



FCC RADIO TEST REPORT

FCC ID : B94SNPRC2450
Equipment : 802.11 a/b/g/n/ac/ax WLAN + BLE Radio Module
Brand Name : HP
Model Name : SNPRC-2450
Applicant : HP Singapore (Private) Limited
1 Depot Close, Singapore 109841
Manufacturer : HP Singapore (Private) Limited
1 Depot Close, Singapore 109841
Standard : FCC Part 15 Subpart E §15.407

The product was received on Sep. 12, 2024 and testing was performed from Oct. 07, 2024 to Nov. 05, 2024. 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FR491243C	01	Initial issue of report	Dec. 20, 2024
FR491243C	02	Revise antenna information This report is an updated version, replacing the report issued on Dec. 20, 2024.	Dec. 31, 2024
FR491243C	03	Revise equipment name This report is an updated version, replacing the report issued on Dec. 31, 2024.	Jan. 09, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
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	0.12 dB under the limit at 5149.76 MHz
3.5	15.207	AC Conducted Emission	Pass	19.13 dB under the limit at 0.16 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Danny Lee

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth - LE (125 kbps, 500 kbps, 1Mbps, 2Mbps), Wi-Fi 2.4GHz 802.11b/g/n/ax, and Wi-Fi 5GHz 802.11a/n/ac/ax.	
Sample 1	0960-6201 (milligrid connector, 2 on-board antennas)
Sample 2	0960-6202 (milligrid connector, 1 on-board antenna + 1 external antenna)
Sample 3	0960-6203 (FFC connector, 2 on-board antennas)

Antenna Information					
Brand	Antenna Type	Model	2.4 GHz Gain	5 GHz Gain	Sample
HP	PCB	SNPRC-2450	3dBi	3.8dBi	0960-6201
HP	PCB	SNPRC-2450	3dBi	3.8dBi	0960-6202
HP	PCB	SNPRC-2450	3dBi	3.8dBi	0960-6203
YAGEO	PCB	ANTX300P002B24553	0.9dBi	2.3dBi	0960-6202
YAGEO	PCB	ANTX200P002B24553	0.9dBi	2.3dBi	0960-6202
WNC	PCB	81EAB815.G23	2dBi	3dBi	0960-6202
WNC	PCB	81EAB815.G24	-0.3dBi	1.5dBi	0960-6202

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. 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, CO07-HY, 03CH12-HY, 03CH21-HY, TH05-09-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.
- ♦ 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 only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	-	-	-	-
	40	5200	48	5240
	-	-		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	-	-	-	-
	56	5280	64	5320
	-	-		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	-	-	116	5580
	104	5520	132	5660
	-	-	-	-
	108	5540	136	5680
	-	-	140	5700

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	-	-	-	-
	153	5765	161	5805
	-	-	165	5825

2.2 Test Mode

This device support 26/52/106/242-tone RU.

The 242-tone RU is covered by 20MHz channel.

The power for 802.11ac mode is smaller than 802.11n mode, so all other conducted and radiated test is covered by 802.11n mode.

The final test modes include the worst data rates for each modulation shown in the table below.

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ax HE20	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) TX + Development Kit + USB Cable (Charging from Notebook) for Sample 1
Remark: For Radiated Test Cases, the tests were performed with Sample 1.	



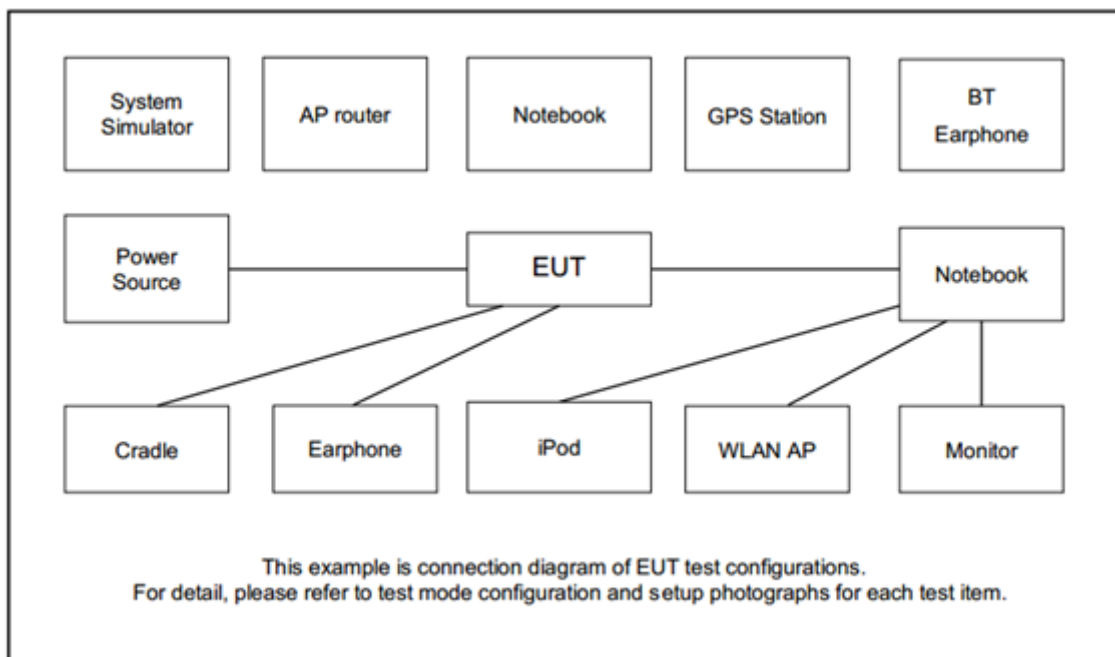
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz	Band IV : 5725-5850 MHz
		802.11a	802.11a	802.11a	802.11a
L	Low	36	52	100	149
M	Middle	44	60	116	157
H	High	48	64	140	165

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz	Band IV : 5725-5850 MHz
		802.11n HT20	802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100	149
M	Middle	44	60	116	157
H	High	48	64	140	165

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz	Band IV : 5725-5850 MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100	149
M	Middle	44	60	116	157
H	High	48	64	140	165

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.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
2.	Notebook	Lenovo	81DE	FCC DoC	N/A	AC I/P : Unshielded, 1.2 m DC O/P : Shielded, 1.8 m
3.	Notebook	DELL	Latitude 3400	N/A	N/A	AC I/P : Unshielded, 1.2 m DC O/P : Shielded, 1.8 m
4.	Notebook	Lenovo	IdeaPad Gaming 3 15IHU6	PD9AX201NG	N/A	AC I/P : Unshielded, 1.2 m DC O/P : Shielded, 1.8 m
5.	iPod	Apple	A1199	FCC DoC	Shielded, 1.0 m	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
6.	Development Kit	TI	LP-XDS110ET	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "Radio-Tool 2.3.0-rt" 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 6dB and 26dB and 99% Occupied Bandwidth

The 6 dB bandwidth shall be at least 500kHz for 5725-5850MHz.

There is no restriction limits for 26dB and 99% Occupied bandwidth.

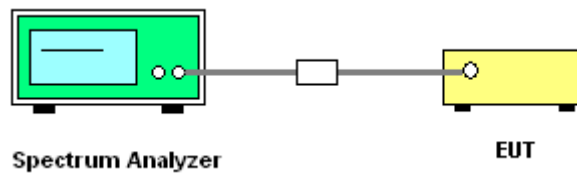
3.1.2 Measuring Instruments

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.
9. For 6dB Bandwidth Measurement
 - (1) The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
 - (2) Section C) Emission bandwidth for the band 5.725-5.85 GHz
 - (3) Set RBW = 100 kHz.
 - (4) Set the VBW $\geq 3 \times RBW$.
 - (5) Detector = Peak.
 - (6) Trace mode = max hold
 - (7) Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
 - (8) Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

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 dBm $10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725–5.85 GHz bands:

■ The maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

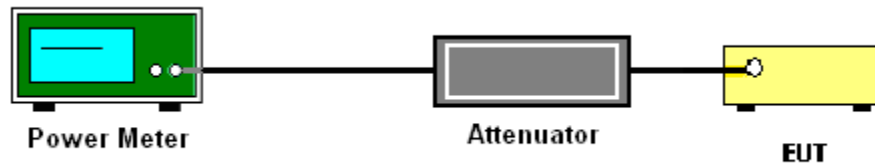
3.2.3 Test Procedures

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.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

For the 5.725–5.85 GHz bands:

The maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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

For the band 5.15-5.725 GHz

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

Section F) Maximum power spectral density.

Method SA-2

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

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

For the band 5.725–5.85 GHz

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

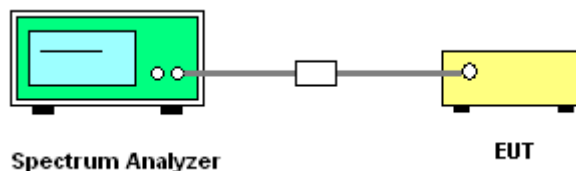
Section F) Maximum power spectral density.

Method SA-2

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

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 300kHz.
 - Set VBW ≥ 1 MHz.
 - Add $10 \log(500 \text{ kHz}/\text{RBW})$ to the measured result, whereas RBW ($< 500 \text{ kHz}$) is the reduced resolution bandwidth of the spectrum analyzer set during measurement
 - Number of points in sweep $\geq 2 \text{ Span} / \text{RBW}$.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6 \text{ dB}$ if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

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.

For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (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

- 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.

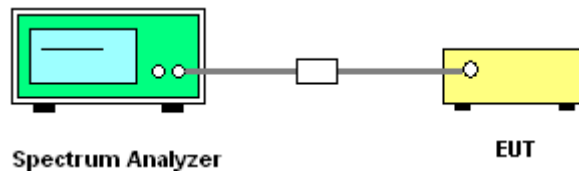


2. Measure the conducted output power (in dBm) using the peak detector.
3. Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP.
4. Add the appropriate maximum ground reflection factor to the EIRP (6 dB for frequencies ≤ 30 MHz; 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive; and 0 dB for frequencies > 1000 MHz).
5. Convert the resultant EIRP to an equivalent electric field strength using the following relationship:
$$E = \text{EIRP} - 20 \log d + 104.8,$$

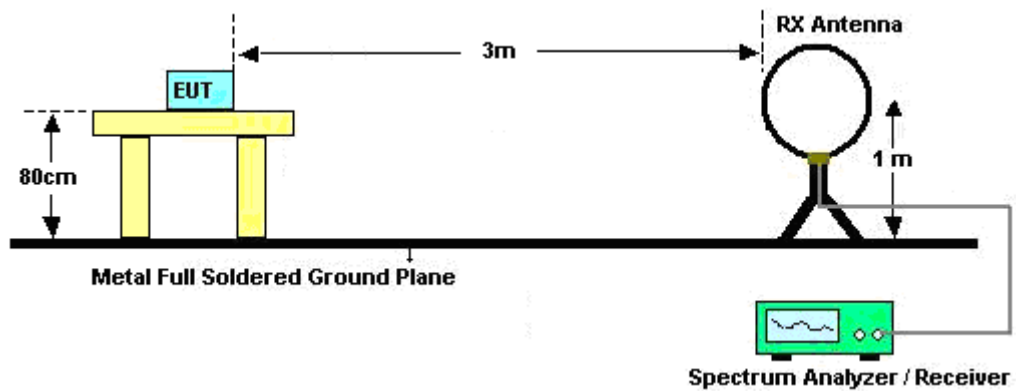
where
E is the electric field strength in dB μ V/m
EIRP is the equivalent isotropically radiated power in dBm
d is the specified measurement distance in 3m
6. Compare the resultant electric field strength level with the applicable regulatory limit.
7. Corrected Reading for conducted spurious emission: Antenna Factor + Cable Loss + Read Level = Level
8. Perform the cabinet radiated spurious emission test.
9. 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.
10. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
11. 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.
12. 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.
13. 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 “-”.
14. 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

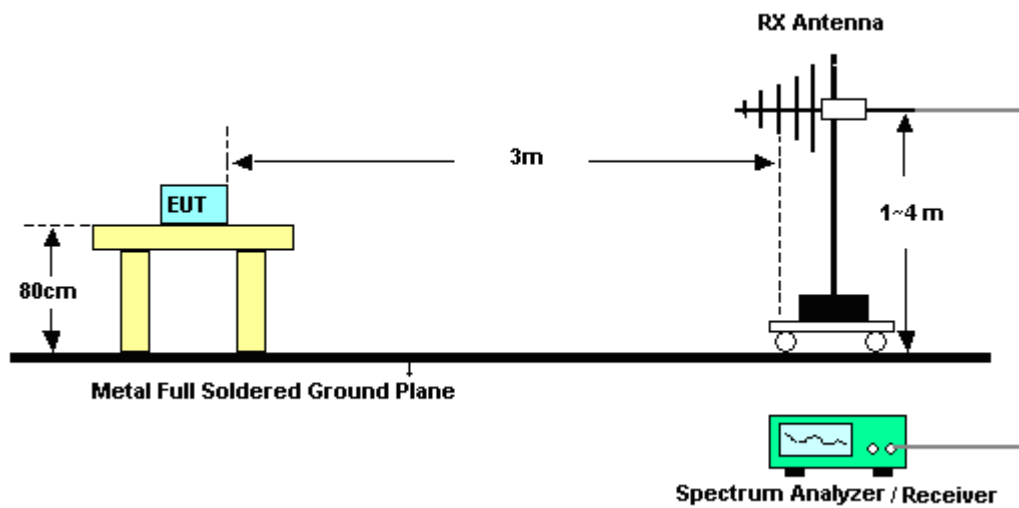
For Conducted Measurement Setup:



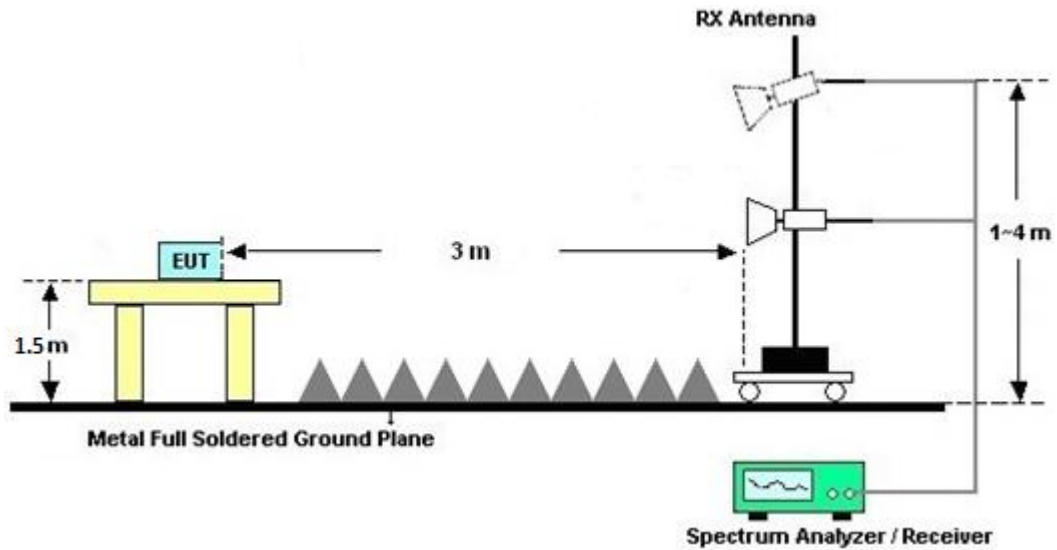
For radiated emissions below 30MHz



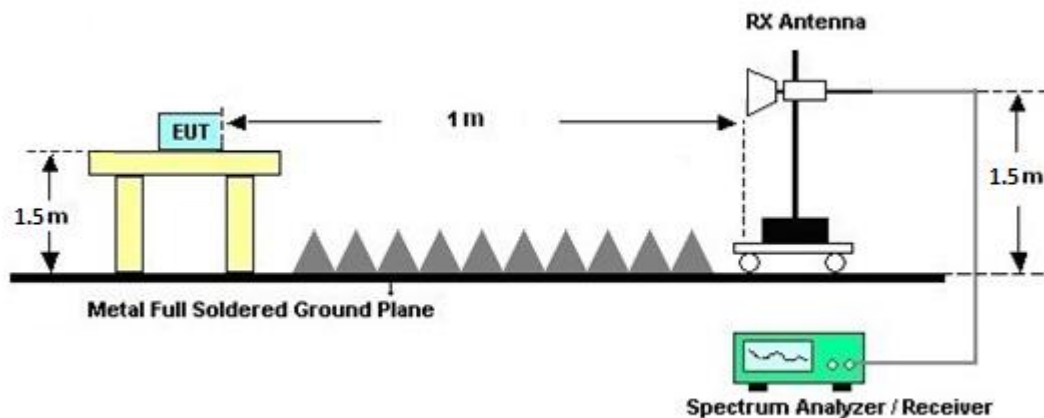
For radiated emissions from 30MHz to 1GHz



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 comes out very similar.



3.4.6 Test Result of Conduced Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Test Result of Conduced Spurious Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.4.8 Test Result of Cabinet Radiated Spurious at Band Edges

Please refer to Appendix E.

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

Please refer to Appendix E.

3.4.10 Duty Cycle

Please refer to Appendix F.

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.

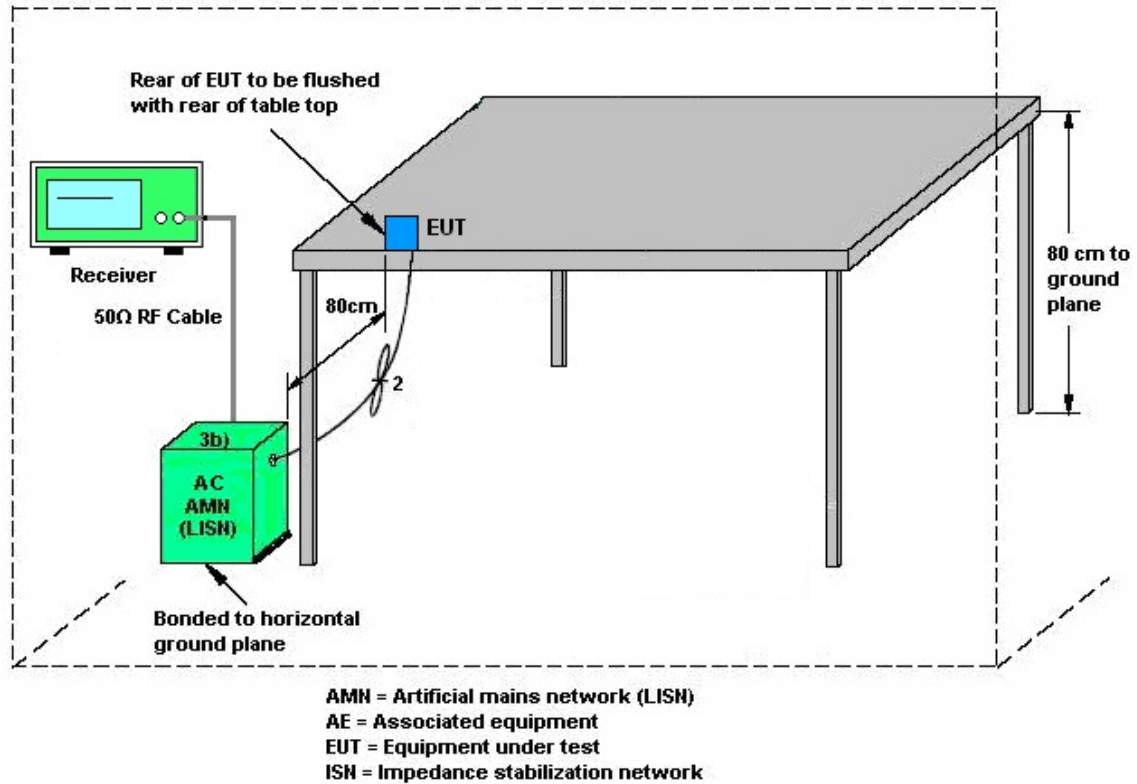
3.5.2 Measuring Instruments

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

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.6.2 Antenna Anti-Replacement Construction

<On-board Antenna>

Antenna permanently attached.

<External antenna>

Unique (non-standard) antenna connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Oct. 11, 2024~ Nov. 01, 2024	Feb. 22, 2025	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 03, 2023	Oct. 11, 2024~ Nov. 01, 2024	Nov. 02, 2024	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 11, 2024	Oct. 11, 2024~ Nov. 01, 2024	Jul. 10, 2025	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2023	Oct. 11, 2024~ Nov. 01, 2024	Nov. 23, 2024	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 20, 2024	Oct. 11, 2024~ Nov. 01, 2024	Mar. 19, 2025	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	May 22, 2024	Oct. 11, 2024~ Nov. 01, 2024	May 21, 2025	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz~18GHz	Dec. 20, 2023	Oct. 11, 2024~ Nov. 01, 2024	Dec. 19, 2024	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2023	Oct. 11, 2024~ Nov. 01, 2024	Dec. 06, 2024	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Aug. 09, 2024	Oct. 11, 2024~ Nov. 01, 2024	Aug. 08, 2025	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12 SS	SN2	1.2GHz Low Pass Filter	Mar. 13, 2024	Oct. 11, 2024~ Nov. 01, 2024	Mar. 12, 2025	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN2	6.75GHz High Pass Filter	Mar. 13, 2024	Oct. 11, 2024~ Nov. 01, 2024	Mar. 12, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Oct. 11, 2024~ Nov. 01, 2024	Mar. 05, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 18, 2023	Oct. 11, 2024~ Nov. 01, 2024	Dec. 17, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 18, 2023	Oct. 11, 2024~ Nov. 01, 2024	Dec. 17, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 18, 2023	Oct. 11, 2024~ Nov. 01, 2024	Dec. 17, 2024	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210090	N/A	Aug. 29, 2024	Oct. 11, 2024~ Nov. 01, 2024	Aug. 28, 2025	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 11, 2024~ Nov. 01, 2024	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Oct. 11, 2024~ Nov. 01, 2024	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Oct. 11, 2024~ Nov. 01, 2024	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Oct. 11, 2024~ Nov. 01, 2024	N/A	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Oct. 08, 2024~ Nov. 04, 2024	Aug. 28, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Oct. 08, 2024~ Nov. 04, 2024	Feb. 03, 2025	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18E N	1GHz~18GHz	Jul. 11, 2024	Oct. 08, 2024~ Nov. 04, 2024	Jul. 10, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Oct. 08, 2024~ Nov. 04, 2024	Jun. 23, 2025	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 14, 2024	Oct. 08, 2024~ Nov. 04, 2024	Jul. 13, 2025	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 27, 2024	Oct. 08, 2024~ Nov. 04, 2024	Sep. 26, 2025	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Oct. 08, 2024~ Nov. 04, 2024	Aug. 22, 2025	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 06, 2024	Oct. 08, 2024~ Nov. 04, 2024	Sep. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Oct. 08, 2024~ Nov. 04, 2024	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804 612/2,803954 /2	30MHz~40GHz	Aug. 12, 2024	Oct. 08, 2024~ Nov. 04, 2024	Aug. 11, 2025	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Oct. 08, 2024~ Oct. 20, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2024	Oct. 21, 2024~ Nov. 04, 2024	Oct. 20, 2025	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 08, 2024~ Nov. 04, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Oct. 08, 2024~ Nov. 04, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Oct. 08, 2024~ Nov. 04, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Oct. 08, 2024~ Nov. 04, 2024	N/A	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Oct. 07, 2024~ Nov. 05, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	15I00041SNO 10 (NO:248)	10MHz~6GHz	Jan. 10, 2024	Oct. 07, 2024~ Nov. 05, 2024	Jan. 09, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2024	Oct. 07, 2024~ Nov. 05, 2024	Aug. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Oct. 07, 2024~ Nov. 05, 2024	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24051 3	N/A	Conducted Other Test Item	N/A	Oct. 07, 2024~ Nov. 05, 2024	N/A	Conducted (TH05-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	Oct. 26, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Oct. 26, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	9kHz-200MHz	Jul. 30, 2024	Oct. 26, 2024	Jul. 29, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	Oct. 26, 2024	Mar. 13, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Oct. 26, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Oct. 26, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Oct. 26, 2024	Sep. 22, 2025	Conduction (CO07-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Sep. 24, 2024	Oct. 14, 2024~Nov. 05, 2024	Sep. 23, 2025	CSE (TH05-09-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN28	1.53GHz Low Pass Filter	May 22, 2024	Oct. 14, 2024~Nov. 05, 2024	May 21, 2025	CSE (TH05-09-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN6	3GHz High Pass Filter	May 22, 2024	Oct. 14, 2024~Nov. 05, 2024	May 21, 2025	CSE (TH05-09-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Oct. 14, 2024~Nov. 05, 2024	Mar. 05, 2025	CSE (TH05-09-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.44 dB
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<For 03CH12-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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<For 03CH21-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.5 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku and Junyu Jhou	Temperature:	21~25	°C
Test Date:	2024/10/7~2024/11/5	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.27	17.67	21.83	22.06	-		22.37	22.47	-
11a	6Mbps	1	44	5220	17.70	17.71	22.27	22.35	-		22.48	22.48	
11a	6Mbps	1	48	5240	17.77	17.71	22.58	22.25	-		22.50	22.48	
HT20	MCS0	1	36	5180	17.86	17.83	21.88	21.72	-		22.52	22.51	
HT20	MCS0	1	44	5220	18.05	18.07	23.08	22.95	-		22.56	22.57	
HT20	MCS0	1	48	5240	18.06	18.04	23.06	23.09	-		22.57	22.56	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	15.05	15.95	24.00	24.00	3.80	3.80	Pass
11a	6Mbps	1	44	5220	15.86	15.80	24.00	24.00	3.80	3.80	Pass
11a	6Mbps	1	48	5240	15.96	15.82	24.00	24.00	3.80	3.80	Pass
HT20	MCS0	1	36	5180	14.99	14.96	24.00	24.00	3.80	3.80	Pass
HT20	MCS0	1	44	5220	15.95	15.74	24.00	24.00	3.80	3.80	Pass
HT20	MCS0	1	48	5240	16.01	15.81	24.00	24.00	3.80	3.80	Pass
VHT20	MCS0	1	36	5180	14.89	14.86	24.00	24.00	3.80	3.80	Pass
VHT20	MCS0	1	44	5220	15.85	15.64	24.00	24.00	3.80	3.80	Pass
VHT20	MCS0	1	48	5240	15.91	15.71	24.00	24.00	3.80	3.80	Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	4.19	4.19	5.10	5.86	11.00	11.00	3.80	3.80	Pass
11a	6Mbps	1	44	5220	4.19	4.19	5.76	5.89	11.00	11.00	3.80	3.80	Pass
11a	6Mbps	1	48	5240	4.19	4.19	6.02	6.05	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	36	5180	4.43	4.43	4.57	4.33	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	44	5220	4.43	4.43	5.53	5.39	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	48	5240	4.43	4.43	5.26	5.78	11.00	11.00	3.80	3.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.71	17.71	22.33	22.77	23.48	23.48	29.48	29.48	23.98	23.98	-
11a	6Mbps	1	60	5300	17.73	17.76	22.17	22.62	23.49	23.49	29.49	29.49	23.98	23.98	
11a	6Mbps	1	64	5320	17.79	17.70	22.19	22.17	23.50	23.48	29.50	29.48	23.98	23.98	
HT20	MCS0	1	52	5260	18.05	18.05	23.33	23.00	23.57	23.56	29.57	29.56	23.98	23.98	
HT20	MCS0	1	60	5300	18.06	18.04	22.99	24.09	23.57	23.56	29.57	29.56	23.98	23.98	
HT20	MCS0	1	64	5320	18.06	18.03	22.92	22.93	23.57	23.56	29.57	29.56	23.98	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	16.00	16.30	23.98	23.98	3.80	3.80	30	Pass
11a	6Mbps	1	60	5300	16.05	16.25	23.98	23.98	3.80	3.80	30	Pass
11a	6Mbps	1	64	5320	16.17	16.07	23.98	23.98	3.80	3.80	30	Pass
HT20	MCS0	1	52	5260	15.92	16.21	23.98	23.98	3.80	3.80	30	Pass
HT20	MCS0	1	60	5300	16.03	16.19	23.98	23.98	3.80	3.80	30	Pass
HT20	MCS0	1	64	5320	16.02	16.00	23.98	23.98	3.80	3.80	30	Pass
VHT20	MCS0	1	52	5260	15.82	16.11	23.98	23.98	3.80	3.80	30	Pass
VHT20	MCS0	1	60	5300	15.93	16.09	23.98	23.98	3.80	3.80	30	Pass
VHT20	MCS0	1	64	5320	15.92	15.99	23.98	23.98	3.80	3.80	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	4.19	4.19	6.14	6.10	11.00	11.00	3.80	3.80	Pass
11a	6Mbps	1	60	5300	4.19	4.19	5.96	6.12	11.00	11.00	3.80	3.80	Pass
11a	6Mbps	1	64	5320	4.19	4.19	6.06	6.51	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	52	5260	4.43	4.43	5.57	6.12	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	60	5300	4.43	4.43	5.25	5.75	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	64	5320	4.43	4.43	5.05	5.93	11.00	11.00	3.80	3.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.43	17.39	22.40	22.23	23.41	23.40	29.41	29.40	23.98	23.98	----	----
11a	6Mbps	1	116	5580	17.39	17.46	22.15	22.10	23.40	23.42	29.40	29.42	23.98	23.98	----	----
11a	6Mbps	1	140	5700	17.42	17.42	22.22	21.53	23.41	23.41	29.41	29.41	23.98	23.98	----	----
HT20	MCS0	1	100	5500	17.90	17.94	21.88	22.11	23.53	23.54	29.53	29.54	23.98	23.98	----	----
HT20	MCS0	1	116	5580	17.92	17.93	22.70	22.90	23.53	23.54	29.53	29.54	23.98	23.98	----	----
HT20	MCS0	1	140	5700	17.95	17.91	22.87	22.86	23.54	23.53	29.54	29.53	23.98	23.98	----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	16.16	16.04	23.98	23.98	3.80	3.80	30	Pass
11a	6Mbps	1	116	5580	16.40	15.90	23.98	23.98	3.80	3.80	30	Pass
11a	6Mbps	1	140	5700	16.37	15.48	23.98	23.98	3.80	3.80	30	Pass
HT20	MCS0	1	100	5500	16.09	15.96	23.98	23.98	3.80	3.80	30	Pass
HT20	MCS0	1	116	5580	16.28	15.74	23.98	23.98	3.80	3.80	30	Pass
HT20	MCS0	1	140	5700	16.23	15.37	23.98	23.98	3.80	3.80	30	Pass
VHT20	MCS0	1	100	5500	15.99	15.86	23.98	23.98	3.80	3.80	30	Pass
VHT20	MCS0	1	116	5580	16.18	15.64	23.98	23.98	3.80	3.80	30	Pass
VHT20	MCS0	1	140	5700	16.13	15.27	23.98	23.98	3.80	3.80	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	4.19	4.19	6.59	6.09	11.00	11.00	3.80	3.80	Pass
11a	6Mbps	1	116	5580	4.19	4.19	6.86	6.06	11.00	11.00	3.80	3.80	Pass
11a	6Mbps	1	140	5700	4.19	4.19	6.37	5.20	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	100	5500	4.43	4.43	5.75	5.53	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	116	5580	4.43	4.43	5.84	5.18	11.00	11.00	3.80	3.80	Pass
HT20	MCS0	1	140	5700	4.43	4.43	5.57	4.66	11.00	11.00	3.80	3.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	18.95	18.93	23.17	23.01	-		22.78	22.77	-	-
HE20	MCS0	1	36	5180	26/0	18.16	18.15	19.95	20.83	-		22.59	22.59		
HE20	MCS0	1	36	5180	52/37	18.00	18.01	20.70	21.52	-		22.55	22.55		
HE20	MCS0	1	36	5180	106/53	17.93	17.90	21.36	21.85	-		22.54	22.53		
HE20	MCS0	1	44	5220	Full	19.09	19.09	30.03	30.37	-		22.81	22.81		
HE20	MCS0	1	44	5220	26/4	16.52	16.50	18.26	18.22	-		22.18	22.18		
HE20	MCS0	1	44	5220	52/38	16.56	16.57	18.89	18.79	-		22.19	22.19		
HE20	MCS0	1	44	5220	106/53	17.86	17.91	22.22	21.58	-		22.52	22.53		
HE20	MCS0	1	48	5240	Full	19.12	19.10	30.36	32.09	-		22.82	22.81		
HE20	MCS0	1	48	5240	26/8	18.25	18.16	19.92	20.31	-		22.61	22.59		
HE20	MCS0	1	48	5240	52/40	18.05	18.03	21.67	20.99	-		22.56	22.56		
HE20	MCS0	1	48	5240	106/54	17.89	17.87	23.37	22.94	-		22.53	22.52		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	13.93	13.88	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	36	5180	26/0	11.14	10.92	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	36	5180	52/37	11.47	11.34	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	36	5180	106/53	11.81	11.68	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	Full	16.05	15.84	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	26/4	11.21	11.14	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	52/38	11.71	11.48	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	106/53	11.64	11.44	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	Full	16.11	15.74	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	26/8	11.09	11.09	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	52/40	11.34	11.43	24.00	24.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	106/54	11.75	11.80	24.00	24.00	3.80	3.80	Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	4.83	4.35	3.17	2.55	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	36	5180	26/0	5.14	5.14	8.89	8.61	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	36	5180	52/37	5.51	5.51	6.76	6.54	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	36	5180	106/53	5.29	5.29	3.93	3.98	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	Full	4.83	4.35	6.00	4.72	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	26/4	5.14	5.14	7.75	7.41	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	52/38	5.51	5.51	6.82	6.87	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	44	5220	106/53	5.29	5.29	3.71	3.63	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	Full	4.83	4.35	5.42	5.70	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	26/8	5.14	5.14	8.17	8.64	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	52/40	5.51	5.51	6.37	6.82	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	48	5240	106/54	5.29	5.29	3.59	4.20	11.00	11.00	3.80	3.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	19.08	19.11	29.75	30.46	23.81	23.81	29.81	29.81	23.98	23.98	
HE20	MCS0	1	52	5260	26/0	18.14	18.25	20.42	20.18	23.59	23.61	29.59	29.61	23.98	23.98	
HE20	MCS0	1	52	5260	52/37	18.01	18.00	21.10	20.57	23.56	23.55	29.56	29.55	23.98	23.98	
HE20	MCS0	1	52	5260	106/53	17.91	17.85	20.82	21.94	23.53	23.52	29.53	29.52	23.98	23.98	
HE20	MCS0	1	60	5300	Full	19.10	19.10	30.74	31.74	23.81	23.81	29.81	29.81	23.98	23.98	
HE20	MCS0	1	60	5300	26/4	16.55	16.58	18.27	18.30	23.19	23.20	29.19	29.20	23.62	23.63	
HE20	MCS0	1	60	5300	52/38	16.55	16.56	18.27	18.93	23.19	23.19	29.19	29.19	23.62	23.77	
HE20	MCS0	1	60	5300	106/53	17.86	17.91	23.01	22.70	23.52	23.53	29.52	29.53	23.98	23.98	
HE20	MCS0	1	64	5320	Full	18.99	18.97	28.15	26.74	23.78	23.78	29.78	29.78	23.98	23.98	
HE20	MCS0	1	64	5320	26/8	18.17	18.21	20.37	20.19	23.59	23.60	29.59	29.60	23.98	23.98	
HE20	MCS0	1	64	5320	52/40	18.09	18.07	20.94	21.81	23.57	23.57	29.57	29.57	23.98	23.98	
HE20	MCS0	1	64	5320	106/54	17.91	17.96	24.14	23.20	23.53	23.54	29.53	29.54	23.98	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	16.02	16.31	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	52	5260	26/0	11.25	11.38	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	52	5260	52/37	11.54	11.73	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	52	5260	106/53	11.91	12.04	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	60	5300	Full	15.60	16.29	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	60	5300	26/4	11.55	11.59	23.62	23.63	3.80	3.80	30	Pass
HE20	MCS0	1	60	5300	52/38	11.94	12.01	23.62	23.77	3.80	3.80	30	Pass
HE20	MCS0	1	60	5300	106/53	11.92	11.88	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	64	5320	Full	15.12	15.52	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	64	5320	26/8	10.58	11.50	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	64	5320	52/40	10.95	11.78	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	64	5320	106/54	11.41	11.78	23.98	23.98	3.80	3.80	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	4.83	4.35	5.35	5.69	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	52	5260	26/0	5.14	5.14	8.89	9.09	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	52	5260	52/37	5.51	5.51	6.64	6.90	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	52	5260	106/53	5.29	5.29	3.92	4.12	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	60	5300	Full	4.83	4.35	5.38	5.22	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	60	5300	26/4	5.14	5.14	7.31	7.65	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	60	5300	52/38	5.51	5.51	6.95	7.43	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	60	5300	106/53	5.29	5.29	3.64	4.10	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	64	5320	Full	4.83	4.35	3.73	4.66	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	64	5320	26/8	5.14	5.14	8.30	9.18	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	64	5320	52/40	5.51	5.51	6.13	7.34	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	64	5320	106/54	5.29	5.29	3.33	4.28	11.00	11.00	3.80	3.80	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	19.02	19.04	29.17	27.24	23.79	23.80	29.79	29.80	23.98	23.98	----	----
HE20	MCS0	1	100	5500	26/0	18.19	18.16	20.05	19.91	23.60	23.59	29.60	29.59	23.98	23.98	----	----
HE20	MCS0	1	100	5500	52/37	17.97	17.94	20.47	20.53	23.55	23.54	29.55	29.54	23.98	23.98	----	----
HE20	MCS0	1	100	5500	106/53	17.86	17.82	20.99	22.40	23.52	23.51	29.52	29.51	23.98	23.98	----	----
HE20	MCS0	1	116	5580	Full	19.04	19.06	28.25	30.66	23.80	23.80	29.80	29.80	23.98	23.98	----	----
HE20	MCS0	1	116	5580	26/4	16.54	16.53	18.17	18.23	23.19	23.18	29.19	29.18	23.59	23.61	----	----
HE20	MCS0	1	116	5580	52/38	16.56	16.54	18.23	18.25	23.19	23.19	29.19	29.19	23.61	23.61	----	----
HE20	MCS0	1	116	5580	106/53	17.86	17.82	22.30	22.86	23.52	23.51	29.52	29.51	23.98	23.98	----	----
HE20	MCS0	1	140	5700	Full	19.05	19.05	30.74	27.45	23.80	23.80	29.80	29.80	23.98	23.98	----	----
HE20	MCS0	1	140	5700	26/8	18.27	18.11	19.82	20.51	23.62	23.58	29.62	29.58	23.97	23.98	----	----
HE20	MCS0	1	140	5700	52/40	18.00	18.00	20.35	21.22	23.55	23.55	29.55	29.55	23.98	23.98	----	----
HE20	MCS0	1	140	5700	106/54	17.91	17.91	22.19	23.22	23.53	23.53	29.53	29.53	23.98	23.98	----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	16.19	16.06	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	100	5500	26/0	10.92	10.81	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	100	5500	52/37	11.28	11.24	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	100	5500	106/53	11.57	11.60	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	116	5580	Full	16.38	15.84	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	116	5580	26/4	11.52	11.00	23.59	23.61	3.80	3.80	30	Pass
HE20	MCS0	1	116	5580	52/38	11.84	11.44	23.61	23.61	3.80	3.80	30	Pass
HE20	MCS0	1	116	5580	106/53	11.90	11.45	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	140	5700	Full	16.33	15.47	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	140	5700	26/8	11.02	10.30	23.97	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	140	5700	52/40	11.53	10.69	23.98	23.98	3.80	3.80	30	Pass
HE20	MCS0	1	140	5700	106/54	11.82	11.02	23.98	23.98	3.80	3.80	30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	100	5500	Full	4.83	4.35	5.45	4.76	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	100	5500	26/0	5.14	5.14	8.59	8.56	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	100	5500	52/37	5.51	5.51	6.63	6.62	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	100	5500	106/53	5.29	5.29	3.74	3.80	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	116	5580	Full	4.83	4.35	5.29	4.53	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	116	5580	26/4	5.14	5.14	7.73	7.00	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	116	5580	52/38	5.51	5.51	7.27	6.88	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	116	5580	106/53	5.29	5.29	3.90	3.55	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	140	5700	Full	4.83	4.35	5.32	4.26	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	140	5700	26/8	5.14	5.14	8.57	7.71	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	140	5700	52/40	5.51	5.51	6.45	6.10	11.00	11.00	3.80	3.80	Pass
HE20	MCS0	1	140	5700	106/54	5.29	5.29	3.65	3.01	11.00	11.00	3.80	3.80	Pass

