25	-	-	96.83	32.82	9.4	36.8	100	328	A	H
		5351.2	61.92	-12.08	74	56.6	32.7	9.4	36.78	100	328	P	H
		5351.04	49.09	-4.91	54	43.77	32.7	9.4	36.78	100	328	A	H
													H
													H
	*	5320	109.75	-	-	104.33	32.82	9.4	36.8	300	260	P	V
	*	5320	100.82	-	-	95.4	32.82	9.4	36.8	300	260	A	V
		5352.48	63.56	-10.44	74	58.24	32.7	9.4	36.78	300	260	P	V
		5350.08	50.08	-3.92	54	44.76	32.7	9.4	36.78	300	260	A	V
													V
													V
802.11ax HE40 Full CH 62 5310MHz		5149.94	47.99	-26.01	74	42.61	32.9	9.37	36.89	230	21	P	H
		5149.94	37.96	-16.04	54	32.58	32.9	9.37	36.89	230	21	A	H
	*	5310	110.12	-	-	104.67	32.86	9.4	36.81	230	21	P	H
	*	5310	100.76	-	-	95.31	32.86	9.4	36.81	230	21	A	H
		5351.83	63.66	-10.34	74	58.34	32.7	9.4	36.78	230	21	P	H
		5351.83	51.29	-2.71	54	45.97	32.7	9.4	36.78	230	21	A	H
		5077.18	47.66	-26.34	74	42.31	32.96	9.31	36.92	328	264	P	V
		5148.58	37.87	-16.13	54	32.48	32.91	9.37	36.89	328	264	A	V
	*	5310	108.82	-	-	103.37	32.86	9.4	36.81	328	264	P	V
	*	5310	98.91	-	-	93.46	32.86	9.4	36.81	328	264	A	V
		5350.8	61.93	-12.07	74	56.61	32.7	9.4	36.78	328	264	P	V
		5350.08	49.78	-4.22	54	44.46	32.7	9.4	36.78	328	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	50.63	-17.57	68.2	59.57	38.56	13.25	60.75	-	-	P	H
		11433	51.81	-22.19	74	59.94	39	13.66	60.79	-	-	P	H
		11433	42.03	-11.97	54	50.16	39	13.66	60.79	-	-	A	H
		14480	50	-24	74	58.11	40.52	14.84	63.47	-	-	P	H
		14480	41.22	-12.78	54	49.33	40.52	14.84	63.47	-	-	A	H
		15810	47.9	-26.1	74	55.85	37.42	15.52	60.89	-	-	P	H
		17978	56.4	-17.6	74	53.66	42.9	17.04	57.2	-	-	P	H
		17978	46.62	-7.38	54	43.88	42.9	17.04	57.2	-	-	A	H
													H
													H
													H
													H
		10540	53.25	-14.95	68.2	62.19	38.56	13.25	60.75	-	-	P	V
		11510	51.85	-22.15	74	60.14	38.78	13.69	60.76	-	-	P	V
		11510	42.07	-11.93	54	50.36	38.78	13.69	60.76	-	-	A	V
		14491	50.46	-23.54	74	58.58	40.51	14.85	63.48	-	-	P	V
		14491	41.68	-12.32	54	49.8	40.51	14.85	63.48	-	-	A	V
		15810	50.64	-23.36	74	58.59	37.42	15.52	60.89	-	-	P	V
		15810	40.72	-13.28	54	48.67	37.42	15.52	60.89	-	-	A	V
		17989	56.22	-17.78	74	53.36	43	17.04	57.18	-	-	P	V
		17989	46.44	-7.56	54	43.58	43	17.04	57.18	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5093.5	47.57	-26.43	74	42.1	33.06	9.32	36.91	100	213	P	H
		5141.44	37.66	-16.34	54	32.26	32.93	9.36	36.89	100	213	A	H
	*	5310	112.96	-	-	107.51	32.86	9.4	36.81	100	213	P	H
	*	5310	103.11	-	-	97.66	32.86	9.4	36.81	100	213	A	H
		5351.04	66.53	-7.47	74	61.21	32.7	9.4	36.78	100	213	P	H
		5352	50.61	-3.39	54	45.29	32.7	9.4	36.78	100	213	A	H
		5142.46	47.43	-26.57	74	42.03	32.93	9.36	36.89	200	255	P	V
		5148.58	37.64	-16.36	54	32.25	32.91	9.37	36.89	200	255	A	V
	*	5310	110.46	-	-	105.01	32.86	9.4	36.81	200	255	P	V
	*	5310	101.11	-	-	95.66	32.86	9.4	36.81	200	255	A	V
		5353.68	59.51	-14.49	74	54.19	32.7	9.4	36.78	200	255	P	V
		5352.24	49.93	-4.07	54	44.61	32.7	9.4	36.78	200	255	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 62 5310MHz		5101.66	46.84	-27.16	74	41.33	33.09	9.33	36.91	100	234	P	H
		5111.18	37.23	-16.77	54	31.73	33.06	9.34	36.9	100	234	A	H
	*	5310	107.27	-	-	101.82	32.86	9.4	36.81	100	234	P	H
	*	5310	97.63	-	-	92.18	32.86	9.4	36.81	100	234	A	H
		5354.64	65.63	-8.37	74	60.31	32.7	9.4	36.78	100	234	P	H
		5350.08	51.65	-2.35	54	46.33	32.7	9.4	36.78	100	234	A	H
		5073.78	47.45	-26.55	74	42.12	32.94	9.31	36.92	200	255	P	V
		5146.2	37.66	-16.34	54	32.26	32.92	9.37	36.89	200	255	A	V
	*	5310	105.26	-	-	99.81	32.86	9.4	36.81	200	255	P	V
	*	5310	95.28	-	-	89.83	32.86	9.4	36.81	200	255	A	V
		5356.56	64.45	-9.55	74	59.13	32.7	9.4	36.78	200	255	P	V
		5351.04	50.66	-3.34	54	45.34	32.7	9.4	36.78	200	255	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5133.28	50.07	-23.93	74	44.63	32.97	9.36	36.89	237	21	P	H
		5141.78	39.33	-14.67	54	33.93	32.93	9.36	36.89	237	21	A	H
	*	5290	107.01	-	-	101.51	32.9	9.41	36.81	237	21	P	H
	*	5290	97.32	-	-	91.82	32.9	9.41	36.81	237	21	A	H
		5363.28	62.6	-11.4	74	57.28	32.7	9.4	36.78	237	21	P	H
		5352.72	51.93	-2.07	54	46.61	32.7	9.4	36.78	237	21	A	H
		5144.84	50.27	-23.73	74	44.87	32.92	9.37	36.89	331	265	P	V
		5136.34	39.09	-14.91	54	33.67	32.95	9.36	36.89	331	265	A	V
	*	5290	106.41	-	-	100.91	32.9	9.41	36.81	331	265	P	V
	*	5290	95.81	-	-	90.31	32.9	9.41	36.81	331	265	A	V
		5350.32	64.74	-9.26	74	59.42	32.7	9.4	36.78	331	265	P	V
		5350.08	49.93	-4.07	54	44.61	32.7	9.4	36.78	331	265	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5134.64	52.03	-21.97	74	46.6	32.96	9.36	36.89	100	236	P	H
		5099.62	38.72	-15.28	54	33.2	33.1	9.33	36.91	100	236	A	H
	*	5290	106.38	-	-	100.88	32.9	9.41	36.81	100	236	P	H
	*	5290	97.43	-	-	91.93	32.9	9.41	36.81	100	236	A	H
		5376.24	70.18	-3.82	74	64.85	32.7	9.4	36.77	100	236	P	H
		5350.32	50.02	-3.98	54	43.93	32.7	10.17	36.78	100	236	A	H
		5133.62	50.95	-23.05	74	45.51	32.97	9.36	36.89	100	289	P	V
		5099.62	37.63	-16.37	54	32.11	33.1	9.33	36.91	100	289	A	V
	*	5290	104.12	-	-	98.62	32.9	9.41	36.81	100	289	P	V
	*	5290	94.76	-	-	89.26	32.9	9.41	36.81	100	289	A	V
		5354.88	66.44	-7.56	74	61.12	32.7	9.4	36.78	100	289	P	V
		5350.08	46.07	-7.93	54	40.75	32.7	9.4	36.78	100	289	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 996/67 CH 58 5290MHz		5125.46	49.71	-24.29	74	43.64	33	9.97	36.9	247	241	P	H
		5149.94	38.77	-15.23	54	32.76	32.9	10	36.89	247	241	A	H
	*	5290	104.83	-	-	98.62	32.9	10.12	36.81	247	241	P	H
	*	5290	94.84	-	-	88.63	32.9	10.12	36.81	247	241	A	H
		5365.92	68.55	-5.45	74	62.45	32.7	10.18	36.78	247	241	P	H
		5350.08	51.01	-2.99	54	44.92	32.7	10.17	36.78	247	241	A	H
		5126.48	50.08	-23.92	74	44.02	32.99	9.97	36.9	147	277	P	V
		5149.94	39.29	-14.71	54	33.28	32.9	10	36.89	147	277	A	V
	*	5290	102.43	-	-	96.22	32.9	10.12	36.81	147	277	P	V
	*	5290	92.44	-	-	86.23	32.9	10.12	36.81	147	277	A	V
		5365.68	69.11	-4.89	74	63.01	32.7	10.18	36.78	147	277	P	V
		5350.8	50.42	-3.58	54	44.33	32.7	10.17	36.78	147	277	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5459.92	50.29	-23.71	74	44.04	32.72	10.26	36.73	240	239	P	H
		5469.04	55	-13.2	68.2	48.72	32.74	10.27	36.73	240	239	P	H
		5460	39.25	-14.75	54	33	32.72	10.26	36.73	240	239	A	H
	*	5500	111.05	-	-	104.66	32.8	10.3	36.71	240	239	P	H
	*	5500	103.6	-	-	97.21	32.8	10.3	36.71	240	239	A	H
													H
		5459.92	49.4	-24.6	74	43.15	32.72	10.26	36.73	142	271	P	V
		5470	52.91	-15.29	68.2	46.62	32.74	10.27	36.72	142	271	P	V
		5460	38.87	-15.13	54	32.62	32.72	10.26	36.73	142	271	A	V
	*	5500	108.89	-	-	102.5	32.8	10.3	36.71	142	271	P	V
	*	5500	101.56	-	-	95.17	32.8	10.3	36.71	142	271	A	V
													V
802.11a CH 116 5580MHz		5398.24	49.29	-24.71	74	43.14	32.7	10.21	36.76	232	239	P	H
		5469.76	48.15	-20.05	68.2	41.87	32.74	10.27	36.73	232	239	P	H
		5425.6	38.15	-15.85	54	31.97	32.7	10.23	36.75	232	239	A	H
	*	5580	111.13	-	-	104.62	32.92	10.36	36.77	232	239	P	H
	*	5580	105.9	-	-	99.39	32.92	10.36	36.77	232	239	A	H
		5742.005	48.29	-19.91	68.2	41.28	33.35	10.54	36.88	232	239	P	H
		5452.72	49.02	-24.98	74	42.79	32.71	10.25	36.73	141	273	P	V
		5464.48	47.45	-20.75	68.2	41.19	32.73	10.26	36.73	141	273	P	V
		5425.84	38.23	-15.77	54	32.05	32.7	10.23	36.75	141	273	A	V
	*	5580	108.84	-	-	102.33	32.92	10.36	36.77	141	273	P	V
	*	5580	101.53	-	-	95.02	32.92	10.36	36.77	141	273	A	V
		5759.96	48.79	-19.41	68.2	41.67	33.46	10.56	36.9	141	273	P	V



802.11a CH 140 5700MHz	*	5700	110.07	-	-	103.33	33.1	10.49	36.85	228	242	P	H
	*	5700	102.63	-	-	95.89	33.1	10.49	36.85	228	242	A	H
		5725.72	56.31	-11.89	68.2	49.41	33.25	10.52	36.87	228	242	P	H
													H
													H
													H
	*	5700	109.1	-	-	102.36	33.1	10.49	36.85	107	275	P	V
	*	5700	101.75	-	-	95.01	33.1	10.49	36.85	107	275	A	V
		5726.04	53.77	-14.43	68.2	46.86	33.26	10.52	36.87	107	275	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.93	-25.07	74	57.83	38.6	13.54	61.04	-	-	P	H
		11466	52.01	-21.99	74	60.21	38.9	13.67	60.77	-	-	P	H
		11466	42.23	-11.77	54	50.43	38.9	13.67	60.77	-	-	A	H
		14491	51.29	-22.71	74	59.41	40.51	14.85	63.48	-	-	P	H
		14491	41.51	-12.49	54	49.63	40.51	14.85	63.48	-	-	A	H
		16500	50	-18.2	68.2	54.26	38.6	16.07	58.93	-	-	P	H
		17989	55.39	-18.61	74	52.53	43	17.04	57.18	-	-	P	H
		17989	45.61	-8.39	54	42.75	43	17.04	57.18	-	-	A	H
													H
													H
													H
													H
		11000	54.27	-19.73	74	63.17	38.6	13.54	61.04	100	114	P	V
		11000	44.25	-9.75	54	53.15	38.6	13.54	61.04	100	114	A	V
		11598	51.27	-22.73	74	59.79	38.6	13.75	60.87	-	-	P	V
		11598	41.6	-12.4	54	50.12	38.6	13.75	60.87	-	-	A	V
		14491	50.5	-23.5	74	58.62	40.51	14.85	63.48	-	-	P	V
		14491	41.72	-12.28	54	49.84	40.51	14.85	63.48	-	-	A	V
		16500	52.12	-16.08	68.2	56.38	38.6	16.07	58.93	-	-	P	V
		17912	55.24	-18.76	74	53.24	42.31	16.98	57.29	-	-	P	V
		17912	45.46	-8.54	54	43.46	42.31	16.98	57.29	-	-	A	V
													V
													V
													V



WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	47.98	-26.02	74	56.63	38.72	13.58	60.95	-	-	P	H
		12038	50.94	-23.06	74	59.57	38.71	14.03	61.37	-	-	P	H
		12038	41.12	-12.88	54	49.75	38.71	14.03	61.37	-	-	A	H
		14491	50.26	-23.74	74	58.38	40.51	14.85	63.48	-	-	P	H
		14491	41.48	-12.52	54	49.6	40.51	14.85	63.48	-	-	A	H
		16740	49.15	-19.05	68.2	53.4	38.24	16.32	58.81	-	-	P	H
		17934	55.88	-18.12	74	53.62	42.51	17.01	57.26	-	-	P	H
		17934	46.1	-7.9	54	43.84	42.51	17.01	57.26	-	-	A	H
													H
													H
													H
													H
		10740	52.01	-21.99	74	60.63	38.88	13.38	60.88	-	-	P	V
		10740	42.23	-11.77	54	50.85	38.88	13.38	60.88	-	-	A	V
		11160	50.44	-23.56	74	59.09	38.72	13.58	60.95	100	202	P	V
		11160	40.97	-13.03	54	49.62	38.72	13.58	60.95	100	202	A	V
		14491	50.99	-23.01	74	59.11	40.51	14.85	63.48	-	-	P	V
		14491	42.21	-11.79	54	50.33	40.51	14.85	63.48	-	-	A	V
		16740	54.06	-14.14	68.2	58.31	38.24	16.32	58.81	-	-	P	V
		18000	55.57	-18.43	74	52.59	43.1	17.05	57.17	-	-	P	V
		18000	45.79	-8.21	54	42.81	43.1	17.05	57.17	-	-	A	V
													V
													V
													V



WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		10817	50.77	-23.23	74	59.32	38.95	13.43	60.93	-	-	P	H
		10817	40.99	-13.01	54	49.54	38.95	13.43	60.93	-	-	A	H
		11400	51.54	-22.46	74	59.6	39.1	13.65	60.81	100	310	P	H
		11400	40.6	-13.4	54	48.66	39.1	13.65	60.81	100	310	A	H
		14480	50.29	-23.71	74	58.4	40.52	14.84	63.47	-	-	P	H
		14480	41.51	-12.49	54	49.62	40.52	14.84	63.47	-	-	A	H
		17100	51.43	-16.77	68.2	55.43	37.9	16.61	58.51	-	-	P	H
		18000	55.57	-18.43	74	52.59	43.1	17.05	57.17	-	-	P	H
		18000	45.79	-8.21	54	42.81	43.1	17.05	57.17	-	-	A	H
													H
													H
													H
		11400	52.31	-21.69	74	60.37	39.1	13.65	60.81	100	145	P	V
		11400	41.43	-12.57	54	49.49	39.1	13.65	60.81	100	145	A	V
		12148	51.49	-22.51	74	59.95	38.9	14.08	61.44	-	-	P	V
		12148	41.71	-12.29	54	50.17	38.9	14.08	61.44	-	-	A	V
		14480	49.82	-24.18	74	57.93	40.52	14.84	63.47	-	-	P	V
		14480	41.04	-12.96	54	49.15	40.52	14.84	63.47	-	-	A	V
		17100	52.82	-15.38	68.2	56.82	37.9	16.61	58.51	-	-	P	V
		17912	55.68	-18.32	74	53.68	42.31	16.98	57.29	-	-	P	V
		17912	45.9	-8.1	54	43.9	42.31	16.98	57.29	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5459.92	50.77	-23.23	74	44.52	32.72	10.26	36.73	233	238	P	H
		5470	57.76	-10.44	68.2	51.47	32.74	10.27	36.72	233	238	P	H
		5458.96	39.04	-14.96	54	32.79	32.72	10.26	36.73	233	238	A	H
	*	5500	113.17	-	-	106.78	32.8	10.3	36.71	233	238	P	H
	*	5500	102.67	-	-	96.28	32.8	10.3	36.71	233	238	A	H
													H
		5459.6	49.7	-24.3	74	43.45	32.72	10.26	36.73	119	273	P	V
		5470	54.52	-13.68	68.2	48.23	32.74	10.27	36.72	119	273	P	V
		5460	38.75	-15.25	54	32.5	32.72	10.26	36.73	119	273	A	V
	*	5500	112.46	-	-	106.07	32.8	10.3	36.71	119	273	P	V
	*	5500	101.48	-	-	95.09	32.8	10.3	36.71	119	273	A	V
													V
802.11ax HE20 Full CH 140 5700MHz	*	5700	112	-	-	105.26	33.1	10.49	36.85	225	240	P	H
	*	5700	102.46	-	-	95.72	33.1	10.49	36.85	225	240	A	H
		5725.4	60.73	-7.47	68.2	53.83	33.25	10.52	36.87	225	240	P	H
													H
													H
													H
	*	5700	110.93	-	-	104.19	33.1	10.49	36.85	101	280	P	V
	*	5700	100.74	-	-	94	33.1	10.49	36.85	101	280	A	V
		5725	62.31	-5.89	68.2	55.41	33.25	10.52	36.87	101	280	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 116 5580MHz		11160	47.97	-26.03	74	56.62	38.72	13.58	60.95	-	-	P	H
		11389	52.63	-21.37	74	60.71	39.08	13.65	60.81	-	-	P	H
		11389	42.85	-11.15	54	50.93	39.08	13.65	60.81	-	-	A	H
		14491	49.53	-24.47	74	57.65	40.51	14.85	63.48	-	-	P	H
		14491	40.75	-13.25	54	48.87	40.51	14.85	63.48	-	-	A	H
		16740	51.85	-16.35	68.2	56.1	38.24	16.32	58.81	-	-	P	H
		18000	55.58	-18.42	74	52.6	43.1	17.05	57.17	-	-	P	H
		18000	45.8	-8.2	54	42.82	43.1	17.05	57.17	-	-	A	H
													H
													H
													H
													H
		11160	49.69	-24.31	74	58.34	38.72	13.58	60.95	-	-	P	V
		11160	39.72	-14.28	54	48.37	38.72	13.58	60.95	-	-	A	V
		11510	51.65	-22.35	74	59.94	38.78	13.69	60.76	-	-	P	V
		11510	41.87	-12.13	54	50.16	38.78	13.69	60.76	-	-	A	V
		14480	50.17	-23.83	74	58.28	40.52	14.84	63.47	-	-	P	V
		14480	41.39	-12.61	54	49.5	40.52	14.84	63.47	-	-	A	V
		16740	50.75	-17.45	68.2	55	38.24	16.32	58.81	-	-	P	V
		17989	54.93	-19.07	74	52.07	43	17.04	57.18	-	-	P	V
		17989	45.15	-8.85	54	42.29	43	17.04	57.18	-	-	A	V
													V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line. - The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. - The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5442	48.85	-25.15	74	43.45	32.7	9.44	36.74	100	247	P	H
		5464.88	49.94	-18.26	68.2	44.48	32.73	9.46	36.73	100	247	P	H
		5447.12	38.57	-15.43	54	33.17	32.7	9.44	36.74	100	247	A	H
	*	5500	115.03	-	-	109.45	32.8	9.49	36.71	100	247	P	H
	*	5500	105.41	-	-	99.83	32.8	9.49	36.71	100	247	A	H
													H
		5429.04	48.35	-25.65	74	42.97	32.7	9.43	36.75	201	261	P	V
		5467.12	54.12	-14.08	68.2	48.66	32.73	9.46	36.73	201	261	P	V
		5448.24	38.37	-15.63	54	32.96	32.7	9.45	36.74	201	261	A	V
	*	5500	113.38	-	-	107.8	32.8	9.49	36.71	201	261	P	V
	*	5500	104.19	-	-	98.61	32.8	9.49	36.71	201	261	A	V
													V
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	112.96	-	-	107.04	33.1	9.67	36.85	100	238	P	H
	*	5700	103.91	-	-	97.99	33.1	9.67	36.85	100	238	A	H
		5726.36	54.98	-13.22	68.2	48.9	33.26	9.69	36.87	100	238	P	H
													H
													H
													H
	*	5700	113.03	-	-	107.11	33.1	9.67	36.85	200	261	P	V
	*	5700	103.24	-	-	97.32	33.1	9.67	36.85	200	261	A	V
		5725.96	54.9	-13.3	68.2	48.82	33.26	9.69	36.87	200	261	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 100 5500MHz		5459.76	52.63	-21.37	74	47.18	32.72	9.46	36.73	100	245	P	H
		5469.36	63.2	-5	68.2	57.72	32.74	9.47	36.73	100	245	P	H
		5460	40.52	-13.48	54	35.07	32.72	9.46	36.73	100	245	A	H
	*	5500	111.13	-	-	105.55	32.8	9.49	36.71	100	245	P	H
	*	5500	101.95	-	-	96.37	32.8	9.49	36.71	100	245	A	H
													H
		5459.92	50.38	-23.62	74	44.93	32.72	9.46	36.73	150	282	P	V
		5469.84	61.85	-6.35	68.2	56.37	32.74	9.47	36.73	150	282	P	V
		5460	39.44	-14.56	54	33.99	32.72	9.46	36.73	150	282	A	V
	*	5500	110.82	-	-	105.24	32.8	9.49	36.71	150	282	P	V
	*	5500	101.55	-	-	95.97	32.8	9.49	36.71	150	282	A	V
													V
802.11ax HE20 Partial 242/61 CH 140 5700MHz	*	5700	110.35	-	-	104.43	33.1	9.67	36.85	100	242	P	H
	*	5700	101.04	-	-	95.12	33.1	9.67	36.85	100	242	A	H
		5725.08	63.9	-4.3	68.2	57.83	33.25	9.69	36.87	100	242	P	H
													H
													H
													H
	*	5700	107.21	-	-	101.29	33.1	9.67	36.85	201	262	P	V
	*	5700	98.27	-	-	92.35	33.1	9.67	36.85	201	262	A	V
		5725.16	65.64	-2.56	68.2	59.57	33.25	9.69	36.87	201	262	P	V
													V
Remark													V
													V
													V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 5470~5725MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5459.92	58.96	-15.04	74	52.71	32.72	10.26	36.73	234	238	P	H
		5470	62.39	-5.81	68.2	56.1	32.74	10.27	36.72	234	238	P	H
		5459.92	46.08	-7.92	54	39.83	32.72	10.26	36.73	234	238	A	H
	*	5510	111.28	-	-	104.9	32.8	10.3	36.72	234	238	P	H
	*	5510	101.11	-	-	94.73	32.8	10.3	36.72	234	238	A	H
		5746.73	48.47	-19.73	68.2	41.44	33.38	10.54	36.89	234	238	P	H
		5458.48	54.98	-19.02	74	48.73	32.72	10.26	36.73	105	283	P	V
		5470	60.23	-7.97	68.2	53.94	32.74	10.27	36.72	105	283	P	V
		5459.92	44.4	-9.6	54	38.15	32.72	10.26	36.73	105	283	A	V
	*	5510	109.67	-	-	103.29	32.8	10.3	36.72	105	283	P	V
	*	5510	99.24	-	-	92.86	32.8	10.3	36.72	105	283	A	V
		5749.25	48.63	-19.57	68.2	41.58	33.4	10.54	36.89	105	283	P	V
802.11ax HE40 Full CH 134 5670MHz		5399.7	48.12	-25.88	74	41.97	32.7	10.21	36.76	100	212	P	H
		5461.3	47.62	-20.58	68.2	41.37	32.72	10.26	36.73	100	212	P	H
		5459.9	37.77	-16.23	54	31.52	32.72	10.26	36.73	100	212	A	H
	*	5670	111.31	-	-	104.64	33.04	10.46	36.83	100	212	P	H
	*	5670	99.64	-	-	92.97	33.04	10.46	36.83	100	212	A	H
		5726.325	60.24	-7.96	68.2	53.33	33.26	10.52	36.87	100	212	P	H
		5379.05	48.69	-25.31	74	42.57	32.7	10.19	36.77	100	271	P	V
		5460	48.02	-20.18	68.2	41.77	32.72	10.26	36.73	100	271	P	V
		5454.65	37.67	-16.33	54	31.43	32.71	10.26	36.73	100	271	A	V
	*	5670	109.77	-	-	103.1	33.04	10.46	36.83	100	271	P	V
	*	5670	99.11	-	-	92.44	33.04	10.46	36.83	100	271	A	V
		5725.275	57.11	-11.09	68.2	50.21	33.25	10.52	36.87	100	271	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4						(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 110 5550MHz		10795	51.54	-22.46	74	60.05	38.99	13.41	60.91	-	-	P	H
		10795	41.74	-12.26	54	50.25	38.99	13.41	60.91	-	-	A	H
		11100	51	-23	74	59.81	38.6	13.57	60.98	200	68	P	H
		11100	40.56	-13.44	54	49.37	38.6	13.57	60.98	200	68	A	H
		14491	50.28	-23.72	74	58.4	40.51	14.85	63.48	-	-	P	H
		14491	40.5	-13.5	54	48.62	40.51	14.85	63.48	-	-	A	H
		16650	49.5	-18.7	68.2	53.78	38.35	16.22	58.85	-	-	P	H
		17956	55.67	-18.33	74	53.18	42.7	17.02	57.23	-	-	P	H
		17956	45.89	-8.11	54	43.4	42.7	17.02	57.23	-	-	A	H
													H
													H
													H
		10784	51.3	-22.7	74	59.83	38.97	13.41	60.91	-	-	P	V
		10784	41.52	-12.48	54	50.05	38.97	13.41	60.91	-	-	A	V
		11100	52.12	-21.88	74	60.93	38.6	13.57	60.98	200	298	P	V
		11100	41.29	-12.71	54	50.1	38.6	13.57	60.98	200	298	A	V
		14480	50.26	-23.74	74	58.37	40.52	14.84	63.47	-	-	P	V
		14480	41.48	-12.52	54	49.59	40.52	14.84	63.47	-	-	A	V
		16650	50.34	-17.86	68.2	54.62	38.35	16.22	58.85	-	-	P	V
		17923	55.63	-18.37	74	53.49	42.41	17	57.27	-	-	P	V
	17923	45.85	-8.15	54	43.71	42.41	17	57.27	-	-	A	V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		5455.84	60.1	-13.9	74	54.67	32.71	9.45	36.73	242	239	P	H
		5469.52	64.24	-3.96	68.2	58.76	32.74	9.47	36.73	242	239	P	H
		5459.92	43.95	-10.05	54	38.5	32.72	9.46	36.73	242	239	A	H
	*	5510	108.23	-	-	102.65	32.8	9.5	36.72	242	239	P	H
	*	5510	98.82	-	-	93.24	32.8	9.5	36.72	242	239	A	H
		5760.59	50.23	-17.97	68.2	43.95	33.46	9.72	36.9	242	239	P	H
		5456.56	56.89	-17.11	74	51.46	32.71	9.45	36.73	100	270	P	V
		5470	61.71	-6.49	68.2	56.22	32.74	9.47	36.72	100	270	P	V
		5459.92	41.98	-12.02	54	36.53	32.72	9.46	36.73	100	270	A	V
	*	5510	105.85	-	-	100.27	32.8	9.5	36.72	100	270	P	V
	*	5510	95.94	-	-	90.36	32.8	9.5	36.72	100	270	A	V
		5761.535	48.41	-19.79	68.2	42.12	33.47	9.72	36.9	100	270	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5376.25	47.13	-26.87	74	41.8	32.7	9.4	36.77	100	280	P	H
		5463.75	46.23	-21.97	68.2	40.77	32.73	9.46	36.73	100	280	P	H
		5459.9	36.78	-17.22	54	31.33	32.72	9.46	36.73	100	280	A	H
	*	5670	96.98	-	-	91.12	33.04	9.65	36.83	100	280	P	H
	*	5670	87.82	-	-	81.96	33.04	9.65	36.83	100	280	A	H
		5756.95	46.75	-21.45	68.2	40.49	33.44	9.72	36.9	100	280	P	H
		5373.8	47.74	-26.26	74	42.41	32.7	9.4	36.77	300	284	P	V
		5470	47.68	-20.52	68.2	42.19	32.74	9.47	36.72	300	284	P	V
		5448.7	36.89	-17.11	54	31.48	32.7	9.45	36.74	300	284	A	V
	*	5670	110.86	-	-	105	33.04	9.65	36.83	300	284	P	V
	*	5670	99.31	-	-	93.45	33.04	9.65	36.83	300	284	A	V
		5725.275	52.5	-15.7	68.2	46.43	33.25	9.69	36.87	300	284	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 102 5510MHz		5455.12	59.41	-14.59	74	53.98	32.71	9.45	36.73	200	240	P	H
		5469.28	62.65	-5.55	68.2	57.17	32.74	9.47	36.73	200	240	P	H
		5459.92	46.81	-7.19	54	41.36	32.72	9.46	36.73	200	240	A	H
	*	5510	107.4	-	-	101.82	32.8	9.5	36.72	200	240	P	H
	*	5510	98.11	-	-	92.53	32.8	9.5	36.72	200	240	A	H
		5760.275	47.89	-20.31	68.2	41.61	33.46	9.72	36.9	200	240	P	H
		5456.32	57.67	-16.33	74	52.24	32.71	9.45	36.73	209	265	P	V
		5462.08	63.28	-4.92	68.2	57.83	32.72	9.46	36.73	209	265	P	V
		5459.92	43.08	-10.92	54	37.63	32.72	9.46	36.73	209	265	A	V
	*	5510	105.41	-	-	99.83	32.8	9.5	36.72	209	265	P	V
	*	5510	96.35	-	-	90.77	32.8	9.5	36.72	209	265	A	V
		5760.59	46.76	-21.44	68.2	40.48	33.46	9.72	36.9	209	265	P	V
802.11ax HE40 Partial 484/65 CH 134 5670MHz		5381.5	47.2	-26.8	74	41.87	32.7	9.4	36.77	100	221	P	H
		5464.1	47.97	-20.23	68.2	42.51	32.73	9.46	36.73	100	221	P	H
		5458.5	37.2	-16.8	54	31.75	32.72	9.46	36.73	100	221	A	H
	*	5670	107.35	-	-	101.49	33.04	9.65	36.83	100	221	P	H
	*	5670	97.52	-	-	91.66	33.04	9.65	36.83	100	221	A	H
		5725.625	56.17	-12.03	68.2	50.1	33.25	9.69	36.87	100	221	P	H
		5442.05	46.59	-27.41	74	41.19	32.7	9.44	36.74	300	283	P	V
		5463.4	47.46	-20.74	68.2	42	32.73	9.46	36.73	300	283	P	V
		5459.9	37.19	-16.81	54	31.74	32.72	9.46	36.73	300	283	A	V
	*	5670	108.78	-	-	102.92	33.04	9.65	36.83	300	283	P	V
	*	5670	99.03	-	-	93.17	33.04	9.65	36.83	300	283	A	V
		5725.45	57.22	-10.98	68.2	51.15	33.25	9.69	36.87	300	283	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5451.28	61.23	-12.77	74	55.01	32.7	10.25	36.73	226	243	P	H
		5470	62.47	-5.73	68.2	56.18	32.74	10.27	36.72	226	243	P	H
		5459.92	49.48	-4.52	54	43.23	32.72	10.26	36.73	226	243	A	H
	*	5530	107.32	-	-	100.93	32.8	10.32	36.73	226	243	P	H
	*	5530	97.33	-	-	90.94	32.8	10.32	36.73	226	243	A	H
		5760.905	49.67	-18.53	68.2	42.54	33.47	10.56	36.9	226	243	P	H
		5459.44	59.55	-14.45	74	53.3	32.72	10.26	36.73	115	277	P	V
		5469.28	61.54	-6.66	68.2	55.26	32.74	10.27	36.73	115	277	P	V
		5459.92	47.86	-6.14	54	41.61	32.72	10.26	36.73	115	277	A	V
	*	5530	105.11	-	-	98.72	32.8	10.32	36.73	115	277	P	V
	*	5530	95.36	-	-	88.97	32.8	10.32	36.73	115	277	A	V
		5752.4	49.24	-18.96	68.2	42.17	33.41	10.55	36.89	115	277	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 106 5530MHz		5435.5	60.61	-13.39	74	55.22	32.7	9.43	36.74	248	240	P	H
		5470	62.1	-6.1	68.2	56.61	32.74	9.47	36.72	248	240	P	H
		5460	46.11	-7.89	54	40.66	32.72	9.46	36.73	248	240	A	H
	*	5530	107.41	-	-	101.82	32.8	9.52	36.73	248	240	P	H
	*	5530	98.91	-	-	93.32	32.8	9.52	36.73	248	240	A	H
		5758.07	49.83	-18.37	68.2	43.56	33.45	9.72	36.9	248	240	P	H
		5436.7	57.61	-16.39	74	52.22	32.7	9.43	36.74	100	277	P	V
		5466.1	60.81	-7.39	68.2	55.35	32.73	9.46	36.73	100	277	P	V
		5460	43.61	-10.39	54	38.16	32.72	9.46	36.73	100	277	A	V
	*	5530	105.32	-	-	99.73	32.8	9.52	36.73	100	277	P	V
	*	5530	96.22	-	-	90.63	32.8	9.52	36.73	100	277	A	V
		5763.74	48.44	-19.76	68.2	42.14	33.48	9.72	36.9	100	277	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 996/67 CH 106 5530MHz		5460	61.42	-12.58	74	55.97	32.72	9.46	36.73	100	236	P	H
		5469.4	61.24	-6.96	68.2	55.76	32.74	9.47	36.73	100	236	P	H
		5460	50.76	-3.24	54	45.31	32.72	9.46	36.73	100	236	A	H
	*	5530	104.47	-	-	98.88	32.8	9.52	36.73	100	236	P	H
	*	5530	95.03	-	-	89.44	32.8	9.52	36.73	100	236	A	H
		5760.59	49.54	-18.66	68.2	43.26	33.46	9.72	36.9	100	236	P	H
		5459.999	58.68	-15.32	74	53.23	32.72	9.46	36.73	100	271	P	V
		5460.4	59	-9.2	68.2	53.55	32.72	9.46	36.73	100	271	P	V
		5460	48.63	-5.37	54	43.18	32.72	9.46	36.73	100	271	A	V
	*	5530	93.15	-	-	87.56	32.8	9.52	36.73	100	271	P	V
	*	5530	102.53	-	-	96.94	32.8	9.52	36.73	100	271	A	V
		5759.645	49.08	-19.12	68.2	42.8	33.46	9.72	36.9	100	271	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission above 18GHz

WIFI 802.11ax HE80 Full (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full SHF		23200	41.8	-32.2	74	59.79	38.9	-2.71	54.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39944	47.17	-26.83	74	58.64	44.5	-0.11	55.86	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full LF		68.8	28.63	-11.37	40	47.89	12.19	1.06	32.51	-	-	P	H
		99.84	36.92	-6.58	43.5	52.38	15.78	1.23	32.47	-	-	P	H
		158.04	35.76	-7.74	43.5	49.94	16.58	1.69	32.45	-	-	P	H
		242.43	27.39	-18.61	46	40.45	17.34	2.06	32.46	-	-	P	H
		711.91	32.38	-13.62	46	34.94	26.47	3.34	32.37	-	-	P	H
		928.22	31.61	-14.39	46	29.68	29.39	3.89	31.35	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		31.94	33.29	-6.71	40	41.56	23.52	0.7	32.49	100	333	Q	V
		59.1	34.27	-5.73	40	54.1	11.73	0.99	32.55	200	151	Q	V
		98.87	30.39	-13.11	43.5	45.95	15.69	1.22	32.47	-	-	P	V
		157.07	30.96	-12.54	43.5	45.14	16.6	1.68	32.46	-	-	P	V
		713.85	32.94	-13.06	46	35.42	26.55	3.34	32.37	-	-	P	V
		956.35	33.66	-12.34	46	29.93	30.93	3.97	31.17	-	-	P	V
													V
													V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



MIMO <Ant.5+6>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
5+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.72	56.89	-17.11	74	50.87	32.91	10	36.89	111	295	P	H
		5150	46.25	-7.75	54	40.23	32.9	10	36.88	111	295	A	H
	*	5180	111.08	-	-	105.08	32.84	10.03	36.87	111	295	P	H
	*	5180	101.99	-	-	95.99	32.84	10.03	36.87	111	295	A	H
													H
													H
		5150	55.85	-18.15	74	49.83	32.9	10	36.88	400	116	P	V
		5150	44.85	-9.15	54	38.83	32.9	10	36.88	400	116	A	V
	*	5180	111.01	-	-	105.01	32.84	10.03	36.87	400	116	P	V
	*	5180	101.38	-	-	95.38	32.84	10.03	36.87	400	116	A	V
													V
													V
802.11a CH 44 5220MHz		5066.56	48.74	-25.26	74	42.86	32.9	9.91	36.93	100	296	P	H
		5072.8	39.13	-14.87	54	33.19	32.94	9.92	36.92	100	296	A	H
	*	5220	111.57	-	-	105.51	32.84	10.07	36.85	100	296	P	H
	*	5220	103.58	-	-	97.52	32.84	10.07	36.85	100	296	A	H
		5384.12	47.42	-26.58	74	41.29	32.7	10.2	36.77	100	296	P	H
		5358.92	37.69	-16.31	54	31.59	32.7	10.18	36.78	100	296	A	H
		5030.94	48.33	-25.67	74	42.52	32.88	9.87	36.94	394	114	P	V
		5072.8	39.07	-14.93	54	33.13	32.94	9.92	36.92	394	114	A	V
	*	5220	111.01	-	-	104.95	32.84	10.07	36.85	394	114	P	V
	*	5220	103.4	-	-	97.34	32.84	10.07	36.85	394	114	A	V
		5364.24	46.66	-27.34	74	40.56	32.7	10.18	36.78	394	114	P	V
		5350.8	37.43	-16.57	54	31.34	32.7	10.17	36.78	394	114	A	V



802.11a CH 48 5240MHz		5061.62	47.51	-26.49	74	41.67	32.87	9.9	36.93	133	278	P	H
		5091	38.24	-15.76	54	32.16	33.05	9.94	36.91	133	278	A	H
	*	5240	108.73	-	-	102.61	32.88	10.08	36.84	133	278	P	H
	*	5240	101.13	-	-	95.01	32.88	10.08	36.84	133	278	A	H
		5421.08	47.08	-26.92	74	40.9	32.7	10.23	36.75	133	278	P	H
		5358.92	37.58	-16.42	54	31.48	32.7	10.18	36.78	133	278	A	H
		5093.6	48	-26	74	41.91	33.06	9.94	36.91	392	118	P	V
		5085.54	38.79	-15.21	54	32.77	33.01	9.93	36.92	392	118	A	V
	*	5240	111.15	-	-	105.03	32.88	10.08	36.84	392	118	P	V
	*	5240	103.66	-	-	97.54	32.88	10.08	36.84	392	118	A	V
		5455.52	47.96	-26.04	74	41.72	32.71	10.26	36.73	392	118	P	V
		5358.64	37.51	-16.49	54	31.41	32.7	10.18	36.78	392	118	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.49	-19.71	68.2	57.5	38.46	13.12	60.59	-	-	P	H
		10784	52.09	-21.91	74	60.62	38.97	13.41	60.91	-	-	P	H
		10784	40.65	-13.35	54	49.18	38.97	13.41	60.91	-	-	A	H
		14499	51.72	-22.28	74	59.86	40.5	14.85	63.49	-	-	P	H
		14499	41.24	-12.76	54	49.38	40.5	14.85	63.49	-	-	A	H
		15540	55.02	-18.98	74	63.79	38.12	15.44	62.33	100	74	P	H
		15540	46.35	-7.65	54	55.12	38.12	15.44	62.33	100	74	A	H
		17989	56.82	-17.18	74	53.96	43	17.04	57.18	-	-	P	H
		17989	46.47	-7.53	54	43.61	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10360	49.24	-18.96	68.2	58.25	38.46	13.12	60.59	-	-	P	V
		10773	51.17	-22.83	74	59.72	38.95	13.4	60.9	-	-	P	V
		10773	40.66	-13.34	54	49.21	38.95	13.4	60.9	-	-	A	V
		14499	51.49	-22.51	74	59.63	40.5	14.85	63.49	-	-	P	V
		14499	40.98	-13.02	54	49.12	40.5	14.85	63.49	-	-	A	V
		15540	56.8	-17.2	74	65.57	38.12	15.44	62.33	100	131	P	V
		15540	48.09	-5.91	54	56.86	38.12	15.44	62.33	100	131	A	V
		18000	56.91	-17.09	74	53.93	43.1	17.05	57.17	-	-	P	V
		18000	46.36	-7.64	54	43.38	43.1	17.05	57.17	-	-	A	V
													V
													V
													V



WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	51.36	-16.84	68.2	60.39	38.46	13.18	60.67	100	30	P	H
		10828	50.94	-23.06	74	59.52	38.92	13.43	60.93			P	H
		10828	40.45	-13.55	54	49.03	38.92	13.43	60.93			A	H
		14491	51.35	-22.65	74	59.47	40.51	14.85	63.48			P	H
		14491	40.84	-13.16	54	48.96	40.51	14.85	63.48			A	H
		15660	55.47	-18.53	74	63.86	37.82	15.48	61.69	100	330	P	H
		15660	46.93	-7.07	54	55.32	37.82	15.48	61.69	100	330	A	H
		17989	55.63	-18.37	74	52.77	43	17.04	57.18	-	-	P	H
		17989	45.14	-8.86	54	42.28	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10440	55.3	-12.9	68.2	64.33	38.46	13.18	60.67	100	310	P	V
		10663	51.78	-22.22	74	60.48	38.8	13.33	60.83	-	-	P	V
		10663	40.25	-13.75	54	48.95	38.8	13.33	60.83	-	-	A	V
		14499	52.12	-21.88	74	60.26	40.5	14.85	63.49	-	-	P	V
		14499	41.59	-12.41	54	49.73	40.5	14.85	63.49	-	-	A	V
		15660	57.1	-16.9	74	65.49	37.82	15.48	61.69	100	211	P	V
		15660	48.5	-5.5	54	56.89	37.82	15.48	61.69	100	211	A	V
		17989	55.79	-18.21	74	52.93	43	17.04	57.18	-	-	P	V
		17989	45.32	-8.68	54	42.46	43	17.04	57.18	-	-	A	V
													V
													V
													V



WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	51.5	-16.7	68.2	60.58	38.42	13.21	60.71	100	31	P	H
		10773	51.11	-22.89	74	59.66	38.95	13.4	60.9	-	-	P	H
		10773	40.6	-13.4	54	49.15	38.95	13.4	60.9	-	-	A	H
		14480	51.45	-22.55	74	59.56	40.52	14.84	63.47	-	-	P	H
		14480	40.97	-13.03	54	49.08	40.52	14.84	63.47	-	-	A	H
		15720	52.48	-21.52	74	60.72	37.64	15.49	61.37	100	0	P	H
		15720	41.45	-12.55	54	49.69	37.64	15.49	61.37	100	0	A	H
		17945	55.53	-18.47	74	53.16	42.6	17.01	57.24	-	-	P	H
		17945	45.05	-8.95	54	42.68	42.6	17.01	57.24	-	-	A	H
													H
													H
													H
		10480	53.28	-14.92	68.2	62.36	38.42	13.21	60.71	100	315	P	V
		10806	51.64	-22.36	74	60.16	38.98	13.42	60.92	-	-	P	V
		10806	41.04	-12.96	54	49.56	38.98	13.42	60.92	-	-	A	V
		14499	51.49	-22.51	74	59.63	40.5	14.85	63.49	-	-	P	V
		14499	41.01	-12.99	54	49.15	40.5	14.85	63.49	-	-	A	V
		15720	56.44	-17.56	74	64.68	37.64	15.49	61.37	100	132	P	V
		15720	44.82	-9.18	54	53.06	37.64	15.49	61.37	100	132	A	V
		17978	55.92	-18.08	74	53.18	42.9	17.04	57.2	-	-	P	V
		17978	45.39	-8.61	54	42.65	42.9	17.04	57.2	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5146.9	57.35	-16.65	74	51.96	32.91	9.37	36.89	100	327	P	H
		5150	47.49	-6.51	54	42.1	32.9	9.37	36.88	100	327	A	H
	*	5180	113.19	-	-	107.83	32.84	9.39	36.87	100	327	P	H
	*	5180	101.9	-	-	96.54	32.84	9.39	36.87	100	327	A	H
													H
													H
		5148.72	56.92	-17.08	74	51.53	32.91	9.37	36.89	339	124	P	V
		5150	47.13	-6.87	54	41.74	32.9	9.37	36.88	339	124	A	V
	*	5180	113.85	-	-	108.49	32.84	9.39	36.87	339	124	P	V
	*	5180	103.62	-	-	98.26	32.84	9.39	36.87	339	124	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 44 5220MHz		10440	53.63	-14.57	68.2	62.66	38.46	13.18	60.67	100	33	P	H
		10795	52.79	-21.21	74	61.3	38.99	13.41	60.91	-	-	P	H
		10795	42.71	-11.29	54	51.22	38.99	13.41	60.91	-	-	A	H
		14480	51.25	-22.75	74	59.36	40.52	14.84	63.47	-	-	P	H
		14480	41.21	-12.79	54	49.32	40.52	14.84	63.47	-	-	A	H
		15660	50.82	-23.18	74	59.21	37.82	15.48	61.69	100	21	P	H
		15660	41.44	-12.56	54	49.83	37.82	15.48	61.69	100	21	A	H
		18000	56.26	-17.74	74	53.28	43.1	17.05	57.17	-	-	P	H
		18000	46.19	-7.81	54	43.21	43.1	17.05	57.17	-	-	A	H
													H
													H
													H
		10440	56.36	-11.84	68.2	65.39	38.46	13.18	60.67	100	320	P	V
		10784	51.72	-22.28	74	60.25	38.97	13.41	60.91	-	-	P	V
		10784	41.25	-12.75	54	49.78	38.97	13.41	60.91	-	-	A	V
		14499	50.99	-23.01	74	59.13	40.5	14.85	63.49	-	-	P	V
		14499	40.48	-13.52	54	48.62	40.5	14.85	63.49	-	-	A	V
		15660	54.91	-19.09	74	63.3	37.82	15.48	61.69	100	181	P	V
		15660	45.51	-8.49	54	53.9	37.82	15.48	61.69	100	181	A	V
		17912	56.61	-17.39	74	54.61	42.31	16.98	57.29	-	-	P	V
		17912	46.14	-7.86	54	44.14	42.31	16.98	57.29	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5149.24	61.06	-12.94	74	55.68	32.9	9.37	36.89	306	263	P	H
		5146.38	41.31	-12.69	54	35.92	32.91	9.37	36.89	306	263	A	H
	*	5180	114.52	-	-	109.16	32.84	9.39	36.87	306	263	P	H
	*	5180	105.43	-	-	100.07	32.84	9.39	36.87	306	263	A	H
													H
													H
		5149.5	59.24	-14.76	74	53.86	32.9	9.37	36.89	400	114	P	V
		5150	42.61	-11.39	54	37.22	32.9	9.37	36.88	400	114	A	V
	*	5180	114.21	-	-	108.85	32.84	9.39	36.87	400	114	P	V
	*	5180	105.8	-	-	100.44	32.84	9.39	36.87	400	114	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 36 5180MHz		5150	65.01	-8.99	74	59.62	32.9	9.37	36.88	100	23	P	H
		5150	51.03	-2.97	54	45.64	32.9	9.37	36.88	100	23	A	H
	*	5180	111.84	-	-	106.48	32.84	9.39	36.87	100	23	P	H
	*	5180	102.9	-	-	97.54	32.84	9.39	36.87	100	23	A	H
													H
													H
		5148.98	62.89	-11.11	74	57.51	32.9	9.37	36.89	100	275	P	V
		5148.98	48.54	-5.46	54	43.16	32.9	9.37	36.89	100	275	A	V
	*	5180	109.85	-	-	104.49	32.84	9.39	36.87	100	275	P	V
	*	5180	99.98	-	-	94.62	32.84	9.39	36.87	100	275	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5148.2	64.8	-9.2	74	58.78	32.91	10	36.89	112	55	P	H
		5150	50.44	-3.56	54	44.42	32.9	10	36.88	112	55	A	H
	*	5190	109.04	-	-	103.04	32.82	10.04	36.86	112	55	P	H
	*	5190	98.44	-	-	92.44	32.82	10.04	36.86	112	55	A	H
		5364.8	47.39	-26.61	74	41.29	32.7	10.18	36.78	112	55	P	H
		5351.36	37.92	-16.08	54	31.83	32.7	10.17	36.78	112	55	A	H
		5146.38	62.2	-11.8	74	56.19	32.91	9.99	36.89	398	110	P	V
		5150.02	48.53	-101.47	150	42.51	32.9	10	36.88	398	110	A	V
	*	5190	108.97	-	-	102.97	32.82	10.04	36.86	398	110	P	V
	*	5190	99.85	-	-	93.85	32.82	10.04	36.86	398	110	A	V
		5394.2	47.65	-26.35	74	41.5	32.7	10.21	36.76	398	110	P	V
		5350	37.86	-16.14	54	31.77	32.7	10.17	36.78	398	110	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 46 5230MHz		10460	52.51	-15.69	68.2	61.56	38.44	13.2	60.69	100	28	P	H
		10784	51.99	-22.01	74	60.52	38.97	13.41	60.91	-	-	P	H
		10784	41.98	-12.02	54	50.51	38.97	13.41	60.91	-	-	A	H
		14471	51.48	-22.52	74	59.57	40.53	14.84	63.46	-	-	P	H
		14471	41.43	-12.57	54	49.52	40.53	14.84	63.46	-	-	A	H
		15690	50.82	-23.18	74	59.14	37.73	15.48	61.53	100	22	P	H
		15690	39.97	-14.03	54	48.29	37.73	15.48	61.53	100	22	A	H
		17901	56.02	-17.98	74	54.13	42.21	16.98	57.3	-	-	P	H
		17901	46.01	-7.99	54	44.12	42.21	16.98	57.3	-	-	A	H
													H
													H
													H
		10460	53.78	-14.42	68.2	62.83	38.44	13.2	60.69	100	309	P	V
		10806	51.3	-22.7	74	59.82	38.98	13.42	60.92	-	-	P	V
		10806	41.29	-12.71	54	49.81	38.98	13.42	60.92	-	-	A	V
		14499	52.02	-21.98	74	60.16	40.5	14.85	63.49	-	-	P	V
		14499	42.01	-11.99	54	50.15	40.5	14.85	63.49	-	-	A	V
		15690	51.86	-22.14	74	60.18	37.73	15.48	61.53	100	191	P	V
		15690	43.52	-10.48	54	51.84	37.73	15.48	61.53	100	191	A	V
		17989	55.97	-18.03	74	53.11	43	17.04	57.18	-	-	P	V
		17989	46.02	-7.98	54	43.16	43	17.04	57.18	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5148.2	65.22	-8.78	74	59.83	32.91	9.37	36.89	100	65	P	H
		5148.2	44.05	-9.95	54	38.66	32.91	9.37	36.89	100	65	A	H
	*	5190	109.26	-	-	103.9	32.82	9.4	36.86	100	65	P	H
	*	5190	98.73	-	-	93.37	32.82	9.4	36.86	100	65	A	H
		5390.56	47.98	-26.02	74	42.64	32.7	9.4	36.76	100	65	P	H
		5351.36	37.27	-16.73	54	31.95	32.7	9.4	36.78	100	65	A	H
		5148.2	62.53	-11.47	74	57.14	32.91	9.37	36.89	322	111	P	V
		5148.2	38.84	-15.16	54	33.45	32.91	9.37	36.89	322	111	A	V
	*	5190	107.69	-	-	102.33	32.82	9.4	36.86	322	111	P	V
	*	5190	97.91	-	-	92.55	32.82	9.4	36.86	322	111	A	V
		5375.72	48.41	-25.59	74	43.08	32.7	9.4	36.77	322	111	P	V
		5351.64	37.15	-16.85	54	31.83	32.7	9.4	36.78	322	111	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 38 5190MHz		5148.2	67.23	-6.77	74	61.84	32.91	9.37	36.89	100	55	P	H
		5149.76	50.03	-3.97	54	44.65	32.9	9.37	36.89	100	55	A	H
	*	5190	106.13	-	-	100.77	32.82	9.4	36.86	100	55	P	H
	*	5190	96.13	-	-	90.77	32.82	9.4	36.86	100	55	A	H
		5359.76	47.79	-26.21	74	42.47	32.7	9.4	36.78	100	55	P	H
		5351.36	37.57	-16.43	54	32.25	32.7	9.4	36.78	100	55	A	H
		5147.94	64.08	-9.92	74	58.69	32.91	9.37	36.89	300	116	P	V
		5145.6	45.91	-8.09	54	40.51	32.92	9.37	36.89	300	116	A	V
	*	5190	105.31	-	-	99.95	32.82	9.4	36.86	300	116	P	V
	*	5190	95.47	-	-	90.11	32.82	9.4	36.86	300	116	A	V
		5441.52	47.55	-26.45	74	42.15	32.7	9.44	36.74	300	116	P	V
		5355.84	37.29	-16.71	54	31.97	32.7	9.4	36.78	300	116	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5138.06	63.44	-10.56	74	57.4	32.95	9.98	36.89	106	293	P	H
		5144.56	49.24	-4.76	54	43.22	32.92	9.99	36.89	106	293	A	H
	*	5210	104.69	-	-	98.66	32.82	10.06	36.85	106	293	P	H
	*	5210	93.96	-	-	87.93	32.82	10.06	36.85	106	293	A	H
		5364.52	49.75	-24.25	74	43.65	32.7	10.18	36.78	106	293	P	H
		5350	39.02	-14.98	54	32.93	32.7	10.17	36.78	106	293	A	H
		5145.86	63.23	-10.77	74	57.21	32.92	9.99	36.89	318	116	P	V
		5144.04	49.27	-4.73	54	43.25	32.92	9.99	36.89	318	116	A	V
	*	5210	106.28	-	-	100.25	32.82	10.06	36.85	318	116	P	V
	*	5210	96.38	-	-	90.35	32.82	10.06	36.85	318	116	A	V
		5353.88	50.49	-23.51	74	44.4	32.7	10.17	36.78	318	116	P	V
		5350	40.18	-13.82	54	34.09	32.7	10.17	36.78	318	116	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5148.2	69.15	-4.85	74	63.76	32.91	9.37	36.89	100	68	P	H
		5150	51.55	-2.45	54	46.16	32.9	9.37	36.88	100	68	A	H
	*	5210	107.58	-	-	102.2	32.82	9.41	36.85	100	68	P	H
	*	5210	97.95	-	-	92.57	32.82	9.41	36.85	100	68	A	H
		5448.24	48.37	-25.63	74	42.96	32.7	9.45	36.74	100	68	P	H
		5363.4	38.59	-15.41	54	33.27	32.7	9.4	36.78	100	68	A	H
		5147.94	66.21	-7.79	74	60.82	32.91	9.37	36.89	300	110	P	V
		5147.94	47.05	-6.95	54	41.66	32.91	9.37	36.89	300	110	A	V
	*	5210	105.13	-	-	99.75	32.82	9.41	36.85	300	110	P	V
	*	5210	95.45	-	-	90.07	32.82	9.41	36.85	300	110	A	V
		5403.72	47.16	-26.84	74	41.82	32.7	9.4	36.76	300	110	P	V
		5410.72	37.61	-16.39	54	32.25	32.7	9.41	36.75	300	110	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 996/67 CH 42 5210MHz		5148.2	68.8	-5.2	74	63.41	32.91	9.37	36.89	300	301	P	H
		5145.34	51.35	-2.65	54	45.95	32.92	9.37	36.89	300	301	A	H
	*	5210	103.78	-	-	98.4	32.82	9.41	36.85	300	301	P	H
	*	5210	93.45	-	-	88.07	32.82	9.41	36.85	300	301	A	H
		5385.52	50.13	-23.87	74	44.8	32.7	9.4	36.77	300	301	P	H
		5350	38.82	-15.18	54	33.5	32.7	9.4	36.78	300	301	A	H
		5148.2	67.96	-6.04	74	62.57	32.91	9.37	36.89	328	126	P	V
		5145.6	51.36	-2.64	54	45.96	32.92	9.37	36.89	328	126	A	V
	*	5210	102.65	-	-	97.27	32.82	9.41	36.85	328	126	P	V
	*	5210	92.06	-	-	86.68	32.82	9.41	36.85	328	126	A	V
		5440.96	48.64	-25.36	74	43.24	32.7	9.44	36.74	328	126	P	V
		5350	38.19	-15.81	54	32.87	32.7	9.4	36.78	328	126	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5124.54	61.03	-12.97	74	54.96	33	9.97	36.9	118	264	P	H
		5118.56	50.86	-3.14	54	44.77	33.03	9.96	36.9	118	264	A	H
	*	5250	103.78	-	-	97.62	32.9	10.09	36.83	118	264	P	H
	*	5250	93.35	-	-	87.19	32.9	10.09	36.83	118	264	A	H
		5391.4	60.05	-13.95	74	53.91	32.7	10.2	36.76	118	264	P	H
		5352.2	51.6	-2.4	54	45.51	32.7	10.17	36.78	118	264	A	H
		5121.68	59.49	-14.51	74	53.41	33.01	9.97	36.9	293	117	P	V
		5122.2	49.84	-4.16	54	43.76	33.01	9.97	36.9	293	117	A	V
	*	5250	102.51	-	-	96.35	32.9	10.09	36.83	293	117	P	V
	*	5250	92.57	-	-	86.41	32.9	10.09	36.83	293	117	A	V
		5365.36	59.95	-14.05	74	53.85	32.7	10.18	36.78	293	117	P	V
		5364.8	51.72	-2.28	54	45.62	32.7	10.18	36.78	293	117	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 996/67 CH 50 5250MHz		5125.58	65.77	-8.23	74	60.32	33	9.35	36.9	100	59	P	H
		5125.32	49.93	-4.07	54	44.48	33	9.35	36.9	100	59	A	H
	*	5250	102.37	-	-	96.89	32.9	9.41	36.83	100	59	P	H
	*	5250	92.24	-	-	86.76	32.9	9.41	36.83	100	59	A	H
		5396.44	66.55	-7.45	74	61.21	32.7	9.4	36.76	100	59	P	H
		5395.88	50.8	-3.2	54	45.46	32.7	9.4	36.76	100	59	A	H
		5121.42	65.17	-8.83	74	59.71	33.01	9.35	36.9	274	127	P	V
		5121.42	49.89	-4.11	54	44.43	33.01	9.35	36.9	274	127	A	V
	*	5250	99.97	-	-	94.49	32.9	9.41	36.83	274	127	P	V
	*	5250	90.75	-	-	85.27	32.9	9.41	36.83	274	127	A	V
		5391.96	62.82	-11.18	74	57.48	32.7	9.4	36.76	274	127	P	V
		5391.96	47.27	-6.73	54	41.93	32.7	9.4	36.76	274	127	A	V
802.11ax HE160 Partial 996/S67 CH 50 5250MHz		5128.18	65.19	-8.81	74	59.75	32.99	9.35	36.9	100	55	P	H
		5125.58	49.81	-4.19	54	44.36	33	9.35	36.9	100	55	A	H
	*	5250	101.96	-	-	96.48	32.9	9.41	36.83	100	55	P	H
	*	5250	92.23	-	-	86.75	32.9	9.41	36.83	100	55	A	H
		5396.16	67.28	-6.72	74	61.94	32.7	9.4	36.76	100	55	P	H
		5395.88	51.28	-2.72	54	45.94	32.7	9.4	36.76	100	55	A	H
		5128.18	64.12	-9.88	74	58.68	32.99	9.35	36.9	302	114	P	V
		5121.42	47.83	-6.17	54	42.37	33.01	9.35	36.9	302	114	A	V
	*	5250	100.81	-	-	95.33	32.9	9.41	36.83	302	114	P	V
	*	5250	90.65	-	-	85.17	32.9	9.41	36.83	302	114	A	V
		5392.24	64.24	-9.76	74	58.9	32.7	9.4	36.76	302	114	P	V
		5391.96	48.91	-5.09	54	43.57	32.7	9.4	36.76	302	114	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial 1992/68 CH 50 5250MHz		5128.18	66.05	-7.95	74	60.61	32.99	9.35	36.9	100	63	P	H
		5127.92	50.54	-3.46	54	45.1	32.99	9.35	36.9	100	63	A	H
	*	5250	99.08	-	-	93.6	32.9	9.41	36.83	100	63	P	H
	*	5250	89.49	-	-	84.01	32.9	9.41	36.83	100	63	A	H
		5398.96	66.13	-7.87	74	60.79	32.7	9.4	36.76	100	63	P	H
		5394.76	51.05	-2.95	54	45.71	32.7	9.4	36.76	100	63	A	H
		5121.42	64.99	-9.01	74	59.53	33.01	9.35	36.9	277	125	P	V
		5121.16	50.51	-3.49	54	45.04	33.02	9.35	36.9	277	125	A	V
	*	5250	98.32	-	-	92.84	32.9	9.41	36.83	277	125	P	V
	*	5250	87.66	-	-	82.18	32.9	9.41	36.83	277	125	A	V
		5396.44	62.96	-11.04	74	57.62	32.7	9.4	36.76	277	125	P	V
		5391.96	48.45	-5.55	54	43.11	32.7	9.4	36.76	277	125	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5112.88	47.9	-26.1	74	41.79	33.05	9.96	36.9	100	288	P	H
		5109.14	38.4	-15.6	54	32.3	33.06	9.95	36.91	100	288	A	H
	*	5260	109.73	-	-	103.56	32.9	10.1	36.83	100	288	P	H
	*	5260	102.21	-	-	96.04	32.9	10.1	36.83	100	288	A	H
		5352	47.18	-26.82	74	41.09	32.7	10.17	36.78	100	288	P	H
		5351.04	37.8	-16.2	54	31.71	32.7	10.17	36.78	100	288	A	H
		5101.66	48.54	-25.46	74	42.41	33.09	9.95	36.91	325	120	P	V
		5105.74	39.12	-14.88	54	33	33.08	9.95	36.91	325	120	A	V
	*	5260	111.58	-	-	105.41	32.9	10.1	36.83	325	120	P	V
	*	5260	104.13	-	-	97.96	32.9	10.1	36.83	325	120	A	V
		5408.16	47.21	-26.79	74	41.05	32.7	10.22	36.76	325	120	P	V
		5352	37.73	-16.27	54	31.64	32.7	10.17	36.78	325	120	A	V
802.11a CH 60 5300MHz		5143.82	48.28	-25.72	74	42.26	32.92	9.99	36.89	100	61	P	H
		5145.52	39.01	-14.99	54	32.99	32.92	9.99	36.89	100	61	A	H
	*	5300	110.94	-	-	104.72	32.9	10.13	36.81	100	61	P	H
	*	5300	103.54	-	-	97.32	32.9	10.13	36.81	100	61	A	H
		5353.92	48.65	-25.35	74	42.56	32.7	10.17	36.78	100	61	P	H
		5350.32	39.24	-14.76	54	33.15	32.7	10.17	36.78	100	61	A	H
		5139.06	47.62	-26.38	74	41.58	32.94	9.99	36.89	400	102	P	V
		5145.52	37.84	-16.16	54	31.82	32.92	9.99	36.89	400	102	A	V
	*	5300	108.92	-	-	102.7	32.9	10.13	36.81	400	102	P	V
	*	5300	101.58	-	-	95.36	32.9	10.13	36.81	400	102	A	V
		5364.96	47.66	-26.34	74	41.56	32.7	10.18	36.78	400	102	P	V
		5350.08	38.53	-15.47	54	32.44	32.7	10.17	36.78	400	102	A	V