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	149	5745	17.38	17.39	21.74	21.93	15.18	15.09	0.5	Pass
11a	6Mbps	1	157	5785	17.60	17.56	21.98	22.30	15.08	15.10	0.5	Pass
11a	6Mbps	1	165	5825	17.43	17.47	22.17	22.04	15.18	15.03	0.5	Pass
HT20	MCS0	1	149	5745	17.90	17.95	22.88	22.76	15.14	15.14	0.5	Pass
HT20	MCS0	1	157	5785	17.95	17.93	26.74	22.79	15.06	15.12	0.5	Pass
HT20	MCS0	1	165	5825	17.94	17.96	22.85	22.70	15.17	15.16	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	16.57	15.61	30.00	30.00	3.80	3.80	Pass
11a	6Mbps	1	157	5785	16.10	14.90	30.00	30.00	3.80	3.80	Pass
11a	6Mbps	1	165	5825	16.50	15.52	30.00	30.00	3.80	3.80	Pass
HT20	MCS0	1	149	5745	16.49	15.52	30.00	30.00	3.80	3.80	Pass
HT20	MCS0	1	157	5785	15.98	14.81	30.00	30.00	3.80	3.80	Pass
HT20	MCS0	1	165	5825	16.42	15.43	30.00	30.00	3.80	3.80	Pass
VHT20	MCS0	1	149	5745	16.39	15.42	30.00	30.00	3.80	3.80	Pass
VHT20	MCS0	1	157	5785	15.88	14.71	30.00	30.00	3.80	3.80	Pass
VHT20	MCS0	1	165	5825	16.32	15.33	30.00	30.00	3.80	3.80	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)		Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	4.19	4.19	2.22	2.22	2.85	2.62	30.00	30.00	3.80	3.80	Pass
11a	6Mbps	1	157	5785	4.19	4.19	2.22	2.22	2.79	1.90	30.00	30.00	3.80	3.80	Pass
11a	6Mbps	1	165	5825	4.19	4.19	2.22	2.22	3.03	2.45	30.00	30.00	3.80	3.80	Pass
HT20	MCS0	1	149	5745	4.43	4.43	2.22	2.22	2.87	1.87	30.00	30.00	3.80	3.80	Pass
HT20	MCS0	1	157	5785	4.43	4.43	2.22	2.22	2.55	1.64	30.00	30.00	3.80	3.80	Pass
HT20	MCS0	1	165	5825	4.43	4.43	2.22	2.22	2.90	2.07	30.00	30.00	3.80	3.80	Pass

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	149	5745	Full	19.06	19.07	30.63	27.94	17.65	17.67	0.5	Pass
HE20	MCS0	1	149	5745	26/0	18.16	18.07	20.08	19.98	2.01	1.98	0.5	Pass
HE20	MCS0	1	149	5745	52/37	17.94	17.92	20.03	20.34	15.68	16.98	0.5	Pass
HE20	MCS0	1	149	5745	106/53	17.82	17.85	21.97	21.02	17.02	17.01	0.5	Pass
HE20	MCS0	1	157	5785	Full	19.08	19.06	25.46	29.98	17.67	16.43	0.5	Pass
HE20	MCS0	1	157	5785	26/4	16.52	16.57	18.27	18.15	2.61	2.64	0.5	Pass
HE20	MCS0	1	157	5785	52/38	16.51	16.53	18.22	18.22	14.99	14.98	0.5	Pass
HE20	MCS0	1	157	5785	106/53	17.85	17.85	23.00	20.81	16.98	16.99	0.5	Pass
HE20	MCS0	1	165	5825	Full	19.04	19.03	31.70	29.19	17.30	17.72	0.5	Pass
HE20	MCS0	1	165	5825	26/8	18.04	18.03	20.10	20.45	1.99	2.00	0.5	Pass
HE20	MCS0	1	165	5825	52/40	17.99	17.97	19.89	19.76	16.96	16.94	0.5	Pass
HE20	MCS0	1	165	5825	106/54	17.91	17.86	22.45	22.62	17.00	16.99	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	149	5745	Full	16.59	15.62	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	149	5745	26/0	11.40	10.70	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	149	5745	52/37	11.86	11.02	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	149	5745	106/53	12.19	11.36	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	Full	16.08	14.91	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	26/4	11.19	10.19	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	52/38	11.62	10.59	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	106/53	11.65	10.62	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	Full	16.52	15.53	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	26/8	11.28	10.40	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	52/40	11.64	10.76	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	106/54	11.98	11.12	30.00	30.00	3.80	3.80	Pass

TEST RESULTS DATA
Power Spectral Density

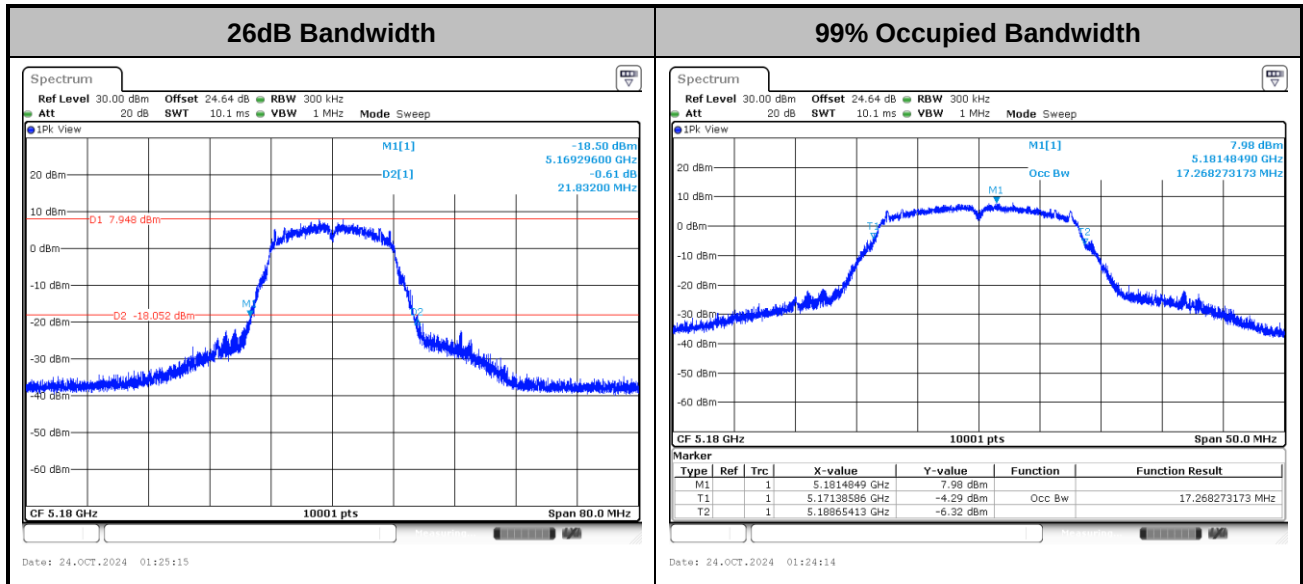
U-NII-3 single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)		Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	149	5745	Full	4.83	4.35	2.22	2.22	2.40	1.09	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	149	5745	26/0	5.14	5.14	2.22	2.22	5.85	5.28	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	149	5745	52/37	5.51	5.51	2.22	2.22	3.46	2.93	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	149	5745	106/53	5.29	5.29	2.22	2.22	0.67	0.05	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	Full	4.83	4.35	2.22	2.22	1.92	0.77	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	26/4	5.14	5.14	2.22	2.22	5.55	4.73	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	52/38	5.51	5.51	2.22	2.22	3.73	3.02	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	157	5785	106/53	5.29	5.29	2.22	2.22	0.44	-0.10	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	Full	4.83	4.35	2.22	2.22	2.24	1.11	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	26/8	5.14	5.14	2.22	2.22	5.87	5.35	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	52/40	5.51	5.51	2.22	2.22	3.44	3.12	30.00	30.00	3.80	3.80	Pass
HE20	MCS0	1	165	5825	106/54	5.29	5.29	2.22	2.22	0.60	0.26	30.00	30.00	3.80	3.80	Pass

**Test Result of 26dB & 99% Occupied Bandwidth**

<For Band 1~3>

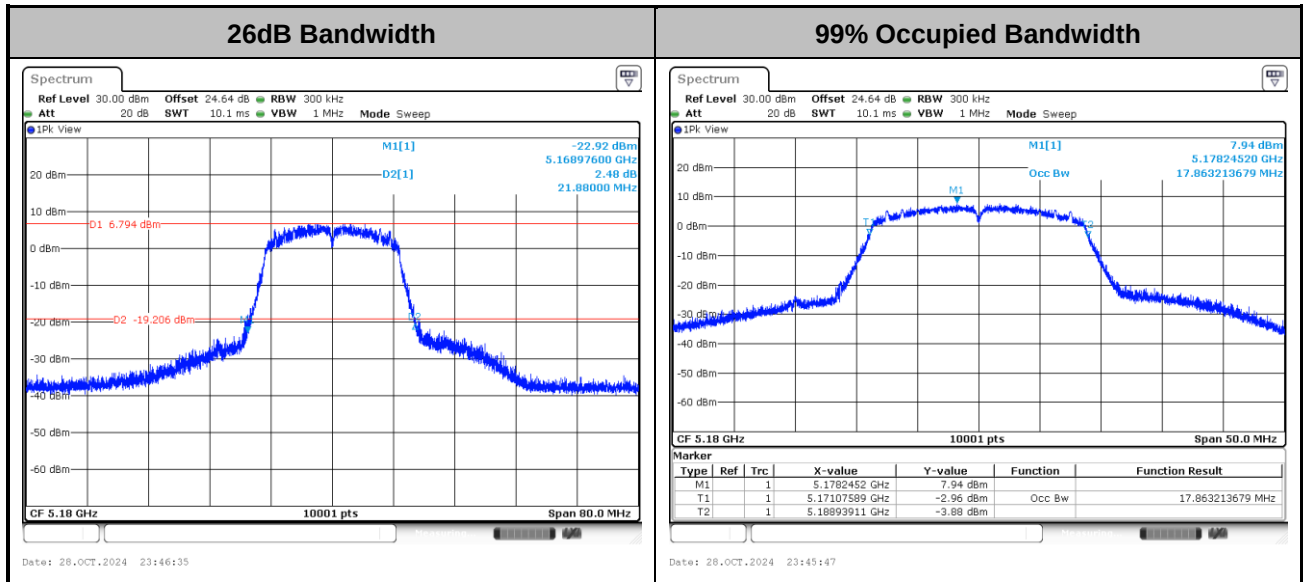
<Ant. 1>

<802.11a>

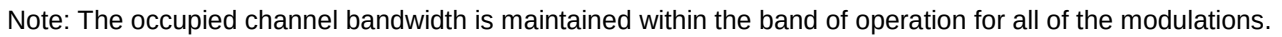


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

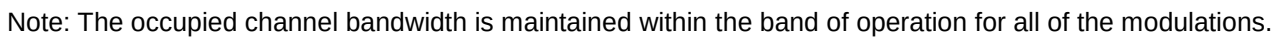


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



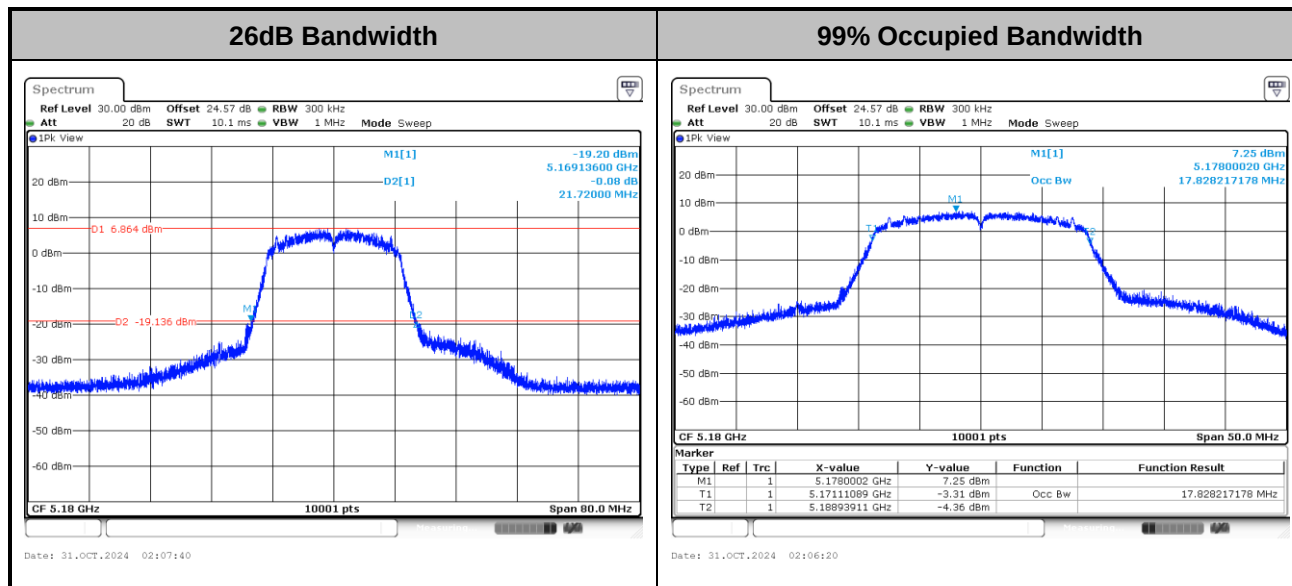
<Ant. 2>

<802.11a>



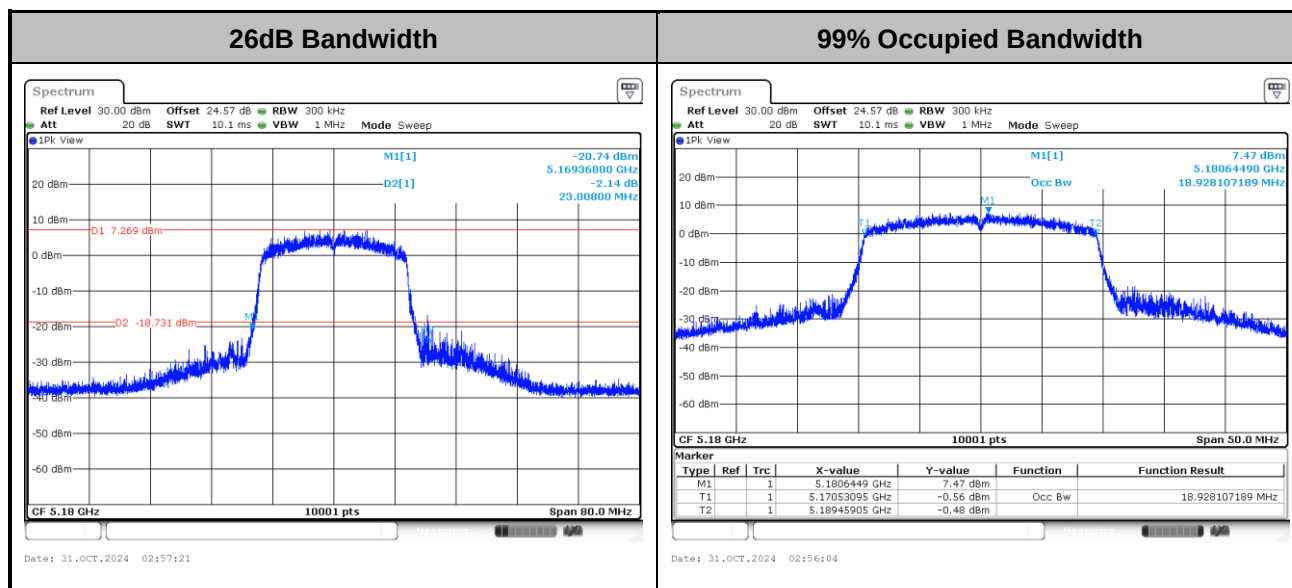


<802.11n HT20>



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

<802.11ax HE20>

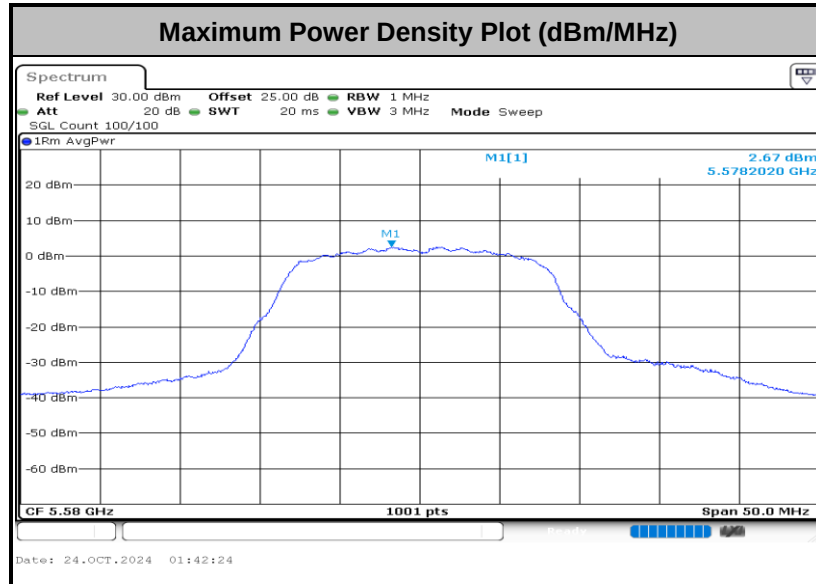


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

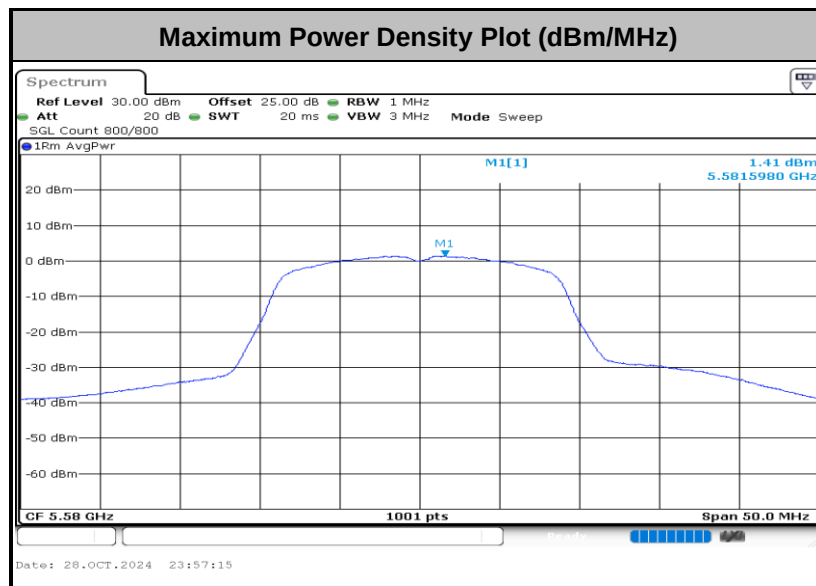
**Test Result of Power Spectral Density**

<Ant. 1>

<802.11a>

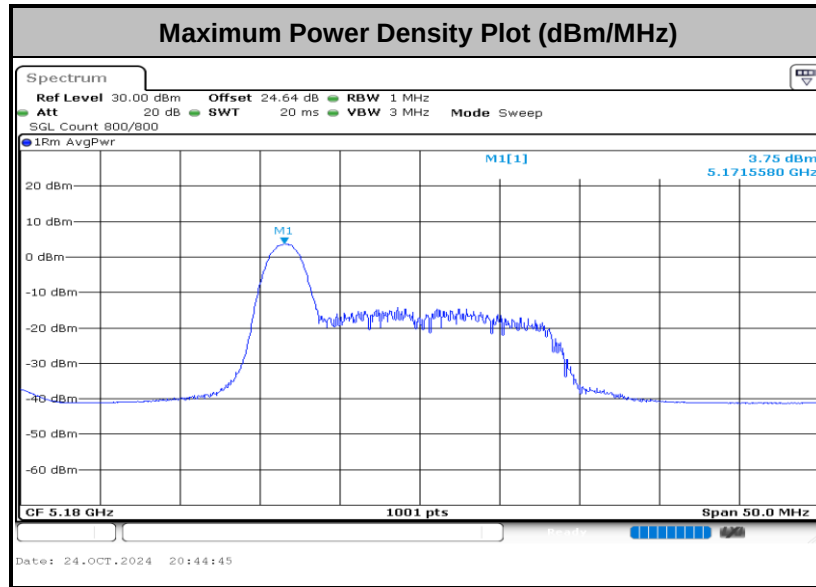


<802.11n HT20>



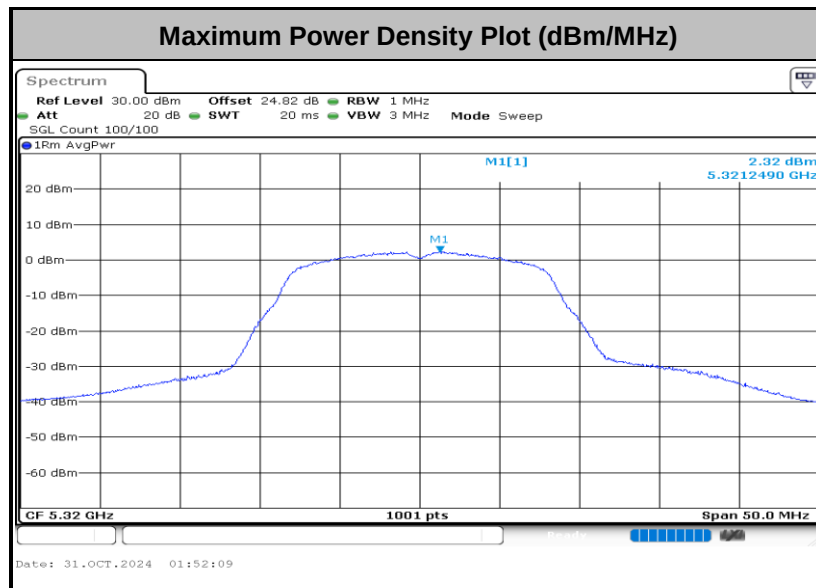


<802.11ax HE20>



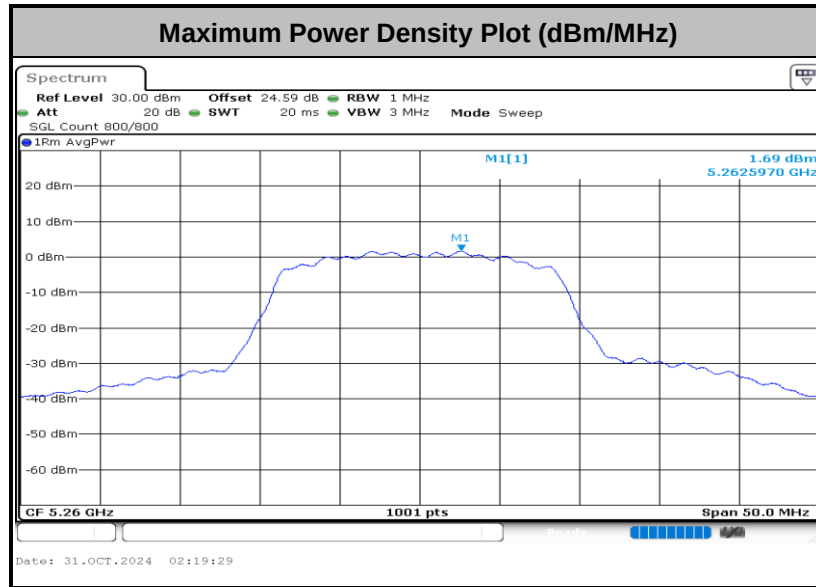
<Ant. 2>

<802.11a>

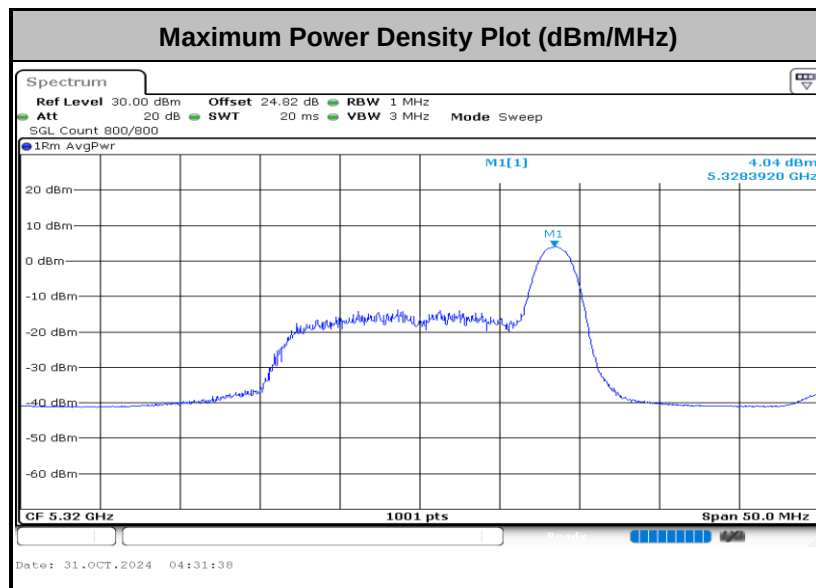




<802.11n HT20>



<802.11ax HE20>

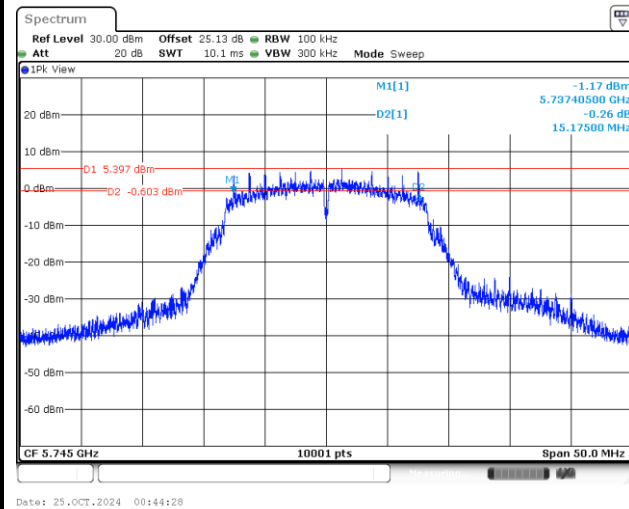
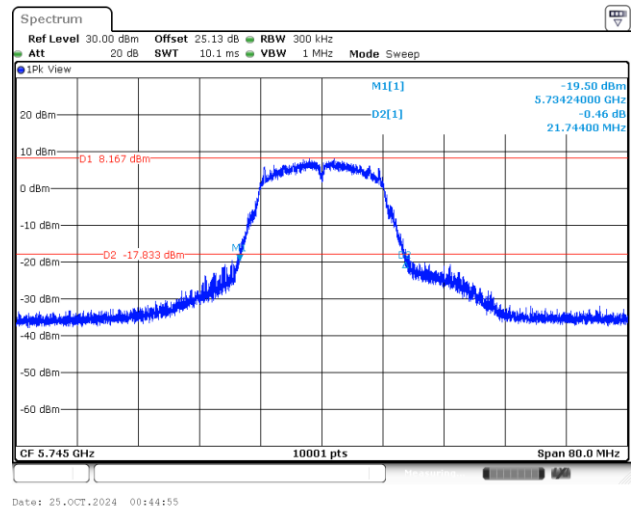
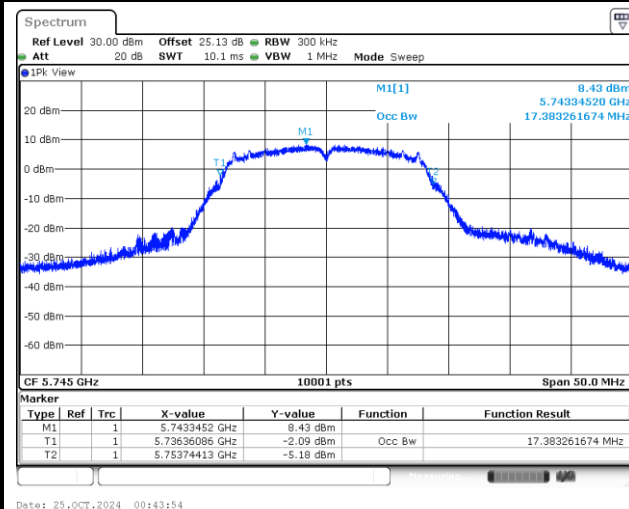


**Test Result of 6dB and 26dB and 99% Occupied Bandwidth**

<For Band 4>

<Ant. 1>

<802.11a>

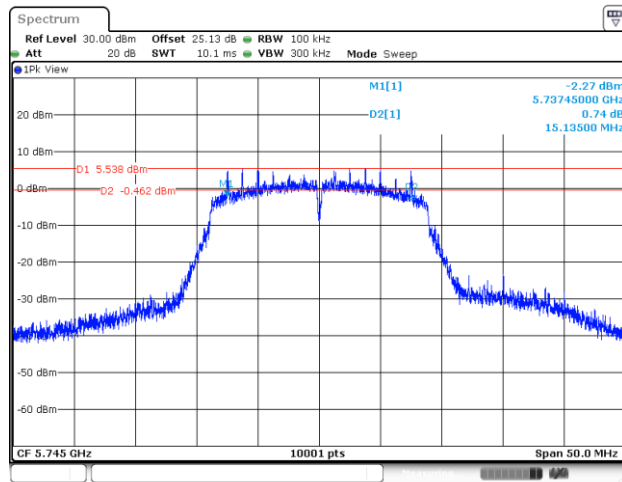
6dB Bandwidth**26dB Bandwidth****99% Occupied Bandwidth**

N/A

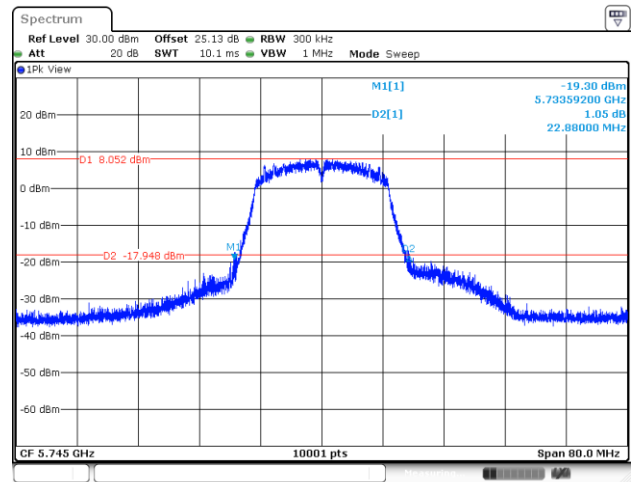


<802.11n HT20>

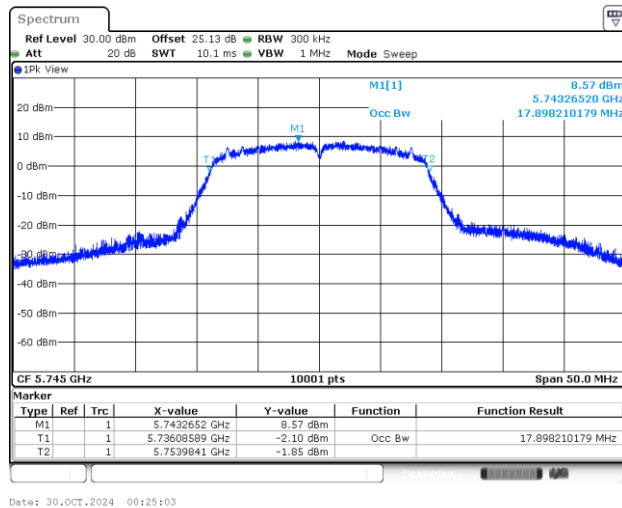
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

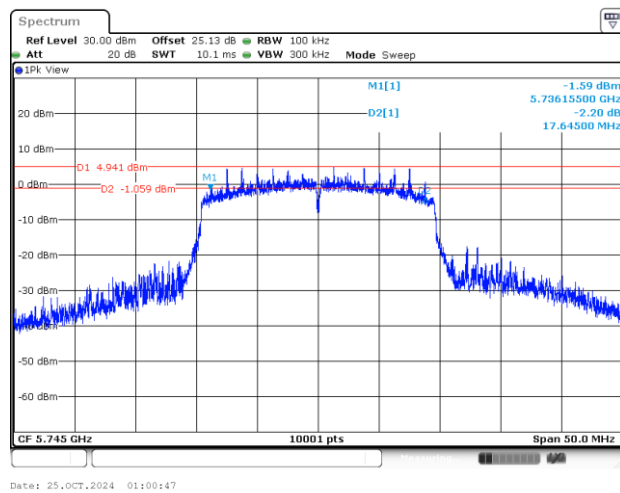


N/A

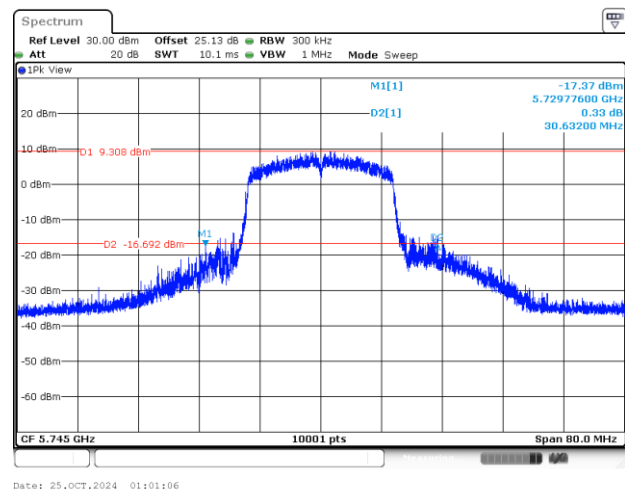


<802.11ax HE20>

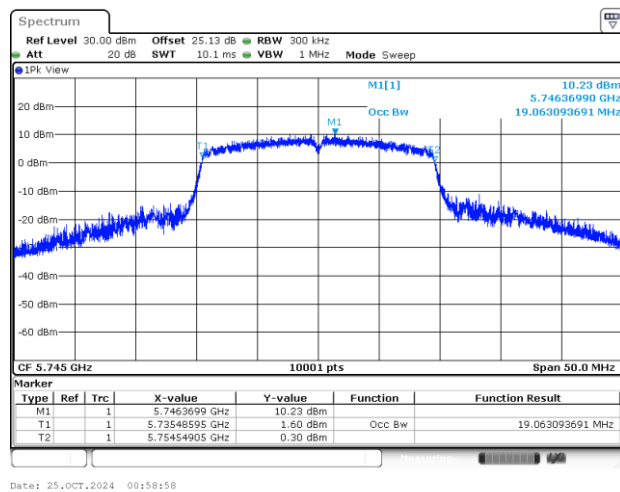
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth



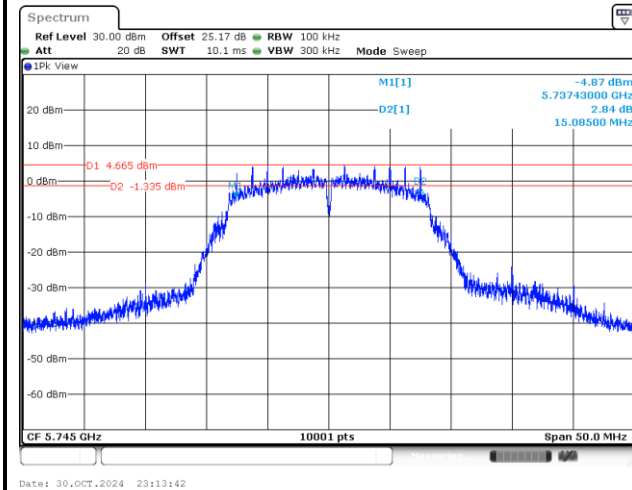
N/A



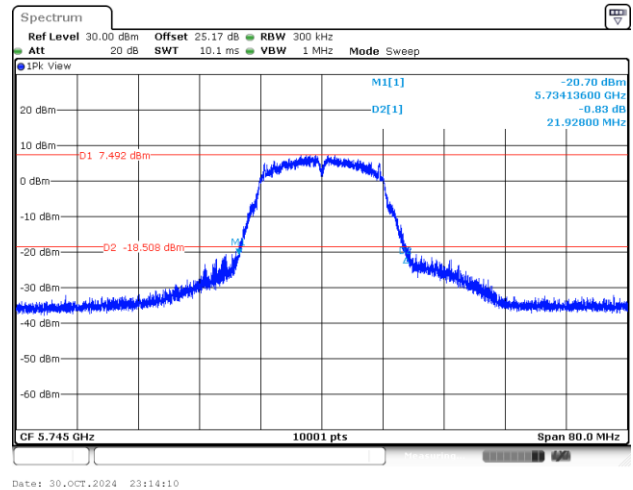
<Ant. 2>

<802.11a>

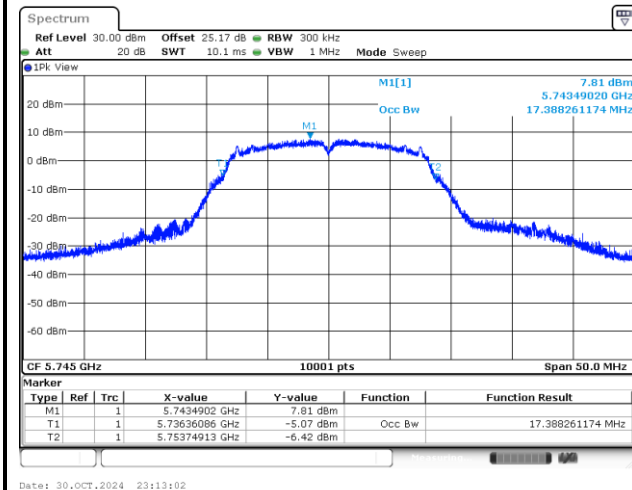
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

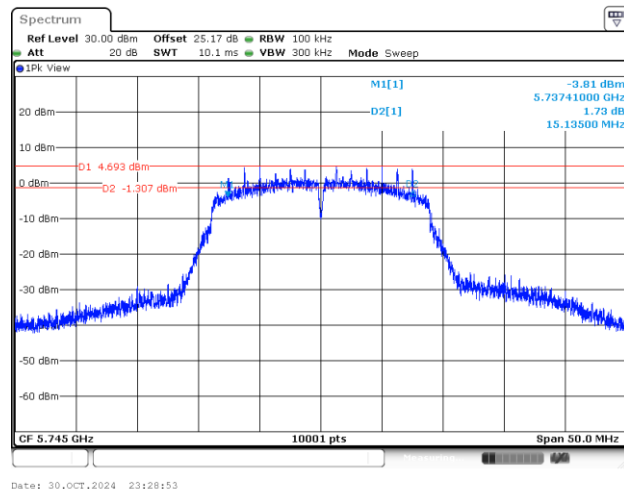


N/A

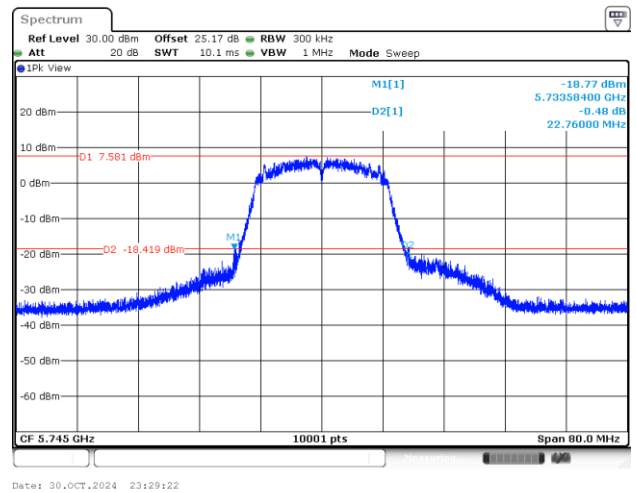


<802.11n HT20>

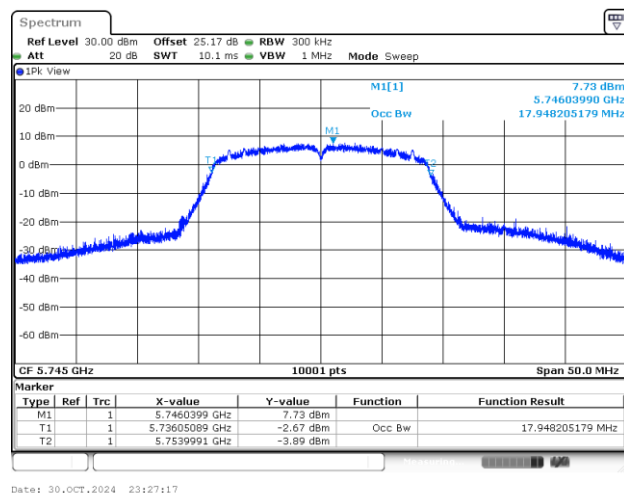
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

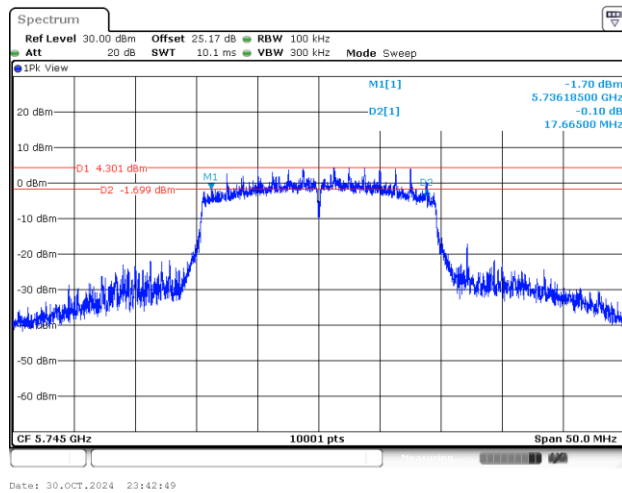


N/A

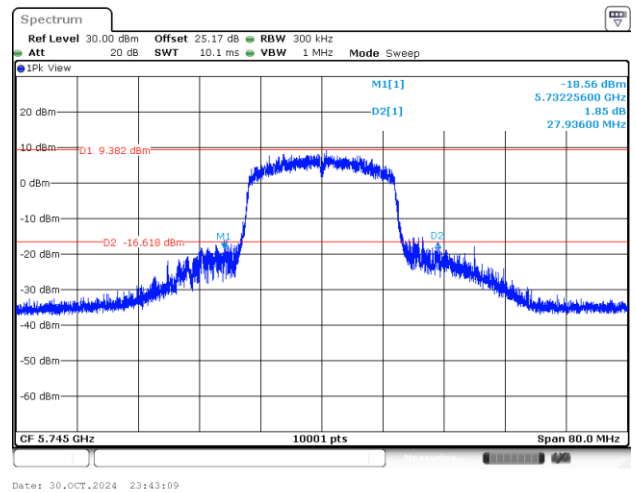


<802.11ax HE20>

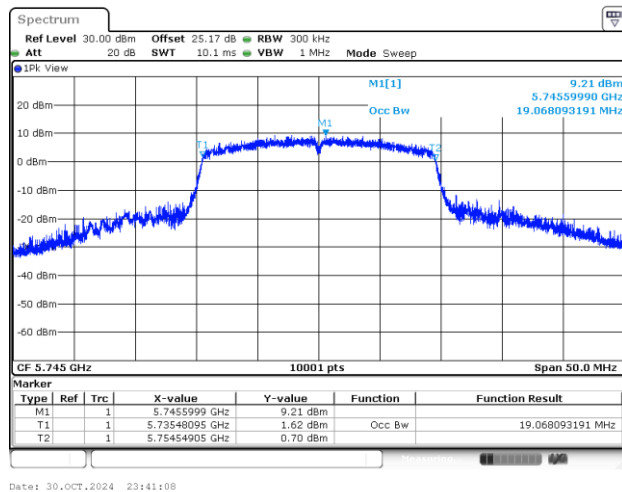
6dB Bandwidth



26dB Bandwidth



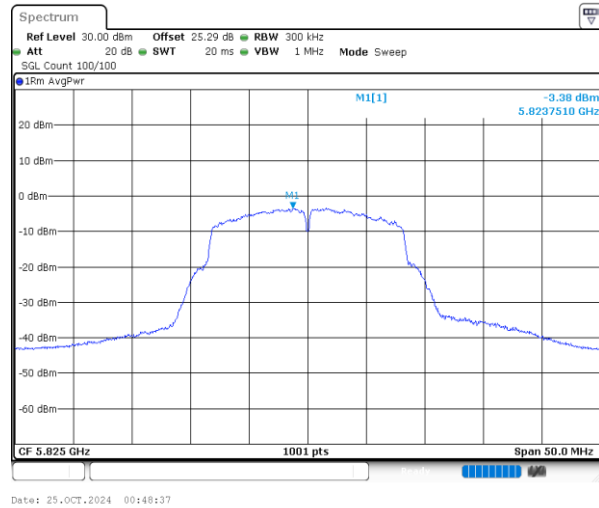
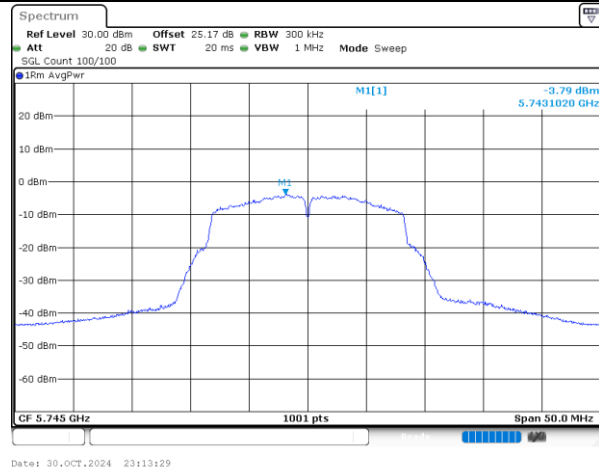
99% Occupied Bandwidth



N/A

**Test Result of Power Spectral Density**

<802.11a>

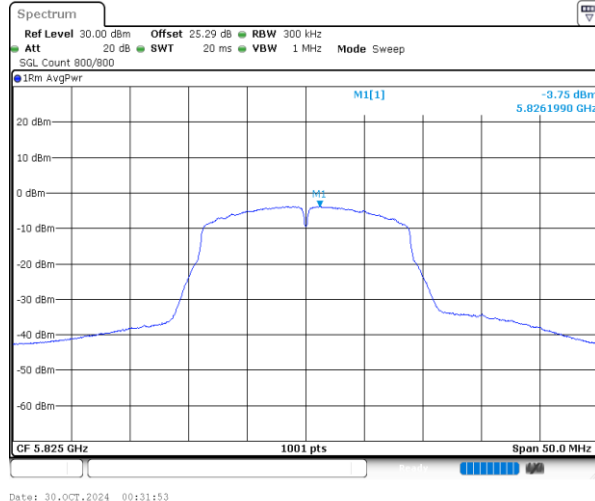
Maximum Power Density Plot (dBm/300kHz)**Ant1****Maximum Power Density Plot (dBm/300kHz)****Ant2**



<802.11n HT20>

Maximum Power Density Plot (dBm/300kHz)

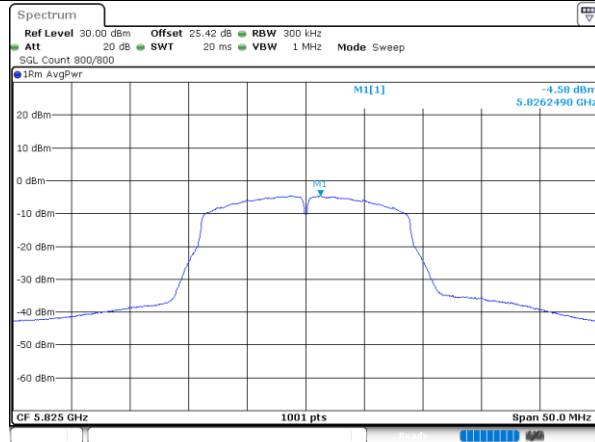
Ant1



Date: 30.OCT.2024 00:31:53

Maximum Power Density Plot (dBm/300kHz)

Ant2



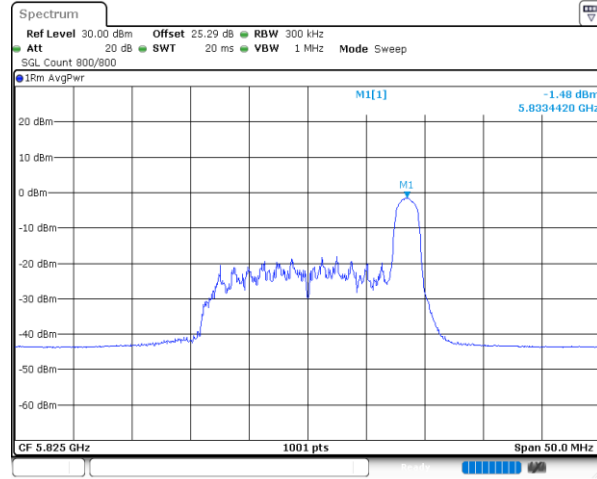
Date: 30.OCT.2024 23:35:17



<802.11ax HE20>

Maximum Power Density Plot (dBm/300kHz)

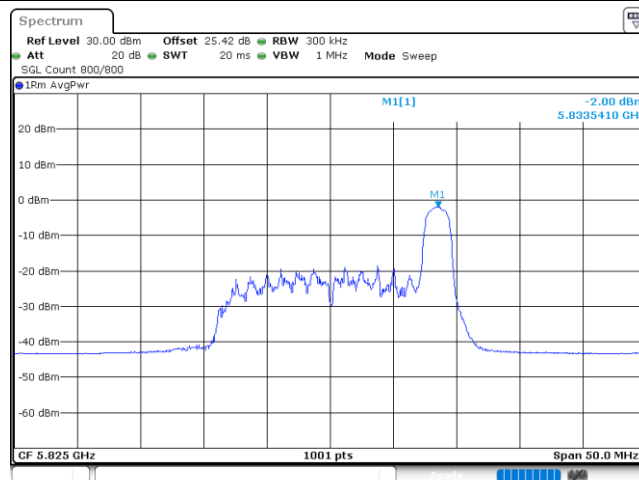
Ant1



Date: 25.OCT.2024 01:30:48

Maximum Power Density Plot (dBm/300kHz)

Ant2



Date: 31.OCT.2024 00:15:53



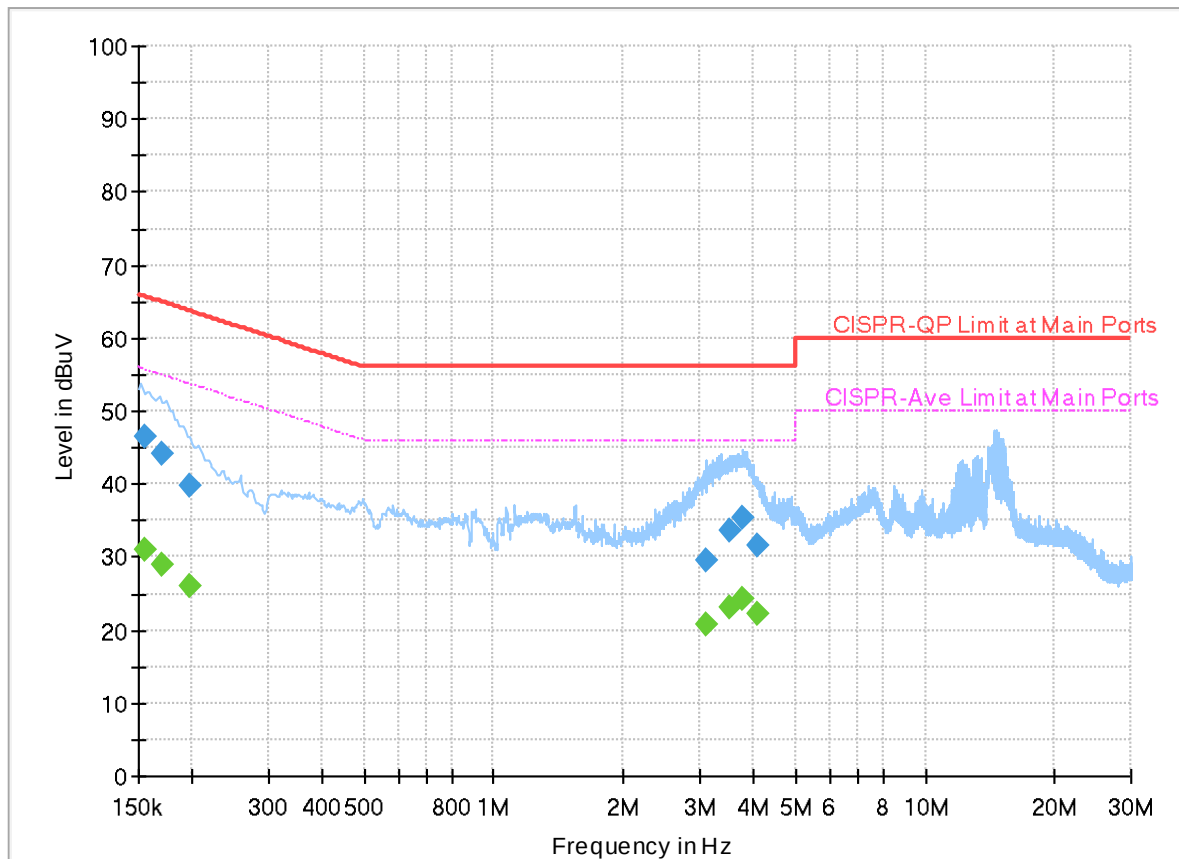
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	23.7~26.1℃
		Relative Humidity :	43.8~45.5%

EUT Information

Report NO : 491243
 Test Mode : Mode 1
 Test Voltage : Power from system
 Phase : Line

Full Spectrum



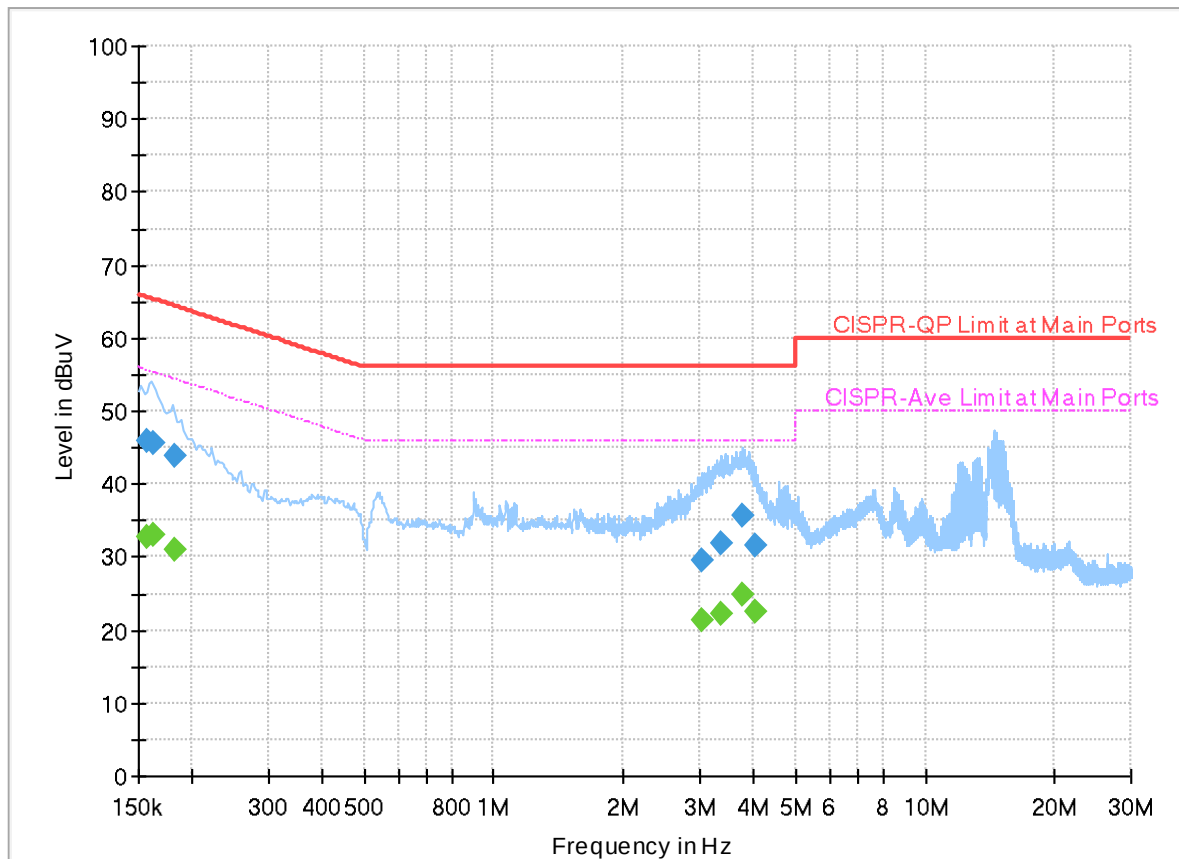
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.155400	46.58	---	65.71	19.13	L1	FLO	20.1
0.155400	---	30.93	55.71	24.78	L1	FLO	20.1
0.170700	44.20	---	64.93	20.73	L1	FLO	20.0
0.170700	---	28.91	54.93	26.02	L1	FLO	20.0
0.196440	39.79	---	63.76	23.97	L1	FLO	20.0
0.196440	---	25.94	53.76	27.82	L1	FLO	20.0
3.122250	29.55	---	56.00	26.45	L1	FLO	20.1
3.122250	---	20.82	46.00	25.18	L1	FLO	20.1
3.504750	33.76	---	56.00	22.24	L1	FLO	20.1
3.504750	---	23.04	46.00	22.96	L1	FLO	20.1
3.792750	35.34	---	56.00	20.66	L1	FLO	20.1
3.792750	---	24.24	46.00	21.76	L1	FLO	20.1
4.103160	31.49	---	56.00	24.51	L1	FLO	20.1
4.103160	---	22.15	46.00	23.85	L1	FLO	20.1

EUT Information

Report NO : 491243
 Test Mode : Mode 1
 Test Voltage : Power from system
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.156750	45.98	---	65.63	19.65	N	FLO	20.1
0.156750	---	32.63	55.63	23.00	N	FLO	20.1
0.161880	45.69	---	65.37	19.68	N	FLO	20.1
0.161880	---	33.07	55.37	22.30	N	FLO	20.1
0.182850	43.72	---	64.36	20.64	N	FLO	20.0
0.182850	---	30.92	54.36	23.44	N	FLO	20.0
3.028920	29.57	---	56.00	26.43	N	FLO	20.1
3.028920	---	21.36	46.00	24.64	N	FLO	20.1
3.366420	31.88	---	56.00	24.12	N	FLO	20.1
3.366420	---	22.11	46.00	23.89	N	FLO	20.1
3.765750	35.55	---	56.00	20.45	N	FLO	20.1
3.765750	---	24.86	46.00	21.14	N	FLO	20.1
4.048440	31.61	---	56.00	24.39	N	FLO	20.1
4.048440	---	22.40	46.00	23.60	N	FLO	20.1



Appendix C. Conducted Spurious Emission

Test Engineer :	Kai Liao and KenWu	Temperature :	22.3~24.9°C
		Relative Humidity :	52.5~72.4%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 36 5180MHz											
	*	5180	16.15	-	-	10.41	3.8	1.94	0	0	P
	*	5180	9.07	-	-	3.33	3.8	1.94	0	0	A
802.11a CH 44 5220MHz		5139.26	-41.04	-19.84	-21.2	-46.93	3.8	2.09	0	0	P
		5139.04	-48.69	-7.49	-41.2	-54.58	3.8	2.09	0	0	A
	*	5220	15.9	-	-	10.2	3.8	1.9	0	0	P
	*	5220	9.56	-	-	3.86	3.8	1.9	0	0	A
		5382.72	-48.03	-26.83	-21.2	-53.85	3.8	2.02	0	0	P
		5379.12	-55.06	-13.86	-41.2	-60.88	3.8	2.02	0	0	A
802.11a CH 48 5240MHz		5077.28	-46.69	-25.49	-21.2	-52.67	3.8	2.18	0	0	P
		5081.6	-55.2	-14	-41.2	-61.18	3.8	2.18	0	0	A
	*	5240	15.73	-	-	10.01	3.8	1.92	0	0	P
	*	5240	9.85	-	-	4.13	3.8	1.92	0	0	A
		5361.44	-49.47	-28.27	-21.2	-55.29	3.8	2.02	0	0	P
		5401.7	-55.09	-13.89	-41.2	-60.92	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 36 5180MHz		6906.5	-46.11	-19.11	-27	-53.28	3.8	3.37	0	0	P
		8633	-57.1	-30.1	-27	-64.25	3.8	3.35	0	0	P
		10360	-46.74	-19.74	-27	-53.6	3.8	3.06	0	0	P
		15540	-52.54	-31.34	-21.2	-62.54	3.8	6.2	0	0	P
		15540	-59.96	-18.76	-41.2	-69.96	3.8	6.2	0	0	A
		6906.5	-46.11	-19.11	-27	-53.28	3.8	3.37	0	0	P
802.11a CH 44 5220MHz		6959.8	-46.12	-19.12	-27	-52.91	3.8	2.99	0	0	P
		8699.7	-61.31	-34.31	-27	-68.53	3.8	3.42	0	0	P
		10440	-43.68	-16.68	-27	-50.56	3.8	3.08	0	0	P
		15660	-48.88	-27.68	-21.2	-58.78	3.8	6.1	0	0	P
		15660	-55.54	-14.34	-41.2	-65.44	3.8	6.1	0	0	A
802.11a CH 48 5240MHz		6986.5	-45.88	-18.88	-27	-52.5	3.8	2.82	0	0	P
		8733	-57.51	-30.51	-27	-64.71	3.8	3.4	0	0	P
		10480	-49.06	-22.06	-27	-55.94	3.8	3.08	0	0	P
		15720	-49.85	-28.65	-21.2	-59.7	3.8	6.05	0	0	P
		15720	-57.3	-16.1	-41.2	-67.15	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 36 5180MHz		5149.4	-30.89	-9.69	-21.2	-36.78	3.8	2.09	0	0	P
		5149.76	-41.83	-0.63	-41.2	-47.72	3.8	2.09	0	0	A
	*	5180	15.99	-	-	10.25	3.8	1.94	0	0	P
	*	5180	8.61	-	-	2.87	3.8	1.94	0	0	A
802.11n HT20 CH 44 5220MHz		5143.66	-42.64	-21.44	-21.2	-48.53	3.8	2.09	0	0	P
		5138.38	-48.53	-7.33	-41.2	-54.42	3.8	2.09	0	0	A
	*	5220	16.08	-	-	10.38	3.8	1.9	0	0	P
	*	5220	10.06	-	-	4.36	3.8	1.9	0	0	A
		5380.32	-49.12	-27.92	-21.2	-54.94	3.8	2.02	0	0	P
		5382.72	-55.12	-13.92	-41.2	-60.94	3.8	2.02	0	0	A
802.11n HT20 CH 48 5240MHz		5137.76	-47.16	-25.96	-21.2	-53.05	3.8	2.09	0	0	P
		5139.2	-54.02	-12.82	-41.2	-59.91	3.8	2.09	0	0	A
	*	5240	14.85	-	-	9.13	3.8	1.92	0	0	P
	*	5240	9.61	-	-	3.89	3.8	1.92	0	0	A
		5395.54	-48.98	-27.78	-21.2	-54.81	3.8	2.03	0	0	P
		5397.3	-55.29	-14.09	-41.2	-61.12	3.8	2.03	0	0	A
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 36 5180MHz		6906.5	-46.06	-19.06	-27	-52.3	3.8	2.44	0	0	P
		7770	-68.42	-41.42	-27	-75.57	3.8	3.35	0	0	P
		8633	-56.81	-29.81	-27	-63.96	3.8	3.35	0	0	P
		10360	-46.2	-19.2	-27	-53.06	3.8	3.06	0	0	P
		15540	-51.82	-30.62	-21.2	-61.82	3.8	6.2	0	0	P
		15540	-60.67	-19.47	-41.2	-70.67	3.8	6.2	0	0	A
802.11n HT20 CH 44 5220MHz		6959.8	-45.15	-18.15	-27	-51.29	3.8	2.34	0	0	P
		8699.7	-60.75	-33.75	-27	-67.97	3.8	3.42	0	0	P
		10440	-43.85	-16.85	-27	-50.73	3.8	3.08	0	0	P
		15660	-47.96	-26.76	-21.2	-57.86	3.8	6.1	0	0	P
		15660	-55	-13.8	-41.2	-64.9	3.8	6.1	0	0	A
802.11n HT20 CH 48 5240MHz		6986.5	-46.6	-19.6	-27	-52.71	3.8	2.31	0	0	P
		8733	-56.37	-29.37	-27	-63.57	3.8	3.4	0	0	P
		10480	-47.23	-20.23	-27	-54.11	3.8	3.08	0	0	P
		15720	-50.44	-29.24	-21.2	-60.29	3.8	6.05	0	0	P
		15720	-57.1	-15.9	-41.2	-66.95	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 36 5180MHz		5148.86	-37.22	-16.02	-21.2	-43.11	3.8	2.09	0	0	P
		5149.94	-43.54	-2.34	-41.2	-49.43	3.8	2.09	0	0	A
	*	5180	16.18	-	-	10.44	3.8	1.94	0	0	P
	*	5180	7.14	-	-	1.4	3.8	1.94	0	0	A
802.11ax HE20 Full CH 44 5220MHz		5143.22	-41.08	-19.88	-21.2	-46.97	3.8	2.09	0	0	P
		5141.24	-48.93	-7.73	-41.2	-54.82	3.8	2.09	0	0	A
	*	5220	15.59	-	-	9.89	3.8	1.9	0	0	P
	*	5220	9.41	-	-	3.71	3.8	1.9	0	0	A
		5379.12	-47.66	-26.46	-21.2	-53.48	3.8	2.02	0	0	P
		5378.88	-55.38	-14.18	-41.2	-61.2	3.8	2.02	0	0	A
802.11ax HE20 Full CH 48 5240MHz		5139.44	-45.59	-24.39	-21.2	-51.48	3.8	2.09	0	0	P
		5139.68	-53.19	-11.99	-41.2	-59.08	3.8	2.09	0	0	A
	*	5240	15.67	-	-	9.95	3.8	1.92	0	0	P
	*	5240	8.8	-	-	3.08	3.8	1.92	0	0	A
		5397.52	-49.98	-28.78	-21.2	-55.81	3.8	2.03	0	0	P
		5400.82	-55.36	-14.16	-41.2	-61.19	3.8	2.03	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 36 5180MHz		6906.5	-46.95	-19.95	-27	-54.12	3.8	3.37	0	0	P
		8633	-59.85	-32.85	-27	-67	3.8	3.35	0	0	P
		10360	-49.4	-22.4	-27	-56.26	3.8	3.06	0	0	P
		15540	-52.45	-31.25	-21.2	-62.45	3.8	6.2	0	0	P
		15540	-61.74	-20.54	-41.2	-71.74	3.8	6.2	0	0	A
802.11ax HE20 Full CH 44 5220MHz		6959.8	-46.33	-19.33	-27	-53.12	3.8	2.99	0	0	P
		8699.7	-59.01	-32.01	-27	-66.23	3.8	3.42	0	0	P
		10440	-44.87	-17.87	-27	-51.75	3.8	3.08	0	0	P
		15660	-48.87	-27.67	-21.2	-58.77	3.8	6.1	0	0	P
		15660	-56.23	-15.03	-41.2	-66.13	3.8	6.1	0	0	A
802.11ax HE20 Full CH 48 5240MHz		1924	-50.74	-23.74	-27	-55.66	3.8	1.12	0	0	P
		6988	-45.79	-18.79	-27	-51.9	3.8	2.31	0	0	P
		8727	-58.67	-31.67	-27	-65.86	3.8	3.39	0	0	P
		10480	-48.4	-21.4	-27	-55.28	3.8	3.08	0	0	P
		15720	-49.04	-27.84	-21.2	-58.89	3.8	6.05	0	0	P
		15720	-57.91	-16.71	-41.2	-67.76	3.8	6.05	0	0	A
Remark ● No other spurious found. ● All results are PASS against Peak and Average limit line.											