802.11a CH 64 5320MHz	*	5320	111.28	-	-	105.11	32.82	10.15	36.8	101	55	P	H
	*	5320	103.16	-	-	96.99	32.82	10.15	36.8	101	55	A	H
		5350.56	50.71	-23.29	74	44.62	32.7	10.17	36.78	101	55	P	H
		5350.72	40.74	-13.26	54	34.65	32.7	10.17	36.78	101	55	A	H
													H
													H
	*	5320	110.19	-	-	104.02	32.82	10.15	36.8	300	116	P	V
	*	5320	102.54	-	-	96.37	32.82	10.15	36.8	300	116	A	V
		5350.08	50.97	-23.03	74	44.88	32.7	10.17	36.78	300	116	P	V
		5352.8	40.28	-13.72	54	34.19	32.7	10.17	36.78	300	116	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	52.56	-15.64	68.2	61.58	38.48	13.24	60.74	100	29	P	H
		10762	51.58	-22.42	74	60.16	38.92	13.39	60.89	-	-	P	H
		10762	40.97	-13.03	54	49.55	38.92	13.39	60.89	-	-	A	H
		14491	51.1	-22.9	74	59.22	40.51	14.85	63.48	-	-	P	H
		14491	40.6	-13.4	54	48.72	40.51	14.85	63.48	-	-	A	H
		15780	53.05	-20.95	74	61.13	37.46	15.51	61.05	100	329	P	H
		15780	42.18	-11.82	54	50.26	37.46	15.51	61.05	100	329	A	H
		18000	57	-17	74	54.02	43.1	17.05	57.17	-	-	P	H
		18000	46.51	-7.49	54	43.53	43.1	17.05	57.17	-	-	A	H
													H
													H
													H
		10520	53.47	-14.73	68.2	62.49	38.48	13.24	60.74	100	312	P	V
		10784	51.33	-22.67	74	59.86	38.97	13.41	60.91	-	-	P	V
		10784	40.82	-13.18	54	49.35	38.97	13.41	60.91	-	-	A	V
		14491	51.73	-22.27	74	59.85	40.51	14.85	63.48	-	-	P	V
		14491	41.71	-12.29	54	49.83	40.51	14.85	63.48	-	-	A	V
		15780	54.81	-19.19	74	62.89	37.46	15.51	61.05	100	193	P	V
		15780	43.99	-10.01	54	52.07	37.46	15.51	61.05	100	193	A	V
		17956	56.14	-17.86	74	53.65	42.7	17.02	57.23	-	-	P	V
		17956	45.62	-8.38	54	43.13	42.7	17.02	57.23	-	-	A	V
													V
													V
													V



WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	59	-15	74	67.7	38.8	13.29	60.79	100	56	P	H
		10600	48.08	-5.92	54	56.78	38.8	13.29	60.79	100	56	A	H
		11455	51.04	-22.96	74	59.22	38.93	13.67	60.78	-	-	P	H
		11455	40.53	-13.47	54	48.71	38.93	13.67	60.78	-	-	A	H
		14491	51.09	-22.91	74	59.21	40.51	14.85	63.48	-	-	P	H
		14491	40.53	-13.47	54	48.65	40.51	14.85	63.48	-	-	A	H
		15900	52.59	-21.41	74	59.86	37.6	15.54	60.41	108	70	P	H
		15900	42.55	-11.45	54	49.82	37.6	15.54	60.41	108	70	A	H
		18000	56.38	-17.62	74	53.4	43.1	17.05	57.17	-	-	P	H
		18000	45.83	-8.17	54	42.85	43.1	17.05	57.17	-	-	A	H
													H
													H
		10600	58.69	-15.31	74	67.39	38.8	13.29	60.79	277	202	P	V
		10600	46.72	-7.28	54	55.42	38.8	13.29	60.79	277	202	A	V
		11356	57.25	-16.75	74	65.43	39.01	13.64	60.83	-	-	P	V
		11356	40.01	-13.99	54	48.19	39.01	13.64	60.83	-	-	A	V
		14480	51.96	-22.04	74	60.07	40.52	14.84	63.47	-	-	P	V
		14480	40.44	-13.56	54	48.55	40.52	14.84	63.47	-	-	A	V
		15900	49.77	-24.23	74	57.04	37.6	15.54	60.41	263	200	P	V
		15900	39.19	-14.81	54	46.46	37.6	15.54	60.41	263	200	A	V
		18000	55.62	-18.38	74	52.64	43.1	17.05	57.17	-	-	P	V
		18000	45.9	-8.1	54	42.92	43.1	17.05	57.17	-	-	A	V
													V
													V



WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	58.76	-15.24	74	67.46	38.8	13.32	60.82	100	56	P	H
		10640	48.62	-5.38	54	57.32	38.8	13.32	60.82	100	56	A	H
		11444	52.1	-21.9	74	60.25	38.97	13.66	60.78	-	-	P	H
		11444	40.68	-13.32	54	48.83	38.97	13.66	60.78	-	-	A	V
		14491	51.51	-22.49	74	59.63	40.51	14.85	63.48	-	-	P	H
		14491	40.54	-13.46	54	48.66	40.51	14.85	63.48	-	-	A	H
		15960	53.62	-20.38	74	60.49	37.66	15.56	60.09	100	55	P	H
		15960	43.09	-10.91	54	49.96	37.66	15.56	60.09	100	55	A	H
		17989	56.27	-17.73	74	53.41	43	17.04	57.18	-	-	P	H
		17978	45.3	-8.7	54	42.56	42.9	16.34	57.2	-	-	A	H
													H
													H
		17989	45.71	-8.29	54	42.85	43	17.04	57.18			A	H
		10640	59.06	-14.94	74	67.76	38.8	13.32	60.82	231	212	P	V
		10640	48.06	-5.94	54	56.76	38.8	13.32	60.82	231	212	A	V
		11334	50.28	-23.72	74	58.53	38.97	13.63	60.85	-	-	P	V
		11334	40.05	-13.95	54	48.3	38.97	13.63	60.85	-	-	A	V
		14491	50.87	-23.13	74	58.99	40.51	14.85	63.48	-	-	P	V
		14491	40.5	-13.5	54	48.62	40.51	14.85	63.48	-	-	A	V
		15960	52.71	-21.29	74	59.58	37.66	15.56	60.09	236	264	P	V
		15960	43.87	-10.13	54	50.74	37.66	15.56	60.09	236	264	A	V
		17989	56.08	-17.92	74	53.22	43	17.04	57.18	-	-	P	V
		17989	45.81	-8.19	54	42.95	43	17.04	57.18	-	-	A	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz	*	5320	113.22	-	-	107.05	32.82	10.15	36.8	102	65	P	H
	*	5320	103.77	-	-	97.6	32.82	10.15	36.8	102	65	A	H
		5350.8	56.32	-17.68	74	50.23	32.7	10.17	36.78	102	65	P	H
		5350	43.37	-10.63	54	37.28	32.7	10.17	36.78	102	65	A	H
													H
													H
	*	5320	112.75	-	-	106.58	32.82	10.15	36.8	400	109	P	V
	*	5320	103.91	-	-	97.74	32.82	10.15	36.8	400	109	A	V
		5351.36	53.74	-20.26	74	47.65	32.7	10.17	36.78	400	109	P	V
		5350.08	43.1	-10.9	54	37.01	32.7	10.17	36.78	400	109	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 60 5300MHz		10600	53.68	-20.32	74	62.38	38.8	13.29	60.79	100	56	P	H
		10600	47.44	-6.56	54	56.14	38.8	13.29	60.79	100	56	A	H
		10608	54.35	-19.65	74	63.05	38.8	13.3	60.8	-	-	P	H
		14491	50.88	-23.12	74	59	40.51	14.85	63.48	-	-	P	H
		14491	40.08	-13.92	54	48.2	40.51	14.85	63.48	-	-	A	H
		15900	48.6	-25.4	74	55.87	37.6	15.54	60.41	100	56	P	H
		15900	38.71	-15.29	54	45.98	37.6	15.54	60.41	100	56	A	H
		17989	56.89	-17.11	74	54.03	43	17.04	57.18	-	-	P	H
		17989	45.27	-8.73	54	42.41	43	17.04	57.18	-	-	A	H
													H
													H
													H
		10600	57.32	-16.68	74	66.02	38.8	13.29	60.79	223	218	P	V
		10600	46.99	-7.01	54	55.69	38.8	13.29	60.79	223	218	A	V
		10608	54.4	-19.6	74	63.1	38.8	13.3	60.8	-	-	P	V
		10608	43.8	-10.2	54	52.5	38.8	13.3	60.8	-	-	A	V
		14491	50.63	-23.37	74	58.75	40.51	14.85	63.48	-	-	P	V
		14491	40.22	-13.78	54	48.34	40.51	14.85	63.48	-	-	A	V
		15900	49.06	-24.94	74	56.33	37.6	15.54	60.41	295	122	P	V
		15900	38.51	-15.49	54	45.78	37.6	15.54	60.41	295	122	A	V
		17901	56.22	-17.78	74	54.33	42.21	16.98	57.3	-	-	P	V
		17901	45.64	-8.36	54	43.75	42.21	16.98	57.3	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	114.98	-	-	109.56	32.82	9.4	36.8	100	53	P	H
	*	5320	107.08	-	-	101.66	32.82	9.4	36.8	100	53	A	H
		5352.8	62.63	-11.37	74	57.31	32.7	9.4	36.78	100	53	P	H
		5350.08	42.49	-11.51	54	37.17	32.7	9.4	36.78	100	53	A	H
													H
													H
	*	5320	114.04	-	-	108.62	32.82	9.4	36.8	258	266	P	V
	*	5320	105.15	-	-	99.73	32.82	9.4	36.8	258	266	A	V
		5350.08	62.03	-11.97	74	56.71	32.7	9.4	36.78	258	266	P	V
		5354.56	40.73	-13.27	54	35.41	32.7	9.4	36.78	258	266	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 64 5320MHz	*	5320	110.79	-	-	105.37	32.82	9.4	36.8	243	331	P	H
	*	5320	101.98	-	-	96.56	32.82	9.4	36.8	243	331	A	H
		5350.4	66.35	-7.65	74	61.03	32.7	9.4	36.78	243	331	P	H
		5350.08	51.55	-2.45	54	46.23	32.7	9.4	36.78	243	331	A	H
													H
													H
	*	5320	109.29	-	-	103.87	32.82	9.4	36.8	303	267	P	V
	*	5320	100.54	-	-	95.12	32.82	9.4	36.8	303	267	A	V
		5350.56	63.99	-10.01	74	58.67	32.7	9.4	36.78	303	267	P	V
		5350.08	48.9	-5.1	54	43.58	32.7	9.4	36.78	303	267	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz	*	5320	112.53	-	-	107.11	32.82	9.4	36.8	100	328	P	H
	*	5320	102.25	-	-	96.83	32.82	9.4	36.8	100	328	A	H
		5351.2	61.92	-12.08	74	56.6	32.7	9.4	36.78	100	328	P	H
		5351.04	49.09	-4.91	54	43.77	32.7	9.4	36.78	100	328	A	H
													H
													H
	*	5320	109.75	-	-	104.33	32.82	9.4	36.8	300	260	P	V
	*	5320	100.82	-	-	95.4	32.82	9.4	36.8	300	260	A	V
		5352.48	63.56	-10.44	74	58.24	32.7	9.4	36.78	300	260	P	V
		5350.08	50.08	-3.92	54	44.76	32.7	9.4	36.78	300	260	A	V
													V
													V
802.11ax HE40 Full CH 62 5310MHz		5149.94	47.98	-26.02	74	41.97	32.9	10	36.89	100	67	P	H
		5149.6	38.7	-15.3	54	32.69	32.9	10	36.89	100	67	A	H
	*	5308	110.9	-	-	104.7	32.87	10.14	36.81	100	67	P	H
	*	5308	100.47	-	-	94.27	32.87	10.14	36.81	100	67	A	H
		5350.32	58.35	-15.65	74	52.26	32.7	10.17	36.78	100	67	P	H
		5350.08	50.1	-3.9	54	44.01	32.7	10.17	36.78	100	67	A	H
		5063.92	47.55	-26.45	74	41.69	32.88	9.91	36.93	400	109	P	V
		5148.92	38.1	-15.9	54	32.09	32.9	10	36.89	400	109	A	V
	*	5310	111.87	-	-	105.68	32.86	10.14	36.81	400	109	P	V
	*	5310	100.59	-	-	94.4	32.86	10.14	36.81	400	109	A	V
		5350.32	63.52	-10.48	74	57.43	32.7	10.17	36.78	400	109	P	V
		5350.08	51.9	-2.1	54	45.81	32.7	10.17	36.78	400	109	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	54.05	-14.15	68.2	62.29	39.7	13.16	61.1	-	-	P	H
		11576	52.3	-21.7	74	59.63	40.02	13.64	60.99	-	-	P	H
		11576	40.67	-13.33	54	48	40.02	13.64	60.99	-	-	A	H
		14480	51.49	-22.51	74	58.33	41.36	15	63.2	-	-	P	H
		14480	41.4	-12.6	54	48.24	41.36	15	63.2	-	-	A	H
		15810	48.16	-25.84	74	56.64	37.11	15.82	61.41	100	57	P	H
		15810	47.56	-6.44	54	56.04	37.11	15.82	61.41	100	57	A	H
		18000	60.58	-13.42	74	52.33	49	17.15	57.9	-	-	P	H
		18000	50.68	-3.32	54	42.43	49	17.15	57.9	-	-	A	H
													H
													H
													H
		10540	53.64	-14.56	68.2	61.88	39.7	13.16	61.1	-	-	P	V
		11587	52.13	-21.87	74	59.47	40.01	13.65	61	-	-	P	V
		11587	40.98	-13.02	54	48.32	40.01	13.65	61	-	-	A	V
		14491	51.8	-22.2	74	58.6	41.38	15.02	63.2	-	-	P	V
		14491	41.79	-12.21	54	48.59	41.38	15.02	63.2	-	-	A	V
		15810	48.16	-25.84	74	56.64	37.11	15.82	61.41	265	169	P	V
		15810	37.83	-16.17	54	46.31	37.11	15.82	61.41	265	169	A	V
		17978	60.99	-13.01	74	53.18	48.6	17.14	57.93	-	-	P	V
		17978	50.44	-3.56	54	42.63	48.6	17.14	57.93	-	-	A	V
													V
													V
													V
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line. - The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. - The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5093.5	47.57	-26.43	74	42.1	33.06	9.32	36.91	100	213	P	H
		5141.44	37.66	-16.34	54	32.26	32.93	9.36	36.89	100	213	A	H
	*	5310	112.96	-	-	107.51	32.86	9.4	36.81	100	213	P	H
	*	5310	103.11	-	-	97.66	32.86	9.4	36.81	100	213	A	H
		5351.04	66.53	-7.47	74	61.21	32.7	9.4	36.78	100	213	P	H
		5352	50.61	-3.39	54	45.29	32.7	9.4	36.78	100	213	A	H
		5142.46	47.43	-26.57	74	42.03	32.93	9.36	36.89	200	255	P	V
		5148.58	37.64	-16.36	54	32.25	32.91	9.37	36.89	200	255	A	V
	*	5310	110.46	-	-	105.01	32.86	9.4	36.81	200	255	P	V
	*	5310	101.11	-	-	95.66	32.86	9.4	36.81	200	255	A	V
		5353.68	59.51	-14.49	74	54.19	32.7	9.4	36.78	200	255	P	V
		5352.24	49.93	-4.07	54	44.61	32.7	9.4	36.78	200	255	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 62 5310MHz		5076.84	48.2	-25.8	74	42.85	32.96	9.31	36.92	100	53	P	H
		5145.52	38.4	-15.6	54	33	32.92	9.37	36.89	100	53	A	H
	*	5310	106.59	-	-	101.14	32.86	9.4	36.81	100	53	P	H
	*	5310	96.56	-	-	91.11	32.86	9.4	36.81	100	53	A	H
		5350.56	67.16	-6.84	74	61.84	32.7	9.4	36.78	100	53	P	H
		5350.8	49.11	-4.89	54	43.79	32.7	9.4	36.78	100	53	A	H
		5110.84	46.99	-27.01	74	41.49	33.06	9.34	36.9	100	101	P	V
		5102.34	36.86	-17.14	54	31.35	33.09	9.33	36.91	100	101	A	V
	*	5310	101.8	-	-	96.35	32.86	9.4	36.81	100	101	P	V
	*	5310	92.29	-	-	86.84	32.86	9.4	36.81	100	101	A	V
		5352.24	65.91	-8.09	74	60.59	32.7	9.4	36.78	100	101	P	V
		5350.08	46.26	-7.74	54	40.94	32.7	9.4	36.78	100	101	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5133.28	50.07	-23.93	74	44.63	32.97	9.36	36.89	237	21	P	H
		5141.78	39.33	-14.67	54	33.93	32.93	9.36	36.89	237	21	A	H
	*	5290	107.01	-	-	101.51	32.9	9.41	36.81	237	21	P	H
	*	5290	97.32	-	-	91.82	32.9	9.41	36.81	237	21	A	H
		5363.28	62.6	-11.4	74	57.28	32.7	9.4	36.78	237	21	P	H
		5352.72	51.93	-2.07	54	46.61	32.7	9.4	36.78	237	21	A	H
		5144.84	50.27	-23.73	74	44.87	32.92	9.37	36.89	331	265	P	V
		5136.34	39.09	-14.91	54	33.67	32.95	9.36	36.89	331	265	A	V
	*	5290	106.41	-	-	100.91	32.9	9.41	36.81	331	265	P	V
	*	5290	95.81	-	-	90.31	32.9	9.41	36.81	331	265	A	V
		5350.32	64.74	-9.26	74	59.42	32.7	9.4	36.78	331	265	P	V
		5350.08	49.93	-4.07	54	44.61	32.7	9.4	36.78	331	265	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5132.6	54.51	-19.49	74	49.07	32.97	9.36	36.89	100	64	P	H
		5136.34	38.08	-15.92	54	32.66	32.95	9.36	36.89	100	64	A	H
	*	5290	105.92	-	-	100.42	32.9	9.41	36.81	100	64	P	H
	*	5290	105.43	-	-	99.93	32.9	9.41	36.81	100	64	A	H
		5354.88	67.05	-6.95	74	61.73	32.7	9.4	36.78	100	64	P	H
		5353.68	44.67	-9.33	54	39.35	32.7	9.4	36.78	100	64	A	H
		5132.26	53.74	-20.26	74	48.3	32.97	9.36	36.89	351	104	P	V
		5100.64	37.84	-16.16	54	32.32	33.1	9.33	36.91	351	104	A	V
	*	5290	103.06	-	-	97.56	32.9	9.41	36.81	351	104	P	V
	*	5290	93.35	-	-	87.85	32.9	9.41	36.81	351	104	A	V
		5353.92	66.31	-7.69	74	60.99	32.7	9.4	36.78	351	104	P	V
		5353.92	44.69	-9.31	54	39.37	32.7	9.4	36.78	351	104	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 996/67 CH 58 5290MHz		5099.96	50.12	-23.88	74	44.6	33.1	9.33	36.91	100	71	P	H
		5136.34	39.24	-14.76	54	33.82	32.95	9.36	36.89	100	71	A	H
	*	5290	103.86	-	-	98.36	32.9	9.41	36.81	100	71	P	H
	*	5290	94.64	-	-	89.14	32.9	9.41	36.81	100	71	A	H
		5364	68.89	-5.11	74	63.57	32.7	9.4	36.78	100	71	P	H
		5350.08	50.24	-3.76	54	44.92	32.7	9.4	36.78	100	71	A	H
		5116.28	49.53	-24.47	74	44.06	33.03	9.34	36.9	298	111	P	V
		5143.82	38.91	-15.09	54	33.51	32.92	9.37	36.89	298	111	A	V
	*	5290	102.75	-	-	97.25	32.9	9.41	36.81	298	111	P	V
	*	5290	99.03	-	-	93.53	32.9	9.41	36.81	298	111	A	V
		5368.08	69.37	-4.63	74	64.05	32.7	9.4	36.78	298	111	P	V
		5356.32	48.88	-5.12	54	43.56	32.7	9.4	36.78	298	111	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5459.92	50.29	-23.71	74	44.04	32.72	10.26	36.73	240	239	P	H
		5469.04	55	-13.2	68.2	48.72	32.74	10.27	36.73	240	239	P	H
		5460	39.25	-14.75	54	33	32.72	10.26	36.73	240	239	A	H
	*	5500	111.05	-	-	104.66	32.8	10.3	36.71	240	239	P	H
	*	5500	103.6	-	-	97.21	32.8	10.3	36.71	240	239	A	H
													H
		5459.92	49.4	-24.6	74	43.15	32.72	10.26	36.73	142	271	P	V
		5470	52.91	-15.29	68.2	46.62	32.74	10.27	36.72	142	271	P	V
		5460	38.87	-15.13	54	32.62	32.72	10.26	36.73	142	271	A	V
	*	5500	108.89	-	-	102.5	32.8	10.3	36.71	142	271	P	V
	*	5500	101.56	-	-	95.17	32.8	10.3	36.71	142	271	A	V
													V
802.11a CH 116 5580MHz		5420.8	48.1	-25.9	74	41.92	32.7	10.23	36.75	100	292	P	H
		5470	47.8	-20.4	68.2	41.51	32.74	10.27	36.72	100	292	P	H
		5425.6	38.28	-15.72	54	32.1	32.7	10.23	36.75	100	292	A	H
	*	5580	107.99	-	-	101.48	32.92	10.36	36.77	100	292	P	H
	*	5580	99.77	-	-	93.26	32.92	10.36	36.77	100	292	A	H
		5759.96	47.73	-20.47	68.2	40.61	33.46	10.56	36.9	100	292	P	H
		5415.52	47.93	-26.07	74	41.76	32.7	10.22	36.75	304	92	P	V
		5468.56	47.66	-20.54	68.2	41.38	32.74	10.27	36.73	304	92	P	V
		5424.88	37.8	-16.2	54	31.62	32.7	10.23	36.75	304	92	A	V
	*	5580	107.45	-	-	100.94	32.92	10.36	36.77	304	92	P	V
	*	5580	100.35	-	-	93.84	32.92	10.36	36.77	304	92	A	V
		5734.76	47.57	-20.63	68.2	40.61	33.31	10.53	36.88	304	92	P	V