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5145.08	-30.15	-8.95	-21.2	-36.04	3.8	2.09	0	0	P
		5091.44	-45.34	-4.14	-41.2	-51.32	3.8	2.18	0	0	A
	*	5180	17.48	-	-	11.74	3.8	1.94	0	0	P
	*	5180	13.76	-	-	8.02	3.8	1.94	0	0	A
802.11ax HE20 Partial 26/4 CH 44 5220MHz		5139.48	-39.81	-18.61	-21.2	-45.7	3.8	2.09	0	0	P
		5139.26	-46.12	-4.92	-41.2	-52.01	3.8	2.09	0	0	A
	*	5220	18.68	-	-	12.98	3.8	1.9	0	0	P
	*	5220	12.31	-	-	6.61	3.8	1.9	0	0	A
		5378.88	-47.74	-26.54	-21.2	-53.56	3.8	2.02	0	0	P
		5379.36	-51.79	-10.59	-41.2	-57.61	3.8	2.02	0	0	A
802.11ax HE20 Partial 26/8 CH 48 5240MHz		5139.92	-40.37	-19.17	-21.2	-46.26	3.8	2.09	0	0	P
		5139.68	-46.49	-5.29	-41.2	-52.38	3.8	2.09	0	0	A
	*	5240	19.61	-	-	13.89	3.8	1.92	0	0	P
	*	5240	12.79	-	-	7.07	3.8	1.92	0	0	A
		5408.52	-45.05	-23.85	-21.2	-50.88	3.8	2.03	0	0	P
		5408.3	-51.4	-10.2	-41.2	-57.23	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		6906.5	-44.55	-17.55	-27	-50.79	3.8	2.44	0	0	P
		8633	-54.19	-27.19	-27	-60.85	3.8	2.86	0	0	P
		10360	-45.04	-18.04	-27	-51.9	3.8	3.06	0	0	P
		15540	-49.22	-28.02	-21.2	-59.22	3.8	6.2	0	0	P
		15540	-54.24	-13.04	-41.2	-64.24	3.8	6.2	0	0	A
802.11ax HE20 Partial 26/4 CH 44 5220MHz		6959.8	-45.13	-18.13	-27	-51.27	3.8	2.34	0	0	P
		8699.7	-55.83	-28.83	-27	-62.54	3.8	2.91	0	0	P
		10440	-44.13	-17.13	-27	-51.01	3.8	3.08	0	0	P
		15660	-44.9	-23.7	-21.2	-54.8	3.8	6.1	0	0	P
		15660	-54.59	-13.39	-41.2	-64.49	3.8	6.1	0	0	A
802.11ax HE20 Partial 26/8 CH 48 5240MHz		6988	-44.51	-17.51	-27	-50.62	3.8	2.31	0	0	P
		8738	-52.65	-25.65	-27	-59.85	3.8	3.4	0	0	P
		10480	-44	-17	-27	-50.88	3.8	3.08	0	0	P
		15720	-46.34	-25.14	-21.2	-56.19	3.8	6.05	0	0	P
		15720	-56.74	-15.54	-41.2	-66.59	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5149.4	-29.44	-8.24	-21.2	-35.33	3.8	2.09	0	0	P
		5149.58	-46.09	-4.89	-41.2	-51.98	3.8	2.09	0	0	A
	*	5180	18.01	-	-	12.27	3.8	1.94	0	0	P
	*	5180	11.86	-	-	6.12	3.8	1.94	0	0	A
802.11ax HE20 Partial 52/38 CH 44 5220MHz		5135.74	-38.25	-17.05	-21.2	-44.14	3.8	2.09	0	0	P
		5136.62	-46.93	-5.73	-41.2	-52.82	3.8	2.09	0	0	A
	*	5220	18.77	-	-	13.07	3.8	1.9	0	0	P
	*	5220	12.2	-	-	6.5	3.8	1.9	0	0	A
		5376.24	-48.89	-27.69	-21.2	-54.71	3.8	2.02	0	0	P
		5376.72	-52.86	-11.66	-41.2	-58.68	3.8	2.02	0	0	A
802.11ax HE20 Partial 52/40 CH 48 5240MHz		5139.2	-43.07	-21.87	-21.2	-48.96	3.8	2.09	0	0	P
		5139.44	-49.67	-8.47	-41.2	-55.56	3.8	2.09	0	0	A
	*	5240	17.14	-	-	11.42	3.8	1.92	0	0	P
	*	5240	10.75	-	-	5.03	3.8	1.92	0	0	A
		5407.42	-47.06	-25.86	-21.2	-52.89	3.8	2.03	0	0	P
		5407.86	-53.44	-12.24	-41.2	-59.27	3.8	2.03	0	0	A
Remark ● No other spurious found. ● All results are PASS against Peak and Average limit line.											



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		6906.5	-44.58	-17.58	-27	-50.82	3.8	2.44	0	0	P
		8633	-55.76	-28.76	-27	-62.91	3.8	3.35	0	0	P
		10360	-47.19	-20.19	-27	-54.05	3.8	3.06	0	0	P
		15540	-47.79	-26.59	-21.2	-57.79	3.8	6.2	0	0	P
		15540	-56.63	-15.43	-41.2	-66.63	3.8	6.2	0	0	A
802.11ax HE20 Partial 52/38 CH 44 5220MHz		6959.8	-44.78	-17.78	-27	-50.92	3.8	2.34	0	0	P
		8699.7	-55.65	-28.65	-27	-62.87	3.8	3.42	0	0	P
		10440	-43.88	-16.88	-27	-50.76	3.8	3.08	0	0	P
		15660	-49.92	-28.72	-21.2	-59.82	3.8	6.1	0	0	P
		15660	-55.3	-14.1	-41.2	-65.2	3.8	6.1	0	0	A
802.11ax HE20 Partial 52/38 CH 48 5240MHz		6986.5	-44.6	-17.6	-27	-50.71	3.8	2.31	0	0	P
		8733	-53.68	-26.68	-27	-60.88	3.8	3.4	0	0	P
		10480	-47.15	-20.15	-27	-54.03	3.8	3.08	0	0	P
		15720	-51.44	-30.24	-21.2	-61.29	3.8	6.05	0	0	P
		15720	-59.41	-18.21	-41.2	-69.26	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5127.98	-40.28	-19.08	-21.2	-46.24	3.8	2.16	0	0	P
		5149.94	-46.75	-5.55	-41.2	-52.64	3.8	2.09	0	0	A
	*	5180	16.42	-	-	10.68	3.8	1.94	0	0	P
	*	5180	9.05	-	-	3.31	3.8	1.94	0	0	A
802.11ax HE20 Partial 106/53 CH 44 5220MHz		5133.54	-41.98	-20.78	-21.2	-47.87	3.8	2.09	0	0	P
		5135.08	-49.54	-8.34	-41.2	-55.43	3.8	2.09	0	0	A
	*	5220	15.75	-	-	10.05	3.8	1.9	0	0	P
	*	5220	8.55	-	-	2.85	3.8	1.9	0	0	A
		5373.84	-49.16	-27.96	-21.2	-54.98	3.8	2.02	0	0	P
		5375.76	-55.13	-13.93	-41.2	-60.95	3.8	2.02	0	0	A
802.11ax HE20 Partial 106/54 CH 48 5240MHz		5139.2	-44.57	-23.37	-21.2	-50.46	3.8	2.09	0	0	P
		5139.92	-52.43	-11.23	-41.2	-58.32	3.8	2.09	0	0	A
	*	5240	14.51	-	-	8.79	3.8	1.92	0	0	P
	*	5240	8.84	-	-	3.12	3.8	1.92	0	0	A
		5406.98	-48.95	-27.75	-21.2	-54.78	3.8	2.03	0	0	P
		5405	-55.18	-13.98	-41.2	-61.01	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		6906.5	-44.27	-17.27	-27	-50.51	3.8	2.44	0	0	P
		8633	-58.67	-31.67	-27	-65.82	3.8	3.35	0	0	P
		10360	-48.82	-21.82	-27	-55.68	3.8	3.06	0	0	P
		15540	-51.18	-29.98	-21.2	-61.18	3.8	6.2	0	0	P
		15540	-60.17	-18.97	-41.2	-70.17	3.8	6.2	0	0	A
802.11ax HE20 Partial 106/54 CH 44 5220MHz		6959.8	-44.66	-17.66	-27	-50.8	3.8	2.34	0	0	P
		8699.7	-58.79	-31.79	-27	-66.01	3.8	3.42	0	0	P
		10440	-46.39	-19.39	-27	-53.27	3.8	3.08	0	0	P
		15660	-49.66	-28.46	-21.2	-59.56	3.8	6.1	0	0	P
		15660	-58.42	-17.22	-41.2	-68.32	3.8	6.1	0	0	A
802.11ax HE20 Partial 106/54 CH 48 5240MHz		6986.5	-44.64	-17.64	-27	-50.75	3.8	2.31	0	0	P
		8733	-57.05	-30.05	-27	-64.25	3.8	3.4	0	0	P
		10480	-49.45	-22.45	-27	-56.33	3.8	3.08	0	0	P
		15720	-53.64	-32.44	-21.2	-63.49	3.8	6.05	0	0	P
		15720	-61.24	-20.04	-41.2	-71.09	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 52 5260MHz		5144.56	-47.4	-26.2	-21.2	-53.29	3.8	2.09	0	0	P
		5098.54	-55.1	-13.9	-41.2	-61.13	3.8	2.23	0	0	A
	*	5260	15.3	-	-	9.55	3.8	1.95	0	0	P
	*	5260	9.56	-	-	3.81	3.8	1.95	0	0	A
		5420.8	-48.52	-27.32	-21.2	-54.43	3.8	2.11	0	0	P
		5421.8	-54.72	-13.52	-41.2	-60.63	3.8	2.11	0	0	A
802.11a CH 60 5300MHz		5135.3	-48.49	-27.29	-21.2	-54.38	3.8	2.09	0	0	P
		5138.9	-55.17	-13.97	-41.2	-61.06	3.8	2.09	0	0	A
	*	5300	16.05	-	-	10.25	3.8	2	0	0	P
	*	5300	9.68	-	-	3.88	3.8	2	0	0	A
		5382.56	-42.53	-21.33	-21.2	-48.35	3.8	2.02	0	0	P
		5381.44	-48.03	-6.83	-41.2	-53.85	3.8	2.02	0	0	A
802.11a CH 64 5320MHz	*	5320	13.61	-	-	7.8	3.8	2.01	0	0	P
	*	5320	8.92	-	-	3.11	3.8	2.01	0	0	A
		5350.1	-39.94	-18.74	-21.2	-45.75	3.8	2.01	0	0	P
		5350.38	-45.27	-4.07	-41.2	-51.08	3.8	2.01	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 52 5260MHz		7013.2	-46.69	-19.69	-27	-53.25	3.8	2.76	0	0	P
		8766.3	-57.51	-30.51	-27	-64.7	3.8	3.39	0	0	P
		10520	-47.52	-20.52	-27	-54.4	3.8	3.08	0	0	P
		15780	-53.98	-32.78	-21.2	-63.77	3.8	5.99	0	0	P
		15780	-61.4	-20.2	-41.2	-71.19	3.8	5.99	0	0	A
802.11a CH 60 5300MHz		7066.5	-46.61	-19.61	-27	-53.22	3.8	2.81	0	0	P
		8833	-60.74	-33.74	-27	-67.85	3.8	3.31	0	0	P
		10600	-43.63	-22.43	-21.2	-50.52	3.8	3.09	0	0	P
		10600	-51.88	-10.68	-41.2	-58.77	3.8	3.09	0	0	A
		15900	-48.49	-27.29	-21.2	-58.19	3.8	5.9	0	0	P
		15900	-55.51	-14.31	-41.2	-65.21	3.8	5.9	0	0	A
802.11a CH 64 5320MHz		7093.2	-45.88	-18.88	-27	-52.55	3.8	2.87	0	0	P
		8866.3	-58.59	-31.59	-27	-65.68	3.8	3.29	0	0	P
		10640	-45.68	-24.48	-21.2	-52.58	3.8	3.1	0	0	P
		10640	-51.6	-10.4	-41.2	-58.5	3.8	3.1	0	0	A
		15960	-49.56	-28.36	-21.2	-59.21	3.8	5.85	0	0	P
		15960	-56.79	-15.59	-41.2	-66.44	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 52 5260MHz		5105.04	-48.51	-27.31	-21.2	-54.54	3.8	2.23	0	0	P
		5100.62	-55.08	-13.88	-41.2	-61.11	3.8	2.23	0	0	A
	*	5260	16.45	-	-	10.7	3.8	1.95	0	0	P
	*	5260	9.69	-	-	3.94	3.8	1.95	0	0	A
		5421.2	-48.87	-27.67	-21.2	-54.78	3.8	2.11	0	0	P
		5421.4	-54.95	-13.75	-41.2	-60.86	3.8	2.11	0	0	A
802.11n HT20 CH 60 5300MHz		5139.2	-47.64	-26.44	-21.2	-53.53	3.8	2.09	0	0	P
		5141	-55.2	-14	-41.2	-61.09	3.8	2.09	0	0	A
	*	5300	17.26	-	-	11.46	3.8	2	0	0	P
	*	5300	9.56	-	-	3.76	3.8	2	0	0	A
		5381.76	-41.55	-20.35	-21.2	-47.37	3.8	2.02	0	0	P
		5381.44	-48.3	-7.1	-41.2	-54.12	3.8	2.02	0	0	A
802.11n HT20 CH 64 5320MHz	*	5320	15.38	-	-	9.57	3.8	2.01	0	0	P
	*	5320	9.34	-	-	3.53	3.8	2.01	0	0	A
		5352.2	-34.95	-13.75	-21.2	-40.77	3.8	2.02	0	0	P
		5350.1	-43.1	-1.9	-41.2	-48.91	3.8	2.01	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 52 5260MHz		7013.2	-46.3	-19.3	-27	-52.86	3.8	2.76	0	0	P
		8766.3	-56.78	-29.78	-27	-63.97	3.8	3.39	0	0	P
		10520	-47.48	-20.48	-27	-54.36	3.8	3.08	0	0	P
		15780	-54.63	-33.43	-21.2	-64.42	3.8	5.99	0	0	P
		15780	-61.17	-19.97	-41.2	-70.96	3.8	5.99	0	0	A
802.11n HT20 CH 60 5300MHz		7066.5	-45.18	-18.18	-27	-51.79	3.8	2.81	0	0	P
		8833	-62.05	-35.05	-27	-69.16	3.8	3.31	0	0	P
		10600	-45.42	-24.22	-21.2	-52.31	3.8	3.09	0	0	P
		10600	-51.33	-10.13	-41.2	-58.22	3.8	3.09	0	0	A
		15900	-46.23	-25.03	-21.2	-55.93	3.8	5.9	0	0	P
		15900	-54.88	-13.68	-41.2	-64.58	3.8	5.9	0	0	A
802.11n HT20 CH 64 5320MHz		7093.2	-44.9	-17.9	-27	-51.57	3.8	2.87	0	0	P
		8866.3	-57.38	-30.38	-27	-64.47	3.8	3.29	0	0	P
		10640	-44.58	-23.38	-21.2	-51.48	3.8	3.1	0	0	P
		10640	-51.03	-9.83	-41.2	-57.93	3.8	3.1	0	0	A
		15960	-47.72	-26.52	-21.2	-57.37	3.8	5.85	0	0	P
		15960	-55.61	-14.41	-41.2	-65.26	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 52 5260MHz		5142.22	-48.56	-27.36	-21.2	-54.45	3.8	2.09	0	0	P
		5098.28	-55.48	-14.28	-41.2	-61.51	3.8	2.23	0	0	A
	*	5260	16.18	-	-	10.43	3.8	1.95	0	0	P
	*	5260	8.83	-	-	3.08	3.8	1.95	0	0	A
		5379	-49.37	-28.17	-21.2	-55.19	3.8	2.02	0	0	P
		5360.2	-54.29	-13.09	-41.2	-60.11	3.8	2.02	0	0	A
802.11ax HE20 Full CH 60 5300MHz		5141.9	-48.73	-27.53	-21.2	-54.62	3.8	2.09	0	0	P
		5138.6	-55.45	-14.25	-41.2	-61.34	3.8	2.09	0	0	A
	*	5300	15.57	-	-	9.77	3.8	2	0	0	P
	*	5300	8.96	-	-	3.16	3.8	2	0	0	A
		5378.88	-43.13	-21.93	-21.2	-48.95	3.8	2.02	0	0	P
		5379.04	-48.51	-7.31	-41.2	-54.33	3.8	2.02	0	0	A
802.11ax HE20 Full CH 64 5320MHz	*	5320	14.37	-	-	8.56	3.8	2.01	0	0	P
	*	5320	7.88	-	-	2.07	3.8	2.01	0	0	A
		5350.52	-39.46	-18.26	-21.2	-45.27	3.8	2.01	0	0	P
		5350.1	-44.41	-3.21	-41.2	-50.22	3.8	2.01	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 52 5260MHz		7013.2	-46.8	-19.8	-27	-53.36	3.8	2.76	0	0	P
		8766.3	-58.44	-31.44	-27	-65.63	3.8	3.39	0	0	P
		10520	-48.3	-21.3	-27	-55.18	3.8	3.08	0	0	P
		15780	-54.77	-33.57	-21.2	-64.56	3.8	5.99	0	0	P
		15780	-61.56	-20.36	-41.2	-71.35	3.8	5.99	0	0	A
802.11ax HE20 Full CH 60 5300MHz		7066.5	-46.25	-19.25	-27	-52.86	3.8	2.81	0	0	P
		8833	-62.9	-35.9	-27	-70.01	3.8	3.31	0	0	P
		10600	-47.12	-25.92	-21.2	-54.01	3.8	3.09	0	0	P
		10600	-53.26	-12.06	-41.2	-60.15	3.8	3.09	0	0	A
		15900	-49.68	-28.48	-21.2	-59.38	3.8	5.9	0	0	P
		15900	-56.24	-15.04	-41.2	-65.94	3.8	5.9	0	0	A
802.11ax HE20 Full CH 64 5320MHz		7093.2	-45.34	-18.34	-27	-52.01	3.8	2.87	0	0	P
		8866.3	-58.54	-31.54	-27	-65.63	3.8	3.29	0	0	P
		10640	-46.96	-25.76	-21.2	-53.86	3.8	3.1	0	0	P
		10640	-52.48	-11.28	-41.2	-59.38	3.8	3.1	0	0	A
		15960	-51	-29.8	-21.2	-60.65	3.8	5.85	0	0	P
		15960	-58.44	-17.24	-41.2	-68.09	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 52 5260MHz		5141.7	-45.63	-24.43	-21.2	-51.52	3.8	2.09	0	0	P
		5141.44	-51.13	-9.93	-41.2	-57.02	3.8	2.09	0	0	A
	*	5260	20.37	-	-	14.62	3.8	1.95	0	0	P
	*	5260	13.45	-	-	7.7	3.8	1.95	0	0	A
		5361	-42.91	-21.71	-21.2	-48.73	3.8	2.02	0	0	P
		5360.8	-47.58	-6.38	-41.2	-53.4	3.8	2.02	0	0	A
802.11ax HE20 Partial 26/4 CH 60 5300MHz		5139.2	-46.79	-25.59	-21.2	-52.68	3.8	2.09	0	0	P
		5139.2	-53.14	-11.94	-41.2	-59.03	3.8	2.09	0	0	A
	*	5300	18.49	-	-	12.69	3.8	2	0	0	P
	*	5300	12.22	-	-	6.42	3.8	2	0	0	A
		5379.68	-38.14	-16.94	-21.2	-43.96	3.8	2.02	0	0	P
		5379.36	-44.96	-3.76	-41.2	-50.78	3.8	2.02	0	0	A
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	18.02	-	-	12.21	3.8	2.01	0	0	P
	*	5320	13.43	-	-	7.62	3.8	2.01	0	0	A
		5361.16	-31.98	-10.78	-21.2	-37.8	3.8	2.02	0	0	P
		5362.7	-41.52	-0.32	-41.2	-47.34	3.8	2.02	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 52 5260MHz		7013.2	-45.75	-18.75	-27	-51.87	3.8	2.76	0	0	P
		8766.3	-54.45	-27.45	-27	-61.1	3.8	3.39	0	0	P
		10520	-44.25	-17.25	-27	-51.13	3.8	3.08	0	0	P
		15780	-50.11	-28.91	-21.2	-59.9	3.8	5.99	0	0	P
		15780	-56.83	-15.63	-41.2	-66.62	3.8	5.99	0	0	A
802.11ax HE20 Partial 26/4 CH 60 5300MHz		7066.5	-44.82	-17.82	-27	-51.43	3.8	2.81	0	0	P
		8833	-57.04	-30.04	-27	-64.15	3.8	3.31	0	0	P
		10600	-42.56	-21.36	-21.2	-49.45	3.8	3.09	0	0	P
		10600	-49.91	-8.71	-41.2	-56.8	3.8	3.09	0	0	A
		15900	-43.26	-22.06	-21.2	-52.96	3.8	5.9	0	0	P
		15900	-54.4	-13.2	-41.2	-64.1	3.8	5.9	0	0	A
802.11ax HE20 Partial 26/8 CH 64 5320MHz		7088	-43.84	-16.84	-27	-50.47	3.8	2.83	0	0	P
		8881	-57.56	-30.56	-27	-64.62	3.8	3.26	0	0	P
		10640	-42.62	-21.42	-21.2	-49.52	3.8	3.1	0	0	P
		10640	-58.93	-17.73	-41.2	-65.83	3.8	3.1	0	0	A
		15960	-46.27	-25.07	-21.2	-55.92	3.8	5.85	0	0	P
		15960	-55.18	-13.98	-41.2	-64.83	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 52 5260MHz		5140.92	-49.2	-28	-21.2	-55.09	3.8	2.09	0	0	P
		5142.22	-53.94	-12.74	-41.2	-59.83	3.8	2.09	0	0	A
	*	5260	18.13	-	-	12.38	3.8	1.95	0	0	P
	*	5260	11.93	-	-	6.18	3.8	1.95	0	0	A
		5361.6	-46.03	-24.83	-21.2	-51.85	3.8	2.02	0	0	P
		5361	-51.17	-9.97	-41.2	-56.99	3.8	2.02	0	0	A
802.11ax HE20 Partial 52/38 CH 60 5300MHz		5136.5	-46.71	-25.51	-21.2	-52.6	3.8	2.09	0	0	P
		5137.1	-53.34	-12.14	-41.2	-59.23	3.8	2.09	0	0	A
	*	5300	18.72	-	-	12.92	3.8	2	0	0	P
	*	5300	11.72	-	-	5.92	3.8	2	0	0	A
		5377.76	-40.4	-19.2	-21.2	-46.22	3.8	2.02	0	0	P
		5376.48	-45.77	-4.57	-41.2	-51.59	3.8	2.02	0	0	A
802.11ax HE20 Partial 52/40 CH 64 5320MHz	*	5320	17.1	-	-	11.29	3.8	2.01	0	0	P
	*	5320	11.41	-	-	5.6	3.8	2.01	0	0	A
		5352.76	-31.48	-10.28	-21.2	-37.3	3.8	2.02	0	0	P
		5353.74	-45.3	-4.1	-41.2	-51.12	3.8	2.02	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 52 5260MHz		7013.2	-45.8	-18.8	-27	-52.36	3.8	2.76	0	0	P
		8766.3	-55.18	-28.18	-27	-62.37	3.8	3.39	0	0	P
		10520	-46.05	-19.05	-27	-52.93	3.8	3.08	0	0	P
		15780	-52.76	-31.56	-21.2	-62.55	3.8	5.99	0	0	P
		15780	-60.24	-19.04	-41.2	-70.03	3.8	5.99	0	0	A
802.11ax HE20 Partial 52/38 CH 60 5300MHz		7066.5	-44.77	-17.77	-27	-51.38	3.8	2.81	0	0	P
		8833	-61.36	-34.36	-27	-68.47	3.8	3.31	0	0	P
		10600	-44.25	-23.05	-21.2	-51.14	3.8	3.09	0	0	P
		10600	-51.21	-10.01	-41.2	-58.1	3.8	3.09	0	0	A
		15900	-44.88	-23.68	-21.2	-54.58	3.8	5.9	0	0	P
		15900	-53.9	-12.7	-41.2	-63.6	3.8	5.9	0	0	A
802.11ax HE20 Partial 52/40 CH 64 5320MHz		7093.2	-44.14	-17.14	-27	-50.81	3.8	2.87	0	0	P
		8866.3	-55.59	-28.59	-27	-62.68	3.8	3.29	0	0	P
		10640	-44.06	-22.86	-21.2	-50.96	3.8	3.1	0	0	P
		10640	-51.5	-10.3	-41.2	-58.4	3.8	3.1	0	0	A
		15960	-48.53	-27.33	-21.2	-58.18	3.8	5.85	0	0	P
		15960	-57.26	-16.06	-41.2	-66.91	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		5141.44	-47.62	-26.42	-21.2	-53.51	3.8	2.09	0	0	P
		5095.42	-55.71	-14.51	-41.2	-61.74	3.8	2.23	0	0	A
	*	5260	15.55	-	-	9.8	3.8	1.95	0	0	P
	*	5260	8.53	-	-	2.78	3.8	1.95	0	0	A
		5414.6	-48.7	-27.5	-21.2	-54.61	3.8	2.11	0	0	P
		5360.6	-54.06	-12.86	-41.2	-59.88	3.8	2.02	0	0	A
802.11ax HE20 Partial 106/53 CH 60 5300MHz		5132.9	-48.52	-27.32	-21.2	-54.41	3.8	2.09	0	0	P
		5135	-55.69	-14.49	-41.2	-61.58	3.8	2.09	0	0	A
	*	5300	15.77	-	-	9.97	3.8	2	0	0	P
	*	5300	8.68	-	-	2.88	3.8	2	0	0	A
		5373.92	-42.97	-21.77	-21.2	-48.79	3.8	2.02	0	0	P
		5374.24	-48.59	-7.39	-41.2	-54.41	3.8	2.02	0	0	A
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	17.66	-	-	11.85	3.8	2.01	0	0	P
	*	5320	8.28	-	-	2.47	3.8	2.01	0	0	A
		5350	-33.28	-12.08	-21.2	-39.09	3.8	2.01	0	0	P
		5405.54	-48.37	-7.17	-41.2	-54.2	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		7013.2	-45.73	-18.73	-27	-52.29	3.8	2.76	0	0	P
		8766.3	-57.82	-30.82	-27	-65.01	3.8	3.39	0	0	P
		10520	-48.76	-21.76	-27	-55.64	3.8	3.08	0	0	P
		15780	-50.84	-29.64	-21.2	-60.63	3.8	5.99	0	0	P
		15780	-61.8	-20.6	-41.2	-71.59	3.8	5.99	0	0	A
802.11ax HE20 Partial 106/53 CH 60 5300MHz		7066.5	-45.05	-18.05	-27	-51.66	3.8	2.81	0	0	P
		8833	-64.21	-37.21	-27	-71.32	3.8	3.31	0	0	P
		10600	-47	-25.8	-21.2	-53.89	3.8	3.09	0	0	P
		10600	-54.46	-13.26	-41.2	-61.35	3.8	3.09	0	0	A
		15900	-47.4	-26.2	-21.2	-57.1	3.8	5.9	0	0	P
		15900	-57.4	-16.2	-41.2	-67.1	3.8	5.9	0	0	A
802.11ax HE20 Partial 106/54 CH 64 5320MHz		7093.2	-44.12	-17.12	-27	-50.79	3.8	2.87	0	0	P
		8866.3	-61.51	-34.51	-27	-68.6	3.8	3.29	0	0	P
		10640	-47.46	-26.26	-21.2	-54.36	3.8	3.1	0	0	P
		10640	-54.3	-13.1	-41.2	-61.2	3.8	3.1	0	0	A
		15960	-49.66	-28.46	-21.2	-59.31	3.8	5.85	0	0	P
		15960	-60.16	-18.96	-41.2	-69.81	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 100 5500MHz		5458.48	-43.93	-22.73	-21.2	-49.99	3.8	2.26	0	0	P
		5469.2	-34.28	-7.28	-27	-40.34	3.8	2.26	0	0	P
		5421.36	-49.16	-7.96	-41.2	-55.07	3.8	2.11	0	0	A
	*	5500	15.9	-	-	9.69	3.8	2.41	0	0	P
	*	5500	9.71	-	-	3.5	3.8	2.41	0	0	A
802.11a CH 116 5580MHz		5419.46	-49.87	-28.67	-21.2	-55.78	3.8	2.11	0	0	P
		5469.37	-50.41	-23.41	-27	-56.47	3.8	2.26	0	0	P
		5421.53	-55.87	-14.67	-41.2	-61.78	3.8	2.11	0	0	A
	*	5580	15.44	-	-	9.3	3.8	2.34	0	0	P
	*	5580	10.05	-	-	3.91	3.8	2.34	0	0	A
		5741.875	-46.97	-19.97	-27	-52.9	3.8	2.13	0	0	P
802.11a CH 140 5700MHz	*	5700	15.66	-	-	9.71	3.8	2.15	0	0	P
	*	5700	9.69	-	-	3.74	3.8	2.15	0	0	A
		5727.82	-32.8	-5.8	-27	-38.74	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 100 5500MHz		6875	-49.67	-22.67	-27	-55.96	3.8	2.49	0	0	P
		7333.2	-47.67	-26.47	-21.2	-54.4	3.8	2.93	0	0	P
		7333.2	-47.78	-6.58	-41.2	-54.51	3.8	2.93	0	0	A
		8250	-65.92	-44.72	-21.2	-72.71	3.8	2.99	0	0	P
		8250	-69.61	-28.41	-41.2	-76.4	3.8	2.99	0	0	A
		9166.3	-64.5	-43.3	-21.2	-71.63	3.8	3.33	0	0	P
		9166.3	-68.93	-27.73	-41.2	-76.06	3.8	3.33	0	0	A
		11000	-43.5	-22.3	-21.2	-50.45	3.8	3.15	0	0	P
		11000	-51.19	-9.99	-41.2	-58.14	3.8	3.15	0	0	A
		16500	-70.74	-43.74	-27	-81.31	3.8	6.77	0	0	P
802.11a CH 116 5580MHz		6975	-49.58	-22.58	-27	-55.69	3.8	2.31	0	0	P
		7439.8	-47.6	-26.4	-21.2	-54.4	3.8	3	0	0	P
		7439.8	-47.98	-6.78	-41.2	-54.78	3.8	3	0	0	A
		8370	-65.52	-44.32	-21.2	-72.28	3.8	2.96	0	0	P
		8370	-69.7	-28.5	-41.2	-76.46	3.8	2.96	0	0	A
		9299.6	-68.45	-41.45	-27	-75.59	3.8	3.34	0	0	P
		11160	-42.76	-21.56	-21.2	-49.77	3.8	3.21	0	0	P
		11160	-49.74	-8.54	-41.2	-56.75	3.8	3.21	0	0	A
		16740	-62.91	-35.91	-27	-73.95	3.8	7.24	0	0	P
802.11a CH 140 5700MHz		7125	-49.01	-22.01	-27	-55.69	3.8	2.88	0	0	P
		7599.8	-49.65	-28.45	-21.2	-56.45	3.8	3	0	0	P
		7599.8	-50.09	-8.89	-41.2	-56.89	3.8	3	0	0	A
		8550	-65.28	-38.28	-27	-72.29	3.8	3.21	0	0	P
		11400	-39.65	-18.45	-21.2	-46.76	3.8	3.31	0	0	P
		11400	-45.75	-4.55	-41.2	-52.86	3.8	3.31	0	0	A
		17100	-53.79	-26.79	-27	-65.34	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 100 5500MHz		5458.75	-38.67	-17.47	-21.2	-44.73	3.8	2.26	0	0	P
		5468.2	-32.74	-5.74	-27	-38.8	3.8	2.26	0	0	P
		5420.95	-48.47	-7.27	-41.2	-54.38	3.8	2.11	0	0	A
	*	5500	16.98	-	-	10.77	3.8	2.41	0	0	P
	*	5500	9.63	-	-	3.42	3.8	2.41	0	0	A
802.11n HT20 CH 116 5580MHz		5420.38	-49.28	-28.08	-21.2	-55.19	3.8	2.11	0	0	P
		5465.23	-50.26	-23.26	-27	-56.32	3.8	2.26	0	0	P
		5417.62	-55.92	-14.72	-41.2	-61.83	3.8	2.11	0	0	A
	*	5580	17.4	-	-	11.26	3.8	2.34	0	0	P
	*	5580	10.07	-	-	3.93	3.8	2.34	0	0	A
		5737.805	-46.17	-19.17	-27	-52.1	3.8	2.13	0	0	P
802.11n HT20 CH 140 5700MHz	*	5700	16.96	-	-	11.01	3.8	2.15	0	0	P
	*	5700	10.04	-	-	4.09	3.8	2.15	0	0	A
		5725.09	-29.95	-2.95	-27	-35.89	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 100 5500MHz		6875	-47.76	-20.76	-27	-54.05	3.8	2.49	0	0	P
		7333.2	-47.02	-25.82	-21.2	-53.75	3.8	2.93	0	0	P
		7333.2	-47.45	-6.25	-41.2	-54.18	3.8	2.93	0	0	A
		8250	-64.96	-43.76	-21.2	-71.75	3.8	2.99	0	0	P
		8250	-68.96	-27.76	-41.2	-75.75	3.8	2.99	0	0	A
		9166.3	-64.63	-43.43	-21.2	-71.76	3.8	3.33	0	0	P
		9166.3	-71.57	-30.37	-41.2	-78.7	3.8	3.33	0	0	A
		11000	-43.89	-22.69	-21.2	-50.84	3.8	3.15	0	0	P
		11000	-50.88	-9.68	-41.2	-57.83	3.8	3.15	0	0	A
		16504	-68.93	-41.93	-27	-79.5	3.8	6.77	0	0	P
802.11n HT20 CH 116 5580MHz		7439.8	-46.96	-25.76	-21.2	-53.76	3.8	3	0	0	P
		7439.8	-47.71	-6.51	-41.2	-54.51	3.8	3	0	0	A
		8370	-65.83	-44.63	-21.2	-72.59	3.8	2.96	0	0	P
		8370	-69.4	-28.2	-41.2	-76.16	3.8	2.96	0	0	A
		11160	-43.35	-22.15	-21.2	-50.36	3.8	3.21	0	0	P
		11160	-50.02	-8.82	-41.2	-57.03	3.8	3.21	0	0	A
		16740	-58.52	-31.52	-27	-69.56	3.8	7.24	0	0	P
802.11n HT20 CH 140 5700MHz		7125	-48.71	-21.71	-27	-55.39	3.8	2.88	0	0	P
		7599.8	-47.61	-26.41	-21.2	-54.41	3.8	3	0	0	P
		7599.8	-49.59	-8.39	-41.2	-56.39	3.8	3	0	0	A
		8550	-64.23	-37.23	-27	-71.24	3.8	3.21	0	0	P
		11400	-37.41	-16.21	-21.2	-44.52	3.8	3.31	0	0	P
		11400	-45.12	-3.92	-41.2	-52.23	3.8	3.31	0	0	A
		17100	-55.24	-28.24	-27	-66.79	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 100 5500MHz		5456.65	-43.63	-22.43	-21.2	-49.69	3.8	2.26	0	0	P
		5465.65	-33.73	-6.73	-27	-39.79	3.8	2.26	0	0	P
		5459.95	-46.13	-4.93	-41.2	-52.19	3.8	2.26	0	0	A
	*	5500	16.78	-	-	10.57	3.8	2.41	0	0	P
	*	5500	8.81	-	-	2.6	3.8	2.41	0	0	A
802.11ax HE20 Full CH 116 5580MHz		5418.77	-49.22	-28.02	-21.2	-55.13	3.8	2.11	0	0	P
		5465	-52.7	-25.7	-27	-58.76	3.8	2.26	0	0	P
		5419.46	-56.36	-15.16	-41.2	-62.27	3.8	2.11	0	0	A
	*	5580	15.03	-	-	8.89	3.8	2.34	0	0	P
	*	5580	9.53	-	-	3.39	3.8	2.34	0	0	A
		5736.51	-46.38	-19.38	-27	-52.31	3.8	2.13	0	0	P
802.11ax HE20 Full CH 140 5700MHz	*	5700	16.91	-	-	10.96	3.8	2.15	0	0	P
	*	5700	8.79	-	-	2.84	3.8	2.15	0	0	A
		5725.35	-27.21	-0.21	-27	-33.15	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz
WIFI 802.11ax HE20 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 100 5500MHz		6875	-48.03	-21.03	-27	-54.32	3.8	2.49	0	0	P
		7333.2	-47.74	-26.54	-21.2	-54.47	3.8	2.93	0	0	P
		7333.2	-47.89	-6.69	-41.2	-54.62	3.8	2.93	0	0	A
		8250	-65.59	-44.39	-21.2	-72.38	3.8	2.99	0	0	P
		8250	-69.38	-28.18	-41.2	-76.17	3.8	2.99	0	0	A
		9166.3	-65.65	-44.45	-21.2	-72.78	3.8	3.33	0	0	P
		9166.3	-72.45	-31.25	-41.2	-79.58	3.8	3.33	0	0	A
		11000	-43.61	-22.41	-21.2	-50.56	3.8	3.15	0	0	P
		11000	-50.75	-9.55	-41.2	-57.7	3.8	3.15	0	0	A
		16500	-69.11	-42.11	-27	-79.68	3.8	6.77	0	0	P
802.11ax HE20 Full CH 116 5580MHz		6975	-49.25	-22.25	-27	-55.36	3.8	2.31	0	0	P
		7439.8	-47.78	-26.58	-21.2	-54.58	3.8	3	0	0	P
		7439.8	-48.07	-6.87	-41.2	-54.87	3.8	3	0	0	A
		8370	-66.14	-44.94	-21.2	-72.9	3.8	2.96	0	0	P
		8370	-69.1	-27.9	-41.2	-75.86	3.8	2.96	0	0	A
		9299.6	-69.56	-42.56	-27	-76.7	3.8	3.34	0	0	P
		11160	-43.5	-22.3	-21.2	-50.51	3.8	3.21	0	0	P
		11160	-50.35	-9.15	-41.2	-57.36	3.8	3.21	0	0	A
		16740	-58.78	-31.78	-27	-69.82	3.8	7.24	0	0	P
802.11ax HE20 Full CH 140 5700MHz		7125	-48.66	-21.66	-27	-55.34	3.8	2.88	0	0	P
		7599.8	-49.9	-28.7	-21.2	-56.7	3.8	3	0	0	P
		7599.8	-50.01	-8.81	-41.2	-56.81	3.8	3	0	0	A
		8550	-63.97	-36.97	-27	-70.98	3.8	3.21	0	0	P
		11400	-40.03	-18.83	-21.2	-47.14	3.8	3.31	0	0	P
		11400	-45.91	-4.71	-41.2	-53.02	3.8	3.31	0	0	A
		17100	-54.94	-27.94	-27	-66.49	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5457.55	-38.09	-16.89	-21.2	-44.15	3.8	2.26	0	0	P
		5468.35	-32.64	-5.64	-27	-38.7	3.8	2.26	0	0	P
		5411.5	-45.45	-4.25	-41.2	-51.28	3.8	2.03	0	0	A
	*	5500	18.03	-	-	11.82	3.8	2.41	0	0	P
	*	5500	12.75	-	-	6.54	3.8	2.41	0	0	A
802.11ax HE20 Partial 26/4 CH 116 5580MHz		5419.23	-47.91	-26.71	-21.2	-53.82	3.8	2.11	0	0	P
		5460.86	-51.12	-24.12	-27	-57.18	3.8	2.26	0	0	P
		5419.46	-53.8	-12.6	-41.2	-59.71	3.8	2.11	0	0	A
	*	5578	19.35	-	-	13.21	3.8	2.34	0	0	P
	*	5578	12.11	-	-	5.97	3.8	2.34	0	0	A
		5740.58	-46.46	-19.46	-27	-52.39	3.8	2.13	0	0	P
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5710	20.35	-	-	14.4	3.8	2.15	0	0	P
	*	5710	13.76	-	-	7.81	3.8	2.15	0	0	A
		5725.545	-27.76	-0.76	-27	-33.7	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 100 5500MHz		6875	-46.6	-19.6	-27	-52.89	3.8	2.49	0	0	P
		7333.2	-46.99	-25.79	-21.2	-53.72	3.8	2.93	0	0	P
		7333.2	-47.28	-6.08	-41.2	-54.01	3.8	2.93	0	0	A
		8250	-64.04	-42.84	-21.2	-70.83	3.8	2.99	0	0	P
		8250	-65.35	-24.15	-41.2	-72.14	3.8	2.99	0	0	A
		9166.3	-59.54	-38.34	-21.2	-66.67	3.8	3.33	0	0	P
		9166.3	-62.96	-21.76	-41.2	-70.09	3.8	3.33	0	0	A
		11000	-38.25	-17.05	-21.2	-45.2	3.8	3.15	0	0	P
		11000	-46.35	-5.15	-41.2	-53.3	3.8	3.15	0	0	A
		16500	-63.66	-36.66	-27	-74.23	3.8	6.77	0	0	P
802.11ax HE20 Partial 26/4 CH 116 5580MHz		6975	-46.52	-19.52	-27	-52.63	3.8	2.31	0	0	P
		7439.8	-46.71	-25.51	-21.2	-53.51	3.8	3	0	0	P
		7439.8	-47.81	-6.61	-41.2	-54.61	3.8	3	0	0	A
		8370	-61.93	-40.73	-21.2	-68.69	3.8	2.96	0	0	P
		8370	-65.27	-24.07	-41.2	-72.03	3.8	2.96	0	0	A
		9299.6	-64.66	-37.66	-27	-71.8	3.8	3.34	0	0	P
		11160	-40.34	-19.14	-21.2	-47.35	3.8	3.21	0	0	P
		11160	-47.47	-6.27	-41.2	-54.48	3.8	3.21	0	0	A
		16740	-62.12	-35.12	-27	-73.16	3.8	7.24	0	0	P
802.11ax HE20 Partial 26/8 CH 140 5700MHz		7125	-46.92	-19.92	-27	-53.6	3.8	2.88	0	0	P
		7599.8	-46.82	-25.62	-21.2	-53.62	3.8	3	0	0	P
		7599.8	-47.3	-6.1	-41.2	-54.1	3.8	3	0	0	A
		8550	-63.5	-36.5	-27	-70.51	3.8	3.21	0	0	P
		11400	-33.15	-11.95	-21.2	-40.26	3.8	3.31	0	0	P
		11400	-43.99	-2.79	-41.2	-51.1	3.8	3.31	0	0	A
		17100	-55.9	-28.9	-27	-67.45	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		5457.7	-38.61	-17.41	-21.2	-44.67	3.8	2.26	0	0	P
		5469.7	-32.14	-5.14	-27	-38.2	3.8	2.26	0	0	P
		5412.55	-47.44	-6.24	-41.2	-53.35	3.8	2.11	0	0	A
	*	5500	18.06	-	-	11.85	3.8	2.41	0	0	P
	*	5500	11.34	-	-	5.13	3.8	2.41	0	0	A
802.11ax HE20 Partial 52/38 CH 116 5580MHz		5415.55	-49.14	-27.94	-21.2	-55.05	3.8	2.11	0	0	P
		5465.69	-52.28	-25.28	-27	-58.34	3.8	2.26	0	0	P
		5416.24	-54.65	-13.45	-41.2	-60.56	3.8	2.11	0	0	A
	*	5580	18.65	-	-	12.51	3.8	2.34	0	0	P
	*	5580	12.35	-	-	6.21	3.8	2.34	0	0	A
		5736.695	-44.1	-17.1	-27	-50.03	3.8	2.13	0	0	P
802.11ax HE20 Partial 52/40 CH 140 5700MHz	*	5700	18.54	-	-	12.59	3.8	2.15	0	0	P
	*	5700	12.01	-	-	6.06	3.8	2.15	0	0	A
		5726.585	-30.1	-3.1	-27	-36.04	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		6875	-45.86	-18.86	-27	-52.15	3.8	2.49	0	0	P
		7333.2	-46.68	-25.48	-21.2	-53.41	3.8	2.93	0	0	P
		7333.2	-47.52	-6.32	-41.2	-54.25	3.8	2.93	0	0	A
		8250	-64.91	-43.71	-21.2	-71.7	3.8	2.99	0	0	P
		8250	-67.11	-25.91	-41.2	-73.9	3.8	2.99	0	0	A
		9166.3	-64.87	-43.67	-21.2	-72	3.8	3.33	0	0	P
		9166.3	-69.37	-28.17	-41.2	-76.5	3.8	3.33	0	0	A
		11000	-42.94	-21.74	-21.2	-49.89	3.8	3.15	0	0	P
		11000	-48.6	-7.4	-41.2	-55.55	3.8	3.15	0	0	A
802.11ax HE20 Partial 52/38 CH 116 5580MHz		6975	-47.55	-20.55	-27	-53.66	3.8	2.31	0	0	P
		7439.8	-46.84	-25.64	-21.2	-53.64	3.8	3	0	0	P
		7439.8	-47.31	-6.11	-41.2	-54.11	3.8	3	0	0	A
		8370	-64.42	-43.22	-21.2	-71.18	3.8	2.96	0	0	P
		8370	-67.34	-26.14	-41.2	-74.1	3.8	2.96	0	0	A
		9299.6	-64.54	-37.54	-27	-71.68	3.8	3.34	0	0	P
		11160	-42.16	-20.96	-21.2	-49.17	3.8	3.21	0	0	P
		11160	-48.17	-6.97	-41.2	-55.18	3.8	3.21	0	0	A
		16740	-63.62	-36.62	-27	-74.66	3.8	7.24	0	0	P
802.11ax HE20 Partial 52/40 CH 140 5700MHz		7125	-47.14	-20.14	-27	-53.82	3.8	2.88	0	0	P
		7599.8	-46.39	-25.19	-21.2	-53.19	3.8	3	0	0	P
		7599.8	-47.72	-6.52	-41.2	-54.52	3.8	3	0	0	A
		8550	-63.09	-36.09	-27	-70.1	3.8	3.21	0	0	P
		11400	-39.97	-18.77	-21.2	-47.08	3.8	3.31	0	0	P
		11400	-45.99	-4.79	-41.2	-53.1	3.8	3.31	0	0	A
		17100	-54.05	-27.05	-27	-65.6	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5454.85	-39.52	-18.32	-21.2	-45.58	3.8	2.26	0	0	P
		5467.9	-32.5	-5.5	-27	-38.56	3.8	2.26	0	0	P
		5415.1	-49.76	-8.56	-41.2	-55.67	3.8	2.11	0	0	A
	*	5500	16.62	-	-	10.41	3.8	2.41	0	0	P
	*	5500	8.66	-	-	2.45	3.8	2.41	0	0	A
802.11ax HE20 Partial 1106/53 CH 116 5580MHz		5457.41	-49.81	-28.61	-21.2	-55.87	3.8	2.26	0	0	P
		5467.3	-52.11	-25.11	-27	-58.17	3.8	2.26	0	0	P
		5415.09	-56.53	-15.33	-41.2	-62.44	3.8	2.11	0	0	A
	*	5580	16.52	-	-	10.38	3.8	2.34	0	0	P
	*	5580	8.78	-	-	2.64	3.8	2.34	0	0	A
		5734.29	-45.5	-18.5	-27	-51.43	3.8	2.13	0	0	P
		5457.41	-49.81	-28.61	-21.2	-55.87	3.8	2.26	0	0	P
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	16.17	-	-	10.22	3.8	2.15	0	0	P
	*	5700	9.02	-	-	3.07	3.8	2.15	0	0	A
		5726.715	-30.57	-3.57	-27	-36.51	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		6875	-46.15	-19.15	-27	-52.44	3.8	2.49	0	0	P
		7333.2	-46.85	-25.65	-21.2	-53.58	3.8	2.93	0	0	P
		7333.2	-47.26	-6.06	-41.2	-53.99	3.8	2.93	0	0	A
		8250	-65.23	-44.03	-21.2	-72.02	3.8	2.99	0	0	P
		8250	-66.91	-25.71	-41.2	-73.7	3.8	2.99	0	0	A
		9166.3	-65.8	-44.6	-21.2	-72.93	3.8	3.33	0	0	P
		9166.3	-72.07	-30.87	-41.2	-79.2	3.8	3.33	0	0	A
		11000	-44.23	-23.03	-21.2	-51.18	3.8	3.15	0	0	P
		11000	-51.85	-10.65	-41.2	-58.8	3.8	3.15	0	0	A
		16500	-66.74	-39.74	-27	-77.31	3.8	6.77	0	0	P
802.11ax HE20 Partial 1106/53 CH 116 5580MHz		6975	-46.44	-19.44	-27	-52.55	3.8	2.31	0	0	P
		7439.8	-46.84	-25.64	-21.2	-53.64	3.8	3	0	0	P
		7439.8	-47.31	-6.11	-41.2	-54.11	3.8	3	0	0	A
		8370	-64.79	-43.59	-21.2	-71.55	3.8	2.96	0	0	P
		8370	-67.34	-26.14	-41.2	-74.1	3.8	2.96	0	0	A
		9299.6	-67.4	-40.4	-27	-74.54	3.8	3.34	0	0	P
		11160	-43.92	-22.72	-21.2	-50.93	3.8	3.21	0	0	P
		11160	-51.59	-10.39	-41.2	-58.6	3.8	3.21	0	0	A
		16740	-63.94	-36.94	-27	-74.98	3.8	7.24	0	0	P
802.11ax HE20 Partial 106/54 CH 140 5700MHz		7125	-47	-20	-27	-53.68	3.8	2.88	0	0	P
		7599.8	-46.74	-25.54	-21.2	-53.54	3.8	3	0	0	P
		7599.8	-47.33	-6.13	-41.2	-54.13	3.8	3	0	0	A
		8550	-64.13	-37.13	-27	-71.14	3.8	3.21	0	0	P
		11400	-39.62	-18.42	-21.2	-46.73	3.8	3.31	0	0	P
		11400	-48.98	-7.78	-41.2	-56.09	3.8	3.31	0	0	A
		17100	-58.82	-31.82	-27	-70.37	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Emission above 18GHz
WIFI 802.11ax HE20 (SHF)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 SHF		28500	-42.93	-15.93	-27	-59.3	3.8	12.57	0	0	P
		39032	-45.33	-24.13	-21.2	-69.98	3.8	20.85	0	0	P
Remark	- No other spurious found. - All results are PASS against limit line.										

Emission below 1GHz
WIFI 802.11ax HE20 (LF)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 LF		69.77	-86.18	-30.98	-55.2	-94.98	3.8	0.3	0	4.7	P
		195.87	-85.59	-33.89	-51.7	-94.49	3.8	0.4	0	4.7	P
		246.31	-84.94	-35.74	-49.2	-93.9	3.8	0.46	0	4.7	P
		505.3	-84.68	-35.48	-49.2	-93.79	3.8	0.61	0	4.7	P
		812.79	-71.89	-22.69	-49.2	-81.29	3.8	0.9	0	4.7	P
		917.55	-79.13	-29.93	-49.2	-88.53	3.8	0.9	0	4.7	P
Remark	- No other spurious found. - All results are PASS against limit line.										



Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 149 5745MHz		5640.2	-51.51	-24.51	-27	-57.56	3.8	2.25	0	0	P
		5663.8	-42.72	-25.96	-16.76	-48.74	3.8	2.22	0	0	P
		5718.6	-34.99	-50.2	15.21	-40.93	3.8	2.14	0	0	P
		5724.6	-29.7	-55.79	26.09	-35.64	3.8	2.14	0	0	P
	*	5745	16.72	-	-	10.79	3.8	2.13	0	0	P
	*	5745	9.69	-	-	3.76	3.8	2.13	0	0	A
802.11a CH 157 5785MHz		5626	-45.89	-18.89	-27	-51.98	3.8	2.29	0	0	P
		5699.8	-43.27	-53.12	9.85	-49.22	3.8	2.15	0	0	P
		5704.2	-40.78	-51.96	11.18	-46.73	3.8	2.15	0	0	P
		5721.8	-46.95	-66.66	19.71	-52.89	3.8	2.14	0	0	P
	*	5785	14.08	-	-	8.18	3.8	2.1	0	0	P
	*	5785	9.7	-	-	3.8	3.8	2.1	0	0	A
		5854.2	-47.48	-64.9	17.42	-53.41	3.8	2.11	0	0	P
		5864.2	-40.03	-53.05	13.02	-45.96	3.8	2.13	0	0	P
		5898	-49.03	-41.97	-7.06	-54.98	3.8	2.15	0	0	P
		5947.4	-47.08	-20.08	-27	-53.07	3.8	2.19	0	0	P
802.11a CH 165 5825MHz	*	5825	16.79	-	-	10.89	3.8	2.1	0	0	P
	*	5825	9.75	-	-	3.85	3.8	2.1	0	0	A
		5852.6	-35.31	-56.38	21.07	-41.24	3.8	2.11	0	0	P
		5855.2	-37.29	-52.83	15.54	-43.22	3.8	2.13	0	0	P
		5907.4	-40.72	-26.71	-14.01	-46.67	3.8	2.15	0	0	P
		5942.4	-50.73	-23.73	-27	-56.72	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 149 5745MHz		7181.3	-47.87	-20.87	-27	-54.61	3.8	2.94	0	0	P
		7659.8	-51.51	-30.31	-21.2	-58.42	3.8	3.11	0	0	P
		7659.8	-51.63	-10.43	-41.2	-58.54	3.8	3.11	0	0	A
		8617.5	-64.46	-37.46	-27	-71.59	3.8	3.33	0	0	P
		11490	-41.43	-20.23	-21.2	-48.58	3.8	3.35	0	0	P
		11490	-47.27	-6.07	-41.2	-54.42	3.8	3.35	0	0	A
		17235	-51.5	-24.5	-27	-63.07	3.8	7.77	0	0	P
802.11a CH 157 5785MHz		7231.3	-48.29	-21.29	-27	-55.02	3.8	2.93	0	0	P
		7713.1	-51.38	-30.18	-21.2	-58.4	3.8	3.22	0	0	P
		7713.1	-51.72	-10.52	-41.2	-58.74	3.8	3.22	0	0	A
		8677.5	-66.66	-39.66	-27	-73.86	3.8	3.4	0	0	P
		11570	-35.45	-14.25	-21.2	-42.62	3.8	3.37	0	0	P
		11570	-43.5	-2.3	-41.2	-50.67	3.8	3.37	0	0	A
		17355	-54.78	-27.78	-27	-66.36	3.8	7.78	0	0	P
802.11a CH 165 5825MHz		7281.3	-46.92	-25.72	-21.2	-53.64	3.8	2.92	0	0	P
		7281.3	-48.14	-6.94	-41.2	-54.86	3.8	2.92	0	0	A
		7766.5	-46.71	-19.71	-27	-53.84	3.8	3.33	0	0	P
		8737.5	-65.95	-38.95	-27	-73.15	3.8	3.4	0	0	P
		11650	-36.99	-15.79	-21.2	-44.19	3.8	3.4	0	0	P
		11650	-45.26	-4.06	-41.2	-52.46	3.8	3.4	0	0	A
		17475	-51.05	-24.05	-27	-62.64	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 149 5745MHz		5649	-48.44	-21.44	-27	-54.49	3.8	2.25	0	0	P
		5667	-41.67	-27.29	-14.38	-47.69	3.8	2.22	0	0	P
		5719.4	-32.49	-47.92	15.43	-38.43	3.8	2.14	0	0	P
		5724.4	-25.86	-51.49	25.63	-31.8	3.8	2.14	0	0	P
	*	5745	15.33	-	-	9.4	3.8	2.13	0	0	P
	*	5745	9.89	-	-	3.96	3.8	2.13	0	0	A
802.11n HT20 CH 157 5785MHz		5623.865	-46.87	-19.87	-27	-52.96	3.8	2.29	0	0	P
		5698.42	-42.75	-51.59	8.84	-48.7	3.8	2.15	0	0	P
		5704.155	-40.52	-51.69	11.17	-46.47	3.8	2.15	0	0	P
		5723.765	-45.73	-69.92	24.19	-51.67	3.8	2.14	0	0	P
	*	5785	15.65	-	-	9.75	3.8	2.1	0	0	P
	*	5785	9.94	-	-	4.04	3.8	2.1	0	0	A
		5851.99	-48.64	-71.1	22.46	-54.57	3.8	2.13	0	0	P
		5863.705	-40.37	-53.53	13.16	-46.3	3.8	2.13	0	0	P
		5903.14	-48.93	-38.07	-10.86	-54.88	3.8	2.15	0	0	P
		5942.74	-45.51	-18.51	-27	-51.5	3.8	2.19	0	0	P
802.11n HT20 CH 165 5825MHz	*	5825	16.96	-	-	11.06	3.8	2.1	0	0	P
	*	5825	9.92	-	-	4.02	3.8	2.1	0	0	A
		5850.2	-27.84	-54.38	26.54	-33.75	3.8	2.11	0	0	P
		5857.2	-35.45	-50.43	14.98	-41.38	3.8	2.13	0	0	P
		5906.4	-40.35	-27.08	-13.27	-46.3	3.8	2.15	0	0	P
		5944.8	-49.48	-22.48	-27	-55.47	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 149 5745MHz		7181.3	-47.49	-20.49	-27	-54.23	3.8	2.94	0	0	P
		7659.8	-47.58	-26.38	-21.2	-54.49	3.8	3.11	0	0	P
		7659.8	-47.61	-6.41	-41.2	-54.52	3.8	3.11	0	0	A
		8617.5	-63.78	-36.78	-27	-70.91	3.8	3.33	0	0	P
		11490	-40.74	-19.54	-21.2	-47.89	3.8	3.35	0	0	P
		11490	-47.68	-6.48	-41.2	-54.83	3.8	3.35	0	0	A
		17235	-50.66	-23.66	-27	-62.23	3.8	7.77	0	0	P
802.11n HT20 CH 157 5785MHz		7231.3	-47.82	-20.82	-27	-54.55	3.8	2.93	0	0	P
		7713.1	-50.78	-29.58	-21.2	-57.8	3.8	3.22	0	0	P
		7713.1	-51.47	-10.27	-41.2	-58.49	3.8	3.22	0	0	A
		8677.5	-66.82	-39.82	-27	-74.02	3.8	3.4	0	0	P
		11570	-37.91	-16.71	-21.2	-45.08	3.8	3.37	0	0	P
		11570	-44.38	-3.18	-41.2	-51.55	3.8	3.37	0	0	A
		17355	-53.6	-26.6	-27	-65.18	3.8	7.78	0	0	P
802.11n HT20 CH 165 5825MHz		7281.3	-47.12	-25.92	-21.2	-53.84	3.8	2.92	0	0	P
		7281.3	-47.96	-6.76	-41.2	-54.68	3.8	2.92	0	0	A
		7766.5	-46.42	-19.42	-27	-53.55	3.8	3.33	0	0	P
		8737.5	-65.52	-38.52	-27	-72.72	3.8	3.4	0	0	P
		11650	-39.47	-18.27	-21.2	-46.67	3.8	3.4	0	0	P
		11650	-46.21	-5.01	-41.2	-53.41	3.8	3.4	0	0	A
		17475	-48.43	-21.43	-27	-60.02	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Full (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 149 5745MHz		5635.2	-49.29	-22.29	-27	-55.34	3.8	2.25	0	0	P
		5665.6	-43.13	-27.71	-15.42	-49.15	3.8	2.22	0	0	P
		5719	-27.83	-43.15	15.32	-33.77	3.8	2.14	0	0	P
		5724.8	-23.98	-50.52	26.54	-29.92	3.8	2.14	0	0	P
	*	5745	16.5	-	-	10.57	3.8	2.13	0	0	P
	*	5745	9.16	-	-	3.23	3.8	2.13	0	0	A
802.11ax HE20 Full CH 157 5785MHz		5629.23	-46.57	-19.57	-27	-52.66	3.8	2.29	0	0	P
		5699.53	-41.9	-51.55	9.65	-47.85	3.8	2.15	0	0	P
		5705.45	-39.6	-51.13	11.53	-45.55	3.8	2.15	0	0	P
		5722.285	-46.67	-67.48	20.81	-52.61	3.8	2.14	0	0	P
	*	5785	16.48	-	-	10.58	3.8	2.1	0	0	P
	*	5785	9.52	-	-	3.62	3.8	2.1	0	0	A
		5851.165	-48.39	-72.73	24.34	-54.3	3.8	2.11	0	0	P
		5866.51	-40.66	-53.04	12.38	-46.59	3.8	2.13	0	0	P
		5899.51	-47.87	-39.69	-8.18	-53.82	3.8	2.15	0	0	P
		5941.75	-45.95	-18.95	-27	-51.94	3.8	2.19	0	0	P
802.11ax HE20 Full CH 165 5825MHz	*	5825	17.58	-	-	11.68	3.8	2.1	0	0	P
	*	5825	8.86	-	-	2.96	3.8	2.1	0	0	A
		5850	-23.14	-50.14	27	-29.05	3.8	2.11	0	0	P
		5857.6	-33.13	-48	14.87	-39.06	3.8	2.13	0	0	P
		5901.4	-41.61	-32.04	-9.57	-47.56	3.8	2.15	0	0	P
		5939.8	-50.13	-23.13	-27	-56.12	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz
WIFI 802.11ax HE20 Full (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 149 5745MHz		7181.3	-47.84	-20.84	-27	-54.58	3.8	2.94	0	0	P
		7659.8	-48.18	-26.98	-21.2	-55.09	3.8	3.11	0	0	P
		7659.8	-48.1	-6.9	-41.2	-55.01	3.8	3.11	0	0	A
		8617.5	-64.03	-37.03	-27	-71.16	3.8	3.33	0	0	P
		11490	-40.95	-19.75	-21.2	-48.1	3.8	3.35	0	0	P
		11490	-47.65	-6.45	-41.2	-54.8	3.8	3.35	0	0	A
		17235	-52.47	-25.47	-27	-64.04	3.8	7.77	0	0	P
802.11ax HE20 Full CH 157 5785MHz		7231.3	-48.19	-21.19	-27	-54.92	3.8	2.93	0	0	P
		7713.1	-51.83	-30.63	-21.2	-58.85	3.8	3.22	0	0	P
		7713.1	-51.75	-10.55	-41.2	-58.77	3.8	3.22	0	0	A
		8677.5	-66.67	-39.67	-27	-73.87	3.8	3.4	0	0	P
		11570	-35.93	-14.73	-21.2	-43.1	3.8	3.37	0	0	P
		11570	-44.29	-3.09	-41.2	-51.46	3.8	3.37	0	0	A
		17355	-53.97	-26.97	-27	-65.55	3.8	7.78	0	0	P
802.11ax HE20 Full CH 165 5825MHz		7281.3	-47.41	-26.21	-21.2	-54.13	3.8	2.92	0	0	P
		7281.3	-48.1	-6.9	-41.2	-54.82	3.8	2.92	0	0	A
		7766.5	-46.9	-19.9	-27	-54.03	3.8	3.33	0	0	P
		8737.5	-66.48	-39.48	-27	-73.68	3.8	3.4	0	0	P
		11650	-38.32	-17.12	-21.2	-45.52	3.8	3.4	0	0	P
		11650	-45.66	-4.46	-41.2	-52.86	3.8	3.4	0	0	A
		17475	-52.37	-25.37	-27	-63.96	3.8	7.79	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 26 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 149 5745MHz		5616.6	-42.16	-15.16	-27	-48.25	3.8	2.29	0	0	P
		5656.4	-37.55	-15.3	-22.25	-43.57	3.8	2.22	0	0	P
		5717	-26.58	-41.34	14.76	-32.52	3.8	2.14	0	0	P
		5720.6	-22.55	-39.52	16.97	-28.49	3.8	2.14	0	0	P
	*	5745	18.59	-	-	12.66	3.8	2.13	0	0	P
	*	5745	13.73	-	-	7.8	3.8	2.13	0	0	A
802.11ax HE20 Partial 26/4 CH 157 5785MHz		5624.42	-43.58	-16.58	-27	-49.67	3.8	2.29	0	0	P
		5698.975	-47.1	-56.35	9.25	-53.05	3.8	2.15	0	0	P
		5705.635	-38.74	-50.32	11.58	-44.69	3.8	2.15	0	0	P
		5724.505	-47.42	-73.29	25.87	-53.36	3.8	2.14	0	0	P
	*	5785	16.87	-	-	10.97	3.8	2.1	0	0	P
	*	5785	11.69	-	-	5.79	3.8	2.1	0	0	A
		5850.67	-48.59	-74.06	25.47	-54.5	3.8	2.11	0	0	P
		5866.015	-37.51	-50.02	12.51	-43.44	3.8	2.13	0	0	P
		5905.615	-49.46	-36.77	-12.69	-55.41	3.8	2.15	0	0	P
		5944.39	-44.35	-17.35	-27	-50.34	3.8	2.19	0	0	P
802.11ax HE20 Partial 26/8 CH 165 5825MHz	*	5825	20.22	-	-	14.32	3.8	2.1	0	0	P
	*	5825	12.58	-	-	6.68	3.8	2.1	0	0	A
		5850.8	-28.34	-53.52	25.18	-34.25	3.8	2.11	0	0	P
		5858.2	-33.69	-48.39	14.7	-39.62	3.8	2.13	0	0	P
		5913.2	-36.45	-18.15	-18.3	-42.42	3.8	2.17	0	0	P
		5949.4	-50.68	-23.68	-27	-56.67	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 26 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 149 5745MHz		7176	-45.76	-18.76	-27	-52.5	3.8	2.94	0	0	P
		7660	-46.88	-25.68	-21.2	-53.79	3.8	3.11	0	0	P
		7660	-47.75	-6.55	-41.2	-54.66	3.8	3.11	0	0	A
		8617	-63.24	-36.24	-27	-70.37	3.8	3.33	0	0	P
		11490	-37.02	-15.82	-21.2	-44.17	3.8	3.35	0	0	P
		11490	-54.03	-12.83	-41.2	-61.18	3.8	3.35	0	0	A
		17235	-60.15	-33.15	-27	-71.72	3.8	7.77	0	0	P
802.11ax HE20 Partial 26/4 CH 157 5785MHz		7231.3	-45.33	-18.33	-27	-52.06	3.8	2.93	0	0	P
		7713.1	-48.71	-27.51	-21.2	-55.73	3.8	3.22	0	0	P
		7713.1	-49.79	-8.59	-41.2	-56.81	3.8	3.22	0	0	A
		8677.5	-64	-37	-27	-71.2	3.8	3.4	0	0	P
		11570	-36.02	-14.82	-21.2	-43.19	3.8	3.37	0	0	P
		11570	-43.78	-2.58	-41.2	-50.95	3.8	3.37	0	0	A
		17355	-53.47	-26.47	-27	-65.05	3.8	7.78	0	0	P
802.11ax HE20 Partial 26/8 CH 165 5825MHz		7281.3	-45.15	-23.95	-21.2	-51.87	3.8	2.92	0	0	P
		7281.3	-46.16	-4.96	-41.2	-52.88	3.8	2.92	0	0	A
		7766.5	-45.99	-18.99	-27	-53.12	3.8	3.33	0	0	P
		8737.5	-66.54	-39.54	-27	-73.74	3.8	3.4	0	0	P
		11650	-36.48	-15.28	-21.2	-43.68	3.8	3.4	0	0	P
		11650	-43.86	-2.66	-41.2	-51.06	3.8	3.4	0	0	A
		17475	-44.31	-17.31	-27	-55.9	3.8	7.79	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 52 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 149 5745MHz		5617.8	-47.11	-20.11	-27	-53.2	3.8	2.29	0	0	P
		5697.6	-38.56	-46.79	8.23	-44.51	3.8	2.15	0	0	P
		5716.2	-30.27	-44.81	14.54	-36.21	3.8	2.14	0	0	P
		5724.8	-27.5	-54.04	26.54	-33.44	3.8	2.14	0	0	P
	*	5745	18.22	-	-	12.29	3.8	2.13	0	0	P
	*	5745	9.82	-	-	3.89	3.8	2.13	0	0	A
802.11ax HE20 Partial 52/38 CH 157 5785MHz		5622.2	-46.39	-19.39	-27	-52.48	3.8	2.29	0	0	P
		5700.085	-42.49	-52.51	10.02	-48.44	3.8	2.15	0	0	P
		5701.75	-37.32	-47.81	10.49	-43.27	3.8	2.15	0	0	P
		5721.73	-49.02	-68.57	19.55	-54.96	3.8	2.14	0	0	P
	*	5785	18.62	-	-	12.72	3.8	2.1	0	0	P
	*	5785	11.15	-	-	5.25	3.8	2.1	0	0	A
		5851	-48.76	-73.48	24.72	-54.67	3.8	2.11	0	0	P
		5861.395	-39.01	-52.82	13.81	-44.94	3.8	2.13	0	0	P
		5900.335	-49.81	-41.02	-8.79	-55.76	3.8	2.15	0	0	P
		5941.585	-42.67	-15.67	-27	-48.66	3.8	2.19	0	0	P
802.11ax HE20 Partial 52/40 CH 165 5825MHz	*	5825	17.58	-	-	11.68	3.8	2.1	0	0	P
	*	5825	11.66	-	-	5.76	3.8	2.1	0	0	A
		5850.4	-27.6	-53.69	26.09	-33.51	3.8	2.11	0	0	P
		5861	-27.69	-41.61	13.92	-33.62	3.8	2.13	0	0	P
		5912.2	-38.04	-20.48	-17.56	-44.01	3.8	2.17	0	0	P
		5928	-49.05	-22.05	-27	-55.02	3.8	2.17	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 52 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 149 5745MHz		7181.3	-45.94	-18.94	-27	-52.68	3.8	2.94	0	0	P
		7659.8	-51.68	-30.48	-21.2	-58.59	3.8	3.11	0	0	P
		7659.8	-52.19	-10.99	-41.2	-59.1	3.8	3.11	0	0	A
		8617.5	-63.5	-36.5	-27	-70.63	3.8	3.33	0	0	P
		11490	-38.15	-16.95	-21.2	-45.3	3.8	3.35	0	0	P
		11490	-46.41	-5.21	-41.2	-53.56	3.8	3.35	0	0	A
		17235	-60.7	-33.7	-27	-72.27	3.8	7.77	0	0	P
802.11ax HE20 Partial 52/38 CH 157 5785MHz		7231.3	-45.88	-18.88	-27	-52.61	3.8	2.93	0	0	P
		7713.1	-49.38	-28.18	-21.2	-56.4	3.8	3.22	0	0	P
		7713.1	-50.08	-8.88	-41.2	-57.1	3.8	3.22	0	0	A
		8677.5	-66.2	-39.2	-27	-73.4	3.8	3.4	0	0	P
		11570	-37.03	-15.83	-21.2	-44.2	3.8	3.37	0	0	P
		11570	-43.25	-2.05	-41.2	-50.42	3.8	3.37	0	0	A
		17355	-49.58	-22.58	-27	-61.16	3.8	7.78	0	0	P
802.11ax HE20 Partial 52/40 CH 165 5825MHz		7281.3	-45.05	-23.85	-21.2	-51.77	3.8	2.92	0	0	P
		7281.3	-45.98	-4.78	-41.2	-52.7	3.8	2.92	0	0	A
		7766.5	-46.08	-19.08	-27	-53.21	3.8	3.33	0	0	P
		8737.5	-66.62	-39.62	-27	-73.82	3.8	3.4	0	0	P
		11650	-38.75	-17.55	-21.2	-45.95	3.8	3.4	0	0	P
		11650	-46.61	-5.41	-41.2	-53.81	3.8	3.4	0	0	A
		17475	-46.72	-19.72	-27	-58.31	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 106 (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 149 5745MHz		5622.2	-48.92	-21.92	-27	-55.01	3.8	2.29	0	0	P
		5697.2	-40.59	-48.53	7.94	-46.54	3.8	2.15	0	0	P
		5717	-25.64	-40.4	14.76	-31.58	3.8	2.14	0	0	P
		5725	-36.88	-63.88	27	-42.82	3.8	2.14	0	0	P
	*	5745	16.28	-	-	10.35	3.8	2.13	0	0	P
	*	5745	9.19	-	-	3.26	3.8	2.13	0	0	A
802.11ax HE20 Partial 106/53 CH 157 5785MHz		5618.685	-47.62	-20.62	-27	-53.71	3.8	2.29	0	0	P
		5697.68	-42.66	-50.95	8.29	-48.61	3.8	2.15	0	0	P
		5700.455	-42.18	-52.31	10.13	-48.13	3.8	2.15	0	0	P
		5723.58	-49.68	-73.44	23.76	-55.62	3.8	2.14	0	0	P
	*	5785	16.94	-	-	11.04	3.8	2.1	0	0	P
	*	5785	9.04	-	-	3.14	3.8	2.1	0	0	A
		5850.505	-49.19	-75.04	25.85	-55.1	3.8	2.11	0	0	P
		5860.24	-40.48	-54.61	14.13	-46.41	3.8	2.13	0	0	P
		5896.375	-48.42	-42.56	-5.86	-54.37	3.8	2.15	0	0	P
		5941.255	-48.02	-21.02	-27	-54.01	3.8	2.19	0	0	P
802.11ax HE20 Partial 106/54 CH 165 5825MHz	*	5825	15.84	-	-	9.94	3.8	2.1	0	0	P
	*	5825	8.89	-	-	2.99	3.8	2.1	0	0	A
		5851	-28.15	-52.87	24.72	-34.06	3.8	2.11	0	0	P
		5857	-37.09	-52.13	15.04	-43.02	3.8	2.13	0	0	P
		5912.6	-40.71	-22.86	-17.85	-46.68	3.8	2.17	0	0	P
		5949.2	-49.7	-22.7	-27	-55.69	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 106 (Harmonic)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 149 5745MHz		7181.3	-45.95	-18.95	-27	-52.69	3.8	2.94	0	0	P
		7659.8	-46.94	-25.74	-21.2	-53.85	3.8	3.11	0	0	P
		7659.8	-46.99	-5.79	-41.2	-53.9	3.8	3.11	0	0	A
		8617.5	-63.76	-36.76	-27	-70.89	3.8	3.33	0	0	P
		11490	-43.48	-22.28	-21.2	-50.63	3.8	3.35	0	0	P
		11490	-49.86	-8.66	-41.2	-57.01	3.8	3.35	0	0	A
		17235	-56.15	-29.15	-27	-67.72	3.8	7.77	0	0	P
802.11ax HE20 Partial 106/53 CH 157 5785MHz		7231.3	-46.2	-19.2	-27	-52.93	3.8	2.93	0	0	P
		7713.1	-49.33	-28.13	-21.2	-56.35	3.8	3.22	0	0	P
		7713.1	-50.18	-8.98	-41.2	-57.2	3.8	3.22	0	0	A
		8677.5	-66.23	-39.23	-27	-73.43	3.8	3.4	0	0	P
		11570	-39.15	-17.95	-21.2	-46.32	3.8	3.37	0	0	P
		11570	-46.45	-5.25	-41.2	-53.62	3.8	3.37	0	0	A
		17355	-56.84	-29.84	-27	-68.42	3.8	7.78	0	0	P
802.11ax HE20 Partial 106/54 CH 165 5825MHz		7281.3	-45.27	-24.07	-21.2	-51.99	3.8	2.92	0	0	P
		7281.3	-45.9	-4.7	-41.2	-52.62	3.8	2.92	0	0	A
		7766.5	-46.2	-19.2	-27	-53.33	3.8	3.33	0	0	P
		8737.5	-66.46	-39.46	-27	-73.66	3.8	3.4	0	0	P
		11650	-41.1	-19.9	-21.2	-48.3	3.8	3.4	0	0	P
		11650	-48.93	-7.73	-41.2	-56.13	3.8	3.4	0	0	A
		17475	-53.42	-26.42	-27	-65.01	3.8	7.79	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										

**Emission above 18GHz****WIFI 802.11ax HE20 (SHF)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 SHF		28925	-49.02	-22.02	-27	-65.96	3.8	13.14	0	0	P
		39956	-45	-23.8	-21.2	-69.45	3.8	20.65	0	0	P
Remark	● No other spurious found. ● All results are PASS against limit line.										

Emission below 1GHz**WIFI 802.11ax HE20 (LF)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 LF		60.07	-87.04	-31.84	-55.2	-95.82	3.8	0.28	0	4.7	P
		106.63	-85.91	-34.21	-51.7	-94.71	3.8	0.3	0	4.7	P
		263.77	-85.39	-36.19	-49.2	-94.35	3.8	0.46	0	4.7	P
		483.96	-85.46	-36.26	-49.2	-94.55	3.8	0.59	0	4.7	P
		814.73	-71.45	-22.25	-49.2	-80.85	3.8	0.9	0	4.7	P
		903	-80.15	-30.95	-49.2	-89.52	3.8	0.87	0	4.7	P
Remark	● No other spurious found. ● All results are PASS against limit line.										



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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 36 5180MHz		5149.94	-35.25	-14.05	-21.2	-41.14	3.8	2.09	0	0	P
		5149.76	-41.32	-0.12	-41.2	-47.21	3.8	2.09	0	0	A
	*	5180	16.32	-	-	10.58	3.8	1.94	0	0	P
	*	5180	9.41	-	-	3.67	3.8	1.94	0	0	A
802.11a CH 44 5220MHz		5141.24	-42.35	-21.15	-21.2	-48.24	3.8	2.09	0	0	P
		5138.82	-49.2	-8	-41.2	-55.09	3.8	2.09	0	0	A
	*	5220	15.97	-	-	10.27	3.8	1.9	0	0	P
	*	5220	10.01	-	-	4.31	3.8	1.9	0	0	A
		5381.28	-48.67	-27.47	-21.2	-54.49	3.8	2.02	0	0	P
		5381.52	-54.38	-13.18	-41.2	-60.2	3.8	2.02	0	0	A
802.11a CH 48 5240MHz		5078.48	-48.56	-27.36	-21.2	-54.54	3.8	2.18	0	0	P
		5138.48	-55.52	-14.32	-41.2	-61.41	3.8	2.09	0	0	A
	*	5240	13.71	-	-	7.99	3.8	1.92	0	0	P
	*	5240	9.41	-	-	3.69	3.8	1.92	0	0	A
		5397.08	-48.4	-27.2	-21.2	-54.23	3.8	2.03	0	0	P
		5401.92	-54	-12.8	-41.2	-59.83	3.8	2.03	0	0	A
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 36 5180MHz		6906.5	-46.74	-19.74	-27	-52.98	3.8	2.44	0	0	P
		8633	-59.49	-32.49	-27	-66.64	3.8	3.35	0	0	P
		10360	-48.62	-21.62	-27	-55.48	3.8	3.06	0	0	P
		15540	-52.49	-31.29	-21.2	-62.49	3.8	6.2	0	0	P
		15540	-59.4	-18.2	-41.2	-69.4	3.8	6.2	0	0	A
802.11a CH 44 5220MHz		6959.8	-46.88	-19.88	-27	-53.02	3.8	2.34	0	0	P
		8699.7	-58.49	-31.49	-27	-65.71	3.8	3.42	0	0	P
		10440	-44.23	-17.23	-27	-51.11	3.8	3.08	0	0	P
		15660	-46.09	-24.89	-21.2	-55.99	3.8	6.1	0	0	P
		15660	-54.5	-13.3	-41.2	-64.4	3.8	6.1	0	0	A
802.11a CH 48 5240MHz		6986.5	-45.41	-18.41	-27	-51.52	3.8	2.31	0	0	P
		8733	-56.45	-29.45	-27	-63.65	3.8	3.4	0	0	P
		10480	-43.42	-16.42	-27	-50.3	3.8	3.08	0	0	P
		15720	-51.16	-29.96	-21.2	-61.01	3.8	6.05	0	0	P
		15720	-58.05	-16.85	-41.2	-67.9	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 36 5180MHz		5146.7	-33.79	-12.59	-21.2	-39.68	3.8	2.09	0	0	P
		5148.86	-43.18	-1.98	-41.2	-49.07	3.8	2.09	0	0	A
	*	5180	15.42	-	-	9.68	3.8	1.94	0	0	P
	*	5180	8.81	-	-	3.07	3.8	1.94	0	0	A
802.11n HT20 CH 44 5220MHz		5138.16	-42.86	-21.66	-21.2	-48.75	3.8	2.09	0	0	P
		5141.24	-49.31	-8.11	-41.2	-55.2	3.8	2.09	0	0	A
	*	5220	16.48	-	-	10.78	3.8	1.9	0	0	P
	*	5220	9.65	-	-	3.95	3.8	1.9	0	0	A
		5378.64	-47.63	-26.43	-21.2	-53.45	3.8	2.02	0	0	P
		5378.88	-54.98	-13.78	-41.2	-60.8	3.8	2.02	0	0	A
802.11n HT20 CH 48 5240MHz		5078.96	-48.71	-27.51	-21.2	-54.69	3.8	2.18	0	0	P
		5139.2	-55.31	-14.11	-41.2	-61.2	3.8	2.09	0	0	A
	*	5240	16.53	-	-	10.81	3.8	1.92	0	0	P
	*	5240	9.42	-	-	3.7	3.8	1.92	0	0	A
		5403.02	-48.94	-27.74	-21.2	-54.77	3.8	2.03	0	0	P
		5398.18	-54.75	-13.55	-41.2	-60.58	3.8	2.03	0	0	A
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 36 5180MHz		6906.5	-45.53	-18.53	-27	-51.77	3.8	2.44	0	0	P
		7770	-68.55	-41.55	-27	-75.7	3.8	3.35	0	0	P
		8633	-60.19	-33.19	-27	-67.34	3.8	3.35	0	0	P
		10360	-49.06	-22.06	-27	-55.92	3.8	3.06	0	0	P
		15540	-52.22	-31.02	-21.2	-62.22	3.8	6.2	0	0	P
		15540	-61.67	-20.47	-41.2	-71.67	3.8	6.2	0	0	A
802.11n HT20 CH 44 5220MHz		7830	-68.09	-41.09	-27	-75.3	3.8	3.41	0	0	P
		8699.7	-57.58	-30.58	-27	-64.8	3.8	3.42	0	0	P
		10440	-43.26	-16.26	-27	-50.14	3.8	3.08	0	0	P
		15660	-47.17	-25.97	-21.2	-57.07	3.8	6.1	0	0	P
		15660	-55.47	-14.27	-41.2	-65.37	3.8	6.1	0	0	A
802.11n HT20 CH 48 5240MHz		6986.5	-46.3	-19.3	-27	-52.41	3.8	2.31	0	0	P
		7860	-68.86	-41.86	-27	-76.03	3.8	3.37	0	0	P
		8733	-57.27	-30.27	-27	-64.47	3.8	3.4	0	0	P
		10480	-47.45	-20.45	-27	-54.33	3.8	3.08	0	0	P
		15720	-50.56	-29.36	-21.2	-60.41	3.8	6.05	0	0	P
		15720	-58.83	-17.63	-41.2	-68.68	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 36 5180MHz		5146.88	-36.51	-15.31	-21.2	-42.4	3.8	2.09	0	0	P
		5149.58	-44.15	-2.95	-41.2	-50.04	3.8	2.09	0	0	A
	*	5180	15.01	-	-	9.27	3.8	1.94	0	0	P
	*	5180	7.16	-	-	1.42	3.8	1.94	0	0	A
802.11ax HE20 Full CH 44 5220MHz		5135.74	-41.5	-20.3	-21.2	-47.39	3.8	2.09	0	0	P
		5140.8	-49.42	-8.22	-41.2	-55.31	3.8	2.09	0	0	A
	*	5220	15.15	-	-	9.45	3.8	1.9	0	0	P
	*	5220	9.12	-	-	3.42	3.8	1.9	0	0	A
		5386.08	-48.84	-27.64	-21.2	-54.66	3.8	2.02	0	0	P
		5379.12	-54.63	-13.43	-41.2	-60.45	3.8	2.02	0	0	A
802.11ax HE20 Full CH 48 5240MHz		5139.68	-46.41	-25.21	-21.2	-52.3	3.8	2.09	0	0	P
		5139.92	-54.02	-12.82	-41.2	-59.91	3.8	2.09	0	0	A
	*	5240	14.42	-	-	8.7	3.8	1.92	0	0	P
	*	5240	8.92	-	-	3.2	3.8	1.92	0	0	A
		5402.36	-48.82	-27.62	-21.2	-54.65	3.8	2.03	0	0	P
		5401.7	-54.92	-13.72	-41.2	-60.75	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 36 5180MHz		6906.5	-45.07	-18.07	-27	-51.31	3.8	2.44	0	0	P
		7770	-68.39	-41.39	-27	-75.54	3.8	3.35	0	0	P
		8633	-61.16	-34.16	-27	-68.31	3.8	3.35	0	0	P
		10360	-49.46	-22.46	-27	-56.32	3.8	3.06	0	0	P
		15540	-50.65	-29.45	-21.2	-60.65	3.8	6.2	0	0	P
		15540	-63.2	-22	-41.2	-73.2	3.8	6.2	0	0	A
802.11ax HE20 Full CH 44 5220MHz		6959.8	-47.57	-20.57	-27	-53.71	3.8	2.34	0	0	P
		7830	-67.65	-40.65	-27	-74.86	3.8	3.41	0	0	P
		8699.7	-60.39	-33.39	-27	-67.61	3.8	3.42	0	0	P
		10440	-44.72	-17.72	-27	-51.6	3.8	3.08	0	0	P
		15660	-49.79	-28.59	-21.2	-59.69	3.8	6.1	0	0	P
		15660	-58	-16.8	-41.2	-67.9	3.8	6.1	0	0	A
802.11ax HE20 Full CH 48 5240MHz		6986.5	-46.44	-19.44	-27	-52.55	3.8	2.31	0	0	P
		8733	-58.26	-31.26	-27	-65.46	3.8	3.4	0	0	P
		10480	-46.48	-19.48	-27	-53.36	3.8	3.08	0	0	P
		15720	-49.47	-28.27	-21.2	-59.32	3.8	6.05	0	0	P
		15720	-58.69	-17.49	-41.2	-68.54	3.8	6.05	0	0	A
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5145.26	-31.25	-10.05	-21.2	-37.14	3.8	2.09	0	0	P
		5091.62	-45.6	-4.4	-41.2	-51.58	3.8	2.18	0	0	A
	*	5180	18.87	-	-	13.13	3.8	1.94	0	0	P
	*	5180	13.42	-	-	7.68	3.8	1.94	0	0	A
802.11ax HE20 Partial 26/4 CH 44 5220MHz		5139.26	-39.07	-17.87	-21.2	-44.96	3.8	2.09	0	0	P
		5139.48	-46.99	-5.79	-41.2	-52.88	3.8	2.09	0	0	A
	*	5220	18.38	-	-	12.68	3.8	1.9	0	0	P
	*	5220	11.09	-	-	5.39	3.8	1.9	0	0	A
		5380.56	-45.48	-24.28	-21.2	-51.3	3.8	2.02	0	0	P
		5380.56	-51.13	-9.93	-41.2	-56.95	3.8	2.02	0	0	A
802.11ax HE20 Partial 26/8 CH 48 5240MHz		5139.92	-40.96	-19.76	-21.2	-46.85	3.8	2.09	0	0	P
		5139.68	-46.95	-5.75	-41.2	-52.84	3.8	2.09	0	0	A
	*	5240	18.64	-	-	12.92	3.8	1.92	0	0	P
	*	5240	12.97	-	-	7.25	3.8	1.92	0	0	A
		5408.96	-45.73	-24.53	-21.2	-51.56	3.8	2.03	0	0	P
		5408.52	-50.04	-8.84	-41.2	-55.87	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		6906.5	-43.59	-16.59	-27	-49.83	3.8	2.44	0	0	P
		7770	-67.82	-40.82	-27	-74.97	3.8	3.35	0	0	P
		8633	-56.12	-29.12	-27	-63.27	3.8	3.35	0	0	P
		10360	-46.74	-19.74	-27	-53.6	3.8	3.06	0	0	P
		15540	-44.92	-23.72	-21.2	-54.92	3.8	6.2	0	0	P
		15540	-55.75	-14.55	-41.2	-65.75	3.8	6.2	0	0	A
802.11ax HE20 Partial 26/4 CH 44 5220MHz		6959.8	-44.74	-17.74	-27	-50.88	3.8	2.34	0	0	P
		7830	-65.15	-38.15	-27	-72.36	3.8	3.41	0	0	P
		8699.7	-56.01	-29.01	-27	-63.23	3.8	3.42	0	0	P
		10440	-40.37	-13.37	-27	-47.25	3.8	3.08	0	0	P
		15660	-46.17	-24.97	-21.2	-56.07	3.8	6.1	0	0	P
		15660	-53.29	-12.09	-41.2	-63.19	3.8	6.1	0	0	A
802.11ax HE20 Partial 26/8 CH 48 5240MHz		6986.5	-45.39	-18.39	-27	-51.5	3.8	2.31	0	0	P
		8733	-54.43	-27.43	-27	-61.63	3.8	3.4	0	0	P
		10480	-40.57	-13.57	-27	-47.45	3.8	3.08	0	0	P
		15720	-45.19	-23.99	-21.2	-55.04	3.8	6.05	0	0	P
		15720	-57.99	-16.79	-41.2	-67.84	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5148.86	-36.18	-14.98	-21.2	-42.07	3.8	2.09	0	0	P
		5149.76	-46.82	-5.62	-41.2	-52.71	3.8	2.09	0	0	A
	*	5180	16.63	-	-	10.89	3.8	1.94	0	0	P
	*	5180	9.99	-	-	4.25	3.8	1.94	0	0	A
802.11ax HE20 Partial 52/38 CH 44 5220MHz		5136.62	-41.87	-20.67	-21.2	-47.76	3.8	2.09	0	0	P
		5136.84	-47.8	-6.6	-41.2	-53.69	3.8	2.09	0	0	A
	*	5220	19.16	-	-	13.46	3.8	1.9	0	0	P
	*	5220	11.82	-	-	6.12	3.8	1.9	0	0	A
		5376.24	-46.47	-25.27	-21.2	-52.29	3.8	2.02	0	0	P
		5376.72	-51.7	-10.5	-41.2	-57.52	3.8	2.02	0	0	A
802.11ax HE20 Partial 52/40 CH 48 5240MHz		5139.68	-43.7	-22.5	-21.2	-49.59	3.8	2.09	0	0	P
		5139.68	-50.29	-9.09	-41.2	-56.18	3.8	2.09	0	0	A
	*	5240	16.85	-	-	11.13	3.8	1.92	0	0	P
	*	5240	11.2	-	-	5.48	3.8	1.92	0	0	A
		5408.08	-46.52	-25.32	-21.2	-52.35	3.8	2.03	0	0	P
		5407.64	-52.31	-11.11	-41.2	-58.14	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		6906.5	-44.58	-17.58	-27	-50.82	3.8	2.44	0	0	P
		8633	-57.25	-30.25	-27	-64.4	3.8	3.35	0	0	P
		10360	-46.79	-19.79	-27	-53.65	3.8	3.06	0	0	P
		15540	-51.3	-30.1	-21.2	-61.3	3.8	6.2	0	0	P
		15540	-58.13	-16.93	-41.2	-68.13	3.8	6.2	0	0	A
802.11ax HE20 Partial 52/38 CH 44 5220MHz		6959.8	-45.22	-18.22	-27	-51.36	3.8	2.34	0	0	P
		8699.7	-57.27	-30.27	-27	-64.49	3.8	3.42	0	0	P
		10440	-41.1	-14.1	-27	-47.98	3.8	3.08	0	0	P
		15660	-45.09	-23.89	-21.2	-54.99	3.8	6.1	0	0	P
		15660	-53.13	-11.93	-41.2	-63.03	3.8	6.1	0	0	A
802.11ax HE20 Partial 52/38 CH 48 5240MHz		6986.5	-45.94	-18.94	-27	-52.05	3.8	2.31	0	0	P
		8733	-54.38	-27.38	-27	-61.58	3.8	3.4	0	0	P
		10480	-43.69	-16.69	-27	-50.57	3.8	3.08	0	0	P
		15720	-51.37	-30.17	-21.2	-61.22	3.8	6.05	0	0	P
		15720	-60	-18.8	-41.2	-69.85	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5093.6	-42.85	-21.65	-21.2	-48.88	3.8	2.23	0	0	P
		5145.8	-47.56	-6.36	-41.2	-53.45	3.8	2.09	0	0	A
	*	5180	15.9	-	-	10.16	3.8	1.94	0	0	P
	*	5180	8.44	-	-	2.7	3.8	1.94	0	0	A
802.11ax HE20 Partial 106/53 CH 44 5220MHz		5133.32	-44.61	-23.41	-21.2	-50.5	3.8	2.09	0	0	P
		5133.98	-50.64	-9.44	-41.2	-56.53	3.8	2.09	0	0	A
	*	5220	16.02	-	-	10.32	3.8	1.9	0	0	P
	*	5220	8	-	-	2.3	3.8	1.9	0	0	A
		5378.4	-47.87	-26.67	-21.2	-53.69	3.8	2.02	0	0	P
		5375.76	-54.5	-13.3	-41.2	-60.32	3.8	2.02	0	0	A
802.11ax HE20 Partial 106/54 CH 48 5240MHz		5139.68	-45.49	-24.29	-21.2	-51.38	3.8	2.09	0	0	P
		5139.44	-53.31	-12.11	-41.2	-59.2	3.8	2.09	0	0	A
	*	5240	15.81	-	-	10.09	3.8	1.92	0	0	P
	*	5240	8.36	-	-	2.64	3.8	1.92	0	0	A
		5404.56	-47.48	-26.28	-21.2	-53.31	3.8	2.03	0	0	P
		5405.88	-54.86	-13.66	-41.2	-60.69	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		6906.5	-43.67	-16.67	-27	-49.91	3.8	2.44	0	0	P
		8633	-60.34	-33.34	-27	-67.49	3.8	3.35	0	0	P
		10360	-50.83	-23.83	-27	-57.69	3.8	3.06	0	0	P
		15540	-51.22	-30.02	-21.2	-61.22	3.8	6.2	0	0	P
		15540	-62.14	-20.94	-41.2	-72.14	3.8	6.2	0	0	A
802.11ax HE20 Partial 106/54 CH 44 5220MHz		6959.8	-45.48	-18.48	-27	-51.62	3.8	2.34	0	0	P
		8699.7	-57.01	-30.01	-27	-64.23	3.8	3.42	0	0	P
		10440	-45.63	-18.63	-27	-52.51	3.8	3.08	0	0	P
		15660	-49.21	-28.01	-21.2	-59.11	3.8	6.1	0	0	P
		15660	-56.94	-15.74	-41.2	-66.84	3.8	6.1	0	0	A
802.11ax HE20 Partial 106/54 CH 48 5240MHz		6986.5	-45.7	-18.7	-27	-51.81	3.8	2.31	0	0	P
		8733	-55.64	-28.64	-27	-62.84	3.8	3.4	0	0	P
		10480	-47.66	-20.66	-27	-54.54	3.8	3.08	0	0	P
		15720	-53.35	-32.15	-21.2	-63.2	3.8	6.05	0	0	P
		15720	-62.93	-21.73	-41.2	-72.78	3.8	6.05	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 52 5260MHz		5098.28	-48.93	-27.73	-21.2	-54.96	3.8	2.23	0	0	P
		5099.06	-55.66	-14.46	-41.2	-61.69	3.8	2.23	0	0	A
	*	5260	15.85	-	-	10.1	3.8	1.95	0	0	P
	*	5260	9.83	-	-	4.08	3.8	1.95	0	0	A
		5423.2	-46.77	-25.57	-21.2	-52.68	3.8	2.11	0	0	P
		5421.4	-54.06	-12.86	-41.2	-59.97	3.8	2.11	0	0	A
802.11a CH 60 5300MHz		5141	-48.7	-27.5	-21.2	-54.59	3.8	2.09	0	0	P
		5141.6	-55.42	-14.22	-41.2	-61.31	3.8	2.09	0	0	A
	*	5300	13.86	-	-	8.06	3.8	2	0	0	P
	*	5300	9.51	-	-	3.71	3.8	2	0	0	A
		5381.12	-41.43	-20.23	-21.2	-47.25	3.8	2.02	0	0	P
		5378.88	-47.33	-6.13	-41.2	-53.15	3.8	2.02	0	0	A
802.11a CH 64 5320MHz	*	5320	14.71	-	-	8.9	3.8	2.01	0	0	P
	*	5320	8.73	-	-	2.92	3.8	2.01	0	0	A
		5350.94	-39.15	-17.95	-21.2	-44.96	3.8	2.01	0	0	P
		5350.8	-45.7	-4.5	-41.2	-51.51	3.8	2.01	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 52 5260MHz		7013.2	-46.7	-19.7	-27	-53.26	3.8	2.76	0	0	P
		8766.3	-56.96	-29.96	-27	-64.15	3.8	3.39	0	0	P
		10520	-43.01	-16.01	-27	-49.89	3.8	3.08	0	0	P
		15780	-51.11	-29.91	-21.2	-60.9	3.8	5.99	0	0	P
		15780	-60.3	-19.1	-41.2	-70.09	3.8	5.99	0	0	A
802.11a CH 60 5300MHz		7066.5	-45.66	-18.66	-27	-52.27	3.8	2.81	0	0	P
		7950	-67.03	-40.03	-27	-73.96	3.8	3.13	0	0	P
		8833	-61.57	-34.57	-27	-68.68	3.8	3.31	0	0	P
		10600	-39.96	-18.76	-21.2	-46.85	3.8	3.09	0	0	P
		10600	-47.51	-6.31	-41.2	-54.4	3.8	3.09	0	0	A
		15900	-46.47	-25.27	-21.2	-56.17	3.8	5.9	0	0	P
		15900	-54.9	-13.7	-41.2	-64.6	3.8	5.9	0	0	A
802.11a CH 64 5320MHz		7093.2	-45.48	-18.48	-27	-52.15	3.8	2.87	0	0	P
		7980	-64.14	-37.14	-27	-70.98	3.8	3.04	0	0	P
		8866.3	-56.88	-29.88	-27	-63.97	3.8	3.29	0	0	P
		10640	-41.62	-20.42	-21.2	-48.52	3.8	3.1	0	0	P
		10640	-47.8	-6.6	-41.2	-54.7	3.8	3.1	0	0	A
		15960	-50.73	-29.53	-21.2	-60.38	3.8	5.85	0	0	P
		15960	-58.47	-17.27	-41.2	-68.12	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 52 5260MHz		5098.02	-48.18	-26.98	-21.2	-54.21	3.8	2.23	0	0	P
		5101.4	-55.91	-14.71	-41.2	-61.94	3.8	2.23	0	0	A
	*	5260	15.78	-	-	10.03	3.8	1.95	0	0	P
	*	5260	9.66	-	-	3.91	3.8	1.95	0	0	A
		5418.4	-48.25	-27.05	-21.2	-54.16	3.8	2.11	0	0	P
		5418.6	-54.27	-13.07	-41.2	-60.18	3.8	2.11	0	0	A
802.11n HT20 CH 60 5300MHz		5143.7	-49.29	-28.09	-21.2	-55.18	3.8	2.09	0	0	P
		5138.6	-55.91	-14.71	-41.2	-61.8	3.8	2.09	0	0	A
	*	5300	16.66	-	-	10.86	3.8	2	0	0	P
	*	5300	9.2	-	-	3.4	3.8	2	0	0	A
		5377.12	-42.9	-21.7	-21.2	-48.72	3.8	2.02	0	0	P
		5380.8	-48.18	-6.98	-41.2	-54	3.8	2.02	0	0	A
802.11n HT20 CH 64 5320MHz	*	5320	15.44	-	-	9.63	3.8	2.01	0	0	P
	*	5320	8.9	-	-	3.09	3.8	2.01	0	0	A
		5350.94	-34.62	-13.42	-21.2	-40.43	3.8	2.01	0	0	P
		5350	-42.68	-1.48	-41.2	-48.49	3.8	2.01	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 52 5260MHz		7013.2	-47.03	-20.03	-27	-53.59	3.8	2.76	0	0	P
		7890	-68	-41	-27	-75.17	3.8	3.37	0	0	P
		8766.3	-56.28	-29.28	-27	-63.47	3.8	3.39	0	0	P
		10520	-46.66	-19.66	-27	-53.54	3.8	3.08	0	0	P
		15780	-53.32	-32.12	-21.2	-63.11	3.8	5.99	0	0	P
		15780	-61.4	-20.2	-41.2	-71.19	3.8	5.99	0	0	A
802.11n HT20 CH 60 5300MHz		7066.5	-45.71	-18.71	-27	-52.32	3.8	2.81	0	0	P
		7950	-67.46	-40.46	-27	-74.39	3.8	3.13	0	0	P
		8866.3	-59.23	-32.23	-27	-66.32	3.8	3.29	0	0	P
		10600	-41.33	-14.33	-27	-48.22	3.8	3.09	0	0	P
		10600	-48.24	-7.04	-41.2	-55.13	3.8	3.09	0	0	A
		15900	-47.05	-25.85	-21.2	-56.75	3.8	5.9	0	0	P
		15900	-55.56	-14.36	-41.2	-65.26	3.8	5.9	0	0	A
802.11n HT20 CH 64 5320MHz		7093.2	-45.68	-18.68	-27	-52.35	3.8	2.87	0	0	P
		7980	-66.87	-39.87	-27	-73.71	3.8	3.04	0	0	P
		8866.3	-57.78	-30.78	-27	-64.87	3.8	3.29	0	0	P
		10640	-41.95	-20.75	-21.2	-48.85	3.8	3.1	0	0	P
		10640	-48.32	-7.12	-41.2	-55.22	3.8	3.1	0	0	A
		15960	-50.72	-29.52	-21.2	-60.37	3.8	5.85	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 52 5260MHz		5141.44	-49.33	-28.13	-21.2	-55.22	3.8	2.09	0	0	P
		5141.7	-56.09	-14.89	-41.2	-61.98	3.8	2.09	0	0	A
	*	5260	16.26	-	-	10.51	3.8	1.95	0	0	P
	*	5260	9	-	-	3.25	3.8	1.95	0	0	A
		5422.2	-49.23	-28.03	-21.2	-55.14	3.8	2.11	0	0	P
		5360.6	-54.06	-12.86	-41.2	-59.88	3.8	2.02	0	0	A
802.11ax HE20 Full CH 60 5300MHz		5138.3	-50.12	-28.92	-21.2	-56.01	3.8	2.09	0	0	P
		5139.2	-56.14	-14.94	-41.2	-62.03	3.8	2.09	0	0	A
	*	5300	15.23	-	-	9.43	3.8	2	0	0	P
	*	5300	8.59	-	-	2.79	3.8	2	0	0	A
		5382.24	-40.58	-19.38	-21.2	-46.4	3.8	2.02	0	0	P
		5378.56	-47.77	-6.57	-41.2	-53.59	3.8	2.02	0	0	A
802.11ax HE20 Full CH 64 5320MHz	*	5320	12.15	-	-	6.34	3.8	2.01	0	0	P
	*	5320	7.68	-	-	1.87	3.8	2.01	0	0	A
		5350.66	-35.87	-14.67	-21.2	-41.68	3.8	2.01	0	0	P
		5353.88	-43.84	-2.64	-41.2	-49.66	3.8	2.02	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 52 5260MHz		7013.2	-47.19	-20.19	-27	-53.75	3.8	2.76	0	0	P
		7890	-68.54	-41.54	-27	-75.71	3.8	3.37	0	0	P
		8766.3	-57.43	-30.43	-27	-64.62	3.8	3.39	0	0	P
		10520	-47.74	-20.74	-27	-54.62	3.8	3.08	0	0	P
		15780	-52.06	-30.86	-21.2	-61.85	3.8	5.99	0	0	P
		15780	-59.95	-18.75	-41.2	-69.74	3.8	5.99	0	0	A
802.11ax HE20 Full CH 60 5300MHz		7066.5	-45.89	-18.89	-27	-52.5	3.8	2.81	0	0	P
		7950	-66.69	-39.69	-27	-73.62	3.8	3.13	0	0	P
		8833	-57.5	-30.5	-27	-64.61	3.8	3.31	0	0	P
		10600	-42.23	-21.03	-21.2	-49.12	3.8	3.09	0	0	P
		10600	-48.21	-7.01	-41.2	-55.1	3.8	3.09	0	0	A
		15900	-45.37	-24.17	-21.2	-55.07	3.8	5.9	0	0	P
		15900	-55.44	-14.24	-41.2	-65.14	3.8	5.9	0	0	A
802.11ax HE20 Full CH 64 5320MHz		7093.2	-45.18	-18.18	-27	-51.85	3.8	2.87	0	0	P
		7980	-67.87	-40.87	-27	-74.71	3.8	3.04	0	0	P
		8866.3	-60.53	-33.53	-27	-67.62	3.8	3.29	0	0	P
		10640	-44.14	-22.94	-21.2	-51.04	3.8	3.1	0	0	P
		10640	-49.2	-8	-41.2	-56.1	3.8	3.1	0	0	A
		15960	-52.39	-31.19	-21.2	-62.04	3.8	5.85	0	0	P
		15960	-60.56	-19.36	-41.2	-70.21	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 52 5260MHz		5142.22	-46.51	-25.31	-21.2	-52.4	3.8	2.09	0	0	P
		5141.44	-51.31	-10.11	-41.2	-57.2	3.8	2.09	0	0	A
	*	5260	18.28	-	-	12.53	3.8	1.95	0	0	P
	*	5260	9.42	-	-	3.67	3.8	1.95	0	0	A
		5361	-42.22	-21.02	-21.2	-48.04	3.8	2.02	0	0	P
		5361	-47.37	-6.17	-41.2	-53.19	3.8	2.02	0	0	A
802.11ax HE20 Partial 26/4 CH 60 5300MHz		5141.3	-47.56	-26.36	-21.2	-53.45	3.8	2.09	0	0	P
		5139.2	-53.7	-12.5	-41.2	-59.59	3.8	2.09	0	0	A
	*	5300	18.29	-	-	12.49	3.8	2	0	0	P
	*	5300	12.11	-	-	6.31	3.8	2	0	0	A
		5380.64	-38.82	-17.62	-21.2	-44.64	3.8	2.02	0	0	P
		5380.64	-44.23	-3.03	-41.2	-50.05	3.8	2.02	0	0	A
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	18.43	-	-	12.62	3.8	2.01	0	0	P
	*	5320	13.1	-	-	7.29	3.8	2.01	0	0	A
		5408.62	-37.12	-15.92	-21.2	-42.95	3.8	2.03	0	0	P
		5361.72	-43.18	-1.98	-41.2	-49	3.8	2.02	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 52 5260MHz		7013.2	-45.71	-18.71	-27	-52.27	3.8	2.76	0	0	P
		8766.3	-54.85	-27.85	-27	-62.04	3.8	3.39	0	0	P
		10520	-43.62	-16.62	-27	-50.5	3.8	3.08	0	0	P
		15780	-52.44	-31.24	-21.2	-62.23	3.8	5.99	0	0	P
		15780	-59.41	-18.21	-41.2	-69.2	3.8	5.99	0	0	A
802.11ax HE20 Partial 26/4 CH 60 5300MHz		7066.5	-44.65	-17.65	-27	-51.26	3.8	2.81	0	0	P
		7950	-64.12	-37.12	-27	-71.05	3.8	3.13	0	0	P
		8833	-55.09	-28.09	-27	-62.2	3.8	3.31	0	0	P
		10600	-38.74	-17.54	-21.2	-45.63	3.8	3.09	0	0	P
		10600	-45.91	-4.71	-41.2	-52.8	3.8	3.09	0	0	A
		15900	-43.06	-21.86	-21.2	-52.76	3.8	5.9	0	0	P
		15900	-53.35	-12.15	-41.2	-63.05	3.8	5.9	0	0	A
802.11ax HE20 Partial 26/8 CH 64 5320MHz		7093.2	-43.93	-16.93	-27	-50.6	3.8	2.87	0	0	P
		8866.3	-61.26	-34.26	-27	-68.35	3.8	3.29	0	0	P
		10640	-40.73	-19.53	-21.2	-47.63	3.8	3.1	0	0	P
		10640	-46.3	-5.1	-41.2	-53.2	3.8	3.1	0	0	A
		15960	-48.65	-27.45	-21.2	-58.3	3.8	5.85	0	0	P
		15960	-59.03	-17.83	-41.2	-68.68	3.8	5.85	0	0	A
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.											



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 52 5260MHz		5141.96	-48.02	-26.82	-21.2	-53.91	3.8	2.09	0	0	P
		5142.22	-54.32	-13.12	-41.2	-60.21	3.8	2.09	0	0	A
	*	5260	17.48	-	-	11.73	3.8	1.95	0	0	P
	*	5260	11.08	-	-	5.33	3.8	1.95	0	0	A
		5361.4	-44.1	-22.9	-21.2	-49.92	3.8	2.02	0	0	P
		5361.2	-50.78	-9.58	-41.2	-56.6	3.8	2.02	0	0	A
802.11ax HE20 Partial 52/38 CH 60 5300MHz		5136.2	-48.48	-27.28	-21.2	-54.37	3.8	2.09	0	0	P
		5136.8	-54.41	-13.21	-41.2	-60.3	3.8	2.09	0	0	A
	*	5300	18	-	-	12.2	3.8	2	0	0	P
	*	5300	11.68	-	-	5.88	3.8	2	0	0	A
		5377.44	-40.6	-19.4	-21.2	-46.42	3.8	2.02	0	0	P
		5376.8	-45.48	-4.28	-41.2	-51.3	3.8	2.02	0	0	A
802.11ax HE20 Partial 52/40 CH 64 5320MHz	*	5320	18.49	-	-	12.68	3.8	2.01	0	0	P
	*	5320	9.69	-	-	3.88	3.8	2.01	0	0	A
		5350	-32.88	-11.68	-21.2	-38.69	3.8	2.01	0	0	P
		5407.64	-45.66	-4.46	-41.2	-51.49	3.8	2.03	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 52 5260MHz		7013.2	-45.73	-18.73	-27	-52.29	3.8	2.76	0	0	P
		8766.3	-56.47	-29.47	-27	-63.66	3.8	3.39	0	0	P
		10520	-44.68	-17.68	-27	-51.56	3.8	3.08	0	0	P
		15780	-52.91	-31.71	-21.2	-62.7	3.8	5.99	0	0	P
		15780	-61.21	-20.01	-41.2	-71	3.8	5.99	0	0	A
802.11ax HE20 Partial 52/38 CH 60 5300MHz		7066.5	-44.81	-17.81	-27	-51.42	3.8	2.81	0	0	P
		8833	-56.86	-29.86	-27	-63.97	3.8	3.31	0	0	P
		10600	-39.82	-18.62	-21.2	-46.71	3.8	3.09	0	0	P
		10600	-46.68	-5.48	-41.2	-53.57	3.8	3.09	0	0	A
		15900	-46.57	-25.37	-21.2	-56.27	3.8	5.9	0	0	P
		15900	-53.21	-12.01	-41.2	-62.91	3.8	5.9	0	0	A
802.11ax HE20 Partial 52/40 CH 64 5320MHz		7093.2	-44.38	-17.38	-27	-51.05	3.8	2.87	0	0	P
		8866.3	-55.63	-28.63	-27	-62.72	3.8	3.29	0	0	P
		10640	-41.8	-20.6	-21.2	-48.7	3.8	3.1	0	0	P
		10640	-48.22	-7.02	-41.2	-55.12	3.8	3.1	0	0	A
		15960	-51.44	-30.24	-21.2	-61.09	3.8	5.85	0	0	P
		15960	-60.86	-19.66	-41.2	-70.51	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		5093.34	-48.38	-27.18	-21.2	-54.41	3.8	2.23	0	0	P
		5093.86	-56.53	-15.33	-41.2	-62.56	3.8	2.23	0	0	A
	*	5260	16.36	-	-	10.61	3.8	1.95	0	0	P
	*	5260	8.54	-	-	2.79	3.8	1.95	0	0	A
		5411	-47.97	-26.77	-21.2	-53.8	3.8	2.03	0	0	P
		5360.8	-53.93	-12.73	-41.2	-59.75	3.8	2.02	0	0	A
802.11ax HE20 Partial 106/53 CH 60 5300MHz		5134.7	-49.19	-27.99	-21.2	-55.08	3.8	2.09	0	0	P
		5134.4	-56.12	-14.92	-41.2	-62.01	3.8	2.09	0	0	A
	*	5300	16.2	-	-	10.4	3.8	2	0	0	P
	*	5300	8.75	-	-	2.95	3.8	2	0	0	A
		5373.28	-41.9	-20.7	-21.2	-47.72	3.8	2.02	0	0	P
		5374.72	-48.11	-6.91	-41.2	-53.93	3.8	2.02	0	0	A
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	16.86	-	-	11.05	3.8	2.01	0	0	P
	*	5320	7.57	-	-	1.76	3.8	2.01	0	0	A
		5352.34	-31.45	-10.25	-21.2	-37.27	3.8	2.02	0	0	P
		5354.02	-47.5	-6.3	-41.2	-53.32	3.8	2.02	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		7013.2	-46.29	-19.29	-27	-52.85	3.8	2.76	0	0	P
		8766.3	-57.62	-30.62	-27	-64.81	3.8	3.39	0	0	P
		10520	-46.95	-19.95	-27	-53.83	3.8	3.08	0	0	P
		15780	-58.77	-37.57	-21.2	-68.56	3.8	5.99	0	0	P
		15780	-64.85	-23.65	-41.2	-74.64	3.8	5.99	0	0	A
802.11ax HE20 Partial 106/53 CH 60 5300MHz		7066.5	-44.8	-17.8	-27	-51.41	3.8	2.81	0	0	P
		8833	-58.93	-31.93	-27	-66.04	3.8	3.31	0	0	P
		10600	-42.72	-21.52	-21.2	-49.61	3.8	3.09	0	0	P
		10600	-50.21	-9.01	-41.2	-57.1	3.8	3.09	0	0	A
		15900	-48.3	-27.1	-21.2	-58	3.8	5.9	0	0	P
		15900	-56.03	-14.83	-41.2	-65.73	3.8	5.9	0	0	A
802.11ax HE20 Partial 106/54 CH 64 5320MHz		7093.2	-44.7	-17.7	-27	-51.37	3.8	2.87	0	0	P
		8866.3	-57.8	-30.8	-27	-64.89	3.8	3.29	0	0	P
		10640	-43.08	-21.88	-21.2	-49.98	3.8	3.1	0	0	P
		10640	-51.04	-9.84	-41.2	-57.94	3.8	3.1	0	0	A
		15960	-51.19	-29.99	-21.2	-60.84	3.8	5.85	0	0	P
		15960	-62.49	-21.29	-41.2	-72.14	3.8	5.85	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 100 5500MHz		5458.9	-43.74	-22.54	-21.2	-49.8	3.8	2.26	0	0	P
		5468.5	-37.79	-10.79	-27	-43.85	3.8	2.26	0	0	P
		5418.85	-49.88	-8.68	-41.2	-55.79	3.8	2.11	0	0	A
	*	5500	16.35	-	-	10.14	3.8	2.41	0	0	P
	*	5500	9.59	-	-	3.38	3.8	2.41	0	0	A
802.11a CH 116 5580MHz		5425.44	-49.93	-28.73	-21.2	-55.84	3.8	2.11	0	0	P
		5469.6	-50.44	-23.44	-27	-56.5	3.8	2.26	0	0	P
		5417.85	-55.54	-14.34	-41.2	-61.45	3.8	2.11	0	0	A
	*	5580	16.35	-	-	10.21	3.8	2.34	0	0	P
	*	5580	9.53	-	-	3.39	3.8	2.34	0	0	A
		5740.95	-46.88	-19.88	-27	-52.81	3.8	2.13	0	0	P
802.11a CH 140 5700MHz	*	5700	15.71	-	-	9.76	3.8	2.15	0	0	P
	*	5700	9.18	-	-	3.23	3.8	2.15	0	0	A
		5725.74	-34.84	-7.84	-27	-40.78	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 100 5500MHz		6875	-49.09	-22.09	-27	-55.38	3.8	2.49	0	0	P
		7333.2	-49.72	-28.52	-21.2	-56.45	3.8	2.93	0	0	P
		7333.2	-49.97	-8.77	-41.2	-56.7	3.8	2.93	0	0	A
		8250	-65.34	-44.14	-21.2	-72.13	3.8	2.99	0	0	P
		8250	-68.57	-27.37	-41.2	-75.36	3.8	2.99	0	0	A
		9166.3	-69.25	-48.05	-21.2	-76.38	3.8	3.33	0	0	P
		9166.3	-73.34	-32.14	-41.2	-80.47	3.8	3.33	0	0	A
		11000	-41.58	-20.38	-21.2	-48.53	3.8	3.15	0	0	P
		11000	-49.42	-8.22	-41.2	-56.37	3.8	3.15	0	0	A
		16500	-57.38	-30.38	-27	-67.95	3.8	6.77	0	0	P
802.11a CH 116 5580MHz		6975	-49	-22	-27	-55.11	3.8	2.31	0	0	P
		7440	-50.2	-29	-21.2	-57	3.8	3	0	0	P
		7440	-50.81	-9.61	-41.2	-57.61	3.8	3	0	0	A
		8370	-65.37	-44.17	-21.2	-72.13	3.8	2.96	0	0	P
		8370	-68.12	-26.92	-41.2	-74.88	3.8	2.96	0	0	A
		11160	-38.73	-17.53	-21.2	-45.74	3.8	3.21	0	0	P
		11160	-45.36	-4.16	-41.2	-52.37	3.8	3.21	0	0	A
		16740	-52.46	-25.46	-27	-63.5	3.8	7.24	0	0	P
802.11a CH 140 5700MHz		7125	-48.46	-21.46	-27	-55.14	3.8	2.88	0	0	P
		7599.8	-48.47	-27.27	-21.2	-55.27	3.8	3	0	0	P
		7599.8	-49.03	-7.83	-41.2	-55.83	3.8	3	0	0	A
		8550	-67.32	-40.32	-27	-74.33	3.8	3.21	0	0	P
		11400	-34.97	-13.77	-21.2	-42.08	3.8	3.31	0	0	P
		11400	-43.13	-1.93	-41.2	-50.24	3.8	3.31	0	0	A
		17100	-52.11	-25.11	-27	-63.66	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 100 5500MHz		5459.35	-41.75	-20.55	-21.2	-47.81	3.8	2.26	0	0	P
		5469.1	-31.43	-4.43	-27	-37.49	3.8	2.26	0	0	P
		5421.55	-49.05	-7.85	-41.2	-54.96	3.8	2.11	0	0	A
	*	5500	15.62	-	-	9.41	3.8	2.41	0	0	P
	*	5500	9.33	-	-	3.12	3.8	2.41	0	0	A
802.11n HT20 CH 116 5580MHz		5415.78	-49.4	-28.2	-21.2	-55.31	3.8	2.11	0	0	P
		5468.91	-51.03	-24.03	-27	-57.09	3.8	2.26	0	0	P
		5419	-56.24	-15.04	-41.2	-62.15	3.8	2.11	0	0	A
	*	5580	15.93	-	-	9.79	3.8	2.34	0	0	P
	*	5580	9.2	-	-	3.06	3.8	2.34	0	0	A
		5737.25	-47.97	-20.97	-27	-53.9	3.8	2.13	0	0	P
802.11n HT20 CH 140 5700MHz	*	5700	15.43	-	-	9.48	3.8	2.15	0	0	P
	*	5700	9.18	-	-	3.23	3.8	2.15	0	0	A
		5725.285	-30.57	-3.57	-27	-36.51	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 100 5500MHz		6875	-47.5	-20.5	-27	-53.79	3.8	2.49	0	0	P
		7333.2	-49.84	-28.64	-21.2	-56.57	3.8	2.93	0	0	P
		7333.2	-50.66	-9.46	-41.2	-57.39	3.8	2.93	0	0	A
		8250	-64.58	-43.38	-21.2	-71.37	3.8	2.99	0	0	P
		8250	-68.28	-27.08	-41.2	-75.07	3.8	2.99	0	0	A
		9166.3	-66.2	-45	-21.2	-73.33	3.8	3.33	0	0	P
		9166.3	-73.2	-32	-41.2	-80.33	3.8	3.33	0	0	A
		11000	-41.17	-19.97	-21.2	-48.12	3.8	3.15	0	0	P
		11000	-48.4	-7.2	-41.2	-55.35	3.8	3.15	0	0	A
		16500	-58.86	-31.86	-27	-69.43	3.8	6.77	0	0	P
802.11n HT20 CH 116 5580MHz		6975	-48.02	-21.02	-27	-54.13	3.8	2.31	0	0	P
		7439.8	-50.75	-29.55	-21.2	-57.55	3.8	3	0	0	P
		7439.8	-51.35	-10.15	-41.2	-58.15	3.8	3	0	0	A
		8370	-66.87	-45.67	-21.2	-73.63	3.8	2.96	0	0	P
		8370	-68.38	-27.18	-41.2	-75.14	3.8	2.96	0	0	A
		11160	-39.62	-18.42	-21.2	-46.63	3.8	3.21	0	0	P
		11160	-45.83	-4.63	-41.2	-52.84	3.8	3.21	0	0	A
		16740	-54.12	-27.12	-27	-65.16	3.8	7.24	0	0	P
802.11n HT20 CH 140 5700MHz		7125	-48.76	-21.76	-27	-55.44	3.8	2.88	0	0	P
		7599.8	-48.95	-27.75	-21.2	-55.75	3.8	3	0	0	P
		7599.8	-49.24	-8.04	-41.2	-56.04	3.8	3	0	0	A
		8550	-66	-39	-27	-73.01	3.8	3.21	0	0	P
		11400	-37.35	-16.15	-21.2	-44.46	3.8	3.31	0	0	P
		11400	-43.32	-2.12	-41.2	-50.43	3.8	3.31	0	0	A
		17100	-52.07	-25.07	-27	-63.62	3.8	7.75	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 100 5500MHz		5452.6	-33.62	-12.42	-21.2	-39.68	3.8	2.26	0	0	P
		5468.65	-34.42	-7.42	-27	-40.48	3.8	2.26	0	0	P
		5459.8	-45.87	-4.67	-41.2	-51.93	3.8	2.26	0	0	A
	*	5500	15.72	-	-	9.51	3.8	2.41	0	0	P
	*	5500	8.58	-	-	2.37	3.8	2.41	0	0	A
802.11ax HE20 Full CH 116 5580MHz		5424.29	-48.85	-27.65	-21.2	-54.76	3.8	2.11	0	0	P
		5468.91	-51.31	-24.31	-27	-57.37	3.8	2.26	0	0	P
		5421.07	-56.04	-14.84	-41.2	-61.95	3.8	2.11	0	0	A
	*	5580	15.52	-	-	9.38	3.8	2.34	0	0	P
	*	5580	9.3	-	-	3.16	3.8	2.34	0	0	A
		5734.105	-47.94	-20.94	-27	-53.87	3.8	2.13	0	0	P
802.11ax HE20 Full CH 140 5700MHz	*	5700	15.61	-	-	9.66	3.8	2.15	0	0	P
	*	5700	8.02	-	-	2.07	3.8	2.15	0	0	A
		5726.39	-28.03	-1.03	-27	-33.97	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz
WIFI 802.11ax HE20 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 100 5500MHz		6875	-48.75	-21.75	-27	-55.04	3.8	2.49	0	0	P
		7333.2	-49.34	-28.14	-21.2	-56.07	3.8	2.93	0	0	P
		7333.2	-49.99	-8.79	-41.2	-56.72	3.8	2.93	0	0	A
		8250	-64.5	-43.3	-21.2	-71.29	3.8	2.99	0	0	P
		8250	-67.76	-26.56	-41.2	-74.55	3.8	2.99	0	0	A
		9166.3	-65.89	-44.69	-21.2	-73.02	3.8	3.33	0	0	P
		9166.3	-73.42	-32.22	-41.2	-80.55	3.8	3.33	0	0	A
		11000	-43.15	-21.95	-21.2	-50.1	3.8	3.15	0	0	P
		11000	-48.86	-7.66	-41.2	-55.81	3.8	3.15	0	0	A
		16500	-58.69	-31.69	-27	-69.26	3.8	6.77	0	0	P
802.11ax HE20 Full CH 116 5580MHz		7439.8	-50.26	-29.06	-21.2	-57.06	3.8	3	0	0	P
		7439.8	-50.86	-9.66	-41.2	-57.66	3.8	3	0	0	A
		8370	-64.75	-43.55	-21.2	-71.51	3.8	2.96	0	0	P
		8370	-67.94	-26.74	-41.2	-74.7	3.8	2.96	0	0	A
		11160	-40.44	-19.24	-21.2	-47.45	3.8	3.21	0	0	P
		11160	-46.39	-5.19	-41.2	-53.4	3.8	3.21	0	0	A
		16740	-51.83	-24.83	-27	-62.87	3.8	7.24	0	0	P
802.11ax HE20 Full CH 140 5700MHz		7125	-48.24	-21.24	-27	-54.92	3.8	2.88	0	0	P
		7599.8	-48.92	-27.72	-21.2	-55.72	3.8	3	0	0	P
		7599.8	-49.42	-8.22	-41.2	-56.22	3.8	3	0	0	A
		8550	-66	-39	-27	-73.01	3.8	3.21	0	0	P
		11400	-36.68	-15.48	-21.2	-43.79	3.8	3.31	0	0	P
		11400	-43.99	-2.79	-41.2	-51.1	3.8	3.31	0	0	A
		17100	-54.18	-27.18	-27	-65.73	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5459.05	-35.5	-14.3	-21.2	-41.56	3.8	2.26	0	0	P
		5463.25	-31.56	-4.56	-27	-37.62	3.8	2.26	0	0	P
		5411.65	-45.67	-4.47	-41.2	-51.5	3.8	2.03	0	0	A
	*	5500	19.15	-	-	12.94	3.8	2.41	0	0	P
	*	5500	9.68	-	-	3.47	3.8	2.41	0	0	A
802.11ax HE20 Partial 26/4 CH 116 5580MHz		5420.61	-48.55	-27.35	-21.2	-54.46	3.8	2.11	0	0	P
		5468.68	-51.59	-24.59	-27	-57.65	3.8	2.26	0	0	P
		5420.61	-54.17	-12.97	-41.2	-60.08	3.8	2.11	0	0	A
	*	5580	17.97	-	-	11.83	3.8	2.34	0	0	P
	*	5580	12.2	-	-	6.06	3.8	2.34	0	0	A
		5739.285	-44.47	-17.47	-27	-50.4	3.8	2.13	0	0	P
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	20.15	-	-	14.2	3.8	2.15	0	0	P
	*	5700	9.21	-	-	3.26	3.8	2.15	0	0	A
		5725.61	-28.57	-1.57	-27	-34.51	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 100 5500MHz		6875	-45.68	-18.68	-27	-51.97	3.8	2.49	0	0	P
		7333.2	-48.02	-26.82	-21.2	-54.75	3.8	2.93	0	0	P
		7333.2	-48.36	-7.16	-41.2	-55.09	3.8	2.93	0	0	A
		8250	-62.71	-41.51	-21.2	-69.5	3.8	2.99	0	0	P
		8250	-65.31	-24.11	-41.2	-72.1	3.8	2.99	0	0	A
		9166.3	-67.73	-46.53	-21.2	-74.86	3.8	3.33	0	0	P
		9166.3	-72.37	-31.17	-41.2	-79.5	3.8	3.33	0	0	A
		11000	-39.98	-18.78	-21.2	-46.93	3.8	3.15	0	0	P
		11000	-47.4	-6.2	-41.2	-54.35	3.8	3.15	0	0	A
		16500	-63.27	-36.27	-27	-73.84	3.8	6.77	0	0	P
802.11ax HE20 Partial 26/4 CH 116 5580MHz		6975	-46.35	-19.35	-27	-52.46	3.8	2.31	0	0	P
		7439.8	-48.03	-26.83	-21.2	-54.83	3.8	3	0	0	P
		7439.8	-48.64	-7.44	-41.2	-55.44	3.8	3	0	0	A
		8370	-62.86	-41.66	-21.2	-69.62	3.8	2.96	0	0	P
		8370	-65.23	-24.03	-41.2	-71.99	3.8	2.96	0	0	A
		11160	-40.09	-18.89	-21.2	-47.1	3.8	3.21	0	0	P
		11160	-44.15	-2.95	-41.2	-51.16	3.8	3.21	0	0	A
		16740	-51.38	-24.38	-27	-62.42	3.8	7.24	0	0	P
s802.11ax HE20 Partial 26/8 CH 140 5700MHz		7125	-46.82	-19.82	-27	-53.5	3.8	2.88	0	0	P
		7599.8	-46.72	-25.52	-21.2	-53.52	3.8	3	0	0	P
		7599.8	-46.96	-5.76	-41.2	-53.76	3.8	3	0	0	A
		8550	-65.31	-38.31	-27	-72.32	3.8	3.21	0	0	P
		11400	-34.11	-12.91	-21.2	-41.22	3.8	3.31	0	0	P
		11400	-41.61	-0.41	-41.2	-48.72	3.8	3.31	0	0	A
		17100	-49.81	-22.81	-27	-61.36	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		5459.95	-34.46	-13.26	-21.2	-40.52	3.8	2.26	0	0	P
		5465.95	-31.77	-4.77	-27	-37.83	3.8	2.26	0	0	P
		5412.7	-47.66	-6.46	-41.2	-53.57	3.8	2.11	0	0	A
	*	5500	17.99	-	-	11.78	3.8	2.41	0	0	P
	*	5500	11.27	-	-	5.06	3.8	2.41	0	0	A
802.11ax HE20 Partial 52/38 CH 116 5580MHz		5417.85	-46.91	-25.71	-21.2	-52.82	3.8	2.11	0	0	P
		5465.69	-51.54	-24.54	-27	-57.6	3.8	2.26	0	0	P
		5416.7	-54.71	-13.51	-41.2	-60.62	3.8	2.11	0	0	A
	*	5580	18.49	-	-	12.35	3.8	2.34	0	0	P
	*	5580	10.95	-	-	4.81	3.8	2.34	0	0	A
		5737.435	-47.22	-20.22	-27	-53.15	3.8	2.13	0	0	P
802.11ax HE20 Partial 52/40 CH 140 5700MHz	*	5700	17.03	-	-	11.08	3.8	2.15	0	0	P
	*	5700	10.79	-	-	4.84	3.8	2.15	0	0	A
		5725.48	-32.51	-5.51	-27	-38.45	3.8	2.14	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		6875	-46.46	-19.46	-27	-52.75	3.8	2.49	0	0	P
		7333.2	-48.1	-26.9	-21.2	-54.83	3.8	2.93	0	0	P
		7333.2	-48.9	-7.7	-41.2	-55.63	3.8	2.93	0	0	A
		8250	-63.74	-42.54	-21.2	-70.53	3.8	2.99	0	0	P
		8250	-65.44	-24.24	-41.2	-72.23	3.8	2.99	0	0	A
		9166.3	-67.66	-46.46	-21.2	-74.79	3.8	3.33	0	0	P
		9166.3	-73.87	-32.67	-41.2	-81	3.8	3.33	0	0	A
		11000	-41.51	-20.31	-21.2	-48.46	3.8	3.15	0	0	P
		11000	-49.38	-8.18	-41.2	-56.33	3.8	3.15	0	0	A
		16500	-61.92	-34.92	-27	-72.49	3.8	6.77	0	0	P
802.11ax HE20 Partial 52/38 CH 116 5580MHz		6975	-49.62	-22.62	-27	-55.73	3.8	2.31	0	0	P
		7439.8	-49.24	-28.04	-21.2	-56.04	3.8	3	0	0	P
		7439.8	-49.49	-8.29	-41.2	-56.29	3.8	3	0	0	A
		8370	-63.54	-42.34	-21.2	-70.3	3.8	2.96	0	0	P
		8370	-65.92	-24.72	-41.2	-72.68	3.8	2.96	0	0	A
		11160	-42.12	-20.92	-21.2	-49.13	3.8	3.21	0	0	P
		11160	-46.83	-5.63	-41.2	-53.84	3.8	3.21	0	0	A
		16740	-56.46	-29.46	-27	-67.5	3.8	7.24	0	0	P
802.11ax HE20 Partial 52/40 CH 140 5700MHz		7125	-47.5	-20.5	-27	-54.18	3.8	2.88	0	0	P
		7599.8	-46.98	-25.78	-21.2	-53.78	3.8	3	0	0	P
		7599.8	-47.39	-6.19	-41.2	-54.19	3.8	3	0	0	A
		8550	-63.84	-36.84	-27	-70.85	3.8	3.21	0	0	P
		11400	-36.04	-14.84	-21.2	-43.15	3.8	3.31	0	0	P
		11400	-44.07	-2.87	-41.2	-51.18	3.8	3.31	0	0	A
		17100	-55.56	-28.56	-27	-67.11	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5449	-41.99	-20.79	-21.2	-47.97	3.8	2.18	0	0	P
		5469.1	-46.03	-19.03	-27	-52.09	3.8	2.26	0	0	P
		5414.8	-50.12	-8.92	-41.2	-56.03	3.8	2.11	0	0	A
	*	5500	16.93	-	-	10.72	3.8	2.41	0	0	P
	*	5500	8.78	-	-	2.57	3.8	2.41	0	0	A
802.11ax HE20 Partial 1106/53 CH 116 5580MHz		5414.4	-49.61	-28.41	-21.2	-55.52	3.8	2.11	0	0	P
		5460.63	-51.42	-24.42	-27	-57.48	3.8	2.26	0	0	P
		5455.34	-56.72	-15.52	-41.2	-62.78	3.8	2.26	0	0	A
	*	5580	16.87	-	-	10.73	3.8	2.34	0	0	P
	*	5580	8.53	-	-	2.39	3.8	2.34	0	0	A
		5735.03	-47.05	-20.05	-27	-52.98	3.8	2.13	0	0	P
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	16.39	-	-	10.44	3.8	2.15	0	0	P
	*	5700	8.8	-	-	2.85	3.8	2.15	0	0	A
		5725.025	-32.21	-5.21	-27	-38.15	3.8	2.14	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 3 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		6875	-45.78	-18.78	-27	-52.07	3.8	2.49	0	0	P
		7333.2	-48.33	-27.13	-21.2	-55.06	3.8	2.93	0	0	P
		7333.2	-48.52	-7.32	-41.2	-55.25	3.8	2.93	0	0	A
		8250	-63.99	-42.79	-21.2	-70.78	3.8	2.99	0	0	P
		8250	-65.92	-24.72	-41.2	-72.71	3.8	2.99	0	0	A
		11000	-45.88	-24.68	-21.2	-52.83	3.8	3.15	0	0	P
		11000	-51.36	-10.16	-41.2	-58.31	3.8	3.15	0	0	A
		16500	-64.64	-37.64	-27	-75.21	3.8	6.77	0	0	P
802.11ax HE20 Partial 1106/53 CH 116 5580MHz		6975	-47.38	-20.38	-27	-53.49	3.8	2.31	0	0	P
		7439.8	-48.4	-27.2	-21.2	-55.2	3.8	3	0	0	P
		7439.8	-48.49	-7.29	-41.2	-55.29	3.8	3	0	0	A
		8370	-64.95	-43.75	-21.2	-71.71	3.8	2.96	0	0	P
		8370	-65.64	-24.44	-41.2	-72.4	3.8	2.96	0	0	A
		11160	-42.24	-21.04	-21.2	-49.25	3.8	3.21	0	0	P
		11160	-49.48	-8.28	-41.2	-56.49	3.8	3.21	0	0	A
		16740	-56.9	-29.9	-27	-67.94	3.8	7.24	0	0	P
802.11ax HE20 Partial 106/54 CH 140 5700MHz		7125	-47.06	-20.06	-27	-53.74	3.8	2.88	0	0	P
		7599.8	-46.93	-25.73	-21.2	-53.73	3.8	3	0	0	P
		7599.8	-47.07	-5.87	-41.2	-53.87	3.8	3	0	0	A
		8550	-65.49	-38.49	-27	-72.5	3.8	3.21	0	0	P
		11400	-38.84	-17.64	-21.2	-45.95	3.8	3.31	0	0	P
		11400	-46.43	-5.23	-41.2	-53.54	3.8	3.31	0	0	A
		17100	-55.5	-28.5	-27	-67.05	3.8	7.75	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Emission above 18GHz
WIFI 802.11ax HE20 (SHF)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 SHF		38900	-45.4	-24.2	-21.2	-69.75	3.8	20.55	0	0	P
Remark	- No other spurious found. - All results are PASS against limit line.										

Emission below 1GHz
WIFI 802.11ax HE20 (LF)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 LF		73.65	-85.87	-30.67	-55.2	-94.68	3.8	0.31	0	4.7	P
		100.81	-85.09	-33.39	-51.7	-93.87	3.8	0.28	0	4.7	P
		244.37	-85.5	-36.3	-49.2	-94.46	3.8	0.46	0	4.7	P
		534.4	-84.95	-35.75	-49.2	-94.16	3.8	0.71	0	4.7	P
		818.61	-71.47	-22.27	-49.2	-80.87	3.8	0.9	0	4.7	P
		903.97	-74.72	-25.52	-49.2	-84.1	3.8	0.88	0	4.7	P
Remark	- No other spurious found. - All results are PASS against limit line.										



Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 149 5745MHz		5623.6	-50.59	-23.59	-27	-56.68	3.8	2.29	0	0	P
		5667.6	-43.68	-29.74	-13.94	-49.7	3.8	2.22	0	0	P
		5719.2	-32.02	-47.4	15.38	-37.96	3.8	2.14	0	0	P
		5724.8	-29.48	-56.02	26.54	-35.42	3.8	2.14	0	0	P
	*	5745	15.76	-	-	9.83	3.8	2.13	0	0	P
	*	5745	8.72	-	-	2.79	3.8	2.13	0	0	A
802.11a CH 157 5785MHz		5623.495	-46.95	-19.95	-27	-53.04	3.8	2.29	0	0	P
		5699.715	-44.63	-54.42	9.79	-50.58	3.8	2.15	0	0	P
		5703.415	-41.28	-52.24	10.96	-47.23	3.8	2.15	0	0	P
		5721.36	-48.56	-67.26	18.7	-54.5	3.8	2.14	0	0	P
	*	5785	15.88	-	-	9.98	3.8	2.1	0	0	P
	*	5785	9.36	-	-	3.46	3.8	2.1	0	0	A
		5850.34	-50.03	-76.26	26.23	-55.94	3.8	2.11	0	0	P
		5867.335	-42.3	-54.44	12.14	-48.23	3.8	2.13	0	0	P
		5903.14	-50.49	-39.63	-10.86	-56.44	3.8	2.15	0	0	P
		5946.865	-48.52	-21.52	-27	-54.51	3.8	2.19	0	0	P
802.11a CH 165 5825MHz	*	5825	14.53	-	-	8.63	3.8	2.1	0	0	P
	*	5825	9.08	-	-	3.18	3.8	2.1	0	0	A
		5850.2	-35.04	-61.58	26.54	-40.95	3.8	2.11	0	0	P
		5857	-40.48	-55.52	15.04	-46.41	3.8	2.13	0	0	P
		5902.2	-42.55	-32.38	-10.17	-48.5	3.8	2.15	0	0	P
		5944.4	-51.99	-24.99	-27	-57.98	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11a (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11a CH 149 5745MHz		7181.25	-48.75	-21.75	-27	-55.49	3.8	2.94	0	0	P
		7659.8	-47.3	-26.1	-21.2	-54.21	3.8	3.11	0	0	P
		7659.8	-48.48	-7.28	-41.2	-55.39	3.8	3.11	0	0	A
		8617.5	-66.06	-39.06	-27	-73.19	3.8	3.33	0	0	P
		11490	-37.4	-16.2	-21.2	-44.55	3.8	3.35	0	0	P
		11490	-44.3	-3.1	-41.2	-51.45	3.8	3.35	0	0	A
		17235	-48.64	-21.64	-27	-60.21	3.8	7.77	0	0	P
802.11a CH 157 5785MHz		7231.3	-49.41	-22.41	-27	-56.14	3.8	2.93	0	0	P
		7713.1	-49.9	-28.7	-21.2	-56.92	3.8	3.22	0	0	P
		7713.1	-50.38	-9.18	-41.2	-57.4	3.8	3.22	0	0	A
		8677.5	-67.38	-40.38	-27	-74.58	3.8	3.4	0	0	P
		11570	-35.79	-14.59	-21.2	-42.96	3.8	3.37	0	0	P
		11570	-42.51	-1.31	-41.2	-49.68	3.8	3.37	0	0	A
		17355	-50.25	-23.25	-27	-61.83	3.8	7.78	0	0	P
802.11a CH 165 5825MHz		7281.3	-49.37	-28.17	-21.2	-56.09	3.8	2.92	0	0	P
		7281.3	-50.18	-8.98	-41.2	-56.9	3.8	2.92	0	0	A
		7766.5	-46.43	-19.43	-27	-53.56	3.8	3.33	0	0	P
		8737.5	-67.45	-40.45	-27	-74.65	3.8	3.4	0	0	P
		11650	-36.09	-14.89	-21.2	-43.29	3.8	3.4	0	0	P
		11650	-43.45	-2.25	-41.2	-50.65	3.8	3.4	0	0	A
		17475	-49.12	-22.12	-27	-60.71	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 149 5745MHz		5630	-48.67	-21.67	-27	-54.76	3.8	2.29	0	0	P
		5666.4	-41.15	-26.32	-14.83	-47.17	3.8	2.22	0	0	P
		5715.8	-31.32	-45.75	14.43	-37.26	3.8	2.14	0	0	P
		5724.8	-22.37	-48.91	26.54	-28.31	3.8	2.14	0	0	P
	*	5745	15.34	-	-	9.41	3.8	2.13	0	0	P
	*	5745	9.19	-	-	3.26	3.8	2.13	0	0	A
802.11n HT20 CH 157 5785MHz		5627.01	-47.37	-20.37	-27	-53.46	3.8	2.29	0	0	P
		5698.605	-42.64	-51.61	8.97	-48.59	3.8	2.15	0	0	P
		5706.005	-40.59	-52.27	11.68	-46.54	3.8	2.15	0	0	P
		5722.47	-47.73	-68.96	21.23	-53.67	3.8	2.14	0	0	P
	*	5785	15.83	-	-	9.93	3.8	2.1	0	0	P
	*	5785	9.32	-	-	3.42	3.8	2.1	0	0	A
		5854.63	-51.05	-67.49	16.44	-56.98	3.8	2.13	0	0	P
		5867.665	-42.11	-54.16	12.05	-48.04	3.8	2.13	0	0	P
		5897.86	-50.23	-43.28	-6.95	-56.18	3.8	2.15	0	0	P
		5945.875	-47.24	-20.24	-27	-53.23	3.8	2.19	0	0	P
802.11n HT20 CH 165 5825MHz	*	5825	15.62	-	-	9.72	3.8	2.1	0	0	P
	*	5825	9.07	-	-	3.17	3.8	2.1	0	0	A
		5850	-30.71	-57.71	27	-36.62	3.8	2.11	0	0	P
		5856	-35.98	-51.3	15.32	-41.91	3.8	2.13	0	0	P
		5904.4	-41.49	-29.7	-11.79	-47.44	3.8	2.15	0	0	P
		5927.8	-50.97	-23.97	-27	-56.94	3.8	2.17	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11n HT20 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11n HT20 CH 149 5745MHz		7181.3	-49.97	-22.97	-27	-56.71	3.8	2.94	0	0	P
		7659.8	-52.11	-30.91	-21.2	-59.02	3.8	3.11	0	0	P
		7659.8	-54.34	-13.14	-41.2	-61.25	3.8	3.11	0	0	A
		11490	-36.32	-15.12	-21.2	-43.47	3.8	3.35	0	0	P
		11490	-44.57	-3.37	-41.2	-51.72	3.8	3.35	0	0	A
		17235	-49.08	-22.08	-27	-60.65	3.8	7.77	0	0	P
802.11n HT20 CH 157 5785MHz		7231.3	-49.48	-22.48	-27	-56.21	3.8	2.93	0	0	P
		7713.1	-49.61	-28.41	-21.2	-56.63	3.8	3.22	0	0	P
		7713.1	-50.59	-9.39	-41.2	-57.61	3.8	3.22	0	0	A
		8677.5	-66.17	-39.17	-27	-73.37	3.8	3.4	0	0	P
		11570	-36	-14.8	-21.2	-43.17	3.8	3.37	0	0	P
		11570	-43.2	-2	-41.2	-50.37	3.8	3.37	0	0	A
		17355	-53	-26	-27	-64.58	3.8	7.78	0	0	P
802.11n HT20 CH 165 5825MHz		7281.3	-49.77	-28.57	-21.2	-56.49	3.8	2.92	0	0	P
		7281.3	-50.38	-9.18	-41.2	-57.1	3.8	2.92	0	0	A
		7766.5	-47.17	-20.17	-27	-54.3	3.8	3.33	0	0	P
		8737.5	-67.74	-40.74	-27	-74.94	3.8	3.4	0	0	P
		11650	-34.95	-13.75	-21.2	-42.15	3.8	3.4	0	0	P
		11650	-43.33	-2.13	-41.2	-50.53	3.8	3.4	0	0	A
		17475	-51.51	-24.51	-27	-63.1	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Full (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 149 5745MHz		5619	-50.47	-23.47	-27	-56.56	3.8	2.29	0	0	P
		5662.6	-43	-25.36	-17.64	-49.02	3.8	2.22	0	0	P
		5719.8	-30.02	-45.56	15.54	-35.96	3.8	2.14	0	0	P
		5724.8	-25.72	-52.26	26.54	-31.66	3.8	2.14	0	0	P
	*	5745	15.76	-	-	9.83	3.8	2.13	0	0	P
	*	5745	8.4	-	-	2.47	3.8	2.13	0	0	A
802.11ax HE20 Full CH 157 5785MHz		5623.68	-47	-20	-27	-53.09	3.8	2.29	0	0	P
		5700.085	-43.39	-53.41	10.02	-49.34	3.8	2.15	0	0	P
		5708.225	-41.28	-53.59	12.31	-47.23	3.8	2.15	0	0	P
		5723.21	-46.9	-69.82	22.92	-52.84	3.8	2.14	0	0	P
	*	5785	15.02	-	-	9.12	3.8	2.1	0	0	P
	*	5785	8.39	-	-	2.49	3.8	2.1	0	0	A
		5854.96	-49.77	-65.46	15.69	-55.7	3.8	2.13	0	0	P
		5864.035	-42.06	-55.13	13.07	-47.99	3.8	2.13	0	0	P
		5896.54	-49.15	-43.17	-5.98	-55.1	3.8	2.15	0	0	P
		5942.245	-46.72	-19.72	-27	-52.71	3.8	2.19	0	0	P
802.11ax HE20 Full CH 165 5825MHz	*	5825	15.24	-	-	9.34	3.8	2.1	0	0	P
	*	5825	8.23	-	-	2.33	3.8	2.1	0	0	A
		5851.2	-23.87	-48.13	24.26	-29.78	3.8	2.11	0	0	P
		5859.8	-35.2	-49.45	14.25	-41.13	3.8	2.13	0	0	P
		5908.8	-42.29	-27.24	-15.05	-48.24	3.8	2.15	0	0	P
		5938.2	-50.88	-23.88	-27	-56.87	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz
WIFI 802.11ax HE20 Full (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Full CH 149 5745MHz		7181.3	-48.51	-21.51	-27	-55.25	3.8	2.94	0	0	P
		7659.8	-52.92	-31.72	-21.2	-59.83	3.8	3.11	0	0	P
		7659.8	-53.59	-12.39	-41.2	-60.5	3.8	3.11	0	0	A
		8617.5	-65.62	-38.62	-27	-72.75	3.8	3.33	0	0	P
		11490	-36.64	-15.44	-21.2	-43.79	3.8	3.35	0	0	P
		11490	-45.02	-3.82	-41.2	-52.17	3.8	3.35	0	0	A
		17235	-50.55	-23.55	-27	-62.12	3.8	7.77	0	0	P
802.11ax HE20 Full CH 157 5785MHz		7231.3	-49.54	-22.54	-27	-56.27	3.8	2.93	0	0	P
		7713.1	-49.6	-28.4	-21.2	-56.62	3.8	3.22	0	0	P
		7713.1	-50.38	-9.18	-41.2	-57.4	3.8	3.22	0	0	A
		8677.5	-66.84	-39.84	-27	-74.04	3.8	3.4	0	0	P
		11570	-35.55	-14.35	-21.2	-42.72	3.8	3.37	0	0	P
		11570	-43.46	-2.26	-41.2	-50.63	3.8	3.37	0	0	A
		17355	-50.25	-23.25	-27	-61.83	3.8	7.78	0	0	P
802.11ax HE20 Full CH 165 5825MHz		7281.3	-49.31	-28.11	-21.2	-56.03	3.8	2.92	0	0	P
		7281.3	-50.06	-8.86	-41.2	-56.78	3.8	2.92	0	0	A
		7766.5	-46.61	-19.61	-27	-53.74	3.8	3.33	0	0	P
		8737.5	-66.36	-39.36	-27	-73.56	3.8	3.4	0	0	P
		11650	-37.19	-15.99	-21.2	-44.39	3.8	3.4	0	0	P
		11650	-43.99	-2.79	-41.2	-51.19	3.8	3.4	0	0	A
		17475	-50.37	-23.37	-27	-61.96	3.8	7.79	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 26 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 149 5745MHz		5616.6	-44.96	-17.96	-27	-51.05	3.8	2.29	0	0	P
		5656.2	-38.44	-16.05	-22.39	-44.46	3.8	2.22	0	0	P
		5717.4	-27.7	-42.57	14.87	-33.64	3.8	2.14	0	0	P
		5721	-24.14	-42.02	17.88	-30.08	3.8	2.14	0	0	P
	*	5745	19.08	-	-	13.15	3.8	2.13	0	0	P
	*	5745	12.37	-	-	6.44	3.8	2.13	0	0	A
802.11ax HE20 Partial 26/4 CH 157 5785MHz		5625.715	-43.22	-16.22	-27	-49.31	3.8	2.29	0	0	P
		5697.865	-48.94	-57.37	8.43	-54.89	3.8	2.15	0	0	P
		5704.525	-38.42	-49.69	11.27	-44.37	3.8	2.15	0	0	P
		5722.47	-49.44	-70.67	21.23	-55.38	3.8	2.14	0	0	P
	*	5785	18.08	-	-	12.18	3.8	2.1	0	0	P
	*	5785	10.91	-	-	5.01	3.8	2.1	0	0	A
		5850.835	-49.58	-74.68	25.1	-55.49	3.8	2.11	0	0	P
		5864.53	-37.89	-50.82	12.93	-43.82	3.8	2.13	0	0	P
		5904.955	-49.26	-37.06	-12.2	-55.21	3.8	2.15	0	0	P
		5944.06	-44.52	-17.52	-27	-50.51	3.8	2.19	0	0	P
802.11ax HE20 Partial 26/8 CH 165 5825MHz	*	5825	18.77	-	-	12.87	3.8	2.1	0	0	P
	*	5825	12.57	-	-	6.67	3.8	2.1	0	0	A
		5852.8	-34.01	-54.63	20.62	-39.94	3.8	2.13	0	0	P
		5867.6	-38.96	-51.03	12.07	-44.89	3.8	2.13	0	0	P
		5914	-38.72	-19.83	-18.89	-44.69	3.8	2.17	0	0	P
		5933.2	-51.79	-24.79	-27	-57.78	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 26 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 26/0 CH 149 5745MHz		7181.3	-46.97	-19.97	-27	-53.71	3.8	2.94	0	0	P
		7659.8	-46.12	-24.92	-21.2	-53.03	3.8	3.11	0	0	P
		7659.8	-46.46	-5.26	-41.2	-53.37	3.8	3.11	0	0	A
		8617.5	-66.05	-39.05	-27	-73.18	3.8	3.33	0	0	P
		11490	-34.11	-12.91	-21.2	-41.26	3.8	3.35	0	0	P
		11490	-42.76	-1.56	-41.2	-49.91	3.8	3.35	0	0	A
		17235	-51.58	-24.58	-27	-63.15	3.8	7.77	0	0	P
802.11ax HE20 Partial 26/4 CH 157 5785MHz		7231.3	-47.4	-20.4	-27	-54.13	3.8	2.93	0	0	P
		7713.1	-48.38	-27.18	-21.2	-55.4	3.8	3.22	0	0	P
		7713.1	-48.83	-7.63	-41.2	-55.85	3.8	3.22	0	0	A
		8677.5	-66.08	-39.08	-27	-73.28	3.8	3.4	0	0	P
		11570	-36.2	-15	-21.2	-43.37	3.8	3.37	0	0	P
		11570	-41.6	-0.4	-41.2	-48.77	3.8	3.37	0	0	A
		17355	-51.32	-24.32	-27	-62.9	3.8	7.78	0	0	P
802.11ax HE20 Partial 26/8 CH 165 5825MHz		7281.3	-47.36	-26.16	-21.2	-54.08	3.8	2.92	0	0	P
		7281.3	-48.08	-6.88	-41.2	-54.8	3.8	2.92	0	0	A
		7766.5	-45.17	-18.17	-27	-52.3	3.8	3.33	0	0	P
		8737.5	-66.81	-39.81	-27	-74.01	3.8	3.4	0	0	P
		11650	-33.82	-12.62	-21.2	-41.02	3.8	3.4	0	0	P
		11650	-41.56	-0.36	-41.2	-48.76	3.8	3.4	0	0	A
		17475	-52.35	-25.35	-27	-63.94	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 52 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 149 5745MHz		5616.8	-46.7	-19.7	-27	-52.79	3.8	2.29	0	0	P
		5697.6	-39.36	-47.59	8.23	-45.31	3.8	2.15	0	0	P
		5719.4	-24.24	-39.67	15.43	-30.18	3.8	2.14	0	0	P
		5720.2	-23.45	-39.51	16.06	-29.39	3.8	2.14	0	0	P
	*	5745	17.25	-	-	11.32	3.8	2.13	0	0	P
	*	5745	10.76	-	-	4.83	3.8	2.13	0	0	A
802.11ax HE20 Partial 52/38 CH 157 5785MHz		5620.905	-44.91	-17.91	-27	-51	3.8	2.29	0	0	P
		5700.085	-42.94	-52.96	10.02	-48.89	3.8	2.15	0	0	P
		5702.49	-37.86	-48.56	10.7	-43.81	3.8	2.15	0	0	P
		5721.36	-47.19	-65.89	18.7	-53.13	3.8	2.14	0	0	P
	*	5785	17.26	-	-	11.36	3.8	2.1	0	0	P
	*	5785	10.83	-	-	4.93	3.8	2.1	0	0	A
		5851.66	-50.27	-73.48	23.21	-56.2	3.8	2.13	0	0	P
		5861.89	-40.25	-53.92	13.67	-46.18	3.8	2.13	0	0	P
		5903.47	-50.51	-39.4	-11.11	-56.46	3.8	2.15	0	0	P
		5941.255	-46.45	-19.45	-27	-52.44	3.8	2.19	0	0	P
802.11ax HE20 Partial 52/40 CH 165 5825MHz	*	5825	17.11	-	-	11.21	3.8	2.1	0	0	P
	*	5825	10.58	-	-	4.68	3.8	2.1	0	0	A
		5851	-38.99	-63.71	24.72	-44.9	3.8	2.11	0	0	P
		5858.4	-34.85	-49.5	14.65	-40.78	3.8	2.13	0	0	P
		5912.8	-40.36	-22.36	-18	-46.33	3.8	2.17	0	0	P
		5943	-51.68	-24.68	-27	-57.67	3.8	2.19	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 52 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 52/37 CH 149 5745MHz		7181.3	-46.91	-19.91	-27	-53.65	3.8	2.94	0	0	P
		7659.8	-46.24	-25.04	-21.2	-53.15	3.8	3.11	0	0	P
		7659.8	-47.03	-5.83	-41.2	-53.94	3.8	3.11	0	0	A
		8617.5	-66.91	-39.91	-27	-74.04	3.8	3.33	0	0	P
		11490	-41.22	-20.02	-21.2	-48.37	3.8	3.35	0	0	P
		11490	-45.56	-4.36	-41.2	-52.71	3.8	3.35	0	0	A
		17235	-52.7	-25.7	-27	-64.27	3.8	7.77	0	0	P
802.11ax HE20 Partial 52/38 CH 157 5785MHz		7231.3	-47.97	-20.97	-27	-54.7	3.8	2.93	0	0	P
		7713.1	-48.85	-27.65	-21.2	-55.87	3.8	3.22	0	0	P
		7713.1	-49.07	-7.87	-41.2	-56.09	3.8	3.22	0	0	A
		8677.5	-67.46	-40.46	-27	-74.66	3.8	3.4	0	0	P
		11570	-33.82	-12.62	-21.2	-40.99	3.8	3.37	0	0	P
		11570	-42.52	-1.32	-41.2	-49.69	3.8	3.37	0	0	A
		17355	-48.76	-21.76	-27	-60.34	3.8	7.78	0	0	P
802.11ax HE20 Partial 52/40 CH 165 5825MHz		7281.3	-47.73	-26.53	-21.2	-54.45	3.8	2.92	0	0	P
		7281.3	-48.48	-7.28	-41.2	-55.2	3.8	2.92	0	0	A
		7766.5	-45.02	-18.02	-27	-52.15	3.8	3.33	0	0	P
		8737.5	-67.18	-40.18	-27	-74.38	3.8	3.4	0	0	P
		11650	-35.67	-14.47	-21.2	-42.87	3.8	3.4	0	0	P
		11650	-43.07	-1.87	-41.2	-50.27	3.8	3.4	0	0	A
		17475	-52.65	-25.65	-27	-64.24	3.8	7.79	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 106 (Band Edge)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 149 5745MHz		5616.8	-48.24	-21.24	-27	-54.33	3.8	2.29	0	0	P
		5699.4	-38.89	-48.45	9.56	-44.84	3.8	2.15	0	0	P
		5706	-34.46	-46.14	11.68	-40.41	3.8	2.15	0	0	P
		5723.4	-26.42	-49.77	23.35	-32.36	3.8	2.14	0	0	P
	*	5745	16.35	-	-	10.42	3.8	2.13	0	0	P
	*	5745	8.57	-	-	2.64	3.8	2.13	0	0	A
802.11ax HE20 Partial 106/53 CH 157 5785MHz		5617.02	-48.3	-21.3	-27	-54.39	3.8	2.29	0	0	P
		5699.715	-41.54	-51.33	9.79	-47.49	3.8	2.15	0	0	P
		5700.455	-43.03	-53.16	10.13	-48.98	3.8	2.15	0	0	P
		5720.99	-51.03	-68.89	17.86	-56.97	3.8	2.14	0	0	P
	*	5785	16.07	-	-	10.17	3.8	2.1	0	0	P
	*	5785	8.58	-	-	2.68	3.8	2.1	0	0	A
		5853.475	-49.79	-68.87	19.08	-55.72	3.8	2.13	0	0	P
		5859.91	-41.37	-55.59	14.22	-47.3	3.8	2.13	0	0	P
		5896.54	-48.6	-42.62	-5.98	-54.55	3.8	2.15	0	0	P
		5939.605	-47.22	-20.22	-27	-53.21	3.8	2.19	0	0	P
802.11ax HE20 Partial 106/54 CH 165 5825MHz	*	5825	15.07	-	-	9.17	3.8	2.1	0	0	P
	*	5825	7.56	-	-	1.66	3.8	2.1	0	0	A
		5851.4	-32.97	-56.78	23.81	-38.9	3.8	2.13	0	0	P
		5858.2	-35.12	-49.82	14.7	-41.05	3.8	2.13	0	0	P
		5911.6	-41.03	-23.92	-17.11	-47	3.8	2.17	0	0	P
		5926.6	-50.45	-23.45	-27	-56.42	3.8	2.17	0	0	P
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Band 4 5725~5850MHz

WIFI 802.11ax HE20_Partial 106 (Harmonic)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 Partial 106/53 CH 149 5745MHz		7181.3	-47.37	-20.37	-27	-54.11	3.8	2.94	0	0	P
		7659.8	-46.47	-25.27	-21.2	-53.38	3.8	3.11	0	0	P
		7659.8	-46.53	-5.33	-41.2	-53.44	3.8	3.11	0	0	A
		8617.5	-66.81	-39.81	-27	-73.94	3.8	3.33	0	0	P
		11490	-43.24	-22.04	-21.2	-50.39	3.8	3.35	0	0	P
		11490	-47.78	-6.58	-41.2	-54.93	3.8	3.35	0	0	A
		17235	-53.24	-26.24	-27	-64.81	3.8	7.77	0	0	P
802.11ax HE20 Partial 106/53 CH 157 5785MHz		7231.3	-47.88	-20.88	-27	-54.61	3.8	2.93	0	0	P
		7713.1	-47.82	-26.62	-21.2	-54.84	3.8	3.22	0	0	P
		7713.1	-48.85	-7.65	-41.2	-55.87	3.8	3.22	0	0	A
		8677.5	-67.51	-40.51	-27	-74.71	3.8	3.4	0	0	P
		11570	-38.13	-16.93	-21.2	-45.3	3.8	3.37	0	0	P
		11570	-44.97	-3.77	-41.2	-52.14	3.8	3.37	0	0	A
		17355	-53.95	-26.95	-27	-65.53	3.8	7.78	0	0	P
802.11ax HE20 Partial 106/54 CH 165 5825MHz		7281.3	-47.77	-26.57	-21.2	-54.49	3.8	2.92	0	0	P
		7281.3	-48	-6.8	-41.2	-54.72	3.8	2.92	0	0	A
		7766.5	-45.5	-18.5	-27	-52.63	3.8	3.33	0	0	P
		8737.5	-66.1	-39.1	-27	-73.3	3.8	3.4	0	0	P
		11650	-39.69	-18.49	-21.2	-46.89	3.8	3.4	0	0	P
		11650	-45.07	-3.87	-41.2	-52.27	3.8	3.4	0	0	A
		17475	-54.76	-27.76	-27	-66.35	3.8	7.79	0	0	P
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										

**Emission above 18GHz****WIFI 802.11ax HE20 (SHF)**

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 SHF		38570	-44.7	-17.7	-27	-68.02	3.8	19.52	0	0	P
Remark	● No other spurious found. ● All results are PASS against limit line.										

Emission below 1GHz**WIFI 802.11ax HE20 (LF)**

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBm)	Margin (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax HE20 LF		75.59	-86.84	-31.64	-55.2	-95.65	3.8	0.31	0	4.7	P
		171.62	-84.61	-32.91	-51.7	-93.5	3.8	0.39	0	4.7	P
		244.37	-85.48	-36.28	-49.2	-94.44	3.8	0.46	0	4.7	P
		460.68	-85.12	-35.92	-49.2	-94.24	3.8	0.62	0	4.7	P
		813.76	-70.83	-21.63	-49.2	-80.23	3.8	0.9	0	4.7	P
		899.12	-75.69	-26.49	-49.2	-85.06	3.8	0.87	0	4.7	P
Remark	● No other spurious found. ● All results are PASS against limit line.										



Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	MIMO	Groun ding	Peak
Ant.					Line	Level	Factor	Loss	Factor	Factor	Avg.
2		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dBi)	(dB)	(dB)	(dB)	(P/A)
802.11a		5149.24	-34.09	-12.89	-21.2	-39.98	3.8	2.09	0	0	P
CH 36		5149.76	-42.98	-1.78	-41.2	-48.87	3.8	2.09	0	0	A
5180MHz											

1. Path Loss (dB) = Cable loss (dB) + Filter loss (dB) + Attenuator loss (dB)

2. Level (dBm) =

Antenna Factor (dBi) + Path Loss (dB) + Read Level (dBm)

3. Margin (dB) = Level (dBm) – Limit Line (dBm)

For Peak Limit @ 5149.24 MHz:

1. Level (dBm)

= Antenna Factor (dBi) + Path Loss (dB) + Read Level (dBm)

= 3.8 (dBi) + 2.09 (dB) - 39.98 (dBm)

= -34.09 (dBm)

2. Margin (dB)

= Level (dBm) – Limit Line (dBm)

= -34.09 (dBm) + 21.2 (dBm)

= -12.89 (dB)

For Average Limit @ 5149.76 MHz:

1. Level (dBm)

= Antenna Factor (dBi) + Path Loss (dB) + Read Level (dBm)

= 3.8 (dBi) + 2.09 (dB) – 48.87 (dBm)

= -42.98 (dBm)

2. Margin (dB)

= Level (dBm) – Limit Line (dBm)

= -42.98 (dBm) + 41.2 (dBm)

= -1.78 (dB)

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



Appendix D. Conducted Spurious Emission Plots

Test Engineer :	Kai Liao and KenWu	Temperature :	22.3~24.9°C
		Relative Humidity :	52.5~72.4%

Note symbol

-L	Low channel location
-R	High channel location



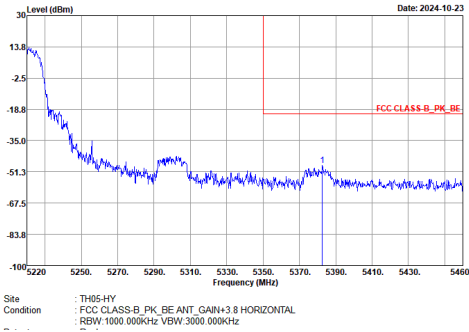
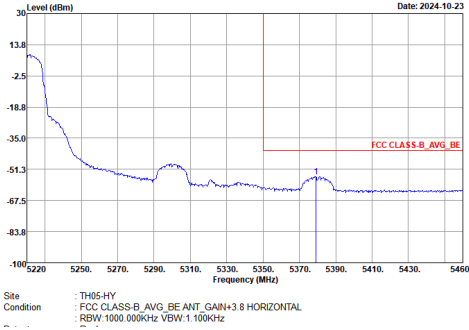
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge)

WIFI	Band 1 5150~5250MHz	
Ant.	802.11a CH36 5180MHz	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : 15.407_CON BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000KHz VIEW:3000.000KHz	Site : TH05-HY Condition : PEAK(LNB) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000KHz VIEW:3000.000KHz
Avg.	Site : TH05-HY Condition : 15.407(AVG)_CON BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000KHz VIEW:1.100KHz	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000KHz VIEW:1.100KHz



WIFI	Band 1 5150~5250MHz	
ANT	802.11a CH44 5220MHz - L	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Site : TH05-HY Condition : PEAK(UNB) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.100kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.100kHz

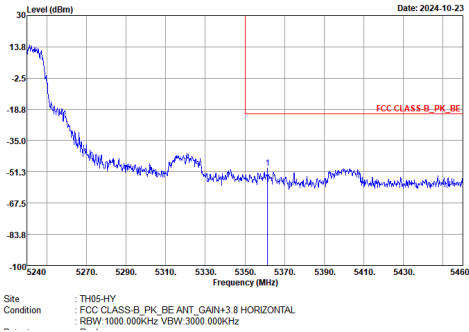
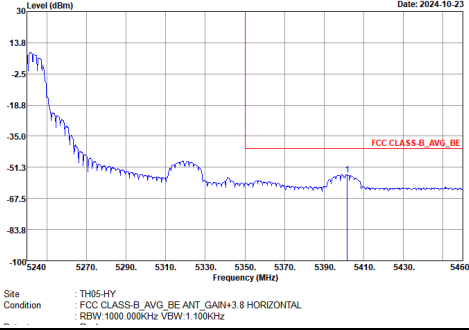


WIFI	Band 1 5150~5250MHz	
ANT	802.11a CH44 5220MHz - R	
1	Band Edge	Fundamental
Peak		Left Blank
Avg.		Left Blank



WIFI	Band 1 5150~5250MHz	
ANT	802.11a CH48 5240MHz - L	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Site : TH05-HY Condition : PEAK(UNB) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.100kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG) CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.100kHz



WIFI	Band 1 5150~5250MHz	
ANT	802.11a CH48 5240MHz - R	
1	Band Edge	Fundamental
Peak	 Site : TH05-HY Condition : FCC CLASS-B_PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Left Blank
Avg.	 Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.100kHz	Left Blank



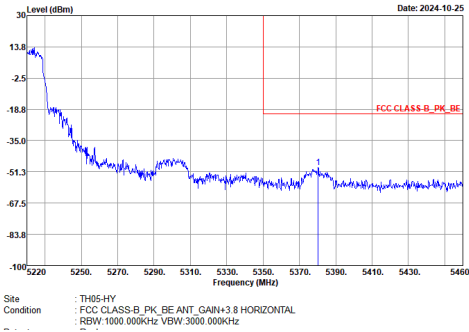
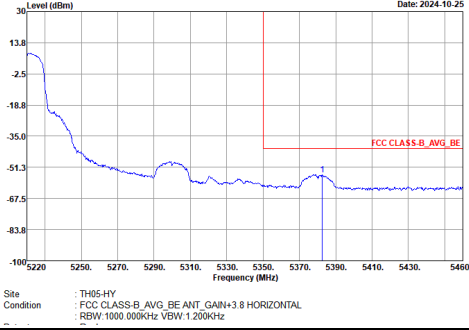
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge)

WIFI	Band 1 5150~5250MHz	
ANT	802.11n HT20 CH36 5180MHz	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B_PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz	Site : TH05-HY Condition : PEAK(UNII) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:1.200kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:1.200kHz



WIFI	Band 1 5150~5250MHz	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Site : TH05-HY Condition : PEAK(UNB) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.200kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG) CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.200kHz

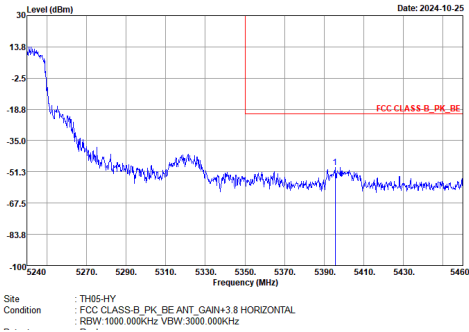
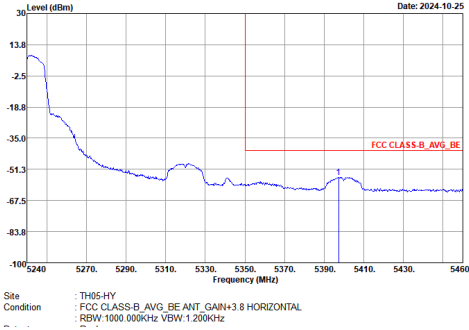


WIFI	Band 1 5150~5250MHz	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Band Edge	Fundamental
Peak	 Site : TH05-HY Condition : FCC CLASS-B_PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Left Blank
Avg.	 Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.200kHz	Left Blank



WIFI	Band 1 5150~5250MHz	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Site : TH05-HY Condition : PEAK(UNB) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.200kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG) CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.200kHz



WIFI	Band 1 5150~5250MHz	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Band Edge	Fundamental
Peak	 Site : TH05-HY Condition : FCC CLASS-B PK_BE ANT_GAIN+3.8 HORIZONTAL : RBW:1000.000kHz VIEW:3000.000kHz	Left Blank
Avg.	 Site : TH05-HY Condition : FCC CLASS-B AVG_BE ANT_GAIN+3.8 HORIZONTAL : RBW:1000.000kHz VIEW:1.200kHz	Left Blank



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

WIFI	Band 1 5150~5250MHz	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B_PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz	Site : TH05-HY Condition : PEAK(UMI) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:1.500kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VBW:1.500kHz



WIFI	Band 1 5150~5250MHz	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : FCC CLASS-B PK_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz	Site : TH05-HY Condition : PEAK(UNB) ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:3000.000kHz
Avg.	Site : TH05-HY Condition : FCC CLASS-B AVG_BE ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.500kHz	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT_GAIN+3.8 HORIZONTAL RBW:1000.000kHz VIEW:1.500kHz