802.11a CH 140 5700MHz	*	5700	107.21	-	-	100.47	33.1	10.49	36.85	100	336	P	H
	*	5700	99.19	-	-	92.45	33.1	10.49	36.85	100	336	A	H
		5731.8	49.27	-18.93	68.2	42.34	33.29	10.52	36.88	100	336	P	H
													H
													H
													H
	*	5700	105.31	-	-	98.57	33.1	10.49	36.85	288	91	P	V
	*	5700	97.62	-	-	90.88	33.1	10.49	36.85	288	91	A	V
		5728.76	53.02	-15.18	68.2	46.1	33.27	10.52	36.87	288	91	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.66	-24.34	74	58.56	38.6	13.54	61.04	200	241	P	H
		11000	38.71	-15.29	54	47.61	38.6	13.54	61.04	200	241	A	H
		11609	51.24	-22.76	74	59.78	38.59	13.75	60.88	-	-	P	H
		11609	41.16	-12.84	54	49.7	38.59	13.75	60.88	-	-	A	H
		14491	49.45	-24.55	74	57.57	40.51	14.85	63.48	-	-	P	H
		14491	40.02	-13.98	54	48.14	40.51	14.85	63.48	-	-	A	H
		16500	51.83	-16.37	68.2	56.09	38.6	16.07	58.93	-	-	P	H
		18000	55.17	-18.83	74	52.19	43.1	17.05	57.17	-	-	P	H
		18000	46.69	-7.31	54	43.71	43.1	17.05	57.17	-	-	A	H
													H
													H
													H
		11000	53.12	-20.88	74	62.02	38.6	13.54	61.04	300	317	P	V
		11000	44.3	-9.7	54	53.2	38.6	13.54	61.04	300	317	A	V
		11477	50.06	-23.94	74	58.28	38.87	13.67	60.76	-	-	P	V
		11477	40.93	-13.07	54	49.15	38.87	13.67	60.76	-	-	A	V
		14480	50.49	-23.51	74	58.6	40.52	14.84	63.47	-	-	P	V
		14480	41.37	-12.63	54	49.48	40.52	14.84	63.47	-	-	A	V
		16500	49.55	-18.65	68.2	53.81	38.6	16.07	58.93	-	-	P	V
		18000	55.57	-18.43	74	52.59	43.1	17.05	57.17	-	-	P	V
		18000	46.16	-7.84	54	43.18	43.1	17.05	57.17	-	-	A	V
													V
													V
													V



WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		10751	51.93	-22.07	74	60.53	38.9	13.39	60.89	-	-	P	H
		10751	41.92	-12.08	54	50.52	38.9	13.39	60.89	-	-	A	H
		11160	49.11	-24.89	74	57.76	38.72	13.58	60.95	-	-	P	H
		11160	39.5	-14.5	54	48.15	38.72	13.58	60.95	-	-	A	H
		14491	50.62	-23.38	74	58.74	40.51	14.85	63.48	-	-	P	H
		14491	40.59	-13.41	54	48.71	40.51	14.85	63.48	-	-	A	H
		16740	50.5	-17.7	68.2	54.75	38.24	16.32	58.81	-	-	P	H
		17923	55.97	-18.03	74	53.83	42.41	17	57.27	-	-	P	H
		17923	45.93	-8.07	54	43.79	42.41	17	57.27	-	-	A	H
													H
													H
													H
		10751	51.16	-22.84	74	59.76	38.9	13.39	60.89	-	-	P	V
		10751	41.12	-12.88	54	49.72	38.9	13.39	60.89	-	-	A	V
		11160	48.72	-25.28	74	57.37	38.72	13.58	60.95	-	-	P	V
		11160	39.62	-14.38	54	48.27	38.72	13.58	60.95	-	-	A	V
		14499	51.97	-22.03	74	60.11	40.5	14.85	63.49	-	-	P	V
		14499	41.99	-12.01	54	50.13	40.5	14.85	63.49	-	-	A	V
		16740	50.57	-17.63	68.2	54.82	38.24	16.32	58.81	-	-	P	V
		17989	56.69	-17.31	74	53.83	43	17.04	57.18	-	-	P	V
		17989	46.68	-7.32	54	43.82	43	17.04	57.18	-	-	A	V
													V
													V
													V



WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		10773	51.27	-22.73	74	59.82	38.95	13.4	60.9	-	-	P	H
		10773	41.31	-12.69	54	49.86	38.95	13.4	60.9	-	-	A	H
		11400	51	-23	74	59.06	39.1	13.65	60.81	100	214	P	H
		11400	40.88	-13.12	54	48.94	39.1	13.65	60.81	100	214	A	H
		14499	51.42	-22.58	74	59.56	40.5	14.85	63.49	-	-	P	H
		14499	41.39	-12.61	54	49.53	40.5	14.85	63.49	-	-	A	H
		17100	53.38	-14.82	68.2	57.38	37.9	16.61	58.51	100	30	P	H
		17890	56.27	-17.73	74	54.56	42.06	16.97	57.32	-	-	P	H
		17890	46.3	-7.7	54	44.59	42.06	16.97	57.32	-	-	A	H
													H
													H
													H
		10806	51.1	-22.9	74	59.62	38.98	13.42	60.92	-	-	P	V
		10806	41.14	-12.86	54	49.66	38.98	13.42	60.92	-	-	A	V
		11400	52.09	-21.91	74	60.15	39.1	13.65	60.81	234	147	P	V
		11400	41.99	-12.01	54	50.05	39.1	13.65	60.81	234	147	A	V
		14499	50.92	-23.08	74	59.06	40.5	14.85	63.49	-	-	P	V
		14499	40.99	-13.01	54	49.13	40.5	14.85	63.49	-	-	A	V
		17100	61.32	-6.88	68.2	65.32	37.9	16.61	58.51	100	310	P	V
		18000	55.66	-18.34	74	52.68	43.1	17.05	57.17	-	-	P	V
		18000	45.64	-8.36	54	42.66	43.1	17.05	57.17	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5457.2	48.87	-25.13	74	42.63	32.71	10.26	36.73	138	272	P	H
		5467.28	53.44	-14.76	68.2	47.17	32.73	10.27	36.73	138	272	P	H
		5456.88	38.8	-15.2	54	32.56	32.71	10.26	36.73	138	272	A	H
	*	5500	111.39	-	-	105	32.8	10.3	36.71	138	272	P	H
	*	5500	100.38	-	-	93.99	32.8	10.3	36.71	138	272	A	H
		5460.08	50.88	-17.32	68.2	44.63	32.72	10.26	36.73	356	104	P	V
		5467.28	53.09	-15.11	68.2	46.82	32.73	10.27	36.73	356	104	P	V
		5457.68	38.97	-15.03	54	32.72	32.72	10.26	36.73	356	104	A	V
	*	5500	111.65	-	-	105.26	32.8	10.3	36.71	356	104	P	V
	*	5500	100.84	-	-	94.45	32.8	10.3	36.71	356	104	A	V
	*	5500	101.48	-	-	95.09	32.8	10.3	36.71	119	273	A	V
													V
802.11ax HE20 Full CH 140 5700MHz	*	5700	109.86	-	-	103.12	33.1	10.49	36.85	100	309	P	H
	*	5700	96.4	-	-	89.66	33.1	10.49	36.85	100	309	A	H
		5727.32	57.58	-10.62	68.2	50.67	33.26	10.52	36.87	100	309	P	H
													H
													H
													H
	*	5700	109.68	-	-	102.94	33.1	10.49	36.85	328	100	P	V
	*	5700	99.63	-	-	92.89	33.1	10.49	36.85	328	100	A	V
		5732.92	54.29	-13.91	68.2	47.34	33.3	10.53	36.88	328	100	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 116 5580MHz		11160	50.6	-23.4	74	58.19	39.96	13.49	61.04	309	275	P	H
		11160	39.56	-14.44	54	47.15	39.96	13.49	61.04	309	275	A	H
		11477	51.27	-22.73	74	58.52	40.08	13.58	60.91	-	-	P	H
		11477	40.93	-13.07	54	48.18	40.08	13.58	60.91	-	-	A	H
		14480	51.55	-22.45	74	58.39	41.36	15	63.2	-	-	P	H
		14480	40.54	-13.46	54	47.38	41.36	15	63.2	-	-	A	H
		16740	50.91	-17.29	68.2	53.67	39.94	16.56	59.26	-	-	P	H
		17992	49.87	-4.13	54	41.77	48.86	17.15	57.91	-	-	A	H
		18000	59.93	-14.07	74	51.68	49	17.15	57.9	-	-	P	H
		18000	49.54	-4.46	54	41.29	49	17.15	57.9	-	-	A	H
													H
													H
		11160	50.23	-23.77	74	57.82	39.96	13.49	61.04	314	122	P	V
		11160	39.57	-14.43	54	47.16	39.96	13.49	61.04	314	122	A	V
		11433	51.91	-22.09	74	59.24	40.03	13.57	60.93	-	-	P	V
		11433	40.81	-13.19	54	48.14	40.03	13.57	60.93	-	-	A	V
		14491	51.27	-22.73	74	58.07	41.38	15.02	63.2	-	-	P	V
		14491	40.86	-13.14	54	47.66	41.38	15.02	63.2	-	-	A	V
		16740	56.4	-11.8	68.2	59.16	39.94	16.56	59.26	-	-	P	V
		17989	60.1	-13.9	74	52.07	48.8	17.14	57.91	-	-	P	V
		17989	49.46	-4.54	54	41.43	48.8	17.14	57.91	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5452.56	49.61	-24.39	74	44.18	32.71	9.45	36.73	248	329	P	H
		5469.68	57.93	-10.27	68.2	52.45	32.74	9.47	36.73	248	329	P	H
		5440.24	39.48	-14.52	54	34.08	32.7	9.44	36.74	248	329	A	H
	*	5500	114.67	-	-	109.09	32.8	9.49	36.71	248	329	P	H
	*	5500	106.68	-	-	101.1	32.8	9.49	36.71	248	329	A	H
													H
		5423.28	49.27	-24.73	74	43.9	32.7	9.42	36.75	100	272	P	V
		5467.76	54.31	-13.89	68.2	48.84	32.74	9.46	36.73	100	272	P	V
		5442.96	38.64	-15.36	54	33.24	32.7	9.44	36.74	100	272	A	V
	*	5500	113.97	-	-	108.39	32.8	9.49	36.71	100	272	P	V
	*	5500	105.27	-	-	99.69	32.8	9.49	36.71	100	272	A	V
													V
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	112.22	-	-	106.3	33.1	9.67	36.85	109	68	P	H
	*	5700	101.81	-	-	95.89	33.1	9.67	36.85	109	68	A	H
		5725	58.6	-9.6	68.2	52.53	33.25	9.69	36.87	109	68	P	H
													H
													H
													H
	*	5700	110.27	-	-	104.35	33.1	9.67	36.85	300	96	P	V
	*	5700	100.88	-	-	94.96	33.1	9.67	36.85	300	96	A	V
		5725	59.91	-8.29	68.2	53.84	33.25	9.69	36.87	300	96	P	V
													V
Remark													V
													V
													V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 242/61 CH 100 5500MHz		5458.96	60.24	-13.76	74	54.79	32.72	9.46	36.73	100	121	P	H
		5469.52	64.62	-3.58	68.2	59.14	32.74	9.47	36.73	100	121	P	H
		5460	41.56	-12.44	54	36.11	32.72	9.46	36.73	100	121	A	H
	*	5500	110.01	-	-	104.43	32.8	9.49	36.71	100	121	P	H
	*	5500	101.13	-	-	95.55	32.8	9.49	36.71	100	121	A	H
													H
		5459.44	59.26	-14.74	74	53.81	32.72	9.46	36.73	254	260	P	V
		5469.04	64.44	-3.76	68.2	58.96	32.74	9.47	36.73	254	260	P	V
		5460	41.05	-12.95	54	35.6	32.72	9.46	36.73	254	260	A	V
	*	5500	110.33	-	-	104.75	32.8	9.49	36.71	254	260	P	V
	*	5500	101.39	-	-	95.81	32.8	9.49	36.71	254	260	A	V
													V
802.11ax HE20 Partial 242/61 CH 140 5700MHz	*	5700	110.44	-	-	104.52	33.1	9.67	36.85	100	67	P	H
	*	5700	100.06	-	-	94.14	33.1	9.67	36.85	100	67	A	H
		5725	64.93	-3.27	68.2	58.86	33.25	9.69	36.87	100	67	P	H
													H
													H
													H
	*	5700	108.09	-	-	102.17	33.1	9.67	36.85	300	117	P	V
	*	5700	98.12	-	-	92.2	33.1	9.67	36.85	300	117	A	V
		5726.52	64.31	-3.89	68.2	58.23	33.26	9.69	36.87	300	117	P	V
													V
Remark													V
													V
													V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 5470~5725MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5454.4	54.66	-19.34	74	48.42	32.71	10.26	36.73	100	274	P	H
		5466.88	61.04	-7.16	68.2	54.77	32.73	10.27	36.73	100	274	P	H
		5458.72	43.45	-10.55	54	37.2	32.72	10.26	36.73	100	274	A	H
	*	5510	108.47	-	-	102.09	32.8	10.3	36.72	100	274	P	H
	*	5510	98.69	-	-	92.31	32.8	10.3	36.72	100	274	A	H
		5756.81	47.88	-20.32	68.2	40.78	33.44	10.55	36.89	100	274	P	H
		5457.28	55.03	-18.97	74	48.79	32.71	10.26	36.73	334	109	P	V
		5467.36	57.04	-11.16	68.2	50.77	32.73	10.27	36.73	334	109	P	V
		5458.24	42.04	-11.96	54	35.79	32.72	10.26	36.73	334	109	A	V
	*	5510	109.5	-	-	103.12	32.8	10.3	36.72	334	109	P	V
	*	5510	99.1	-	-	92.72	32.8	10.3	36.72	334	109	A	V
		5743.58	47.35	-20.85	68.2	40.34	33.36	10.54	36.89	334	109	P	V
802.11ax HE40 Full CH 134 5670MHz		5435.4	48.16	-25.84	74	41.96	32.7	10.24	36.74	115	273	P	H
		5463.4	46.6	-21.6	68.2	40.34	32.73	10.26	36.73	115	273	P	H
		5455	37.53	-16.47	54	31.29	32.71	10.26	36.73	115	273	A	H
	*	5670	109.32	-	-	102.65	33.04	10.46	36.83	115	273	P	H
	*	5670	98.09	-	-	91.42	33.04	10.46	36.83	115	273	A	H
		5728.95	53.2	-15	68.2	46.28	33.27	10.52	36.87	115	273	P	H
		5422.45	47.19	-26.81	74	41.01	32.7	10.23	36.75	368	105	P	V
		5461.3	45.62	-22.58	68.2	39.37	32.72	10.26	36.73	368	105	P	V
		5453.95	37.48	-16.52	54	31.24	32.71	10.26	36.73	368	105	A	V
	*	5670	108.93	-	-	102.26	33.04	10.46	36.83	368	105	P	V
	*	5670	98.55	-	-	91.88	33.04	10.46	36.83	368	105	A	V
		5728.075	53.47	-14.73	68.2	46.55	33.27	10.52	36.87	368	105	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 110 5550MHz		10707	51.67	-22.33	74	60.36	38.81	13.36	60.86	-	-	P	H
		10707	39.8	-14.2	54	48.49	38.81	13.36	60.86	-	-	A	H
		11100	50.5	-23.5	74	59.31	38.6	13.57	60.98	100	107	P	H
		11100	39.06	-14.94	54	47.87	38.6	13.57	60.98	100	107	A	H
		14480	50.63	-23.37	74	58.74	40.52	14.84	63.47	-	-	P	H
		14480	40.65	-13.35	54	48.76	40.52	14.84	63.47	-	-	A	H
		16650	53.66	-14.54	68.2	57.94	38.35	16.22	58.85	100	70	P	H
		16650	42.76	-11.24	54	47.04	38.35	16.22	58.85	100	70	A	H
		18000	54.42	-19.58	74	51.44	43.1	17.05	57.17	-	-	P	H
		18000	45.86	-8.14	54	42.88	43.1	17.05	57.17	-	-	A	H
													H
													H
		10773	50.89	-23.11	74	59.44	38.95	13.4	60.9	-	-	P	V
		10773	40.56	-13.44	54	49.11	38.95	13.4	60.9	-	-	A	V
		11100	49.15	-24.85	74	57.96	38.6	13.57	60.98	260	208	P	V
		11100	38.84	-15.16	54	47.65	38.6	13.57	60.98	260	208	A	V
		14480	51	-23	74	59.11	40.52	14.84	63.47	-	-	P	V
		14480	40.86	-13.14	54	48.97	40.52	14.84	63.47	-	-	A	V
		16650	54.11	-14.09	68.2	58.39	38.35	16.22	58.85	281	386	P	V
		16650	42.73	-11.27	54	47.01	38.35	16.22	58.85	281	336	A	V
		18000	54.99	-19.01	74	52.01	43.1	17.05	57.17	-	-	P	V
		18000	45.92	-8.08	54	42.94	43.1	17.05	57.17	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		5458.72	59.96	-14.04	74	54.51	32.72	9.46	36.73	100	272	P	H
		5463.04	63.17	-5.03	68.2	57.71	32.73	9.46	36.73	100	272	P	H
		5458.72	39.35	-14.65	54	33.9	32.72	9.46	36.73	100	272	A	H
	*	5510	110.71	-	-	105.13	32.8	9.5	36.72	100	272	P	H
	*	5510	100.54	-	-	94.96	32.8	9.5	36.72	100	272	A	H
		5731.295	48.49	-19.71	68.2	42.38	33.29	9.7	36.88	100	272	P	H
		5459.92	58.33	-15.67	74	52.88	32.72	9.46	36.73	400	85	P	V
		5465.68	65	-3.2	68.2	59.54	32.73	9.46	36.73	400	85	P	V
		5459.92	38.9	-15.1	54	33.45	32.72	9.46	36.73	400	85	A	V
	*	5510	106.77	-	-	101.19	32.8	9.5	36.72	400	85	P	V
	*	5510	97.75	-	-	92.17	32.8	9.5	36.72	400	85	A	V
		5759.645	48.21	-19.99	68.2	41.93	33.46	9.72	36.9	400	85	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5442.75	48.1	-25.9	74	42.7	32.7	9.44	36.74	100	54	P	H
		5462.7	47.69	-20.51	68.2	42.23	32.73	9.46	36.73	100	54	P	H
		5458.85	36.98	-17.02	54	31.53	32.72	9.46	36.73	100	54	A	H
	*	5670	106.34	-	-	100.48	33.04	9.65	36.83	100	54	P	H
	*	5670	96.47	-	-	90.61	33.04	9.65	36.83	100	54	A	H
		5759.75	49.65	-18.55	68.2	43.37	33.46	9.72	36.9	100	54	P	H
		5456.75	47.27	-26.73	74	41.84	32.71	9.45	36.73	300	360	P	V
		5466.55	47.06	-21.14	68.2	41.6	32.73	9.46	36.73	300	360	P	V
		5458.85	36.88	-17.12	54	31.43	32.72	9.46	36.73	300	360	A	V
	*	5670	96.18	-	-	90.32	33.04	9.65	36.83	300	360	P	V
	*	5670	86.01	-	-	80.15	33.04	9.65	36.83	300	360	A	V
		5744.175	48.17	-20.03	68.2	41.98	33.37	9.71	36.89	300	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 484/65 CH 102 5510MHz		5457.76	52.44	-21.56	74	47	32.72	9.45	36.73	100	273	P	H
		5468.08	56.89	-11.31	68.2	51.42	32.74	9.46	36.73	100	273	P	H
		5458	39.55	-14.45	54	34.1	32.72	9.46	36.73	100	273	A	H
	*	5510	105.38	-	-	99.8	32.8	9.5	36.72	100	273	P	H
	*	5510	94.88	-	-	89.3	32.8	9.5	36.72	100	273	A	H
		5759.96	47.24	-20.96	68.2	40.96	33.46	9.72	36.9	100	273	P	H
		5459.44	50.68	-23.32	74	45.23	32.72	9.46	36.73	400	105	P	V
		5463.76	56.71	-11.49	68.2	51.25	32.73	9.46	36.73	400	105	P	V
		5459.2	40.52	-13.48	54	35.07	32.72	9.46	36.73	400	105	A	V
	*	5510	104.84	-	-	99.26	32.8	9.5	36.72	400	105	P	V
	*	5510	94.21	-	-	88.63	32.8	9.5	36.72	400	105	A	V
		5759.645	47.41	-20.79	68.2	41.13	33.46	9.72	36.9	400	105	P	V
802.11ax HE40 Partial 484/65 CH 134 5670MHz		5416.5	47.96	-26.04	74	42.59	32.7	9.42	36.75	100	65	P	H
		5465.85	47.93	-20.27	68.2	42.47	32.73	9.46	36.73	100	65	P	H
		5458.85	37.51	-16.49	54	32.06	32.72	9.46	36.73	100	65	A	H
	*	5670	106.9	-	-	101.04	33.04	9.65	36.83	100	65	P	H
	*	5670	97.74	-	-	91.88	33.04	9.65	36.83	100	65	A	H
		5725	56.48	-11.72	68.2	50.41	33.25	9.69	36.87	100	65	P	H
		5384.3	48.01	-25.99	74	42.68	32.7	9.4	36.77	300	113	P	V
		5459.9	47.05	-26.95	74	41.6	32.72	9.46	36.73	300	113	P	V
		5458.85	37.16	-16.84	54	31.71	32.72	9.46	36.73	300	113	A	V
	*	5670	106.07	-	-	100.21	33.04	9.65	36.83	300	113	P	V
	*	5670	96.22	-	-	90.36	33.04	9.65	36.83	300	113	A	V
		5727.725	55.58	-12.62	68.2	49.49	33.27	9.69	36.87	300	113	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5455.36	61.51	-12.49	74	55.27	32.71	10.26	36.73	100	274	P	H
		5466.88	62.77	-5.43	68.2	56.5	32.73	10.27	36.73	100	274	P	H
		5457.76	49.53	-4.47	54	43.28	32.72	10.26	36.73	100	274	A	H
	*	5530	106.35	-	-	99.96	32.8	10.32	36.73	100	274	P	H
	*	5530	96.27	-	-	89.88	32.8	10.32	36.73	100	274	A	H
		5746.73	49.18	-19.02	68.2	42.15	33.38	10.54	36.89	100	274	P	H
		5457.76	63.65	-10.35	74	57.4	32.72	10.26	36.73	365	94	P	V
		5468.32	62.92	-5.28	68.2	56.64	32.74	10.27	36.73	365	94	P	V
		5459.92	47.22	-6.78	54	40.97	32.72	10.26	36.73	365	94	A	V
	*	5530	107.13	-	-	100.74	32.8	10.32	36.73	365	94	P	V
	*	5530	95.6	-	-	89.21	32.8	10.32	36.73	365	94	A	V
		5743.265	49.24	-18.96	68.2	42.23	33.36	10.54	36.89	365	94	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 106 5530MHz		5439.04	56.99	-17.01	74	51.59	32.7	9.44	36.74	100	71	P	H
		5469.52	60.94	-7.26	68.2	55.46	32.74	9.47	36.73	100	71	P	H
		5459.92	42.43	-11.57	54	36.98	32.72	9.46	36.73	100	71	A	H
	*	5530	113.98	-	-	108.39	32.8	9.52	36.73	100	71	P	H
	*	5530	103.41	-	-	97.82	32.8	9.52	36.73	100	71	A	H
		5760.275	48.7	-19.5	68.2	42.42	33.46	9.72	36.9	100	71	P	H
		5458.72	56.59	-17.41	74	51.14	32.72	9.46	36.73	304	111	P	V
		5467.84	57.94	-10.26	68.2	52.47	32.74	9.46	36.73	304	111	P	V
		5458.96	40.3	-13.7	54	34.85	32.72	9.46	36.73	304	111	A	V
	*	5530	105.52	-	-	99.93	32.8	9.52	36.73	304	111	P	V
	*	5530	96.12	-	-	90.53	32.8	9.52	36.73	304	111	A	V
		5760.275	48.62	-19.58	68.2	42.34	33.46	9.72	36.9	304	111	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI Ant. 5+6	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 996/67 CH 106 5530MHz		5459.92	60.31	-13.69	74	54.86	32.72	9.46	36.73	113	62	P	H
		5469.52	64.65	-3.55	68.2	59.17	32.74	9.47	36.73	113	62	P	H
		5459.92	49.8	-4.2	54	44.35	32.72	9.46	36.73	113	62	A	H
	*	5530	103.27	-	-	97.68	32.8	9.52	36.73	113	62	P	H
	*	5530	93.27	-	-	87.68	32.8	9.52	36.73	113	62	A	H
		5759.96	49.44	-18.76	68.2	43.16	33.46	9.72	36.9	113	62	P	H
		5458.72	60.4	-13.6	74	54.95	32.72	9.46	36.73	381	92	P	V
		5469.52	65.34	-2.86	68.2	59.86	32.74	9.47	36.73	381	92	P	V
		5459.68	48.53	-5.47	54	43.08	32.72	9.46	36.73	381	92	A	V
	*	5530	100.73	-	-	95.14	32.8	9.52	36.73	381	92	P	V
	*	5530	91.65	-	-	86.06	32.8	9.52	36.73	381	92	A	V
		5765	48.59	-19.61	68.2	42.28	33.49	9.72	36.9	381	92	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

WIFI 802.11ax HE160 Full (SHF)

[illegible]

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		68.8	28.61	-11.39	40	47.87	12.19	0.99	32.51	-	-	P	H
		99.84	36.9	-6.6	43.5	52.36	15.78	1.2	32.47	-	-	P	H
		158.04	35.81	-7.69	43.5	49.99	16.58	1.51	32.45	-	-	P	H
		242.43	27.74	-18.26	46	40.8	17.34	1.88	32.46	-	-	P	H
		716.76	32.29	-13.71	46	34.63	26.67	3.23	32.36	-	-	P	H
		937.92	32.12	-13.88	46	29.58	29.91	3.7	31.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		34.85	31.88	-8.12	40	41.61	22.08	0.69	32.51	100	310	Q	V
		59.1	34.4	-5.6	40	54.23	11.73	0.92	32.55	200	152	Q	V
		99.84	30.14	-13.36	43.5	45.6	15.78	1.2	32.47	-	-	P	V
		158.04	31.43	-12.07	43.5	45.61	16.58	1.51	32.45	-	-	P	V
		243.4	21.31	-24.69	46	34.24	17.47	1.88	32.46	-	-	P	V
		729.37	32.42	-13.58	46	34.09	27.29	3.25	32.33	-	-	P	V
													V
													V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 36		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
5180MHz													

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)
2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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



Appendix D. Radiated Spurious Emission

Test Engineer :	Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

Note symbol

-L	Low channel location
-R	High channel location

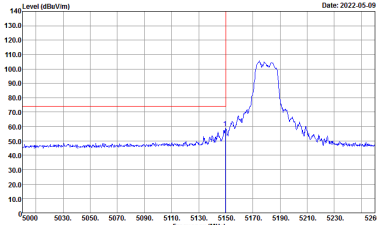
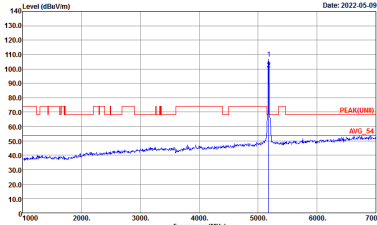
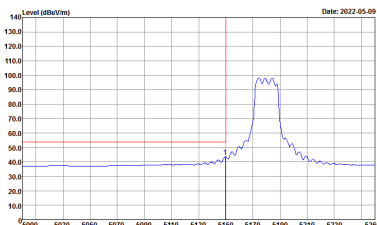


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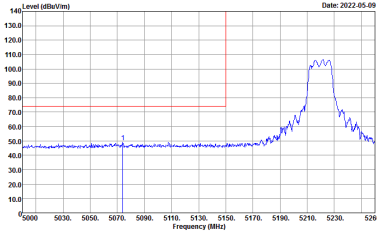
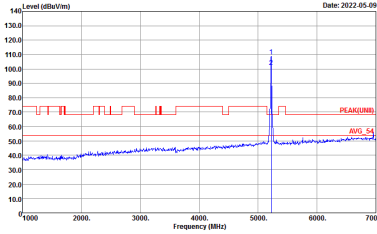
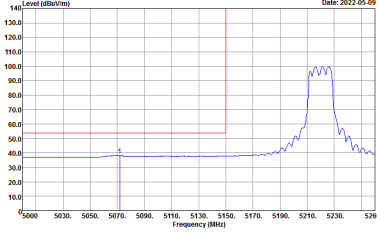
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
5+4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

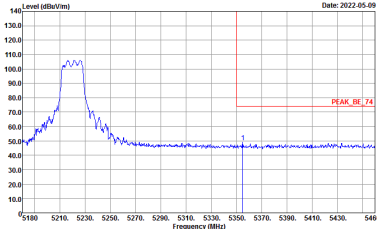
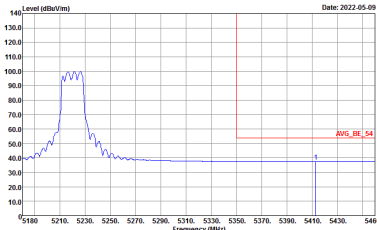


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

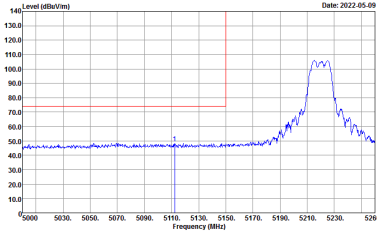
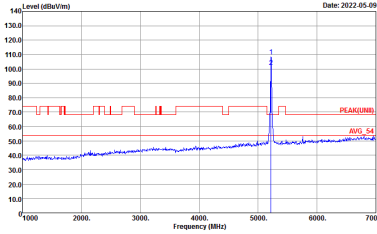
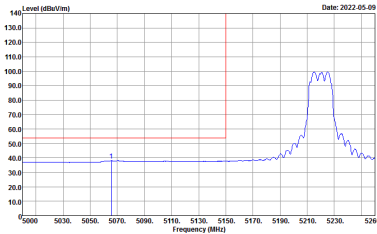


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVE_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

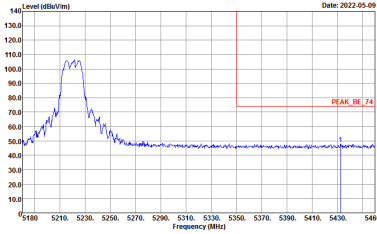
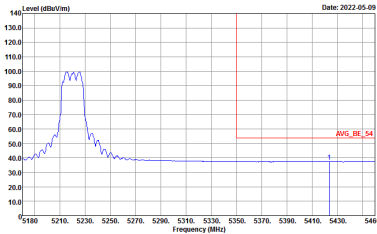


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

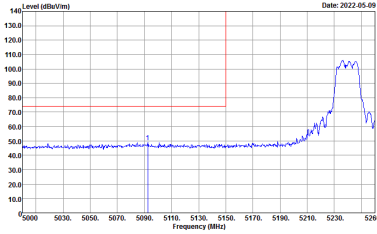
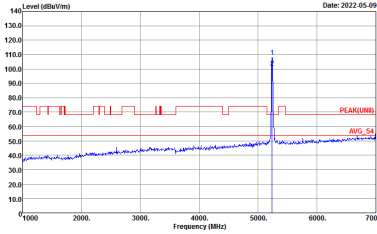
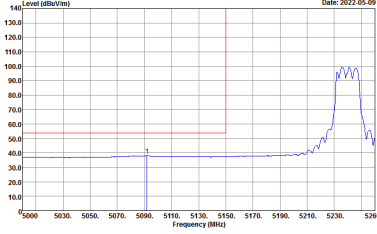


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

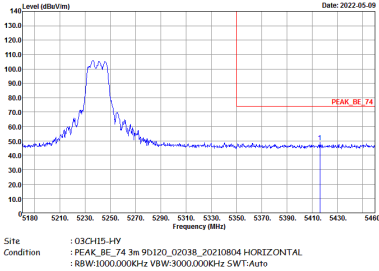
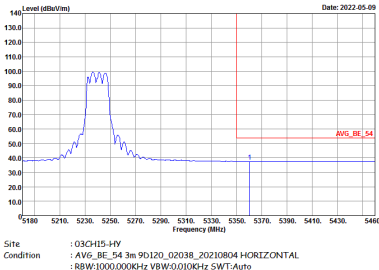


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

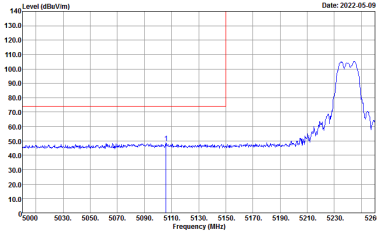
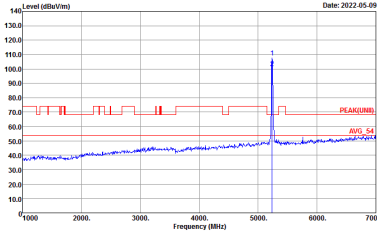
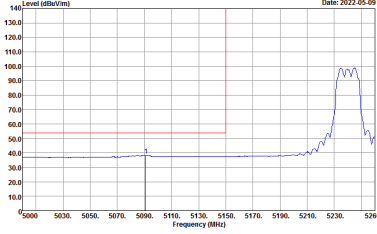


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

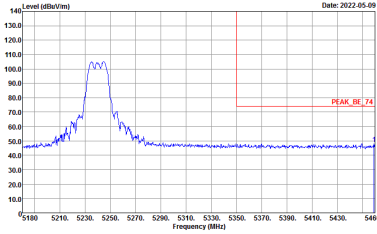
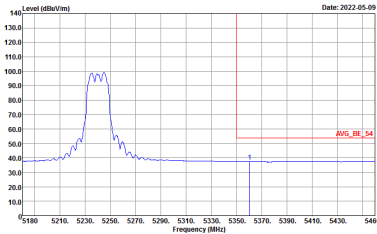


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



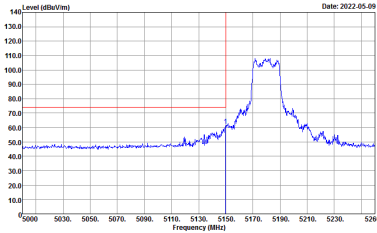
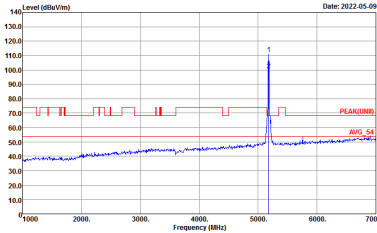
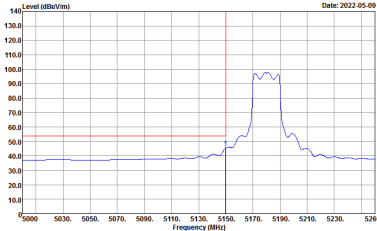
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



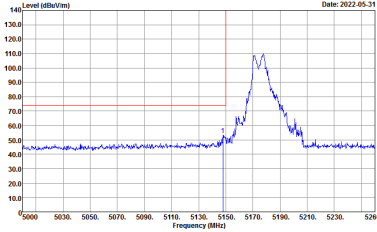
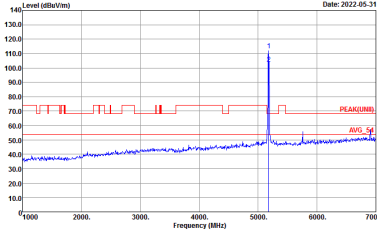
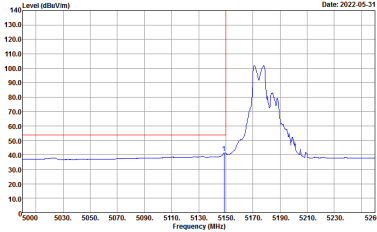
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
5+4	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
5+4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



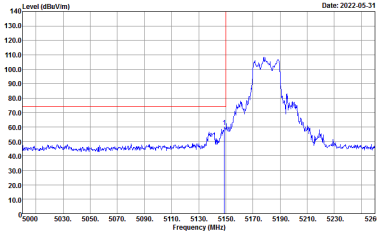
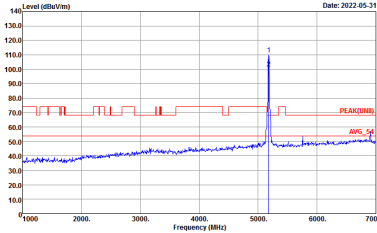
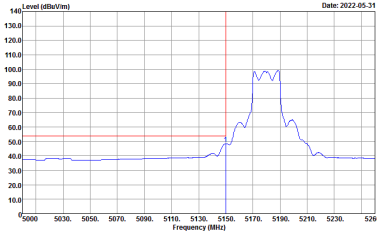
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH36 5180MHz	
5+4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



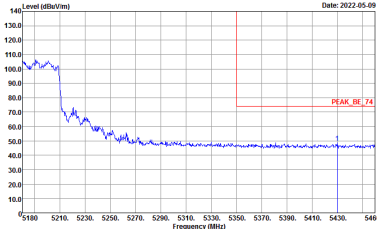
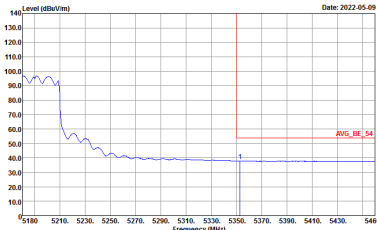
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH36 5180MHz	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



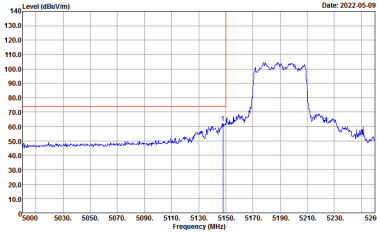
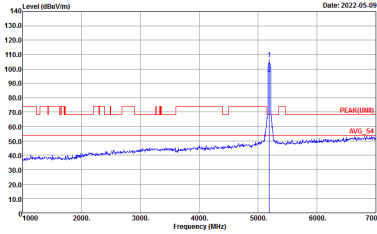
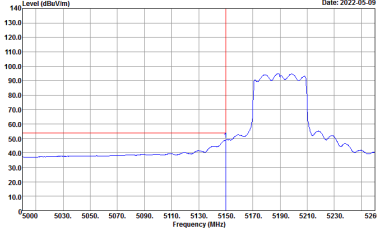
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
5+4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

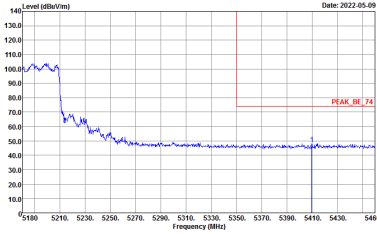
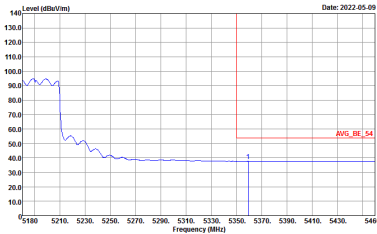


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



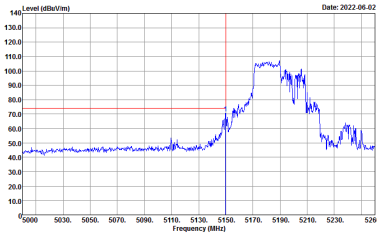
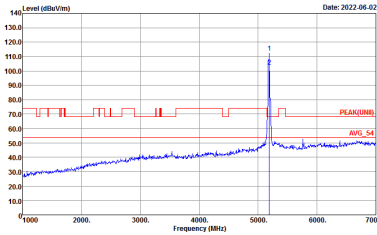
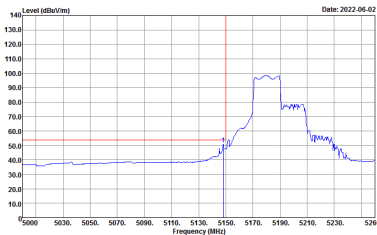
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



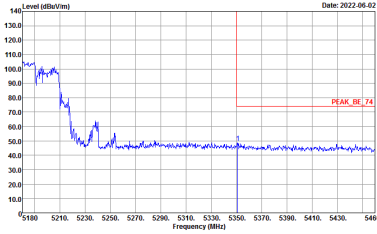
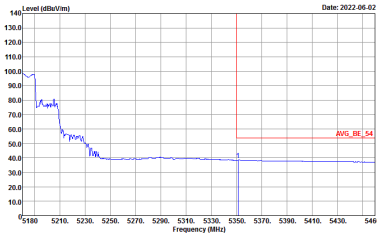
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

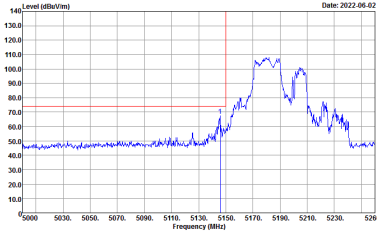
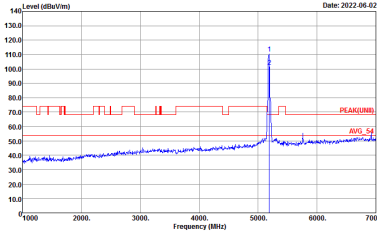
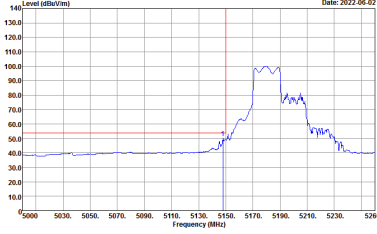


Band 1 5150~5250MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

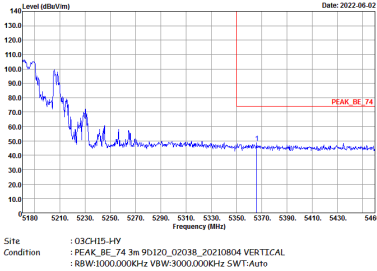
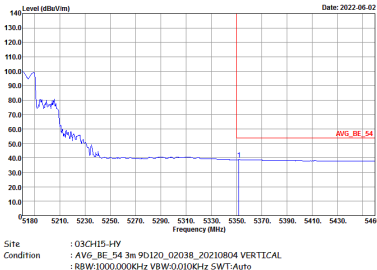
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

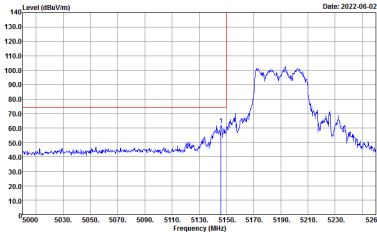
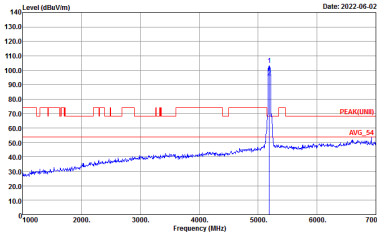
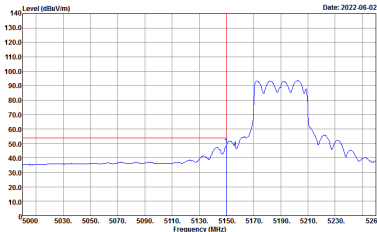
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



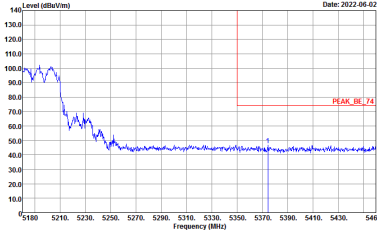
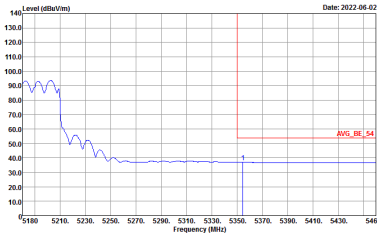
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



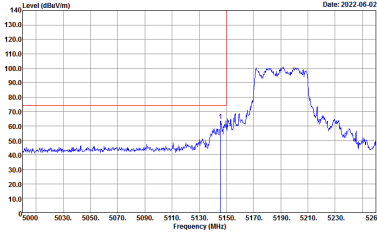
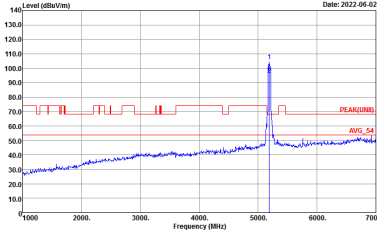
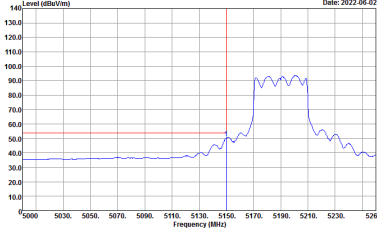
WIFI 802.11ax HE40 Partial 484 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH38 5190MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

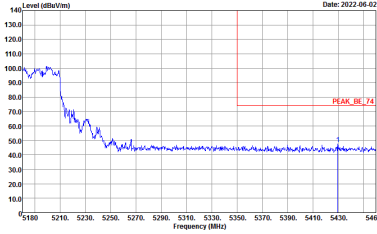
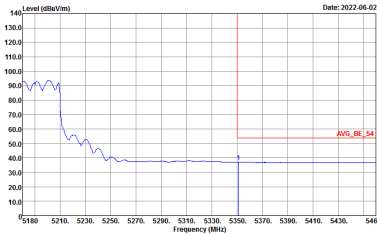


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH38 5190MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH125-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH125-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH38 5190MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH38 5190MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



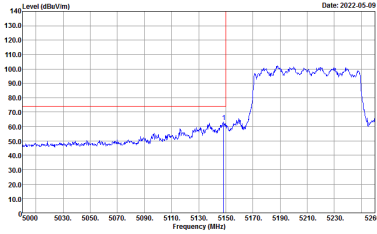
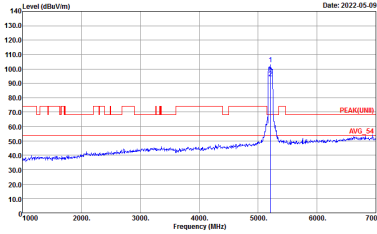
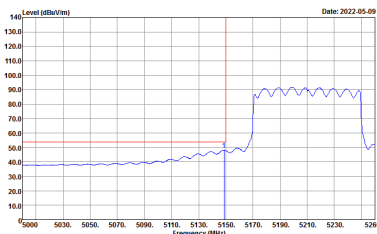
Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
5+4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

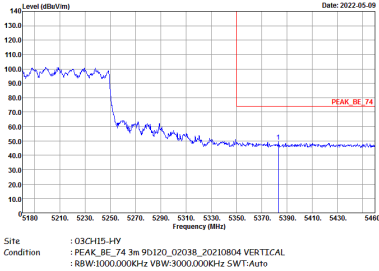
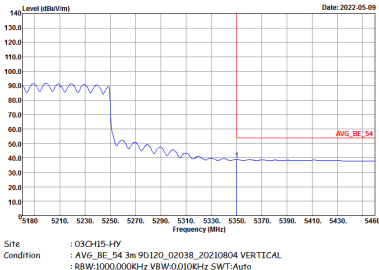


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
5+4	Horizontal	Fundamental
Peak	Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



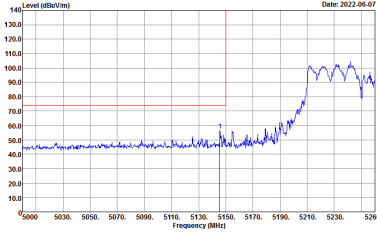
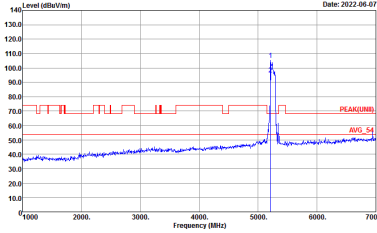
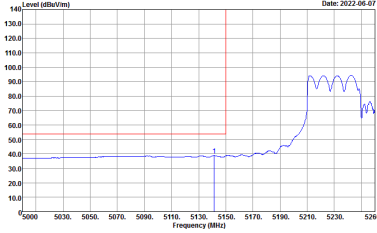
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



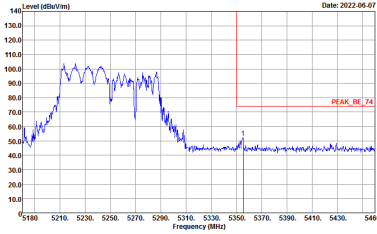
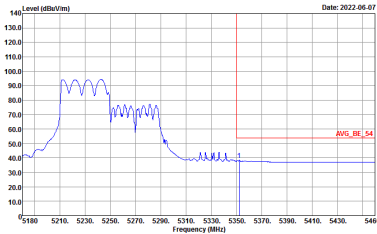
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



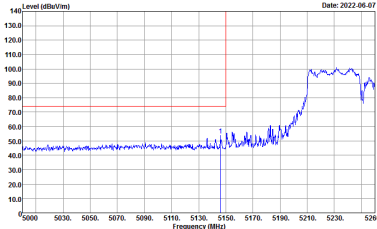
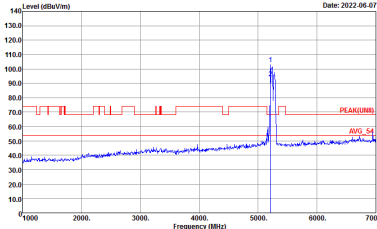
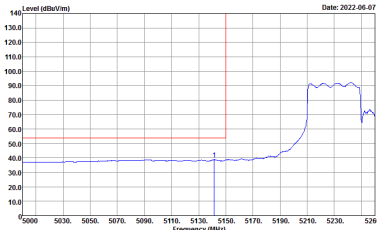
Band 1 5150~5250MHz
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

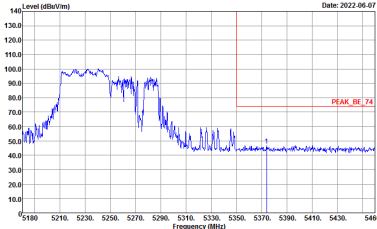
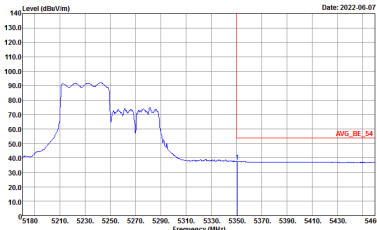


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



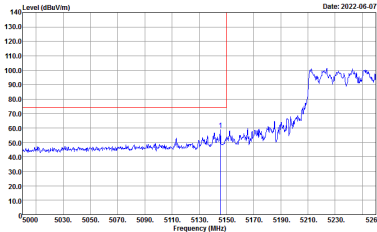
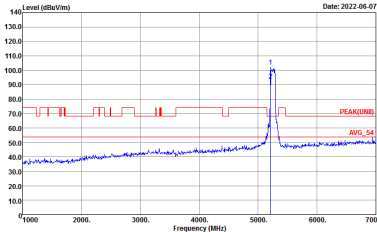
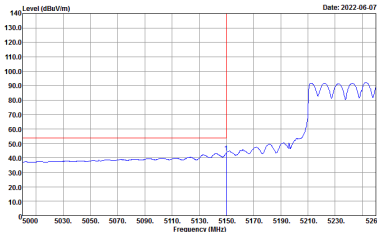
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



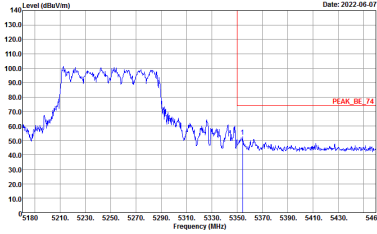
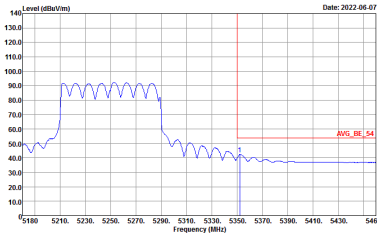
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 996/67 CH42 5210MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

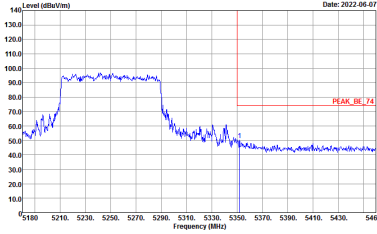
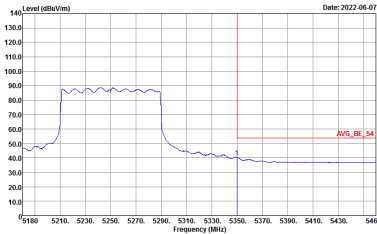


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 996/67 CH42 5210MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



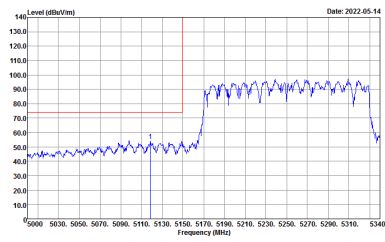
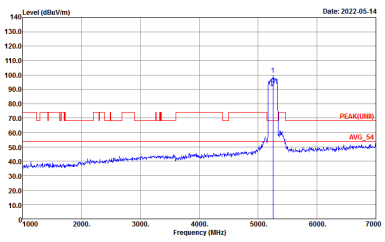
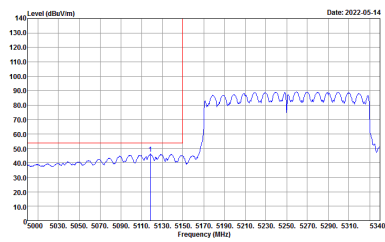
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 996/67 CH42 5210MHz - L	
5+4	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



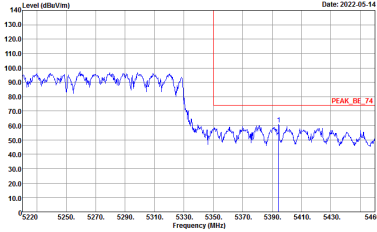
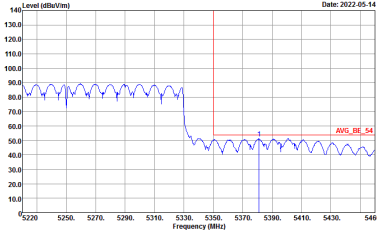
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 996/67 CH42 5210MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



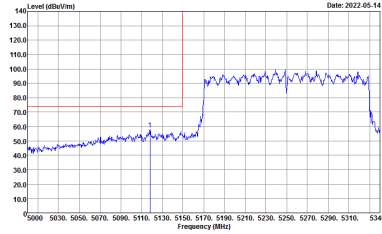
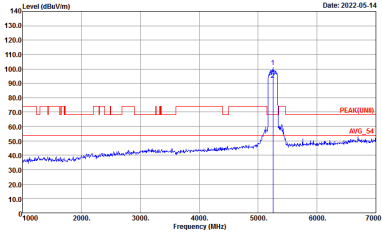
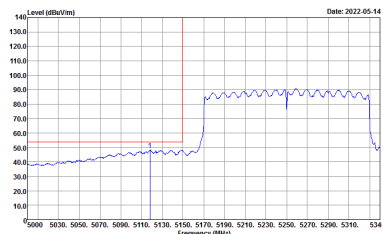
Band 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

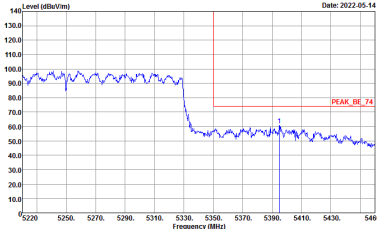
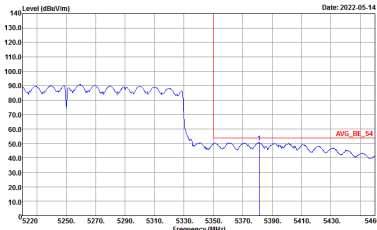


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000kHz VBW:1000kHz SWT:Auto	Left blank



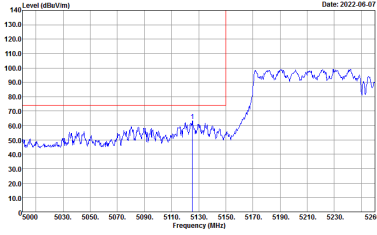
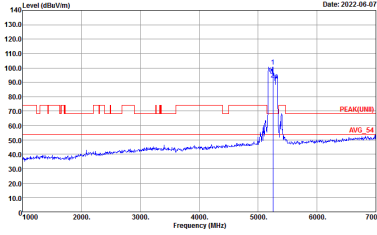
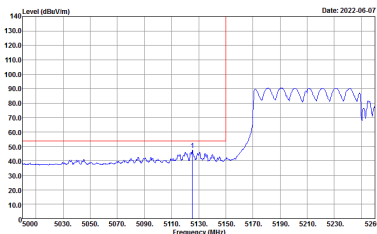
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



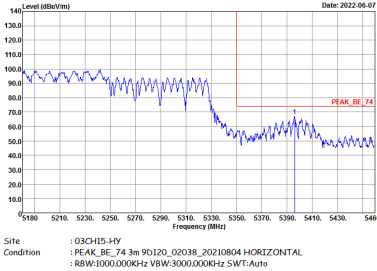
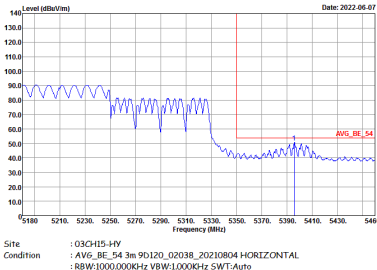
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



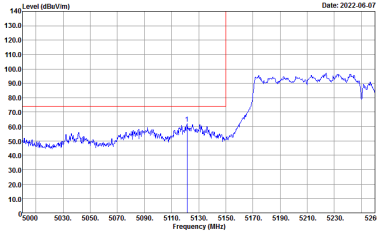
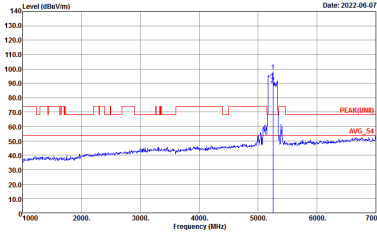
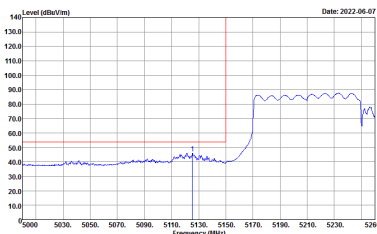
Band 1 5150~5250MHz
WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH50 5250MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

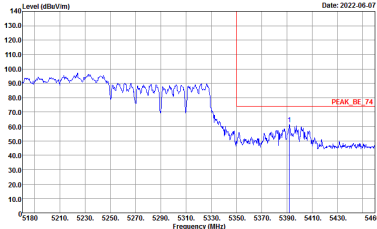
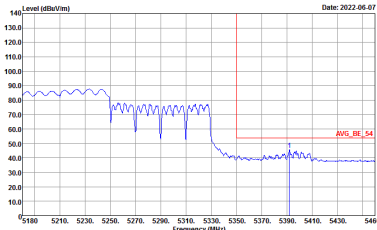


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH50 5250MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

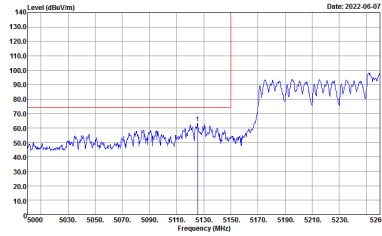
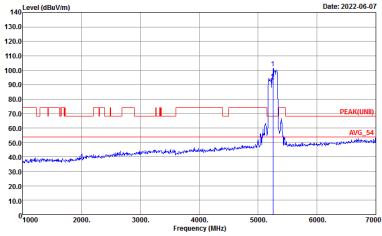
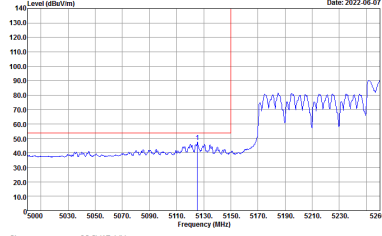


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH50 5250MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

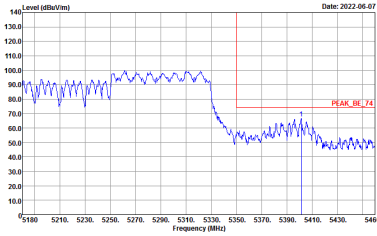
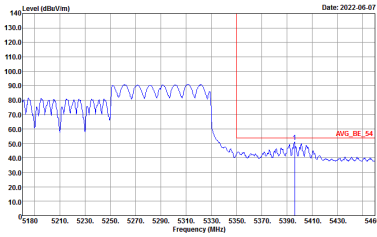


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH50 5250MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

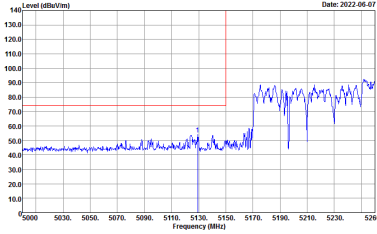
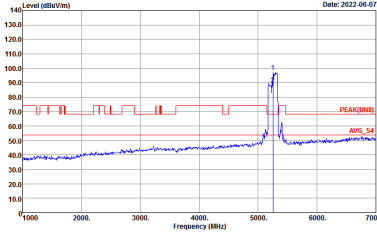
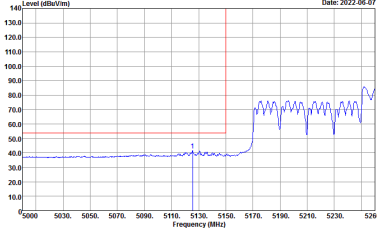


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/S67 CH50 5250MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

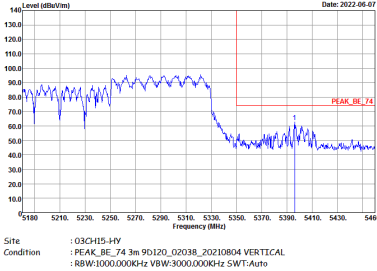
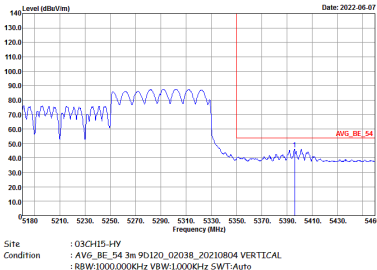


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/S67 CH50 5250MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



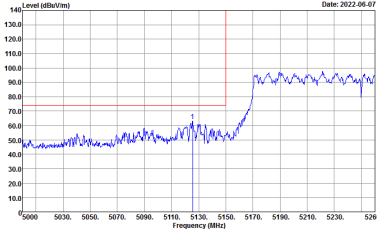
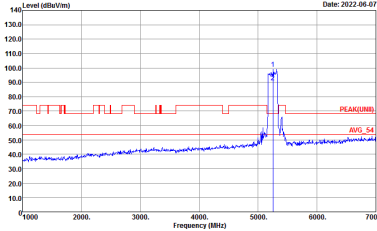
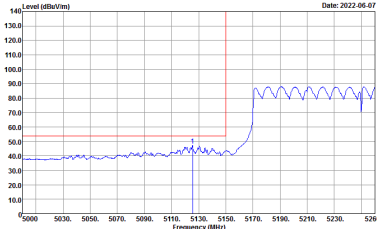
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/S67 CH50 5250MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



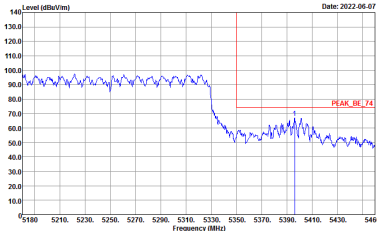
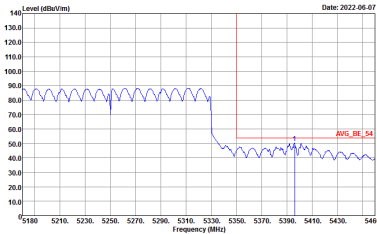
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/S67 CH50 5250MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



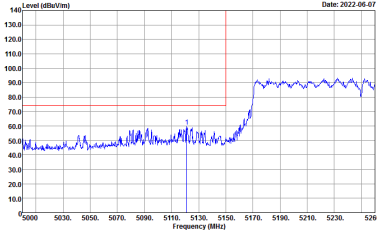
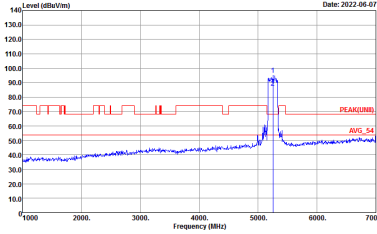
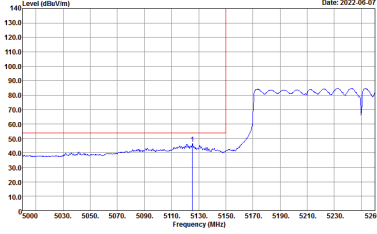
Band 1 5150~5250MHz
WIFI 802.11ax HE160 Partial 1992 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH50 5250MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH50 5250MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



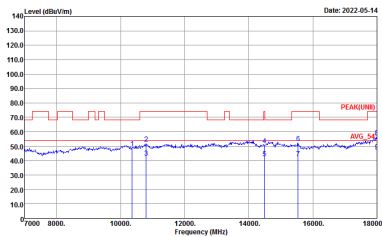
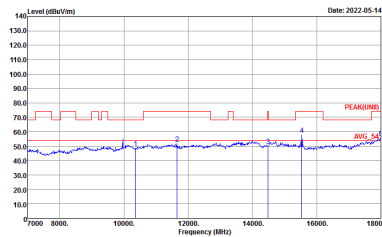
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH50 5250MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



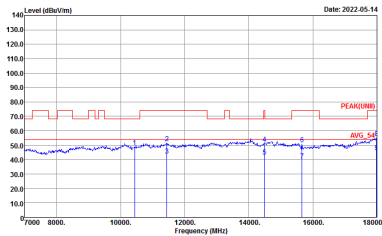
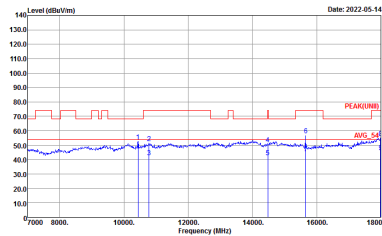
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 1992/68 CH50 5250MHz - R	
5+4	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



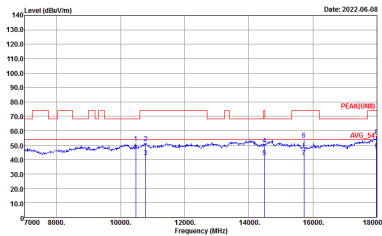
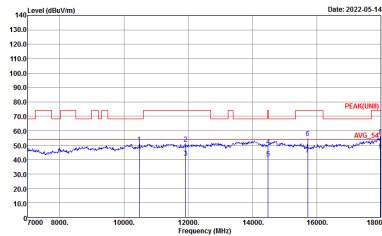
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
5+4	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-05-14  Site : 03CH15-HY Condition : PEAK(UWB) 3m 90120_02038_20210804 HORIZONTAL	Level (dBuV/m) Date: 2022-05-14  Site : 03CH15-HY Condition : PEAK(UWB) 3m 90120_02038_20210804 VERTICAL



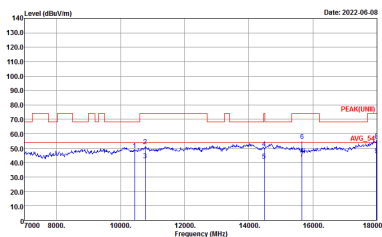
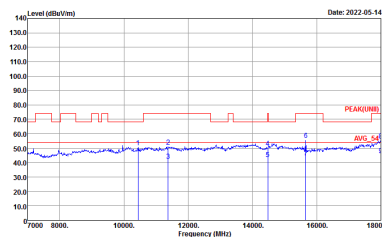
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK[UNII] 3m 90120_02038_20210804 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK[UNII] 3m 90120_02038_20210804 VERTICAL



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK[UNII] 3m 90120_02038_20210804 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK[UNII] 3m 90120_02038_20210804 VERTICAL

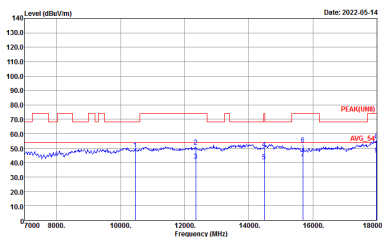
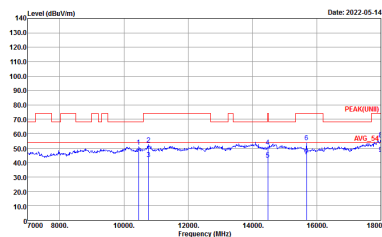


Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL

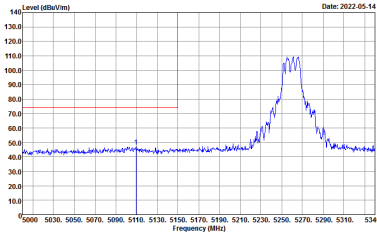
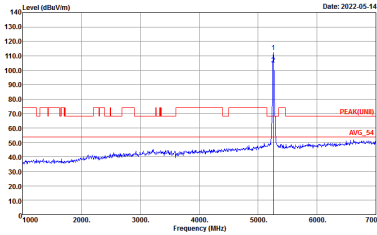
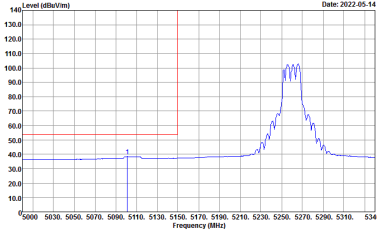


Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

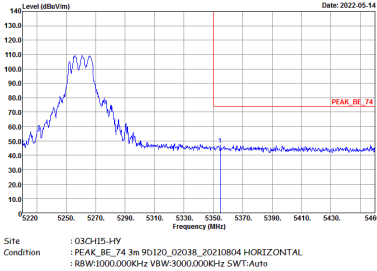
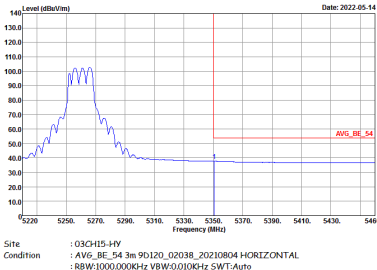
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 VERTICAL



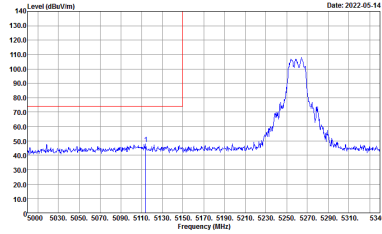
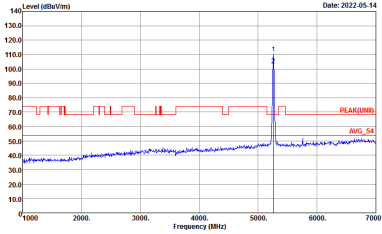
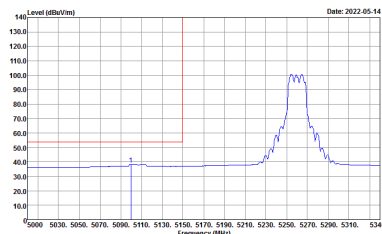
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

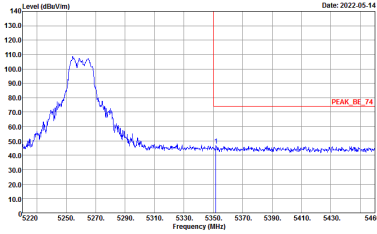
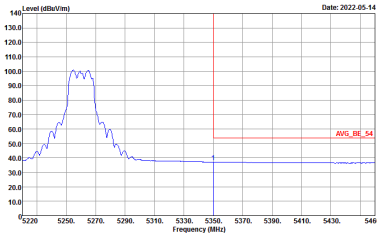


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

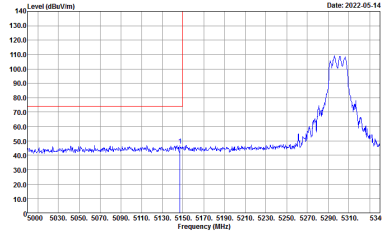
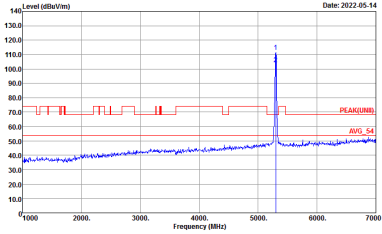
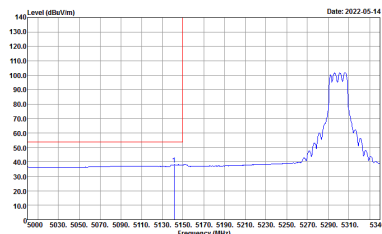


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

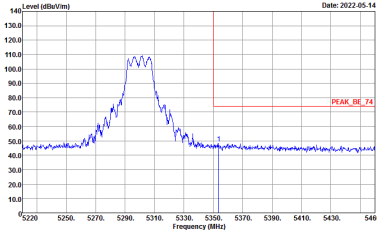
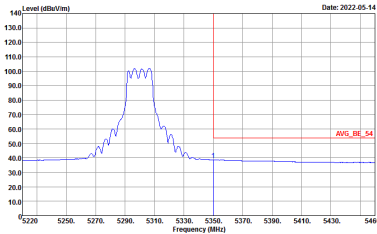


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

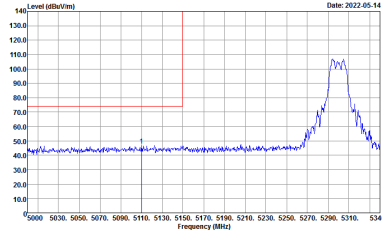
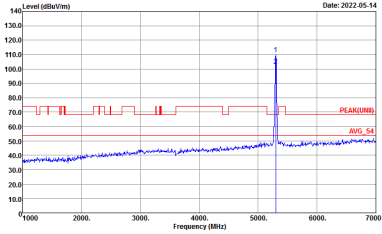
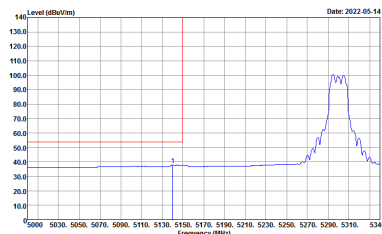


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

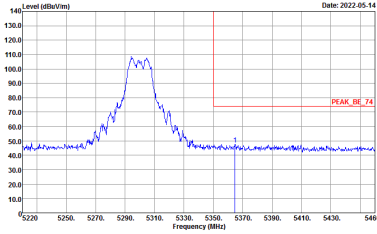
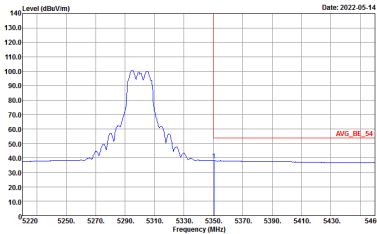


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-05-14	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-05-14	Left blank

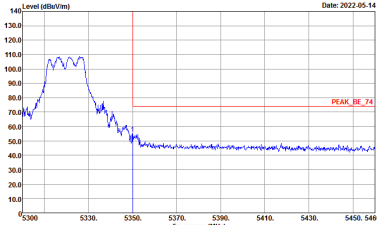
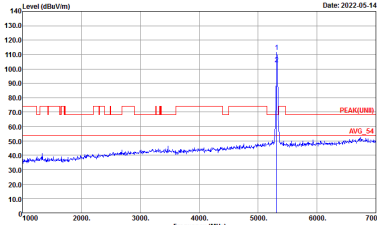
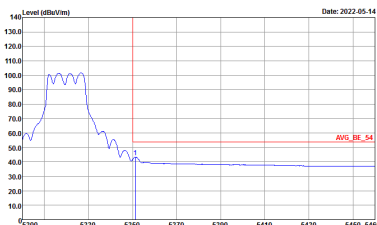


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

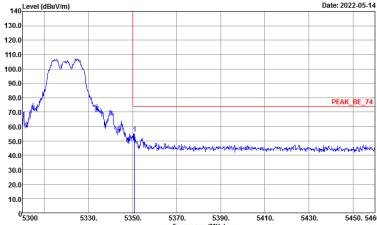
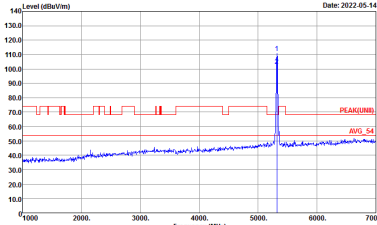


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
5+4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank