



FCC RADIO TEST REPORT

FCC ID : 2AS7A-B3KF1
Equipment : Head Mounted Display
Model Name : KW49CM
Applicant : Imaginante, LLC
103 Foulk Road, Suite 202, Wilmington, DE 19803
Standard : FCC Part 15 Subpart E §15.407

The product was received on Dec. 23, 2020 and testing was started from Dec. 24, 2020 and completed on Feb. 05, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR9D1825-01D	01	Initial issue of report	May 29, 2020
FR9D1825-01D	02	Revising accessory and equipment information.	Aug. 14, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 1.04 dB at 5467.120 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 15.87 dB at 0.493 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Cindy Liu



1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	GFSK: Loop Antenna WLAN <Ant. 1>: Dipole Antenna <Ant. 2>: Dipole Antenna Bluetooth: Dipole Antenna

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	Sporton Site No.		
	TH05-HY	CO05-HY	03CH07-HY

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

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

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

FCC designation No.: TW1190 and TW0007



1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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



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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel in "[#]" were 802.11ac and 802.11ax HE80.

2.2 Test Mode

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : GFSK Link + Bluetooth Link + WLAN(5GHz) Link + Earphone + Controller (Left) + Controller (Right) + USB Cable (Charging from AC Adapter)
Remark: For Radiated Test Cases, the tests were performed with Battery 2	

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

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

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

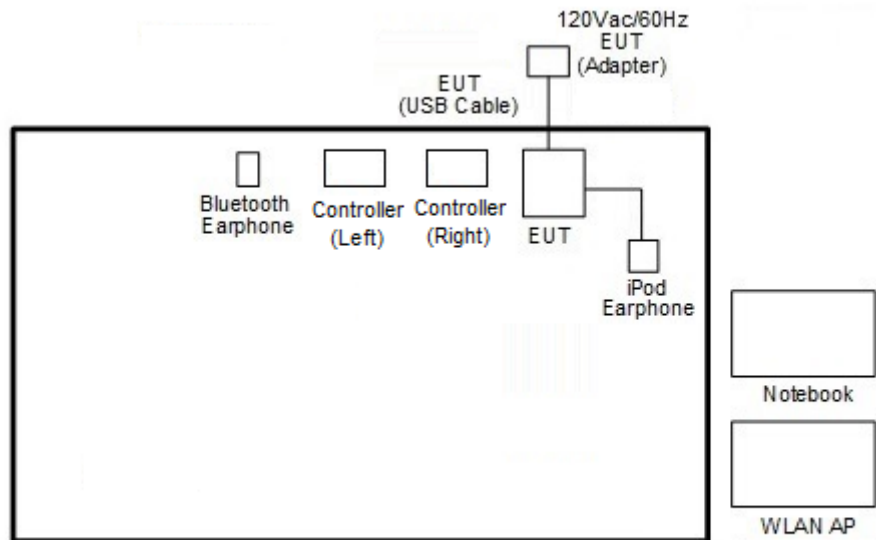
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

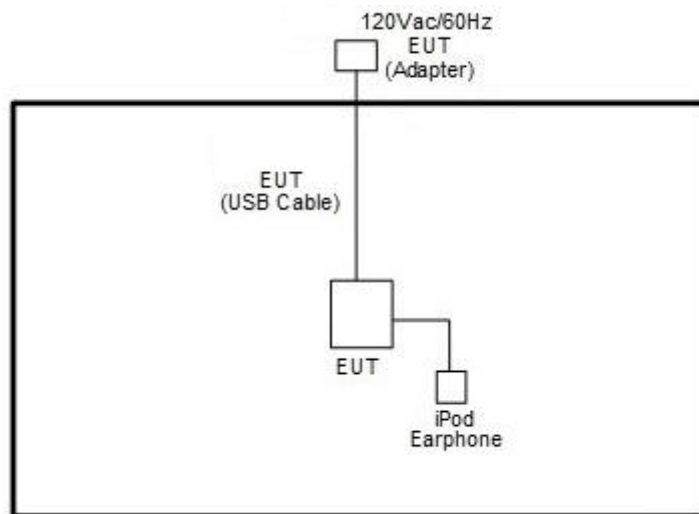
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<Radiated Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
4.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
6.	Controller (Right)	N/A	N/A	N/A	N/A	N/A
7.	Controller (Left)	N/A	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT 4.0.00142.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

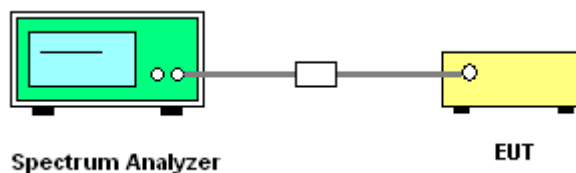
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

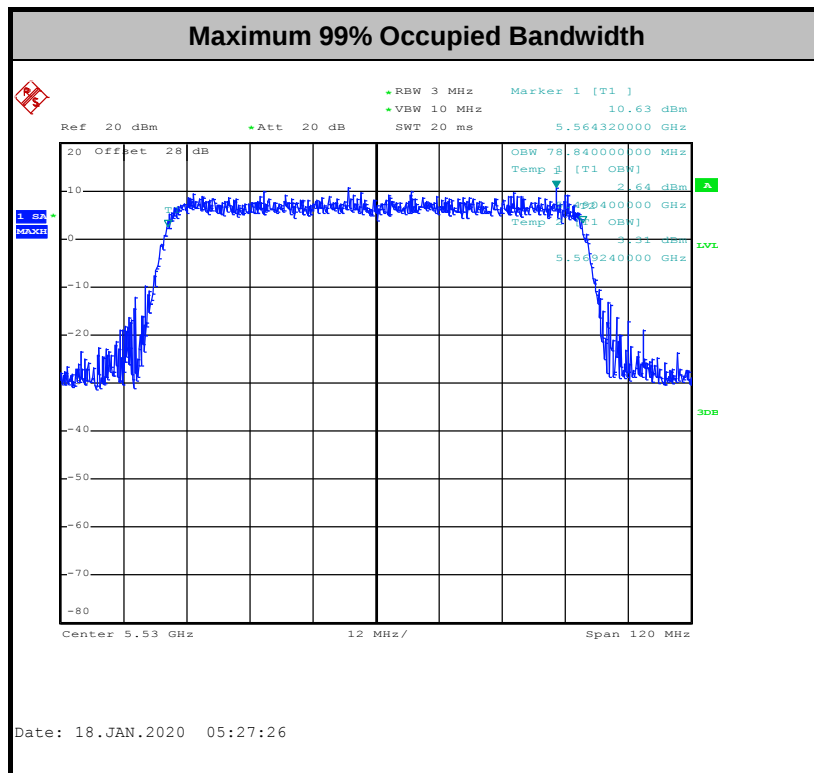
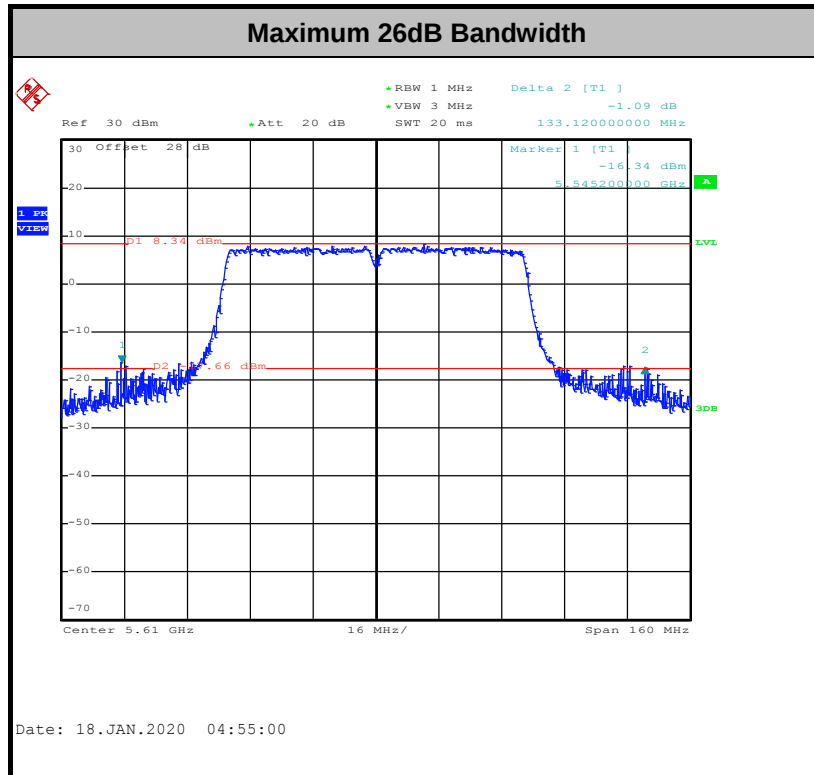


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



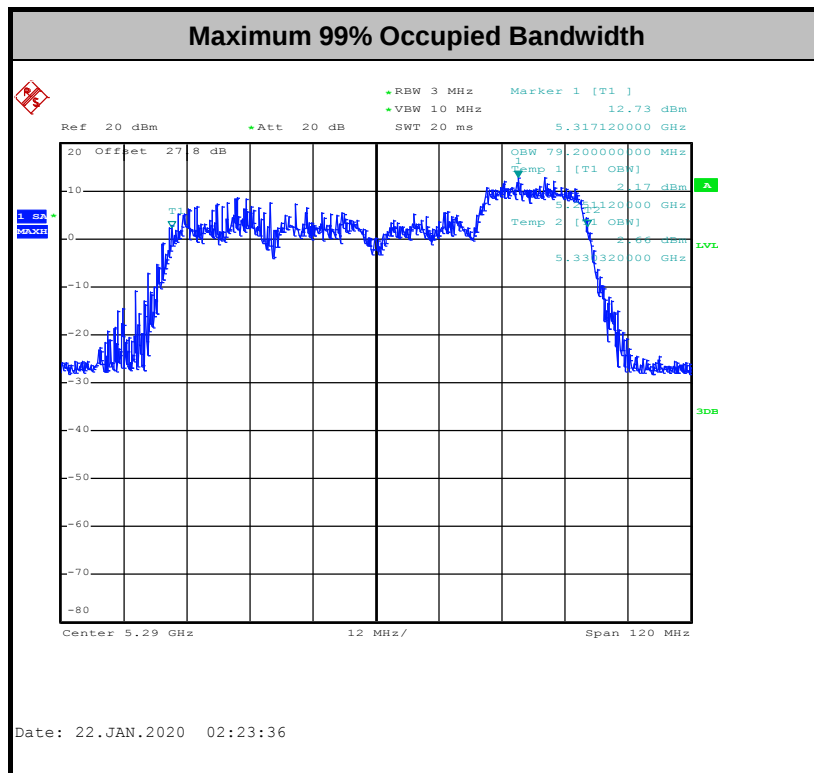
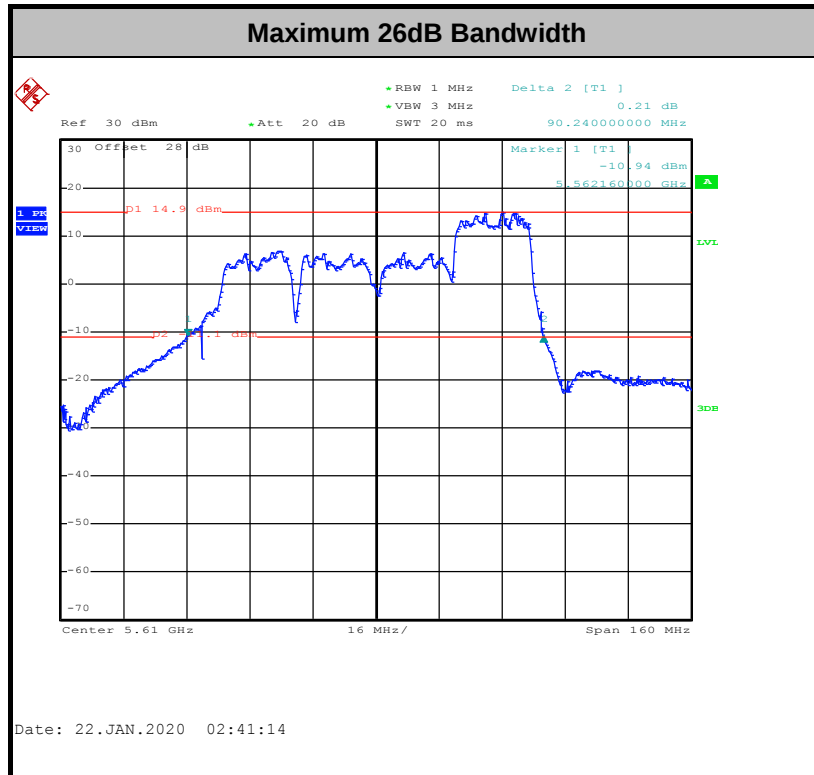
<CDD Mode>



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



<For Partially Loaded RUs>



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

<CDD Modes>

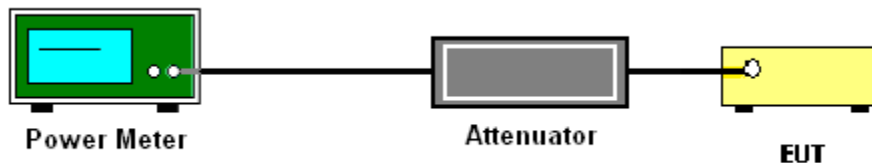
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

<CDD Modes>

Method SA-3

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

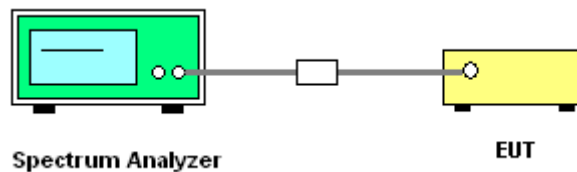
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW $\geq$ 3 MHz
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
- Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

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

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

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

3.3.4 Test Setup

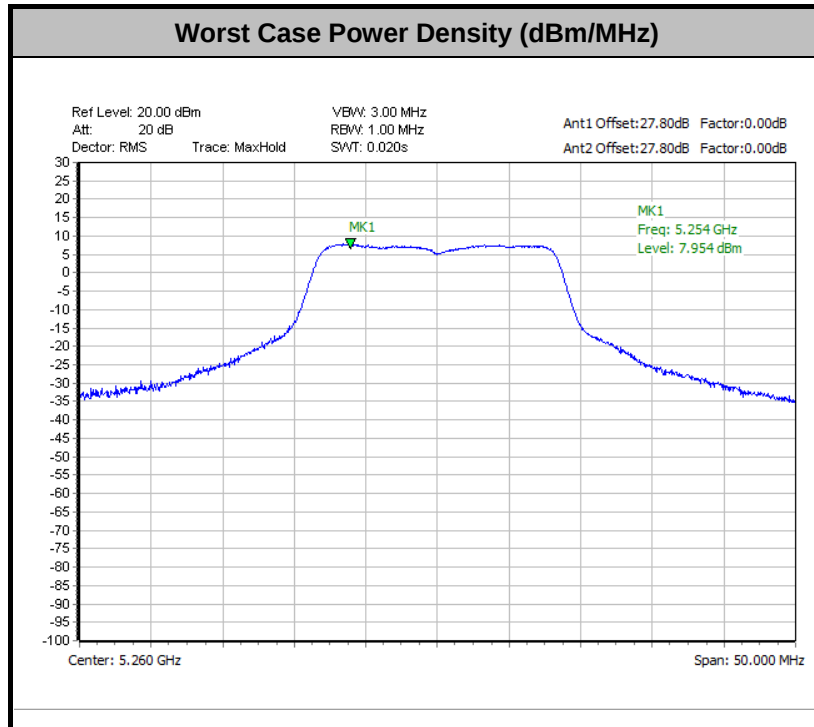




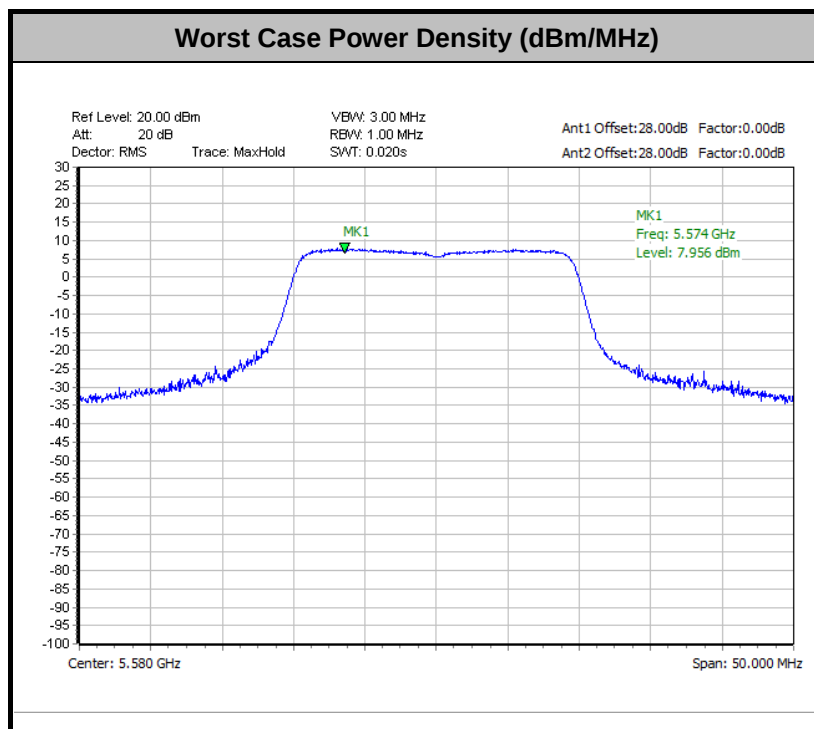
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

<CDD Modes>



<For Fully Loaded RUs>



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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



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

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

- (i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.
- (ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

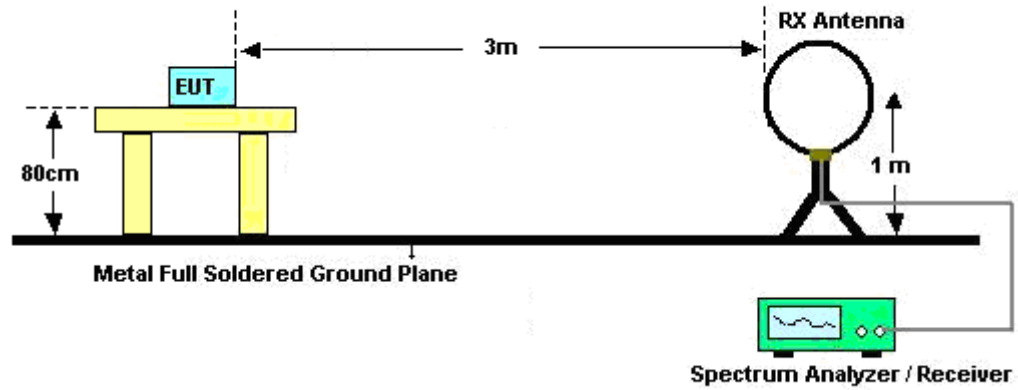


(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

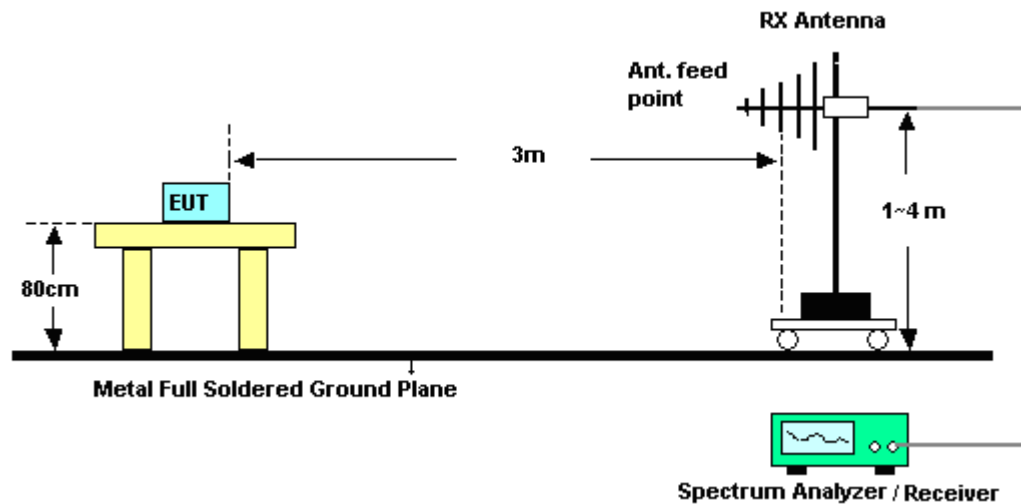
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
 3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
 4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
 5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
 6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
 7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

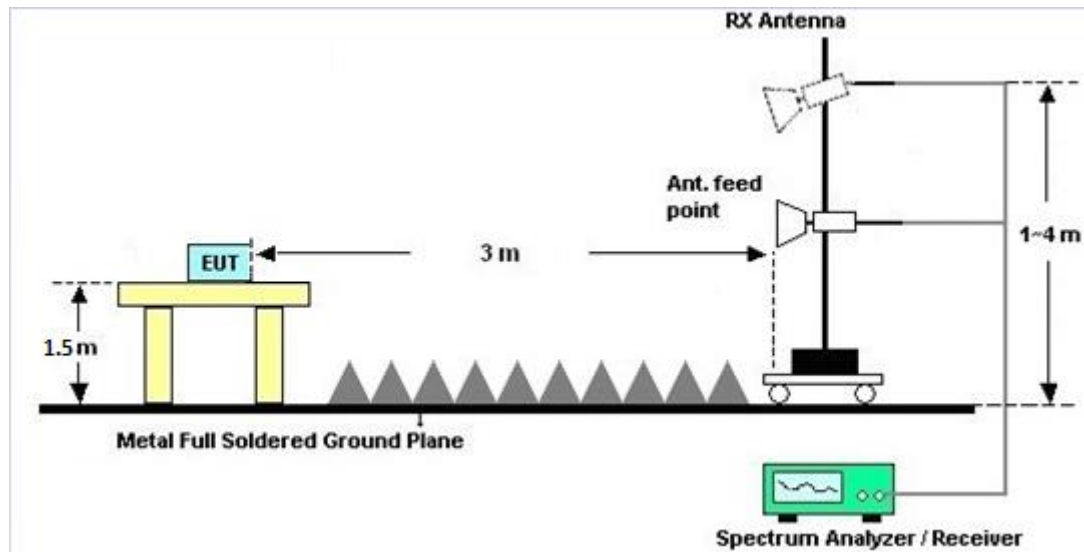
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

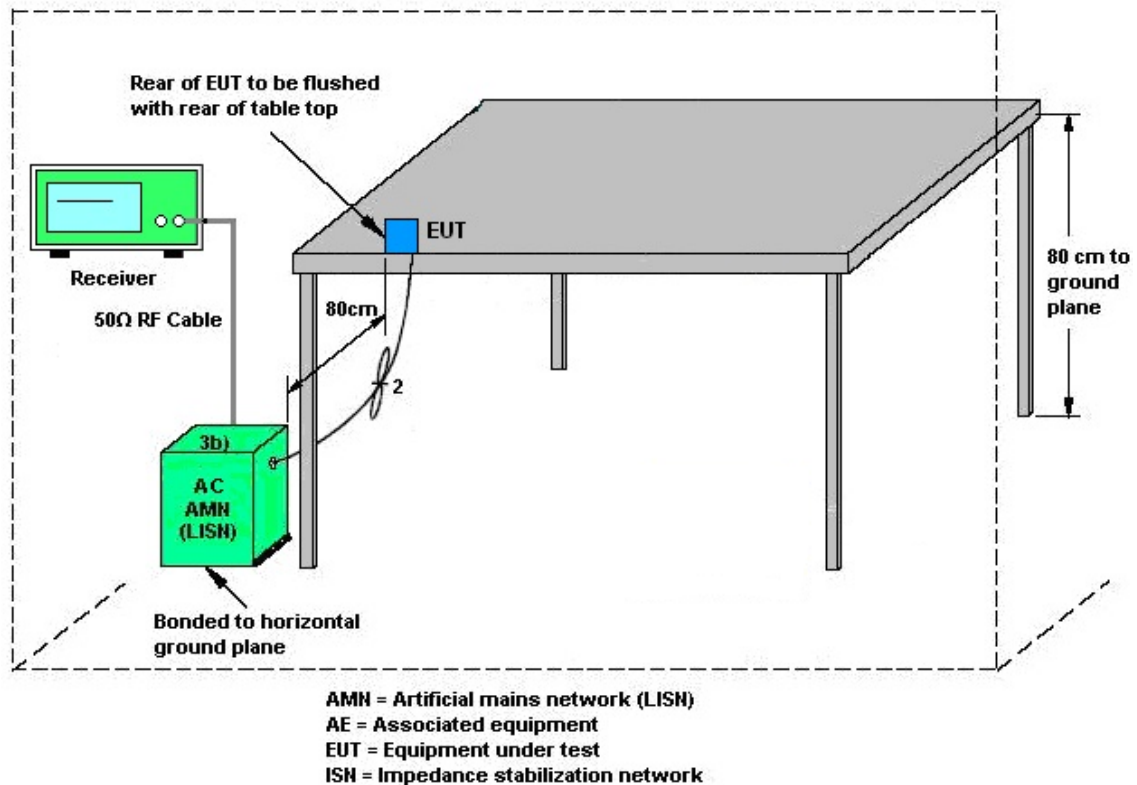
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

Array Gain = $10 \log(\text{NANT}/\text{NSS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

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

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

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

	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	5.02	6.92	6.92	6.92	0.92	0.92
Band II	5.02	6.92	6.92	6.92	0.92	0.92
Band III	5.02	6.92	6.92	6.92	0.92	0.92

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 11, 2019	Dec. 31, 2019~ Jan. 09, 2020	Jan. 10, 2020	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 30, 2019	Dec. 31, 2019~ Jan. 09, 2020	Apr. 29, 2020	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 06, 2019	Dec. 31, 2019~ Jan. 09, 2020	Dec. 05, 2020	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 26, 2019	Dec. 31, 2019~ Jan. 09, 2020	Nov. 25, 2020	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 24, 2019	Dec. 31, 2019~ Jan. 09, 2020	Apr. 23, 2020	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 20, 2019	Dec. 31, 2019~ Jan. 09, 2020	May 19, 2020	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Nov. 01, 2019	Dec. 31, 2019~ Jan. 09, 2020	Oct. 31, 2020	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Dec. 31, 2019~ Jan. 09, 2020	Dec. 12, 2020	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Jan. 23, 2019	Dec. 31, 2019~ Jan. 09, 2020	Jan. 22, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4, MY28655/4	9kHz~30MHz	Feb. 26, 2019	Dec. 31, 2019~ Jan. 09, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 26, 2019	Dec. 31, 2019~ Jan. 09, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 26, 2019	Dec. 31, 2019~ Jan. 09, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Dec. 31, 2019~ Jan. 09, 2020	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Dec. 31, 2019~ Jan. 09, 2020	N/A	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 26, 2019	Dec. 31, 2019~ Jan. 09, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	80504004656 H	N/A	N/A	Dec. 31, 2019~ Jan. 09, 2020	N/A	Radiation (03CH07-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 11, 2019	Dec. 30, 2019~ Jan. 07, 2020	Jan. 10, 2020	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&00 802N1D01N-0 6	47020&06	30MHz to 1GHz	Oct. 12, 2019	Dec. 30, 2019~ Jan. 07, 2020	Oct. 11, 2020	Radiation (03CH16-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-1522	1G~18GHz	Sep. 19, 2019	Dec. 30, 2019~ Jan. 07, 2020	Sep. 18, 2020	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1000MHz	Oct. 01, 2019	Dec. 30, 2019~ Jan. 07, 2020	Sep. 30, 2020	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180005 4001	1GHz~18GHz	May 19, 2019	Dec. 30, 2019~ Jan. 07, 2020	May 18, 2020	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 11, 2019	Dec. 30, 2019~ Jan. 07, 2020	Dec.10, 2020	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Dec. 30, 2019~ Jan. 07, 2020	Dec. 12, 2020	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY57290111	3Hz~26.5GHz	Dec. 05, 2019	Dec. 30, 2019~ Jan. 07, 2020	Dec. 04, 2020	Radiation (03CH16-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	Apr. 29, 2019	Dec. 30, 2019~ Jan. 07, 2020	Apr. 28, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/4PE	NA	Aug. 30, 2019	Dec. 30, 2019~ Jan. 07, 2020	Aug. 29, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4PE	NA	Aug. 30, 2019	Dec. 30, 2019~ Jan. 07, 2020	Aug. 29, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-57 57	NA	Aug. 30, 2019	Dec. 30, 2019~ Jan. 07, 2020	Aug. 29, 2020	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303B	TP161243	N/A	Jun 17, 2019	Dec. 30, 2019~ Jan. 07, 2020	Jun 16, 2020	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Dec. 30, 2019~ Jan. 07, 2020	N/A	Radiation (03CH16-HY)
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Dec. 24, 2019 ~ Feb. 05, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO 32	10MHz~6GHz	Dec. 17, 2019	Dec. 24, 2019 ~ Feb. 05, 2020	Dec. 16, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	Dec. 24, 2019 ~ Feb. 05, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Dec. 24, 2019 ~ Feb. 05, 2020	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 26, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Dec. 26, 2019	Nov. 14, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Dec. 26, 2019	Nov. 19, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Dec. 26, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Dec. 26, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Dec. 26, 2019	Dec. 30, 2019	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3
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<03CH07-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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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
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<03CH16-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.7
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.9
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kai Liao and Kathy Chen	Temperature:	21~25	°C
Test Date:	2019/12/24 ~ 2020/02/05	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	16.95	16.80	27.60	26.90	-	-	22.25	-	
11a	6Mbps	2	44	5220	16.90	16.80	27.30	26.60	-	-	22.25	-	
11a	6Mbps	2	48	5240	16.85	16.85	27.30	26.70	-	-	22.27	-	
HT20	MCS0	2	36	5180	18.00	18.00	27.70	28.20	-	-	22.55	-	
HT20	MCS0	2	44	5220	18.00	17.90	30.80	28.10	-	-	22.53	-	
HT20	MCS0	2	48	5240	18.00	17.90	29.40	30.85	-	-	22.53	-	
HT40	MCS0	2	38	5190	37.10	37.20	50.45	49.06	-	-	23.01	-	
HT40	MCS0	2	46	5230	37.30	37.20	50.94	53.55	-	-	23.01	-	
VHT80	MCS0	2	42	5210	78.12	77.52	91.52	90.56	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	14.70	15.50	18.13	23.08		6.92			Pass
11a	6Mbps	2	44	5220	14.70	15.40	18.07	23.08		6.92			Pass
11a	6Mbps	2	48	5240	14.80	15.40	18.12	23.08		6.92			Pass
HT20	MCS0	2	36	5180	14.60	15.40	18.03	23.08		6.92			Pass
HT20	MCS0	2	44	5220	15.10	15.70	18.42	23.08		6.92			Pass
HT20	MCS0	2	48	5240	15.40	15.70	18.56	23.08		6.92			Pass
HT40	MCS0	2	38	5190	13.30	14.30	16.84	23.08		6.92			Pass
HT40	MCS0	2	46	5230	15.50	15.80	18.66	23.08		6.92			Pass
VHT20	MCS0	2	36	5180	14.50	15.40	17.98	23.08		6.92			Pass
VHT20	MCS0	2	44	5220	15.00	15.60	18.32	23.08		6.92			Pass
VHT20	MCS0	2	48	5240	15.20	15.60	18.41	23.08		6.92			Pass
VHT40	MCS0	2	38	5190	13.20	14.30	16.80	23.08		6.92			Pass
VHT40	MCS0	2	46	5230	15.40	15.80	18.61	23.08		6.92			Pass
VHT80	MCS0	2	42	5210	13.60	14.30	16.97	23.08		6.92			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180			7.94	7.97	9.03			Pass	
11a	6Mbps	2	44	5220			7.82	7.97	9.03			Pass	
11a	6Mbps	2	48	5240			7.90	7.97	9.03			Pass	
HT20	MCS0	2	36	5180			7.40	7.97	9.03			Pass	
HT20	MCS0	2	44	5220			7.78	7.97	9.03			Pass	
HT20	MCS0	2	48	5240			7.91	7.97	9.03			Pass	
HT40	MCS0	2	38	5190			3.14	7.97	9.03			Pass	
HT40	MCS0	2	46	5230			5.14	7.97	9.03			Pass	
VHT80	MCS0	2	42	5210			0.41	7.97	9.03			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.95	16.85	27.40	26.70	23.27		29.27		23.98		
11a	6Mbps	2	60	5300	16.90	16.80	27.40	26.50	23.25		29.25		23.98		
11a	6Mbps	2	64	5320	16.85	16.85	27.20	26.90	23.27		29.27		23.98		
HT20	MCS0	2	52	5260	17.95	17.95	30.50	28.65	23.54		29.54		23.98		
HT20	MCS0	2	60	5300	17.90	17.95	31.95	28.90	23.53		29.53		23.98		
HT20	MCS0	2	64	5320	18.00	18.00	33.10	30.75	23.55		29.55		23.98		
HT40	MCS0	2	54	5270	37.10	37.10	50.29	49.58	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	37.30	37.30	49.93	49.67	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	77.88	77.88	92.04	89.92	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	14.80	15.40	18.12	23.06		6.92		26.99	Pass
11a	6Mbps	2	60	5300	14.80	15.50	18.17	23.06		6.92		26.99	Pass
11a	6Mbps	2	64	5320	14.90	15.40	18.17	23.06		6.92		26.99	Pass
HT20	MCS0	2	52	5260	15.40	15.60	18.51	23.06		6.92		26.99	Pass
HT20	MCS0	2	60	5300	15.50	15.70	18.61	23.06		6.92		26.99	Pass
HT20	MCS0	2	64	5320	15.50	15.70	18.61	23.06		6.92		26.99	Pass
HT40	MCS0	2	54	5270	15.50	15.70	18.61	23.06		6.92		26.99	Pass
HT40	MCS0	2	62	5310	12.50	12.80	15.66	23.06		6.92		26.99	Pass
VHT20	MCS0	2	52	5260	15.40	15.50	18.46	23.06		6.92		26.99	Pass
VHT20	MCS0	2	60	5300	15.50	15.60	18.56	23.06		6.92		26.99	Pass
VHT20	MCS0	2	64	5320	15.20	15.30	18.26	23.06		6.92		26.99	Pass
VHT40	MCS0	2	54	5270	15.40	15.60	18.51	23.06		6.92		26.99	Pass
VHT40	MCS0	2	62	5310	12.50	12.70	15.61	23.06		6.92		26.99	Pass
VHT80	MCS0	2	58	5290	12.60	12.70	15.66	23.06		6.92		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			7.95	7.97	9.03			Pass	
11a	6Mbps	2	60	5300			7.90	7.97	9.03		Pass		
11a	6Mbps	2	64	5320			7.80	7.97	9.03		Pass		
HT20	MCS0	2	52	5260			7.78	7.97	9.03		Pass		
HT20	MCS0	2	60	5300			7.79	7.97	9.03		Pass		
HT20	MCS0	2	64	5320			7.74	7.97	9.03		Pass		
HT40	MCS0	2	54	5270			4.88	7.97	9.03		Pass		
HT40	MCS0	2	62	5310			1.95	7.97	9.03		Pass		
VHT80	MCS0	2	58	5290			-1.14	7.97	9.03		Pass		

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.80	16.80	27.20	26.70	23.25		29.25		23.98		----	----
11a	6Mbps	2	116	5580	16.95	16.80	27.10	27.00	23.25		29.25		23.98		----	----
11a	6Mbps	2	140	5700	16.90	16.75	27.35	26.70	23.24		29.24		23.98		----	----
HT20	MCS0	2	100	5500	18.00	17.90	27.90	27.30	23.53		29.53		23.98		----	----
HT20	MCS0	2	116	5580	17.90	18.00	28.20	28.30	23.53		29.53		23.98		----	----
HT20	MCS0	2	140	5700	17.90	17.90	28.05	27.75	23.53		29.53		23.98		----	----
HT40	MCS0	2	102	5510	37.10	37.40	48.24	49.68	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	37.30	37.20	66.06	53.55	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	37.30	37.30	65.34	53.64	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	78.84	77.88	86.40	90.56	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	77.64	77.88	131.32	133.12	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.50	13.45	18.75	18.20	22.29		28.29		23.60		3.15	3.15
HT20	MCS0	2	144	5720	14.00	14.00	19.15	19.50	22.46		28.46		23.82		3.75	3.75
HT40	MCS0	2	142	5710	33.80	33.80	40.02	41.73	23.98		30.00		23.98		3.09	3.09
VHT80	MCS0	2	138	5690	74.00	74.00	107.48	100.44	23.98		30.00		23.98		3.24	3.08

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	14.50	15.30	17.93	23.06		6.92		26.99	Pass
11a	6Mbps	2	116	5580	14.50	14.90	17.71	23.06		6.92		26.99	Pass
11a	6Mbps	2	140	5700	12.50	12.90	15.71	23.06		6.92		26.99	Pass
HT20	MCS0	2	100	5500	14.60	14.80	17.71	23.06		6.92		26.99	Pass
HT20	MCS0	2	116	5580	14.90	14.90	17.91	23.06		6.92		26.99	Pass
HT20	MCS0	2	140	5700	12.90	13.00	15.96	23.06		6.92		26.99	Pass
HT40	MCS0	2	102	5510	14.20	14.30	17.26	23.06		6.92		26.99	Pass
HT40	MCS0	2	110	5550	16.60	16.50	19.56	23.06		6.92		26.99	Pass
HT40	MCS0	2	134	5670	16.60	16.60	19.61	23.06		6.92		26.99	Pass
VHT20	MCS0	2	100	5500	14.60	14.70	17.66	23.06		6.92		26.99	Pass
VHT20	MCS0	2	116	5580	14.80	14.80	17.81	23.06		6.92		26.99	Pass
VHT20	MCS0	2	140	5700	12.90	13.00	15.96	23.06		6.92		26.99	Pass
VHT40	MCS0	2	102	5510	14.20	14.20	17.21	23.06		6.92		26.99	Pass
VHT40	MCS0	2	110	5550	16.70	16.30	19.51	23.06		6.92		26.99	Pass
VHT40	MCS0	2	134	5670	16.60	16.50	19.56	23.06		6.92		26.99	Pass
VHT80	MCS0	2	106	5530	13.70	13.60	16.66	23.06		6.92		26.99	Pass
VHT80	MCS0	2	122	5610	16.40	16.60	19.51	23.06		6.92		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	14.50	15.40	17.98	22.68		6.92		26.99	Pass
HT20	MCS0	2	144	5720	15.00	15.60	18.32	22.90		6.92		26.99	Pass
HT40	MCS0	2	142	5710	16.40	16.80	19.61	23.06		6.92		26.99	Pass
VHT20	MCS0	2	144	5720	14.90	15.60	18.27	22.90		6.92		26.99	Pass
VHT40	MCS0	2	142	5710	16.50	16.60	19.56	23.06		6.92		26.99	Pass
VHT80	MCS0	2	138	5690	16.70	16.60	19.66	23.06		6.92		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500			7.80	7.97	9.03			Pass	
11a	6Mbps	2	116	5580			7.89	7.97	9.03			Pass	
11a	6Mbps	2	140	5700			5.77	7.97	9.03			Pass	
HT20	MCS0	2	100	5500			7.19	7.97	9.03			Pass	
HT20	MCS0	2	116	5580			7.79	7.97	9.03			Pass	
HT20	MCS0	2	140	5700			5.33	7.97	9.03			Pass	
HT40	MCS0	2	102	5510			3.96	7.97	9.03			Pass	
HT40	MCS0	2	110	5550			5.97	7.97	9.03			Pass	
HT40	MCS0	2	134	5670			5.96	7.97	9.03			Pass	
VHT80	MCS0	2	106	5530			-0.06	7.97	9.03			Pass	
VHT80	MCS0	2	122	5610			2.79	7.97	9.03			Pass	

Band III straddle channel MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	144	5720				7.91	7.97	9.03		Pass
HT20	MCS0	2	144	5720				7.75	7.97	9.03		Pass
HT40	MCS0	2	142	5710				5.85	7.97	9.03		Pass
VHT80	MCS0	2	138	5690				2.52	7.97	9.03		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	19.10	19.10	25.70	24.90	-		22.81			
HE20	MCS0	2	36	5180	26/0	18.55	18.55	21.80	21.50	-		22.68			
HE20	MCS0	2	36	5180	52/37	17.70	17.70	23.50	23.50	-		22.48			
HE20	MCS0	2	36	5180	106/53	17.40	17.50	23.40	23.30	-		22.41			
HE20	MCS0	2	44	5220	Full	19.10	19.10	25.30	25.20	-		22.81			
HE20	MCS0	2	48	5240	Full	19.10	19.10	26.05	25.55	-		22.81			
HE40	MCS0	2	38	5190	Full	38.50	38.40	45.18	45.54	-		23.01			
HE40	MCS0	2	38	5190	242/61	38.30	38.30	46.87	45.36	-		23.01			
HE40	MCS0	2	46	5230	Full	38.50	38.50	45.54	48.90	-		23.01			
HE80	MCS0	2	42	5210	Full	79.08	78.96	87.36	88.00	-		23.01			
HE80	MCS0	2	42	5210	242/61	78.84	78.60	85.44	84.48	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	14.60	15.40	18.03	23.08		6.92			Pass
HE20	MCS0	2	36	5180	26/0	6.60	7.60	10.14	23.08		6.92			Pass
HE20	MCS0	2	36	5180	52/37	7.90	8.70	11.33	23.08		6.92			Pass
HE20	MCS0	2	36	5180	106/53	10.00	10.70	13.37	23.08		6.92			Pass
HE20	MCS0	2	44	5220	Full	14.70	15.30	18.02	23.08		6.92			Pass
HE20	MCS0	2	48	5240	Full	14.90	15.40	18.17	23.08		6.92			Pass
HE40	MCS0	2	38	5190	Full	13.30	14.30	16.84	23.08		6.92			Pass
HE40	MCS0	2	38	5190	242/61	10.20	10.00	13.11	23.08		6.92			Pass
HE40	MCS0	2	46	5230	Full	15.10	15.60	18.37	23.08		6.92			Pass
HE80	MCS0	2	42	5210	Full	13.50	14.20	16.87	23.08		6.92			Pass
HE80	MCS0	2	42	5210	242/61	12.20	12.60	15.41	23.08		6.92		Pass	

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full			7.50	7.97	9.03			Pass	
HE20	MCS0	2	36	5180	26/0			7.88	7.97	9.03			Pass	
HE20	MCS0	2	36	5180	52/37			7.96	7.97	9.03			Pass	
HE20	MCS0	2	36	5180	106/53			7.73	7.97	9.03			Pass	
HE20	MCS0	2	44	5220	Full			7.57	7.97	9.03			Pass	
HE20	MCS0	2	48	5240	Full			7.55	7.97	9.03			Pass	
HE40	MCS0	2	38	5190	Full			3.15	7.97	9.03			Pass	
HE40	MCS0	2	38	5190	242/61			1.99	7.97	9.03			Pass	
HE40	MCS0	2	46	5230	Full			4.93	7.97	9.03			Pass	
HE80	MCS0	2	42	5210	Full			-0.34	7.97	9.03			Pass	
HE80	MCS0	2	42	5210	242/61			3.22	7.97	9.03			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO																
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	19.15	19.10	29.05	25.90	23.81		29.81		23.98		
HE20	MCS0	2	52	5260	26/4	17.50	17.15	22.00	19.90	23.34		29.34		23.98		
HE20	MCS0	2	60	5300	Full	19.15	19.05	28.00	31.10	23.80		29.80		23.98		
HE20	MCS0	2	64	5320	Full	19.15	19.10	32.90	25.80	23.81		29.81		23.98		
HE20	MCS0	2	64	5320	26/8	18.75	18.35	22.40	21.30	23.64		29.64		23.98		
HE20	MCS0	2	64	5320	52/40	17.50	17.65	23.10	25.00	23.43		29.43		23.98		
HE20	MCS0	2	64	5320	106/54	17.25	17.45	22.50	23.00	23.37		29.37		23.98		
HE40	MCS0	2	54	5270	Full	38.50	38.50	48.24	47.34	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	38.50	38.60	46.08	44.64	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	242/62	38.20	38.10	47.52	45.90	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	79.08	78.96	86.80	85.76	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	242/64	79.20	78.96	86.72	84.16	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	15.40	15.60	18.51	23.06		6.92		26.99	Pass
HE20	MCS0	2	52	5260	26/4	8.00	8.30	11.16	23.06		6.92		26.99	Pass
HE20	MCS0	2	60	5300	Full	15.60	15.70	18.66	23.06		6.92		26.99	Pass
HE20	MCS0	2	64	5320	Full	15.70	15.80	18.76	23.06		6.92		26.99	Pass
HE20	MCS0	2	64	5320	26/8	6.40	6.90	9.67	23.06		6.92		26.99	Pass
HE20	MCS0	2	64	5320	52/40	8.40	8.50	11.46	23.06		6.92		26.99	Pass
HE20	MCS0	2	64	5320	106/54	10.50	10.80	13.66	23.06		6.92		26.99	Pass
HE40	MCS0	2	54	5270	Full	15.70	15.80	18.76	23.06		6.92		26.99	Pass
HE40	MCS0	2	62	5310	Full	12.60	13.00	15.81	23.06		6.92		26.99	Pass
HE40	MCS0	2	62	5310	242/62	9.40	9.40	12.41	23.06		6.92		26.99	Pass
HE80	MCS0	2	58	5290	Full	12.50	12.60	15.56	23.06		6.92		26.99	Pass
HE80	MCS0	2	58	5290	242/64	10.40	10.30	13.36	23.06		6.92		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full			7.90	7.97	9.03			Pass	
HE20	MCS0	2	52	5260	26/4			7.78	7.97	9.03			Pass	
HE20	MCS0	2	60	5300	Full			7.87	7.97	9.03			Pass	
HE20	MCS0	2	64	5320	Full			7.69	7.97	9.03			Pass	
HE20	MCS0	2	64	5320	26/8			7.83	7.97	9.03			Pass	
HE20	MCS0	2	64	5320	52/40			7.92	7.97	9.03			Pass	
HE20	MCS0	2	64	5320	106/54			7.84	7.97	9.03			Pass	
HE40	MCS0	2	54	5270	Full			4.74	7.97	9.03			Pass	
HE40	MCS0	2	62	5310	Full			1.98	7.97	9.03			Pass	
HE40	MCS0	2	62	5310	242/62			0.81	7.97	9.03			Pass	
HE80	MCS0	2	58	5290	Full			-2.44	7.97	9.03			Pass	
HE80	MCS0	2	58	5290	242/64			1.35	7.97	9.03			Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	19.10	19.10	26.90	26.30	23.81		29.81		23.98		----	----
HE20	MCS0	2	100	5500	26/0	18.55	18.50	21.90	21.70	23.67		29.67		23.98		----	----
HE20	MCS0	2	100	5500	52/37	17.60	17.70	22.70	23.30	23.46		29.46		23.98		----	----
HE20	MCS0	2	100	5500	106/53	17.15	17.45	22.70	23.60	23.34		29.34		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.15	19.15	26.25	25.10	23.82		29.82		23.98		----	----
HE20	MCS0	2	116	5580	26/4	17.35	17.15	21.50	20.00	23.34		29.34		23.98		----	----
HE20	MCS0	2	140	5700	Full	19.10	19.10	25.60	25.30	23.81		29.81		23.98		----	----
HE20	MCS0	2	140	5700	26/8	18.55	18.40	22.60	21.70	23.65		29.65		23.98		----	----
HE20	MCS0	2	140	5700	52/40	17.55	17.70	23.70	23.30	23.44		29.44		23.98		----	----
HE20	MCS0	2	140	5700	106/54	17.30	17.45	22.60	22.40	23.38		29.38		23.98		----	----
HE40	MCS0	2	102	5510	Full	38.40	38.40	48.73	46.35	23.98		30.00		23.98		----	----
HE40	MCS0	2	102	5510	242/61	38.00	38.10	45.54	44.82	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.50	38.60	47.39	46.18	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	38.40	38.50	46.12	47.79	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	242/62	38.60	38.70	46.62	48.15	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	79.08	78.96	85.96	87.77	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	242/61	78.60	78.60	84.48	84.48	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	78.96	78.96	88.24	87.77	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	242/64	78.96	78.96	88.64	90.24	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																	
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	14.60	14.60	18.10	22.15	22.64		28.64		23.58		4.55	4.5
HE40	MCS0	2	142	5710	Full	34.40	34.40	37.41	37.32	23.98		30.00		23.98		4.08	4.08
HE80	MCS0	2	138	5690	Full	74.60	74.72	79.68	78.73	23.98		30.00		23.98		3.88	3.56

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	15.20	15.40	18.31	23.06		6.92		26.99	Pass
HE20	MCS0	2	100	5500	26/0	6.70	7.10	9.91	23.06		6.92		26.99	Pass
HE20	MCS0	2	100	5500	52/37	7.90	8.20	11.06	23.06		6.92		26.99	Pass
HE20	MCS0	2	100	5500	106/53	10.00	10.20	13.11	23.06		6.92		26.99	Pass
HE20	MCS0	2	116	5580	Full	15.50	15.50	18.51	23.06		6.92		26.99	Pass
HE20	MCS0	2	116	5580	26/4	7.50	7.70	10.61	23.06		6.92		26.99	Pass
HE20	MCS0	2	140	5700	Full	13.00	12.90	15.96	23.06		6.92		26.99	Pass
HE20	MCS0	2	140	5700	26/8	6.40	6.40	9.41	23.06		6.92		26.99	Pass
HE20	MCS0	2	140	5700	52/40	8.00	8.30	11.16	23.06		6.92		26.99	Pass
HE20	MCS0	2	140	5700	106/54	9.90	10.00	12.96	23.06		6.92		26.99	Pass
HE40	MCS0	2	102	5510	Full	14.80	14.90	17.86	23.06		6.92		26.99	Pass
HE40	MCS0	2	102	5510	242/61	11.50	11.60	14.56	23.06		6.92		26.99	Pass
HE40	MCS0	2	110	5550	Full	16.60	16.20	19.41	23.06		6.92		26.99	Pass
HE40	MCS0	2	134	5670	Full	16.60	16.50	19.56	23.06		6.92		26.99	Pass
HE40	MCS0	2	134	5670	242/62	14.40	14.50	17.46	23.06		6.92		26.99	Pass
HE80	MCS0	2	106	5530	Full	13.50	13.50	16.51	23.06		6.92		26.99	Pass
HE80	MCS0	2	106	5530	242/61	12.80	12.40	15.61	23.06		6.92		26.99	Pass
HE80	MCS0	2	122	5610	Full	16.30	16.80	19.57	23.06		6.92		26.99	Pass
HE80	MCS0	2	122	5610	242/64	15.30	15.80	18.57	23.06		6.92		26.99	Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	15.60	16.20	18.92	22.66		6.92		26.99	Pass
HE20	MCS0	2	144	5720	26/0	6.90	7.30	10.11	22.29		6.92		26.99	Pass
HE20	MCS0	2	144	5720	52/37	8.00	8.50	11.27	22.23		6.92		26.99	Pass
HE20	MCS0	2	144	5720	106/53	10.00	10.60	13.32	22.24		6.92		26.99	Pass
HE40	MCS0	2	142	5710	Full	16.50	16.70	19.61	23.06		6.92		26.99	Pass
HE40	MCS0	2	142	5710	242/61	16.30	16.60	19.46	23.06		6.92		26.99	Pass
HE80	MCS0	2	138	5690	Full	16.50	16.50	19.51	23.06		6.92		26.99	Pass
HE80	MCS0	2	138	5690	242/61	16.70	16.30	19.51	23.06		6.92		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full			7.62	7.97	9.03			Pass	
HE20	MCS0	2	100	5500	26/0			7.82	7.97	9.03			Pass	
HE20	MCS0	2	100	5500	52/37			7.85	7.97	9.03			Pass	
HE20	MCS0	2	100	5500	106/53			7.91	7.97	9.03			Pass	
HE20	MCS0	2	116	5580	Full			7.96	7.97	9.03			Pass	
HE20	MCS0	2	116	5580	26/4			7.96	7.97	9.03			Pass	
HE20	MCS0	2	140	5700	Full			4.80	7.97	9.03			Pass	
HE20	MCS0	2	140	5700	26/8			7.91	7.97	9.03			Pass	
HE20	MCS0	2	140	5700	52/40			7.86	7.97	9.03			Pass	
HE20	MCS0	2	140	5700	106/54			7.75	7.97	9.03			Pass	
HE40	MCS0	2	102	5510	Full			4.16	7.97	9.03			Pass	
HE40	MCS0	2	102	5510	242/61			3.16	7.97	9.03			Pass	
HE40	MCS0	2	110	5550	Full			5.83	7.97	9.03			Pass	
HE40	MCS0	2	134	5670	Full			5.56	7.97	9.03			Pass	
HE40	MCS0	2	134	5670	242/62			6.11	7.97	9.03			Pass	
HE80	MCS0	2	106	5530	Full			-0.46	7.97	9.03			Pass	
HE80	MCS0	2	106	5530	242/61			4.05	7.97	9.03			Pass	
HE80	MCS0	2	122	5610	Full			2.15	7.97	9.03			Pass	
HE80	MCS0	2	122	5610	242/64			6.82	7.97	9.03			Pass	

Band III straddle channel MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full			7.72	7.97	9.03			Pass	
HE20	MCS0	2	144	5720	26/0			7.91	7.97	9.03			Pass	
HE20	MCS0	2	144	5720	52/37			7.94	7.97	9.03			Pass	
HE20	MCS0	2	144	5720	106/53			7.95	7.97	9.03			Pass	
HE40	MCS0	2	142	5710	Full			5.53	7.97	9.03			Pass	
HE40	MCS0	2	142	5710	242/61			7.78	7.97	9.03			Pass	
HE80	MCS0	2	138	5690	Full			1.77	7.97	9.03			Pass	
HE80	MCS0	2	138	5690	242/61			7.57	7.97	9.03			Pass	



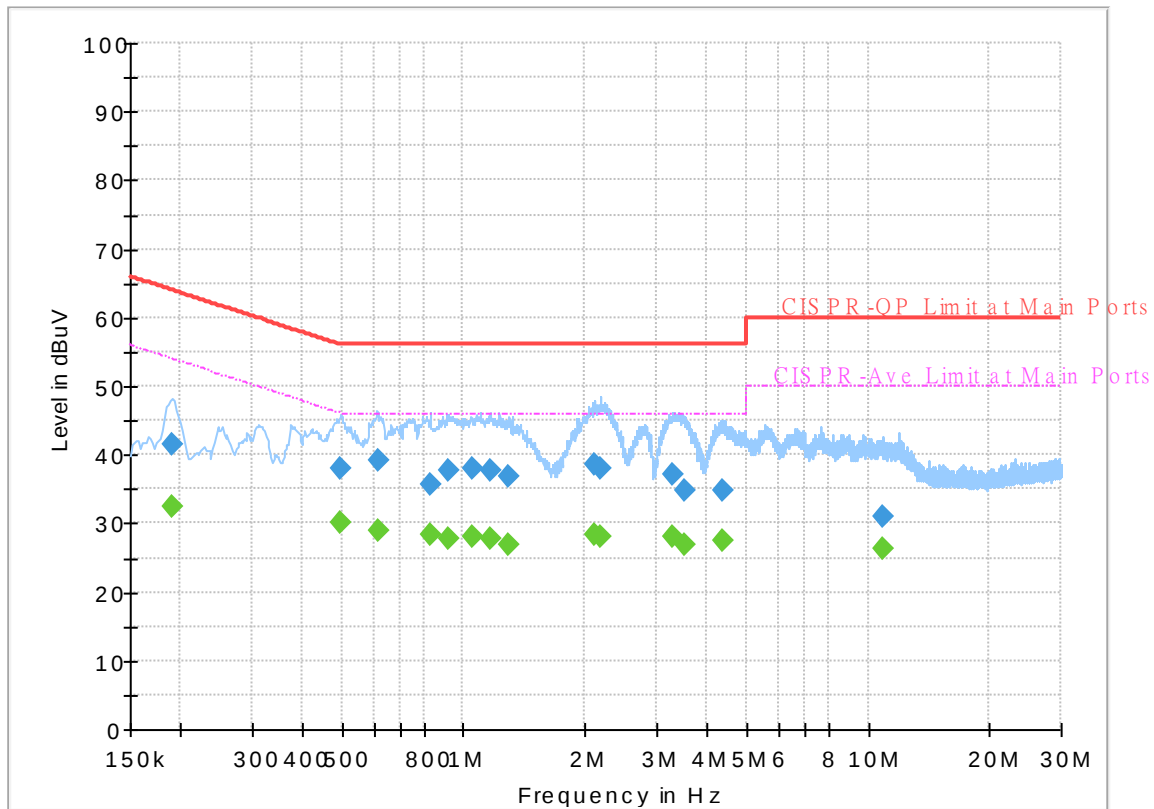
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	Temperature :	22~25℃
		Relative Humidity :	41~45%

EUT Information

Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

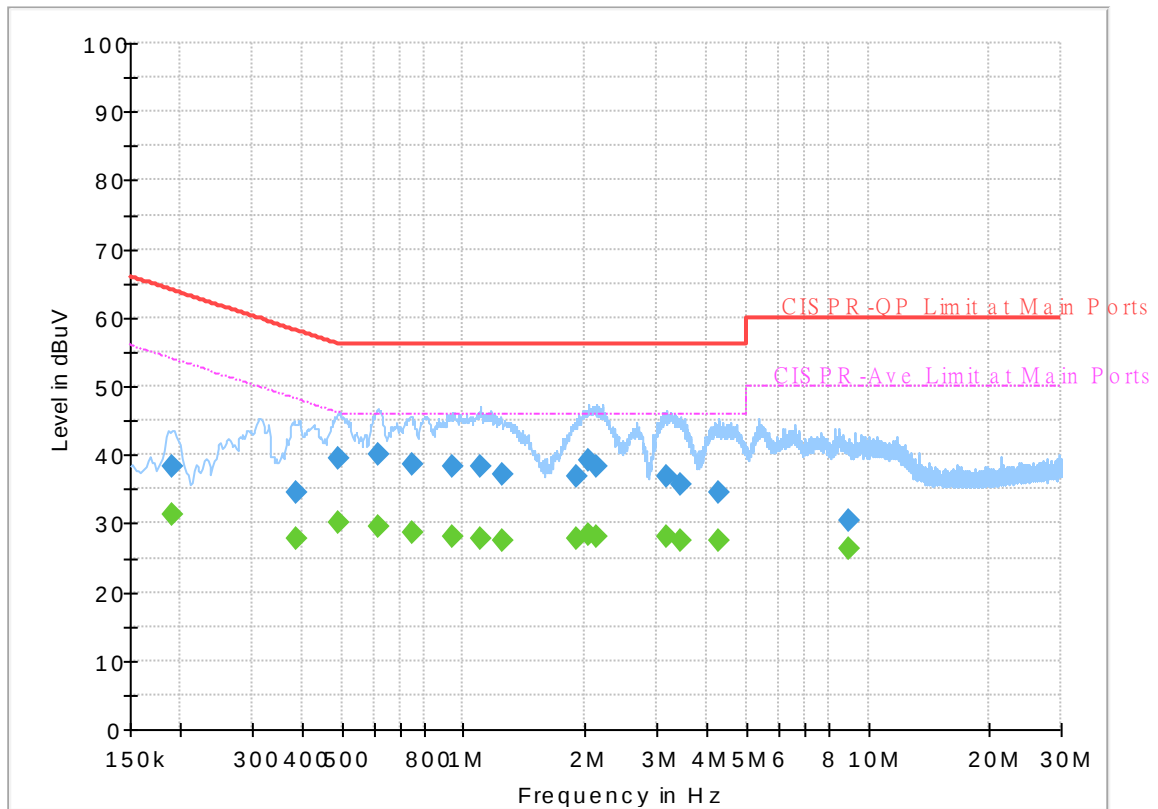
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.189600	---	32.45	54.05	21.60	L1	OFF	19.5
0.189600	41.48	---	64.05	22.57	L1	OFF	19.5
0.498660	---	30.08	46.02	15.94	L1	OFF	19.5
0.498660	37.96	---	56.02	18.06	L1	OFF	19.5
0.615750	---	28.81	46.00	17.19	L1	OFF	19.5
0.615750	39.20	---	56.00	16.80	L1	OFF	19.5
0.828240	---	28.27	46.00	17.73	L1	OFF	19.5
0.828240	35.81	---	56.00	20.19	L1	OFF	19.5
0.920040	---	27.73	46.00	18.27	L1	OFF	19.5
0.920040	37.68	---	56.00	18.32	L1	OFF	19.5
1.050000	---	28.16	46.00	17.84	L1	OFF	19.6
1.050000	38.14	---	56.00	17.86	L1	OFF	19.6
1.164390	---	27.77	46.00	18.23	L1	OFF	19.6
1.164390	37.82	---	56.00	18.18	L1	OFF	19.6
1.293000	---	26.87	46.00	19.13	L1	OFF	19.6
1.293000	36.76	---	56.00	19.24	L1	OFF	19.6
2.112000	---	28.45	46.00	17.55	L1	OFF	19.6
2.112000	38.51	---	56.00	17.49	L1	OFF	19.6
2.184000	---	27.99	46.00	18.01	L1	OFF	19.6
2.184000	38.05	---	56.00	17.95	L1	OFF	19.6
3.287940	---	28.18	46.00	17.82	L1	OFF	19.6

3.287940	37.28	---	56.00	18.72	L1	OFF	19.6
3.540750	---	26.96	46.00	19.04	L1	OFF	19.6
3.540750	34.77	---	56.00	21.23	L1	OFF	19.6
4.374330	---	27.50	46.00	18.50	L1	OFF	19.7
4.374330	34.79	---	56.00	21.21	L1	OFF	19.7
10.845240	---	26.33	50.00	23.67	L1	OFF	19.9
10.845240	30.95	---	60.00	29.05	L1	OFF	19.9

EUT Information

Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.190770	---	31.19	54.00	22.81	N	OFF	19.5
0.190770	38.29	---	64.00	25.71	N	OFF	19.5
0.386250	---	27.66	48.14	20.48	N	OFF	19.5
0.386250	34.60	---	58.14	23.54	N	OFF	19.5
0.492810	---	30.25	46.12	15.87	N	OFF	19.6
0.492810	39.46	---	56.12	16.66	N	OFF	19.6
0.618000	---	29.41	46.00	16.59	N	OFF	19.6
0.618000	40.08	---	56.00	15.92	N	OFF	19.6
0.747600	---	28.63	46.00	17.37	N	OFF	19.6
0.747600	38.45	---	56.00	17.55	N	OFF	19.6
0.936330	---	28.00	46.00	18.00	N	OFF	19.6
0.936330	38.24	---	56.00	17.76	N	OFF	19.6
1.100850	---	27.75	46.00	18.25	N	OFF	19.6
1.100850	38.41	---	56.00	17.59	N	OFF	19.6
1.243500	---	27.34	46.00	18.66	N	OFF	19.6
1.243500	37.08	---	56.00	18.92	N	OFF	19.6
1.911750	---	27.78	46.00	18.22	N	OFF	19.6
1.911750	36.81	---	56.00	19.19	N	OFF	19.6
2.040270	---	28.31	46.00	17.69	N	OFF	19.6
2.040270	39.09	---	56.00	16.91	N	OFF	19.6
2.123250	---	28.06	46.00	17.94	N	OFF	19.6

2.123250	38.25	---	56.00	17.75	N	OFF	19.6
3.175260	---	28.16	46.00	17.84	N	OFF	19.6
3.175260	36.83	---	56.00	19.17	N	OFF	19.6
3.426180	---	27.44	46.00	18.56	N	OFF	19.7
3.426180	35.74	---	56.00	20.26	N	OFF	19.7
4.293690	---	27.39	46.00	18.61	N	OFF	19.7
4.293690	34.38	---	56.00	21.62	N	OFF	19.7
9.006000	---	26.36	50.00	23.64	N	OFF	19.9
9.006000	30.42	---	60.00	29.58	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Jacky Hung, CR Liao and Andy Yang	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5143.26	68.05	-5.95	74	52.87	31.71	12.31	28.84	246	184	P	H
		5149.5	48.67	-5.33	54	33.5	31.7	12.32	28.85	246	184	A	H
	*	5180	111.64	-	-	96.57	31.58	12.36	28.87	246	184	P	H
	*	5180	104.18	-	-	89.11	31.58	12.36	28.87	246	184	A	H
													H
													H
		5146.38	72.16	-1.84	74	56.98	31.71	12.32	28.85	255	141	P	V
		5150	50.78	-3.22	54	35.61	31.7	12.32	28.85	255	141	A	V
	*	5180	115.78	-	-	100.71	31.58	12.36	28.87	255	141	P	V
	*	5180	108.41	-	-	93.34	31.58	12.36	28.87	255	141	A	V
													V
													V
802.11a CH 44 5220MHz		5068.12	54.12	-19.88	74	38.96	31.74	12.21	28.79	226	186	P	H
		5116.74	42.11	-11.89	54	26.89	31.77	12.28	28.83	226	186	A	H
	*	5220	111.5	-	-	96.57	31.42	12.41	28.9	226	186	P	H
	*	5220	104	-	-	89.07	31.42	12.41	28.9	226	186	A	H
		5456.64	55.36	-18.64	74	40.11	31.61	12.69	29.05	226	186	P	H
		5446.84	41.31	-12.69	54	26.09	31.59	12.67	29.04	226	186	A	H
		5092.3	54.66	-19.34	74	39.45	31.78	12.24	28.81	264	140	P	V
		5130.52	42.56	-11.44	54	27.36	31.74	12.3	28.84	264	140	A	V
	*	5220	116.26	-	-	101.33	31.42	12.41	28.9	264	140	P	V
	*	5220	108.75	-	-	93.82	31.42	12.41	28.9	264	140	A	V
		5377.4	53.34	-20.66	74	38.47	31.31	12.56	29	264	140	P	V
		5453.56	41.52	-12.48	54	26.28	31.61	12.68	29.05	264	140	A	V



802.11a CH 48 5240MHz		5100.88	54.12	-19.88	74	38.88	31.8	12.26	28.82	249	188	P	H
		5098.54	42.2	-11.8	54	26.97	31.8	12.25	28.82	249	188	A	H
	*	5240	111.9	-	-	97.04	31.34	12.43	28.91	249	188	P	H
	*	5240	104.42	-	-	89.56	31.34	12.43	28.91	249	188	A	H
		5361.44	52.97	-21.03	74	38.17	31.25	12.54	28.99	249	188	P	H
		5450.76	41.35	-12.65	54	26.12	31.6	12.68	29.05	249	188	A	H
		5052.78	56.2	-17.8	74	41.08	31.71	12.19	28.78	247	141	P	V
		5150	42.7	-11.3	54	27.53	31.7	12.32	28.85	247	141	A	V
	*	5240	116.81	-	-	101.95	31.34	12.43	28.91	247	141	P	V
	*	5240	109.28	-	-	94.42	31.34	12.43	28.91	247	141	A	V
		5427.52	54.55	-19.45	74	39.44	31.51	12.63	29.03	247	141	P	V
		5450.48	41.61	-12.39	54	26.38	31.6	12.68	29.05	247	141	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.46	-21.74	68.2	46.94	39.64	19.17	59.29	100	0	P	H
		15540	45.29	-28.71	74	42.92	37.94	24.38	59.95	100	0	P	H
													H
													H
		10360	46.22	-21.98	68.2	46.7	39.64	19.17	59.29	100	0	P	V
		15540	45.61	-28.39	74	43.24	37.94	24.38	59.95	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	45.83	-22.37	68.2	45.99	39.88	19.29	59.33	100	0	P	H
		15660	43.88	-30.12	74	41.92	37.46	24.38	59.88	100	0	P	H
													H
													H
		10440	46.19	-22.01	68.2	46.35	39.88	19.29	59.33	100	0	P	V
		15660	44.26	-29.74	74	42.3	37.46	24.38	59.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.05	-22.15	68.2	46.09	39.96	19.35	59.35	100	0	P	H
		15720	44.48	-29.52	74	42.65	37.3	24.37	59.84	100	0	P	H
													H
													H
		10480	45.65	-22.55	68.2	45.69	39.96	19.35	59.35	100	0	P	V
		15720	44.93	-29.07	74	43.1	37.3	24.37	59.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5147.16	67.33	-6.67	74	52.15	31.71	12.32	28.85	247	177	P	H
		5150	47.13	-6.87	54	31.96	31.7	12.32	28.85	247	177	A	H
	*	5180	110.95	-	-	95.88	31.58	12.36	28.87	247	177	P	H
	*	5180	102.66	-	-	87.59	31.58	12.36	28.87	247	177	A	H
													H
													H
		5148.2	72.38	-1.62	74	57.21	31.7	12.32	28.85	100	144	P	V
		5149.76	50.33	-3.67	54	35.16	31.7	12.32	28.85	100	144	A	V
	*	5180	114.95	-	-	99.88	31.58	12.36	28.87	100	144	P	V
	*	5180	106.85	-	-	91.78	31.58	12.36	28.87	100	144	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5090.48	55.02	-18.98	74	39.81	31.78	12.24	28.81	266	177	P	H
		5091.52	42.69	-11.31	54	27.48	31.78	12.24	28.81	266	177	A	H
	*	5220	112.03	-	-	97.1	31.42	12.41	28.9	266	177	P	H
	*	5220	103.8	-	-	88.87	31.42	12.41	28.9	266	177	A	H
		5410.72	53.81	-20.19	74	38.79	31.44	12.6	29.02	266	177	P	H
		5458.88	41.98	-12.02	54	26.72	31.62	12.69	29.05	266	177	A	H
		5147.16	56.85	-17.15	74	41.67	31.71	12.32	28.85	100	143	P	V
		5118.82	43.07	-10.93	54	27.86	31.76	12.28	28.83	100	143	A	V
	*	5220	116.21	-	-	101.28	31.42	12.41	28.9	100	143	P	V
	*	5220	108.32	-	-	93.39	31.42	12.41	28.9	100	143	A	V
		5415.76	53.71	-20.29	74	38.66	31.46	12.61	29.02	100	143	P	V
		5454.4	42.06	-11.94	54	26.82	31.61	12.68	29.05	100	143	A	V



802.11n HT20 CH 48 5240MHz		5106.08	54.13	-19.87	74	38.9	31.79	12.26	28.82	243	177	P	H
		5148.46	42.69	-11.31	54	27.52	31.7	12.32	28.85	243	177	A	H
	*	5240	112.03	-	-	97.17	31.34	12.43	28.91	243	177	P	H
	*	5240	104.33	-	-	89.47	31.34	12.43	28.91	243	177	A	H
		5412.4	53.86	-20.14	74	38.83	31.45	12.6	29.02	243	177	P	H
		5418	41.87	-12.13	54	26.82	31.47	12.61	29.03	243	177	A	H
		5136.76	54.69	-19.31	74	39.5	31.73	12.3	28.84	100	144	P	V
		5150	43.16	-10.84	54	27.99	31.7	12.32	28.85	100	144	A	V
	*	5240	116.15	-	-	101.29	31.34	12.43	28.91	100	144	P	V
	*	5240	108.15	-	-	93.29	31.34	12.43	28.91	100	144	A	V
		5417.72	53.97	-20.03	74	38.92	31.47	12.61	29.03	100	144	P	V
		5454.12	42.05	-11.95	54	26.81	31.61	12.68	29.05	100	144	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	47.57	-20.63	68.2	48.05	39.64	19.17	59.29	100	0	P	H
		15540	46.68	-27.32	74	44.31	37.94	24.38	59.95	100	0	P	H
													H
													H
		10360	47.24	-20.96	68.2	47.72	39.64	19.17	59.29	100	0	P	V
		15540	46.77	-27.23	74	44.4	37.94	24.38	59.95	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	47.38	-20.82	68.2	47.54	39.88	19.29	59.33	100	0	P	H
		15660	44.98	-29.02	74	43.02	37.46	24.38	59.88	100	0	P	H
													H
													H
		10440	47.55	-20.65	68.2	47.71	39.88	19.29	59.33	100	0	P	V
		15660	44.95	-29.05	74	42.99	37.46	24.38	59.88	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	48.51	-19.69	68.2	48.55	39.96	19.35	59.35	100	0	P	H
		15720	46.17	-27.83	74	44.34	37.3	24.37	59.84	100	0	P	H
													H
													H
		10480	48.13	-20.07	68.2	48.17	39.96	19.35	59.35	100	0	P	V
		15720	46.11	-27.89	74	44.28	37.3	24.37	59.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5147.68	63	-11	74	47.83	31.7	12.32	28.85	252	176	P	H
		5150	49.49	-4.51	54	34.32	31.7	12.32	28.85	252	176	A	H
	*	5190	107.35	-	-	92.31	31.54	12.38	28.88	252	176	P	H
	*	5190	98.7	-	-	83.66	31.54	12.38	28.88	252	176	A	H
		5399.8	53.86	-20.14	74	38.89	31.4	12.58	29.01	252	176	P	H
		5459.72	41.91	-12.09	54	26.65	31.62	12.69	29.05	252	176	A	H
		5146.9	65.78	-8.22	74	50.6	31.71	12.32	28.85	107	146	P	V
		5150	52.76	-1.24	54	37.59	31.7	12.32	28.85	107	146	A	V
	*	5190	110.29	-	-	95.25	31.54	12.38	28.88	107	146	P	V
	*	5190	102.58	-	-	87.54	31.54	12.38	28.88	107	146	A	V
		5385.52	54.42	-19.58	74	39.51	31.34	12.57	29	107	146	P	V
		5438.72	42.1	-11.9	54	26.94	31.55	12.65	29.04	107	146	A	V
802.11n HT40 CH 46 5230MHz		5136.24	60.53	-13.47	74	45.34	31.73	12.3	28.84	242	178	P	H
		5150	44.47	-9.53	54	29.3	31.7	12.32	28.85	242	178	A	H
	*	5230	109.31	-	-	94.41	31.38	12.42	28.9	242	178	P	H
	*	5230	101.7	-	-	86.8	31.38	12.42	28.9	242	178	A	H
		5385.24	53.43	-20.57	74	38.52	31.34	12.57	29	242	178	P	H
		5455.8	41.97	-12.03	54	26.72	31.61	12.69	29.05	242	178	A	H
		5147.68	63.51	-10.49	74	48.34	31.7	12.32	28.85	100	143	P	V
		5150	45.81	-8.19	54	30.64	31.7	12.32	28.85	100	143	A	V
	*	5230	113.92	-	-	99.02	31.38	12.42	28.9	100	143	P	V
	*	5230	105.35	-	-	90.45	31.38	12.42	28.9	100	143	A	V
		5357.52	54.35	-19.65	74	39.57	31.23	12.54	28.99	100	143	P	V
		5453	42.11	-11.89	54	26.87	31.61	12.68	29.05	100	143	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	48.54	-19.66	68.2	48.92	39.72	19.2	59.3	100	0	P	H
		15570	46.06	-27.94	74	43.8	37.82	24.38	59.94	100	0	P	H
													H
													H
		10380	47.61	-20.59	68.2	47.99	39.72	19.2	59.3	100	0	P	V
		15570	45.34	-28.66	74	43.08	37.82	24.38	59.94	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	47.54	-20.66	68.2	47.64	39.92	19.32	59.34	100	0	P	H
		15690	45.52	-28.48	74	43.67	37.34	24.37	59.86	100	0	P	H
													H
													H
		10460	48.17	-20.03	68.2	48.27	39.92	19.32	59.34	100	0	P	V
		15690	45.46	-28.54	74	43.61	37.34	24.37	59.86	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5140.92	64.36	-9.64	74	49.17	31.72	12.31	28.84	245	177	P	H
		5149.76	48.37	-5.63	54	33.2	31.7	12.32	28.85	245	177	A	H
	*	5210	103.43	-	-	88.46	31.46	12.4	28.89	245	177	P	H
	*	5210	95.23	-	-	80.26	31.46	12.4	28.89	245	177	A	H
		5421.64	52.89	-21.11	74	37.81	31.49	12.62	29.03	245	177	P	H
		5456.64	41.46	-12.54	54	26.21	31.61	12.69	29.05	245	177	A	H
		5145.86	68.8	-5.2	74	53.62	31.71	12.32	28.85	100	144	P	V
		5150	51.77	-2.23	54	36.6	31.7	12.32	28.85	100	144	A	V
	*	5210	107.58	-	-	92.61	31.46	12.4	28.89	100	144	P	V
	*	5210	99.38	-	-	84.41	31.46	12.4	28.89	100	144	A	V
		5416.32	52.65	-21.35	74	37.59	31.47	12.61	29.02	100	144	P	V
		5456.08	41.58	-12.42	54	26.33	31.61	12.69	29.05	100	144	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	47.09	-21.11	68.2	47.31	39.84	19.26	59.32	100	0	P	H
		15630	46.11	-27.89	74	44.06	37.58	24.37	59.9	100	0	P	H
													H
													H
		10420	46.9	-21.3	68.2	47.12	39.84	19.26	59.32	100	0	P	V
		15630	46.66	-27.34	74	44.61	37.58	24.37	59.9	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 36 5180MHz		5148.2	67.62	-6.38	74	52.45	31.7	12.32	28.85	252	176	P	H
		5149.24	46.89	-7.11	54	31.72	31.7	12.32	28.85	252	176	A	H
	*	5180	113.7	-	-	98.63	31.58	12.36	28.87	252	176	P	H
	*	5180	102.47	-	-	87.4	31.58	12.36	28.87	252	176	A	H
													H
													H
		5147.68	71.68	-2.32	74	56.51	31.7	12.32	28.85	101	144	P	V
		5146.38	50.65	-3.35	54	35.47	31.71	12.32	28.85	101	144	A	V
	*	5180	117.87	-	-	102.8	31.58	12.36	28.87	101	144	P	V
	*	5180	106.7	-	-	91.63	31.58	12.36	28.87	101	144	A	V
													V
													V
802.11ax HE20 Full CH 44 5220MHz		5093.34	54.46	-19.54	74	39.23	31.79	12.25	28.81	252	177	P	H
		5099.06	42.69	-11.31	54	27.46	31.8	12.25	28.82	252	177	A	H
	*	5220	115.5	-	-	100.57	31.42	12.41	28.9	252	177	P	H
	*	5220	104.08	-	-	89.15	31.42	12.41	28.9	252	177	A	H
		5440.4	53.81	-20.19	74	38.63	31.56	12.66	29.04	252	177	P	H
		5439.84	41.89	-12.11	54	26.71	31.56	12.66	29.04	252	177	A	H
		5133.38	54.32	-19.68	74	39.13	31.73	12.3	28.84	100	144	P	V
		5085.02	42.93	-11.07	54	27.74	31.77	12.23	28.81	100	144	A	V
	*	5220	118.87	-	-	103.94	31.42	12.41	28.9	100	144	P	V
	*	5220	108	-	-	93.07	31.42	12.41	28.9	100	144	A	V
		5451.04	53.88	-20.12	74	38.65	31.6	12.68	29.05	100	144	P	V
		5452.16	42.07	-11.93	54	26.84	31.6	12.68	29.05	100	144	A	V



802.11ax HE20 Full CH 48 5240MHz		5100.36	54.93	-19.07	74	39.69	31.8	12.26	28.82	243	177	P	H
		5081.12	42.64	-11.36	54	27.45	31.76	12.23	28.8	243	177	A	H
	*	5240	115.2	-	-	100.34	31.34	12.43	28.91	243	177	P	H
	*	5240	104.18	-	-	89.32	31.34	12.43	28.91	243	177	A	H
		5384.4	53.78	-20.22	74	38.87	31.34	12.57	29	243	177	P	H
		5446.56	41.96	-12.04	54	26.74	31.59	12.67	29.04	243	177	A	H
		5111.02	54.18	-19.82	74	38.95	31.78	12.27	28.82	100	144	P	V
		5094.9	42.96	-11.04	54	27.73	31.79	12.25	28.81	100	144	A	V
	*	5240	119.12	-	-	104.26	31.34	12.43	28.91	100	144	P	V
	*	5240	107.91	-	-	93.05	31.34	12.43	28.91	100	144	A	V
		5383.84	53.64	-20.36	74	38.74	31.34	12.56	29	100	144	P	V
		5451.04	42.12	-11.88	54	26.89	31.6	12.68	29.05	100	144	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		10360	46.88	-21.32	68.2	47.36	39.64	19.17	59.29	100	0	P	H
		15540	46.63	-27.37	74	44.26	37.94	24.38	59.95	100	0	P	H
													H
													H
		10360	46.95	-21.25	68.2	47.43	39.64	19.17	59.29	100	0	P	V
		15540	47.49	-26.51	74	45.12	37.94	24.38	59.95	100	0	P	V
													V
													V
802.11ax HE20 Full CH 44 5220MHz		10440	46.79	-21.41	68.2	46.95	39.88	19.29	59.33	100	0	P	H
		15660	45.11	-28.89	74	43.15	37.46	24.38	59.88	100	0	P	H
													H
													H
		10440	47.12	-21.08	68.2	47.28	39.88	19.29	59.33	100	0	P	V
		15660	45.79	-28.21	74	43.83	37.46	24.38	59.88	100	0	P	V
													V
													V
802.11ax HE20 Full CH 48 5240MHz		10480	48.46	-19.74	68.2	48.5	39.96	19.35	59.35	100	0	P	H
		15720	46.48	-27.52	74	44.65	37.3	24.37	59.84	100	0	P	H
													H
													H
		10480	48.32	-19.88	68.2	48.36	39.96	19.35	59.35	100	0	P	V
		15720	46.1	-27.9	74	44.27	37.3	24.37	59.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5145.08	65.86	-8.14	74	50.68	31.71	12.32	28.85	243	175	P	H
		5124.02	47.03	-6.97	54	31.82	31.75	12.29	28.83	243	175	A	H
	*	5180	120.86	-	-	105.79	31.58	12.36	28.87	243	175	P	H
	*	5180	111.69	-	-	96.62	31.58	12.36	28.87	243	175	A	H
													H
													H
		5015.6	70.27	-3.73	74	55.33	31.56	12.14	28.76	237	149	P	V
		5147.42	50.93	-3.07	54	35.75	31.71	12.32	28.85	237	149	A	V
	*	5180	123.68	-	-	108.61	31.58	12.36	28.87	237	149	P	V
	*	5180	114.99	-	-	99.92	31.58	12.36	28.87	237	149	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		10360	47.45	-20.75	68.2	47.93	39.64	19.17	59.29	100	0	P	H
		15540	45.9	-28.1	74	43.53	37.94	24.38	59.95	100	0	P	H
													H
													H
		10360	47.42	-20.78	68.2	47.9	39.64	19.17	59.29	100	0	P	V
		15540	46.29	-27.71	74	43.92	37.94	24.38	59.95	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5150	63.77	-10.23	74	48.6	31.7	12.32	28.85	251	175	P	H
		5110.76	49.35	-4.65	54	34.12	31.78	12.27	28.82	251	175	A	H
	*	5180	117.3	-	-	102.23	31.58	12.36	28.87	251	175	P	H
	*	5180	108.62	-	-	93.55	31.58	12.36	28.87	251	175	A	H
													H
													H
		5149.5	64.11	-9.89	74	48.94	31.7	12.32	28.85	231	145	P	V
		5150	50.84	-3.16	54	35.67	31.7	12.32	28.85	231	145	A	V
	*	5180	119.39	-	-	104.32	31.58	12.36	28.87	231	145	P	V
	*	5180	112.04	-	-	96.97	31.58	12.36	28.87	231	145	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ax HE20 Partial 52 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		10360	48.19	-20.01	68.2	48.67	39.64	19.17	59.29	100	0	P	H
		15540	47.76	-26.24	74	45.39	37.94	24.38	59.95	100	0	P	H
													H
													H
		10360	47.53	-20.67	68.2	48.01	39.64	19.17	59.29	100	0	P	V
		15540	47.63	-26.37	74	45.26	37.94	24.38	59.95	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5150	60.29	-13.71	74	45.12	31.7	12.32	28.85	247	177	P	H
		5149.76	49.27	-4.73	54	34.1	31.7	12.32	28.85	247	177	A	H
	*	5180	115.07	-	-	100	31.58	12.36	28.87	247	177	P	H
	*	5180	107.52	-	-	92.45	31.58	12.36	28.87	247	177	A	H
													H
													H
		5149.76	62.05	-11.95	74	46.88	31.7	12.32	28.85	259	151	P	V
		5150	51.23	-2.77	54	36.06	31.7	12.32	28.85	259	151	A	V
	*	5180	119.05	-	-	103.98	31.58	12.36	28.87	259	151	P	V
	*	5180	111.06	-	-	95.99	31.58	12.36	28.87	259	151	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		10360	47.81	-20.39	68.2	48.29	39.64	19.17	59.29	100	0	P	H
		15540	46.69	-27.31	74	44.32	37.94	24.38	59.95	100	0	P	H
													H
													H
		10360	47.47	-20.73	68.2	47.95	39.64	19.17	59.29	100	0	P	V
		15540	46.86	-27.14	74	44.49	37.94	24.38	59.95	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5142.74	64.35	-9.65	74	49.17	31.71	12.31	28.84	252	177	P	H
		5149.76	49.17	-4.83	54	34	31.7	12.32	28.85	252	177	A	H
	*	5190	109.38	-	-	94.34	31.54	12.38	28.88	252	177	P	H
	*	5190	99.81	-	-	84.77	31.54	12.38	28.88	252	177	A	H
		5452.16	54.08	-19.92	74	38.85	31.6	12.68	29.05	252	177	P	H
		5449.36	42.59	-11.41	54	27.37	31.6	12.67	29.05	252	177	A	H
		5149.5	70.98	-3.02	74	55.81	31.7	12.32	28.85	221	149	P	V
		5149.76	52.32	-1.68	54	37.15	31.7	12.32	28.85	221	149	A	V
	*	5190	112.69	-	-	97.65	31.54	12.38	28.88	221	149	P	V
	*	5190	103.5	-	-	88.46	31.54	12.38	28.88	221	149	A	V
		5436.48	53.71	-20.29	74	38.55	31.55	12.65	29.04	221	149	P	V
		5439.56	42.43	-11.57	54	27.25	31.56	12.66	29.04	221	149	A	V
802.11ax HE40 Full CH 46 5230MHz		5138.06	60.58	-13.42	74	45.39	31.72	12.31	28.84	243	177	P	H
		5150	45.31	-8.69	54	30.14	31.7	12.32	28.85	243	177	A	H
	*	5230	110.56	-	-	95.66	31.38	12.42	28.9	243	177	P	H
	*	5230	102.35	-	-	87.45	31.38	12.42	28.9	243	177	A	H
		5421.92	54.29	-19.71	74	39.21	31.49	12.62	29.03	243	177	P	H
		5458.04	42.91	-11.09	54	27.65	31.62	12.69	29.05	243	177	A	H
		5145.08	61.73	-12.27	74	46.55	31.71	12.32	28.85	230	151	P	V
		5148.46	46.96	-7.04	54	31.79	31.7	12.32	28.85	230	151	A	V
	*	5230	115.2	-	-	100.3	31.38	12.42	28.9	230	151	P	V
	*	5230	106.17	-	-	91.27	31.38	12.42	28.9	230	151	A	V
		5459.16	54.37	-19.63	74	39.11	31.62	12.69	29.05	230	151	P	V
		5437.32	42.9	-11.1	54	27.74	31.55	12.65	29.04	230	151	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		10380	47.3	-20.9	68.2	47.68	39.72	19.2	59.3	100	0	P	H
		15570	45.83	-28.17	74	43.57	37.82	24.38	59.94	100	0	P	H
													H
													H
		10380	47.23	-20.97	68.2	47.61	39.72	19.2	59.3	100	0	P	V
		15570	45.23	-28.77	74	42.97	37.82	24.38	59.94	100	0	P	V
													V
													V
802.11ax HE40 Full CH 46 5230MHz		10460	47.02	-21.18	68.2	47.12	39.92	19.32	59.34	100	0	P	H
		15690	46.37	-27.63	74	44.52	37.34	24.37	59.86	100	0	P	H
													H
													H
		10460	47.22	-20.98	68.2	47.32	39.92	19.32	59.34	100	0	P	V
		15690	45.42	-28.58	74	43.57	37.34	24.37	59.86	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5148.2	57.81	-16.19	74	42.64	31.7	12.32	28.85	233	174	P	H
		5148.72	47.14	-6.86	54	31.97	31.7	12.32	28.85	233	174	A	H
	*	5190	107.88	-	-	92.84	31.54	12.38	28.88	233	174	P	H
	*	5190	97.62	-	-	82.58	31.54	12.38	28.88	233	174	A	H
		5449.64	54.09	-19.91	74	38.87	31.6	12.67	29.05	233	174	P	H
		5443.76	45.33	-8.67	54	30.13	31.58	12.66	29.04	233	174	A	H
		5148.46	60	-14	74	44.83	31.7	12.32	28.85	100	143	P	V
		5147.42	50.45	-3.55	54	35.27	31.71	12.32	28.85	100	143	A	V
	*	5190	110.21	-	-	95.17	31.54	12.38	28.88	100	143	P	V
	*	5190	101.54	-	-	86.5	31.54	12.38	28.88	100	143	A	V
		5354.72	54.06	-19.94	74	39.28	31.22	12.54	28.98	100	143	P	V
		5436.48	45.65	-8.35	54	30.49	31.55	12.65	29.04	100	143	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		10380	47.32	-20.88	68.2	47.7	39.72	19.2	59.3	100	0	P	H
		15570	45.89	-28.11	74	43.63	37.82	24.38	59.94	100	0	P	H
													H
													H
		10380	48.04	-20.16	68.2	48.42	39.72	19.2	59.3	100	0	P	V
		15570	46.51	-27.49	74	44.25	37.82	24.38	59.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5148.46	64.48	-9.52	74	49.31	31.7	12.32	28.85	254	178	P	H
		5148.72	50.47	-3.53	54	35.3	31.7	12.32	28.85	254	178	A	H
	*	5210	106.69	-	-	91.72	31.46	12.4	28.89	254	178	P	H
	*	5210	96.39	-	-	81.42	31.46	12.4	28.89	254	178	A	H
		5432	54.53	-19.47	74	39.4	31.53	12.64	29.04	254	178	P	H
		5453.56	42.96	-11.04	54	27.72	31.61	12.68	29.05	254	178	A	H
		5131.82	70.38	-3.62	74	55.18	31.74	12.3	28.84	225	148	P	V
		5148.72	52.78	-1.22	54	37.61	31.7	12.32	28.85	225	148	A	V
	*	5210	109.76	-	-	94.79	31.46	12.4	28.89	225	148	P	V
	*	5210	100.32	-	-	85.35	31.46	12.4	28.89	225	148	A	V
		5361.72	55.82	-18.18	74	41.02	31.25	12.54	28.99	225	148	P	V
		5433.96	43.05	-10.95	54	27.91	31.54	12.64	29.04	225	148	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		10420	47.13	-21.07	68.2	47.35	39.84	19.26	59.32	100	0	P	H
		15630	45.43	-28.57	74	43.38	37.58	24.37	59.9	100	0	P	H
													H
													H
		10420	47.11	-21.09	68.2	47.33	39.84	19.26	59.32	100	0	P	V
		15630	45.02	-28.98	74	42.97	37.58	24.37	59.9	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/61 CH 42 5210MHz		5145.08	59.75	-14.25	74	44.57	31.71	12.32	28.85	270	174	P	H
		5144.3	49.79	-4.21	54	34.62	31.71	12.31	28.85	270	174	A	H
	*	5210	109.02	-	-	94.05	31.46	12.4	28.89	270	174	P	H
	*	5210	100.55	-	-	85.58	31.46	12.4	28.89	270	174	A	H
		5376.28	53.57	-20.43	74	38.7	31.31	12.56	29	270	174	P	H
		5459.72	45.52	-8.48	54	30.26	31.62	12.69	29.05	270	174	A	H
		5120.64	62.67	-11.33	74	47.46	31.76	12.28	28.83	100	143	P	V
		5120.12	52.61	-1.39	54	37.4	31.76	12.28	28.83	100	143	A	V
	*	5210	111.95	-	-	96.98	31.46	12.4	28.89	100	143	P	V
	*	5210	103.4	-	-	88.43	31.46	12.4	28.89	100	143	A	V
		5361.72	53.95	-20.05	74	39.15	31.25	12.54	28.99	100	143	P	V
		5360.6	46.46	-7.54	54	31.67	31.24	12.54	28.99	100	143	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ax HE80 Partial 242 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/61 CH 42 5210MHz		10420	47.39	-20.81	68.2	47.61	39.84	19.26	59.32	100	0	P	H
		15630	45.46	-28.54	74	43.41	37.58	24.37	59.9	100	0	P	H
													H
													H
		10420	47.27	-20.93	68.2	47.49	39.84	19.26	59.32	100	0	P	V
		15630	45.39	-28.61	74	43.34	37.58	24.37	59.9	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full LF		191.99	35.64	-7.86	43.5	50.91	14.71	2.33	32.31	100	0	P	H
		294.81	29.68	-16.32	46	39.91	19.21	2.92	32.36	-	-	P	H
		471.35	29.82	-16.18	46	34.78	23.53	3.63	32.12	-	-	P	H
		651.77	37.13	-8.87	46	38.56	26.35	4.26	32.04	-	-	P	H
		729.37	36.18	-9.82	46	36.34	27.54	4.51	32.21	-	-	P	H
		870.02	32.39	-13.61	46	30.48	29.04	4.92	32.05	-	-	P	H
													H
													H
													H
													H
													H
													H
		189.08	33.68	-9.82	43.5	48.97	14.71	2.31	32.31	100	0	P	V
		379.2	30.72	-15.28	46	38.6	21.07	3.28	32.23	-	-	P	V
		460.68	27.99	-18.01	46	33.13	23.39	3.6	32.13	-	-	P	V
		576.11	30.21	-15.79	46	32.35	25.79	4.03	31.96	-	-	P	V
		729.37	34.25	-11.75	46	34.41	27.54	4.51	32.21	-	-	P	V
		861.29	32.76	-13.24	46	30.9	29.05	4.9	32.09	-	-	P	V
													V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	21~24°C
		Relative Humidity :	53~62%

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5061.25	49.67	-24.33	74	39.77	34.17	11.18	35.45	179	359	P	H
		5109.9	39.02	-14.98	54	28.88	34.33	11.24	35.43	179	359	A	H
	*	5260	113.62	-	-	103.05	34.57	11.38	35.38	179	359	P	H
	*	5260	106	-	-	95.43	34.57	11.38	35.38	179	359	A	H
		5352.24	48.96	-25.04	74	38.32	34.5	11.49	35.35	179	359	P	H
		5458.32	39.29	-14.71	54	28.34	34.7	11.56	35.31	179	359	A	H
		5148.05	49.84	-24.16	74	39.57	34.4	11.29	35.42	271	319	P	V
		5122.5	39.84	-14.16	54	29.7	34.33	11.24	35.43	271	319	A	V
	*	5260	116.8	-	-	106.23	34.57	11.38	35.38	271	319	P	V
	*	5260	109.37	-	-	98.8	34.57	11.38	35.38	271	319	A	V
		5368.8	49.61	-24.39	74	38.89	34.57	11.49	35.34	271	319	P	V
		5363.76	39.97	-14.03	54	29.26	34.57	11.49	35.35	271	319	A	V
802.11a CH 60 5300MHz		5093.45	48.58	-25.42	74	38.54	34.3	11.18	35.44	205	359	P	H
		5150	39.51	-14.49	54	29.24	34.4	11.29	35.42	205	359	A	H
	*	5300	114.49	-	-	103.74	34.7	11.42	35.37	205	359	P	H
	*	5300	106.82	-	-	96.07	34.7	11.42	35.37	205	359	A	H
		5351.76	50.36	-23.64	74	39.72	34.5	11.49	35.35	205	359	P	H
		5350.32	40.32	-13.68	54	29.68	34.5	11.49	35.35	205	359	A	H
		5050.4	49.03	-24.97	74	39.25	34.1	11.13	35.45	288	319	P	V
		5114.45	40.28	-13.72	54	30.14	34.33	11.24	35.43	288	319	A	V
	*	5300	116.8	-	-	106.05	34.7	11.42	35.37	288	319	P	V
	*	5300	109.3	-	-	98.55	34.7	11.42	35.37	288	319	A	V
		5352.48	59.76	-14.24	74	49.12	34.5	11.49	35.35	288	319	P	V
		5352.48	41.4	-12.6	54	30.76	34.5	11.49	35.35	288	319	A	V



802.11a CH 64 5320MHz	*	5320	114.08	-	-	103.36	34.63	11.45	35.36	218	357	P	H
	*	5320	106.43	-	-	95.71	34.63	11.45	35.36	218	357	A	H
		5354.72	63.6	-10.4	74	52.96	34.5	11.49	35.35	218	357	P	H
		5350.4	50.64	-3.36	54	40	34.5	11.49	35.35	218	357	A	H
													H
													H
	*	5320	116.71	-	-	105.99	34.63	11.45	35.36	281	317	P	V
	*	5320	109.19	-	-	98.47	34.63	11.45	35.36	281	317	A	V
		5352.64	72.15	-1.85	74	61.51	34.5	11.49	35.35	281	317	P	V
		5350.08	50.99	-3.01	54	40.35	34.5	11.49	35.35	281	317	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	49.25	-18.95	68.2	53.14	37.6	17.96	59.45	100	0	P	H
		15780	51.72	-22.28	74	46.94	40.53	21.13	56.88	100	0	P	H
		15780	41.76	-12.24	54	36.98	40.53	21.13	56.88	100	0	A	H
													H
		10520	47.84	-20.36	68.2	51.73	37.6	17.96	59.45	100	0	P	V
		15780	52.01	-21.99	74	47.23	40.53	21.13	56.88	100	0	P	V
		15780	41.84	-12.16	54	37.06	40.53	21.13	56.88	100	0	A	V
													V
802.11a CH 60 5300MHz		10600	49.23	-24.77	74	52.89	37.6	17.99	59.25	100	0	P	H
		15900	50.57	-23.43	74	45.63	40.8	21.2	57.06	100	0	P	H
		15900	41.78	-12.22	54	36.84	40.8	21.2	57.06	100	0	A	H
													H
		10600	49.58	-24.42	74	53.24	37.6	17.99	59.25	100	0	P	V
		15900	51.13	-22.87	74	46.19	40.8	21.2	57.06	100	0	P	V
		15900	41.94	-12.06	54	37	40.8	21.2	57.06	100	0	A	V
													V
802.11a CH 64 5320MHz		10640	49.26	-24.74	74	52.79	37.63	18.01	59.17	100	0	P	H
		15960	52	-22	74	47.13	40.8	21.24	57.17	100	0	P	H
		15960	41.82	-12.18	54	36.95	40.8	21.24	57.17	100	0	A	H
													H
		10640	48.86	-25.14	74	52.39	37.63	18.01	59.17	100	0	P	V
		15960	52.33	-21.67	74	47.46	40.8	21.24	57.17	100	0	P	V
		15960	41.95	-12.05	54	37.08	40.8	21.24	57.17	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5066.85	48.89	-25.11	74	38.99	34.17	11.18	35.45	234	358	P	H
		5123.2	39.49	-14.51	54	29.31	34.37	11.24	35.43	234	358	A	H
	*	5260	114.26	-	-	103.69	34.57	11.38	35.38	234	358	P	H
	*	5260	106.64	-	-	96.07	34.57	11.38	35.38	234	358	A	H
		5354.16	49.23	-24.77	74	38.59	34.5	11.49	35.35	234	358	P	H
		5361.12	39.88	-14.12	54	29.17	34.57	11.49	35.35	234	358	A	H
		5108.15	49.13	-24.87	74	38.99	34.33	11.24	35.43	229	335	P	V
		5123.55	39.89	-14.11	54	29.71	34.37	11.24	35.43	229	335	A	V
	*	5260	115.32	-	-	104.75	34.57	11.38	35.38	229	335	P	V
	*	5260	107.86	-	-	97.29	34.57	11.38	35.38	229	335	A	V
		5388	49.39	-24.61	74	38.57	34.63	11.53	35.34	229	335	P	V
		5361.6	40.16	-13.84	54	29.45	34.57	11.49	35.35	229	335	A	V
802.11n HT20 CH 60 5300MHz		5126.7	49.31	-24.69	74	39.13	34.37	11.24	35.43	256	357	P	H
		5149.8	39.69	-14.31	54	29.42	34.4	11.29	35.42	256	357	A	H
	*	5300	114.2	-	-	103.45	34.7	11.42	35.37	256	357	P	H
	*	5300	106.18	-	-	95.43	34.7	11.42	35.37	256	357	A	H
		5351.28	58.09	-15.91	74	47.45	34.5	11.49	35.35	256	357	P	H
		5350.32	42.1	-11.9	54	31.46	34.5	11.49	35.35	256	357	A	H
		5112.7	50.14	-23.86	74	40	34.33	11.24	35.43	232	0	P	V
		5149.1	39.7	-14.3	54	29.43	34.4	11.29	35.42	232	0	A	V
	*	5300	115.36	-	-	104.61	34.7	11.42	35.37	232	0	P	V
	*	5300	107.6	-	-	96.85	34.7	11.42	35.37	232	0	A	V
		5357.52	56.51	-17.49	74	45.87	34.5	11.49	35.35	232	0	P	V
		5350.08	43.2	-10.8	54	32.56	34.5	11.49	35.35	232	0	A	V



802.11n HT20 CH 64 5320MHz	*	5320	113.05	-	-	102.33	34.63	11.45	35.36	253	357	P	H
	*	5320	105.28	-	-	94.56	34.63	11.45	35.36	253	357	A	H
		5350.08	66.3	-7.7	74	55.66	34.5	11.49	35.35	253	357	P	H
		5350.56	50.82	-3.18	54	40.18	34.5	11.49	35.35	253	357	A	H
													H
													H
	*	5320	114.53	-	-	103.81	34.63	11.45	35.36	246	0	P	V
	*	5320	107.12	-	-	96.4	34.63	11.45	35.36	246	0	A	V
		5350.08	72.51	-1.49	74	61.87	34.5	11.49	35.35	246	0	P	V
		5350.24	52.53	-1.47	54	41.89	34.5	11.49	35.35	246	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	48.41	-19.79	68.2	52.3	37.6	17.96	59.45	100	0	P	H
		15780	52.16	-21.84	74	47.38	40.53	21.13	56.88	100	0	P	H
		15780	41.91	-12.09	54	37.13	40.53	21.13	56.88	100	0	A	H
													H
		10520	48.14	-20.06	68.2	52.03	37.6	17.96	59.45	100	0	P	V
		15780	51.75	-22.25	74	46.97	40.53	21.13	56.88	100	0	P	V
		15780	41.87	-12.13	54	37.09	40.53	21.13	56.88	100	0	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	49.44	-24.56	74	53.1	37.6	17.99	59.25	100	0	P	H
		15900	50.31	-23.69	74	45.37	40.8	21.2	57.06	100	0	P	H
		15900	41.81	-12.19	54	36.87	40.8	21.2	57.06	100	0	A	H
													H
		10600	48.78	-25.22	74	52.44	37.6	17.99	59.25	100	0	P	V
		15900	50.91	-23.09	74	45.97	40.8	21.2	57.06	100	0	P	V
		15900	41.94	-12.06	54	37	40.8	21.2	57.06	100	0	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	48.65	-25.35	74	52.18	37.63	18.01	59.17	100	0	P	H
		15960	51.72	-22.28	74	46.85	40.8	21.24	57.17	100	0	P	H
		15960	41.77	-12.23	54	36.9	40.8	21.24	57.17	100	0	A	H
													H
		10640	48.16	-25.84	74	51.69	37.63	18.01	59.17	100	0	P	V
		15960	50.8	-23.2	74	45.93	40.8	21.24	57.17	100	0	P	V
		15960	41.66	-12.34	54	36.79	40.8	21.24	57.17	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5082.95	49.62	-24.38	74	39.65	34.23	11.18	35.44	242	357	P	H
		5140.7	39.58	-14.42	54	29.31	34.4	11.29	35.42	242	357	A	H
	*	5270	111.12	-	-	100.51	34.57	11.42	35.38	242	357	P	H
	*	5270	103.33	-	-	92.72	34.57	11.42	35.38	242	357	A	H
		5352.72	59.36	-14.64	74	48.72	34.5	11.49	35.35	242	357	P	H
		5351.28	41.64	-12.36	54	31	34.5	11.49	35.35	242	357	A	H
		5102.9	49.08	-24.92	74	38.98	34.3	11.24	35.44	226	334	P	V
		5142.8	40.03	-13.97	54	29.76	34.4	11.29	35.42	226	334	A	V
	*	5270	112.2	-	-	101.59	34.57	11.42	35.38	226	334	P	V
	*	5270	104.63	-	-	94.02	34.57	11.42	35.38	226	334	A	V
		5352.96	53.89	-20.11	74	43.25	34.5	11.49	35.35	226	334	P	V
		5350.08	41.86	-12.14	54	31.22	34.5	11.49	35.35	226	334	A	V
802.11n HT40 CH 62 5310MHz		5083.65	49.91	-24.09	74	39.94	34.23	11.18	35.44	233	358	P	H
		5130.9	39.33	-14.67	54	29.15	34.37	11.24	35.43	233	358	A	H
	*	5310	107.34	-	-	96.62	34.63	11.45	35.36	233	358	P	H
	*	5310	99.83	-	-	89.11	34.63	11.45	35.36	233	358	A	H
		5354.88	62.59	-11.41	74	51.95	34.5	11.49	35.35	233	358	P	H
		5350.08	50.83	-3.17	54	40.19	34.5	11.49	35.35	233	358	A	H
		5113.4	48.63	-25.37	74	38.49	34.33	11.24	35.43	244	0	P	V
		5148.75	39.38	-14.62	54	29.11	34.4	11.29	35.42	244	0	A	V
	*	5310	108.61	-	-	97.89	34.63	11.45	35.36	244	0	P	V
	*	5310	100.99	-	-	90.27	34.63	11.45	35.36	244	0	A	V
		5350.32	64.03	-9.97	74	53.39	34.5	11.49	35.35	244	0	P	V
		5350.08	52.28	-1.72	54	41.64	34.5	11.49	35.35	244	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	48.56	-19.64	68.2	52.41	37.6	17.96	59.41	100	0	P	H
		15810	50.92	-23.08	74	46.21	40.5	21.15	56.94	100	0	P	H
		15810	41.58	-12.42	54	36.87	40.5	21.15	56.94	100	0	A	H
													H
		10540	49.11	-19.09	68.2	52.96	37.6	17.96	59.41	100	0	P	V
		15810	51.21	-22.79	74	46.5	40.5	21.15	56.94	100	0	P	V
		15810	41.74	-12.26	54	37.03	40.5	21.15	56.94	100	0	A	V
													V
802.11n HT40 CH 62 5310MHz		10620	48.77	-25.23	74	52.37	37.62	17.99	59.21	100	0	P	H
		15930	51.28	-22.72	74	46.38	40.8	21.22	57.12	100	0	P	H
		15930	41.71	-12.29	54	36.81	40.8	21.22	57.12	100	0	A	H
													H
		10620	49.11	-24.89	74	52.71	37.62	17.99	59.21	100	0	P	V
		15930	51.61	-22.39	74	46.71	40.8	21.22	57.12	100	0	P	V
		15930	41.95	-12.05	54	37.05	40.8	21.22	57.12	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5107.45	48.11	-25.89	74	37.97	34.33	11.24	35.43	222	356	P	H
		5149.8	44.39	-9.61	54	34.12	34.4	11.29	35.42	222	356	A	H
	*	5290	104.28	-	-	93.6	34.63	11.42	35.37	222	356	P	H
	*	5290	95.6	-	-	84.92	34.63	11.42	35.37	222	356	A	H
		5353.2	61.83	-12.17	74	51.19	34.5	11.49	35.35	222	356	P	H
		5350.32	48.27	-5.73	54	37.63	34.5	11.49	35.35	222	356	A	H
		5086.45	48.82	-25.18	74	38.85	34.23	11.18	35.44	235	359	P	V
		5124.95	46.59	-7.41	54	36.41	34.37	11.24	35.43	235	359	A	V
	*	5290	105.71	-	-	95.03	34.63	11.42	35.37	235	359	P	V
	*	5290	97.49	-	-	86.81	34.63	11.42	35.37	235	359	A	V
		5386.32	64.58	-9.42	74	53.76	34.63	11.53	35.34	235	359	P	V
		5350.08	52.29	-1.71	54	41.65	34.5	11.49	35.35	235	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	48.74	-19.46	68.2	52.45	37.6	17.98	59.29	100	0	P	H
		15870	50.53	-23.47	74	45.63	40.74	21.2	57.04	100	0	P	H
		15870	40.56	-13.44	54	35.66	40.74	21.2	57.04	100	0	A	H
													H
		10580	49.07	-19.13	68.2	52.78	37.6	17.98	59.29	100	0	P	V
		15870	50.27	-23.73	74	45.37	40.74	21.2	57.04	100	0	P	V
		15870	41.05	-12.95	54	36.15	40.74	21.2	57.04	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5458.48	53.73	-20.27	74	42.78	34.7	11.56	35.31	104	336	P	H
		5464.24	64.06	-4.14	68.2	52.98	34.8	11.59	35.31	104	336	P	H
		5459.44	40.67	-13.33	54	29.72	34.7	11.56	35.31	104	336	A	H
	*	5500	112.65	-	-	101.36	35	11.59	35.3	104	336	P	H
	*	5500	104.97	-	-	93.68	35	11.59	35.3	104	336	A	H
													H
		5458.32	58.7	-15.3	74	47.75	34.7	11.56	35.31	298	320	P	V
		5467.44	65.94	-2.26	68.2	54.86	34.8	11.59	35.31	298	320	P	V
		5459.28	41.39	-12.61	54	30.44	34.7	11.56	35.31	298	320	A	V
	*	5500	115.01	-	-	103.72	35	11.59	35.3	298	320	P	V
	*	5500	107.37	-	-	96.08	35	11.59	35.3	298	320	A	V
													V
802.11a CH 116 5580MHz		5441.68	49.39	-24.61	74	38.45	34.7	11.56	35.32	100	335	P	H
		5469.04	48.82	-19.38	68.2	37.74	34.8	11.59	35.31	100	335	P	H
		5392	40.18	-13.82	54	29.36	34.63	11.53	35.34	100	335	A	H
	*	5580	112.07	-	-	100.86	34.87	11.65	35.31	100	335	P	H
	*	5580	104.18	-	-	92.97	34.87	11.65	35.31	100	335	A	H
		5752.715	51.27	-16.93	68.2	39.72	35	11.88	35.33	100	335	P	H
		5389.84	50.4	-23.6	74	39.58	34.63	11.53	35.34	276	320	P	V
		5466.4	50.01	-18.19	68.2	38.93	34.8	11.59	35.31	276	320	P	V
		5395.36	41.48	-12.52	54	30.59	34.7	11.53	35.34	276	320	A	V
	*	5580	116.04	-	-	104.83	34.87	11.65	35.31	276	320	P	V
	*	5580	108.11	-	-	96.9	34.87	11.65	35.31	276	320	A	V
		5725	50.83	-17.37	68.2	39.32	35	11.83	35.32	276	320	P	V



802.11a CH 140 5700MHz	*	5700	107.66	-	-	96.2	35	11.78	35.32	100	332	P	H
	*	5700	99.93	-	-	88.47	35	11.78	35.32	100	332	A	H
		5725.24	60.23	-7.97	68.2	48.72	35	11.83	35.32	100	332	P	H
													H
													H
													H
	*	5700	111.42	-	-	99.96	35	11.78	35.32	281	319	P	V
	*	5700	104.04	-	-	92.58	35	11.78	35.32	281	319	A	V
		5725	65.03	-3.17	68.2	53.52	35	11.83	35.32	281	319	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.7	-26.3	74	49.99	37.9	18.13	58.32	100	0	P	H
		16500	52.56	-15.64	68.2	45.88	41.6	21.85	56.77	100	0	P	H
													H
													H
		11000	47.81	-26.19	74	50.1	37.9	18.13	58.32	100	0	P	V
		16500	52.14	-16.06	68.2	45.46	41.6	21.85	56.77	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	49.34	-24.66	74	51.25	37.9	18.21	58.02	100	0	P	H
		16740	53.71	-14.49	68.2	45.71	42.36	22.14	56.5	100	0	P	H
													H
													H
		11160	49.3	-24.7	74	51.21	37.9	18.21	58.02	100	0	P	V
		16740	53.5	-14.7	68.2	45.5	42.36	22.14	56.5	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	48.72	-25.28	74	49.9	38.1	18.33	57.61	100	0	P	H
		17100	53.64	-14.56	68.2	45.23	42	22.54	56.13	100	0	P	H
													H
													H
		11400	48.73	-25.27	74	49.91	38.1	18.33	57.61	100	0	P	V
		17100	53.95	-14.25	68.2	45.54	42	22.54	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5458.48	48.78	-25.22	74	37.83	34.7	11.56	35.31	400	308	P	H
		5468.24	57.38	-10.82	68.2	46.3	34.8	11.59	35.31	400	308	P	H
		5460	39.93	-14.07	54	28.98	34.7	11.56	35.31	400	308	A	H
	*	5500	108.61	-	-	97.32	35	11.59	35.3	400	308	P	H
	*	5500	100.08	-	-	88.79	35	11.59	35.3	400	308	A	H
													H
		5459.99	59.14	-14.86	74	48.19	34.7	11.56	35.31	238	306	P	V
		5469.68	67.04	-1.16	68.2	55.96	34.8	11.59	35.31	238	306	P	V
		5459.6	42.19	-11.81	54	31.24	34.7	11.56	35.31	238	306	A	V
	*	5500	113.06	-	-	101.77	35	11.59	35.3	238	306	P	V
	*	5500	104.58	-	-	93.29	35	11.59	35.3	238	306	A	V
													V
802.11n HT20 CH 116 5580MHz		5404.48	49.47	-24.53	74	38.57	34.7	11.53	35.33	286	315	P	H
		5466.64	48.26	-19.94	68.2	37.18	34.8	11.59	35.31	286	315	P	H
		5439.04	40.01	-13.99	54	29.07	34.7	11.56	35.32	286	315	A	H
	*	5580	110.26	-	-	99.05	34.87	11.65	35.31	286	315	P	H
	*	5580	101.37	-	-	90.16	34.87	11.65	35.31	286	315	A	H
		5761.22	50.13	-18.07	68.2	38.58	35	11.88	35.33	286	315	P	H
		5432.08	49.83	-24.17	74	38.89	34.7	11.56	35.32	143	336	P	V
		5468.56	48.64	-19.56	68.2	37.56	34.8	11.59	35.31	143	336	P	V
		5442.88	40.49	-13.51	54	29.55	34.7	11.56	35.32	143	336	A	V
	*	5580	114.91	-	-	103.7	34.87	11.65	35.31	143	336	P	V
	*	5580	105.97	-	-	94.76	34.87	11.65	35.31	143	336	A	V
		5760.275	51.21	-16.99	68.2	39.66	35	11.88	35.33	143	336	P	V



802.11n HT20 CH 140 5700MHz	*	5700	105.35	-	-	93.89	35	11.78	35.32	328	316	P	H
	*	5700	97.39	-	-	85.93	35	11.78	35.32	328	316	A	H
		5725.96	60.45	-7.75	68.2	48.94	35	11.83	35.32	328	316	P	H
													H
													H
													H
	*	5700	110	-	-	98.54	35	11.78	35.32	129	335	P	V
	*	5700	102.56	-	-	91.1	35	11.78	35.32	129	335	A	V
		5725.32	65.54	-2.66	68.2	54.03	35	11.83	35.32	129	335	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	47.79	-26.21	74	50.08	37.9	18.13	58.32	100	0	P	H
		16500	52.54	-15.66	68.2	45.86	41.6	21.85	56.77	100	0	P	H
													H
													H
		11000	48.01	-25.99	74	50.3	37.9	18.13	58.32	100	0	P	V
		16500	52.09	-16.11	68.2	45.41	41.6	21.85	56.77	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	49.83	-24.17	74	51.74	37.9	18.21	58.02	100	0	P	H
		16740	53.53	-14.67	68.2	45.53	42.36	22.14	56.5	100	0	P	H
													H
													H
		11160	48.93	-25.07	74	50.84	37.9	18.21	58.02	100	0	P	V
		16740	53.66	-14.54	68.2	45.66	42.36	22.14	56.5	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	49.44	-24.56	74	50.62	38.1	18.33	57.61	100	0	P	H
		17100	53.55	-14.65	68.2	45.14	42	22.54	56.13	100	0	P	H
													H
													H
		11400	48.98	-25.02	74	50.16	38.1	18.33	57.61	100	0	P	V
		17100	53.69	-14.51	68.2	45.28	42	22.54	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5457.76	55.59	-18.41	74	44.64	34.7	11.56	35.31	321	310	P	H
		5467.12	59.46	-8.74	68.2	48.38	34.8	11.59	35.31	321	310	P	H
		5459.92	42.02	-11.98	54	31.07	34.7	11.56	35.31	321	310	A	H
	*	5510	104.66	-	-	93.34	35	11.62	35.3	321	310	P	H
	*	5510	97.42	-	-	86.1	35	11.62	35.3	321	310	A	H
		5731.61	51.85	-16.35	68.2	40.34	35	11.83	35.32	321	310	P	H
		5455.84	61.1	-12.9	74	50.16	34.7	11.56	35.32	279	309	P	V
		5467.12	67.16	-1.04	68.2	56.08	34.8	11.59	35.31	279	309	P	V
		5459.68	45.11	-8.89	54	34.16	34.7	11.56	35.31	279	309	A	V
	*	5510	109.38	-	-	98.06	35	11.62	35.3	279	309	P	V
	*	5510	101.73	-	-	90.41	35	11.62	35.3	279	309	A	V
		5750.195	52.42	-15.78	68.2	40.87	35	11.88	35.33	279	309	P	V
802.11n HT40 CH 110 5550MHz		5388.64	50.57	-23.43	74	39.75	34.63	11.53	35.34	300	308	P	H
		5464.72	49.59	-18.61	68.2	38.51	34.8	11.59	35.31	300	308	P	H
		5410.72	40.21	-13.79	54	29.31	34.7	11.53	35.33	300	308	A	H
	*	5550	106.88	-	-	95.74	34.8	11.65	35.31	300	308	P	H
	*	5550	98.96	-	-	87.82	34.8	11.65	35.31	300	308	A	H
		5759.33	50.86	-17.34	68.2	39.31	35	11.88	35.33	300	308	P	H
		5459.68	52.19	-21.81	74	41.24	34.7	11.56	35.31	258	308	P	V
		5469.04	52.64	-15.56	68.2	41.56	34.8	11.59	35.31	258	308	P	V
		5459.92	40.77	-13.23	54	29.82	34.7	11.56	35.31	258	308	A	V
	*	5550	112.32	-	-	101.18	34.8	11.65	35.31	258	308	P	V
	*	5550	104.14	-	-	93	34.8	11.65	35.31	258	308	A	V
		5760.59	52.07	-16.13	68.2	40.52	35	11.88	35.33	258	308	P	V



802.11n HT40 CH 134 5670MHz		5382.9	49.63	-24.37	74	38.81	34.63	11.53	35.34	289	311	P	H
		5469.35	49.87	-18.33	68.2	38.79	34.8	11.59	35.31	289	311	P	H
		5459.9	40.07	-13.93	54	29.12	34.7	11.56	35.31	289	311	A	H
	*	5670	106.41	-	-	95.1	34.85	11.78	35.32	289	311	P	H
	*	5670	98.66	-	-	87.35	34.85	11.78	35.32	289	311	A	H
		5725.1	59.86	-8.34	68.2	48.35	35	11.83	35.32	289	311	P	H
		5381.5	50.52	-23.48	74	39.7	34.63	11.53	35.34	247	309	P	V
		5466.9	50.99	-17.21	68.2	39.91	34.8	11.59	35.31	247	309	P	V
		5439.95	40.52	-13.48	54	29.58	34.7	11.56	35.32	247	309	A	V
	*	5670	112.72	-	-	101.41	34.85	11.78	35.32	247	309	P	V
	*	5670	105.16	-	-	93.85	34.85	11.78	35.32	247	309	A	V
		5725.8	65.67	-2.53	68.2	54.16	35	11.83	35.32	247	309	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	47.58	-26.42	74	49.84	37.9	18.13	58.29	100	0	P	H
		16530	52.63	-15.57	68.2	45.79	41.67	21.9	56.73	100	0	P	H
													H
													H
		11020	47.7	-26.3	74	49.96	37.9	18.13	58.29	100	0	P	V
		16530	52.2	-16	68.2	45.36	41.67	21.9	56.73	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	49.09	-24.91	74	51.16	37.9	18.17	58.14	100	0	P	H
		16650	53.6	-14.6	68.2	46.07	42.1	22.03	56.6	100	0	P	H
													H
													H
		11100	48.63	-25.37	74	50.7	37.9	18.17	58.14	100	0	P	V
		16650	53.3	-14.9	68.2	45.77	42.1	22.03	56.6	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	50.12	-23.88	74	51.53	38.03	18.29	57.73	100	0	P	H
		17010	53.79	-14.41	68.2	45.36	42.17	22.46	56.2	100	0	P	H
													H
													H
		11340	49.48	-24.52	74	50.89	38.03	18.29	57.73	100	0	P	V
		17010	52.65	-15.55	68.2	44.22	42.17	22.46	56.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5455.6	54.65	-19.35	74	43.71	34.7	11.56	35.32	299	310	P	H
		5470	54.52	-13.68	68.2	43.44	34.8	11.59	35.31	299	310	P	H
		5459.92	42.14	-11.86	54	31.19	34.7	11.56	35.31	299	310	A	H
	*	5530	101.2	-	-	89.95	34.93	11.62	35.3	299	310	P	H
	*	5530	93.01	-	-	81.76	34.93	11.62	35.3	299	310	A	H
		5729.72	51.17	-17.03	68.2	39.66	35	11.83	35.32	299	310	P	H
		5457.04	62.77	-11.23	74	51.82	34.7	11.56	35.31	288	309	P	V
		5463.28	64.66	-3.54	68.2	53.58	34.8	11.59	35.31	288	309	P	V
		5459.92	42.23	-11.77	54	31.28	34.7	11.56	35.31	288	309	A	V
	*	5530	105.86	-	-	94.61	34.93	11.62	35.3	288	309	P	V
	*	5530	97.34	-	-	86.09	34.93	11.62	35.3	288	309	A	V
		5758.385	51.46	-16.74	68.2	39.91	35	11.88	35.33	288	309	P	V
802.11ac VHT80 CH 122 5610MHz		5380.1	51.18	-22.82	74	40.36	34.63	11.53	35.34	285	307	P	H
		5464.45	51.65	-16.55	68.2	40.57	34.8	11.59	35.31	285	307	P	H
		5459.55	40.42	-13.58	54	29.47	34.7	11.56	35.31	285	307	A	H
	*	5610	104.36	-	-	92.99	35	11.68	35.31	285	307	P	H
	*	5610	96.22	-	-	84.85	35	11.68	35.31	285	307	A	H
		5725.1	54.26	-13.94	68.2	42.75	35	11.83	35.32	285	307	P	H
		5447.65	52.31	-21.69	74	41.37	34.7	11.56	35.32	254	311	P	V
		5469.7	52.38	-15.82	68.2	41.3	34.8	11.59	35.31	254	311	P	V
		5459.9	41.18	-12.82	54	30.23	34.7	11.56	35.31	254	311	A	V
	*	5610	109.12	-	-	97.75	35	11.68	35.31	254	311	P	V
	*	5610	101.04	-	-	89.67	35	11.68	35.31	254	311	A	V
		5728.775	61.83	-6.37	68.2	50.32	35	11.83	35.32	254	311	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	48.94	-25.06	74	51.09	37.9	18.15	58.2	100	0	P	H
		16590	51.71	-16.49	68.2	44.63	41.77	21.98	56.67	100	0	P	H
													H
													H
		11060	49.08	-24.92	74	51.23	37.9	18.15	58.2	100	0	P	V
		16590	51.94	-16.26	68.2	44.86	41.77	21.98	56.67	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	50.39	-23.61	74	52.17	37.92	18.23	57.93	100	0	P	H
		16830	52.02	-16.18	68.2	43.85	42.3	22.27	56.4	100	0	P	H
													H
													H
		11220	50.01	-23.99	74	51.79	37.92	18.23	57.93	100	0	P	V
		16830	51.51	-16.69	68.2	43.34	42.3	22.27	56.4	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5408.5	50.61	-23.39	74	39.71	34.7	11.53	35.33	100	349	P	H
		5465.44	49.4	-18.8	68.2	38.32	34.8	11.59	35.31	100	349	P	H
		5458.03	39.62	-14.38	54	28.67	34.7	11.56	35.31	100	349	A	H
	*	5720	111.36	-	-	99.85	35	11.83	35.32	100	349	P	H
	*	5720	103.91	-	-	92.4	35	11.83	35.32	100	349	A	H
		5898.5	51.03	-17.17	68.2	39.15	35.2	12.02	35.34	100	349	P	H
		5381.2	50.25	-23.75	74	39.43	34.63	11.53	35.34	215	350	P	V
		5462.71	48.77	-19.43	68.2	37.69	34.8	11.59	35.31	215	350	P	V
		5440.09	39.99	-14.01	54	29.05	34.7	11.56	35.32	215	350	A	V
	*	5720	115.11	-	-	103.6	35	11.83	35.32	215	350	P	V
	*	5720	107.81	-	-	96.3	35	11.83	35.32	215	350	A	V
		5914.75	51.58	-16.62	68.2	39.65	35.2	12.07	35.34	215	350	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	46.88	-27.12	74	47.95	38.13	18.35	57.55	100	0	P	H
		17160	52.82	-15.38	68.2	44.55	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	46.87	-27.13	74	47.94	38.13	18.35	57.55	100	0	P	V
		17160	52.36	-15.84	68.2	44.09	41.73	22.62	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5454.91	51.18	-22.82	74	40.24	34.7	11.56	35.32	100	357	P	H
		5463.88	49.02	-19.18	68.2	37.94	34.8	11.59	35.31	100	357	P	H
		5440.09	40.19	-13.81	54	29.25	34.7	11.56	35.32	100	357	A	H
	*	5720	108.63	-	-	97.12	35	11.83	35.32	100	357	P	H
	*	5720	101.11	-	-	89.6	35	11.83	35.32	100	357	A	H
		5917	51.18	-17.02	68.2	39.25	35.2	12.07	35.34	100	357	P	H
		5416.69	50.56	-23.44	74	39.66	34.7	11.53	35.33	245	342	P	V
		5466.61	49.97	-18.23	68.2	38.89	34.8	11.59	35.31	245	342	P	V
		5459.98	40.15	-13.85	54	29.2	34.7	11.56	35.31	245	342	A	V
	*	5720	114.07	-	-	102.56	35	11.83	35.32	245	342	P	V
	*	5720	106.54	-	-	95.03	35	11.83	35.32	245	342	A	V
		5867.75	50.64	-17.56	68.2	38.89	35.07	12.02	35.34	245	342	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	47.2	-26.8	74	48.27	38.13	18.35	57.55	100	0	P	H
		17160	53.01	-15.19	68.2	44.74	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	47.85	-26.15	74	48.92	38.13	18.35	57.55	100	0	P	V
		17160	51.85	-16.35	68.2	43.58	41.73	22.62	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5410.06	49.65	-24.35	74	38.75	34.7	11.53	35.33	297	10	P	H
		5469.34	49.97	-18.23	68.2	38.89	34.8	11.59	35.31	297	10	P	H
		5439.7	39.99	-14.01	54	29.05	34.7	11.56	35.32	297	10	A	H
	*	5710	109.97	-	-	98.46	35	11.83	35.32	297	10	P	H
	*	5710	101.55	-	-	90.04	35	11.83	35.32	297	10	A	H
		5882	51.27	-16.93	68.2	39.46	35.13	12.02	35.34	297	10	P	H
		5419.42	50.21	-23.79	74	39.31	34.7	11.53	35.33	204	341	P	V
		5468.17	50.16	-18.04	68.2	39.08	34.8	11.59	35.31	204	341	P	V
		5435.41	40.41	-13.59	54	29.47	34.7	11.56	35.32	204	341	A	V
	*	5710	112.44	-	-	100.93	35	11.83	35.32	204	341	P	V
	*	5710	104.33	-	-	92.82	35	11.83	35.32	204	341	A	V
		5939.25	51.14	-17.06	68.2	39.21	35.2	12.07	35.34	204	341	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	46.71	-27.29	74	47.83	38.12	18.34	57.58	100	0	P	H
		17130	52.55	-15.65	68.2	44.21	41.87	22.58	56.11	100	0	P	H
													H
													H
		11420	47.86	-26.14	74	48.98	38.12	18.34	57.58	100	0	P	V
		17130	52.34	-15.86	68.2	44	41.87	22.58	56.11	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5445.55	49.69	-24.31	74	38.75	34.7	11.56	35.32	335	10	P	H
		5462.32	49.91	-18.29	68.2	38.93	34.7	11.59	35.31	335	10	P	H
		5459.98	39.71	-14.29	54	28.76	34.7	11.56	35.31	335	10	A	H
	*	5690	107.19	-	-	95.73	35	11.78	35.32	335	10	P	H
	*	5690	98.72	-	-	87.26	35	11.78	35.32	335	10	A	H
		5876.8	50.77	-17.43	68.2	38.96	35.13	12.02	35.34	335	10	P	H
		5379.64	49.72	-24.28	74	38.94	34.63	11.49	35.34	183	340	P	V
		5468.17	49.88	-18.32	68.2	38.8	34.8	11.59	35.31	183	340	P	V
		5459.59	43.54	-10.46	54	32.59	34.7	11.56	35.31	183	340	A	V
	*	5690	109.28	-	-	97.82	35	11.78	35.32	183	340	P	V
	*	5690	100.66	-	-	89.2	35	11.78	35.32	183	340	A	V
		5865.1	50.96	-17.24	68.2	39.21	35.07	12.02	35.34	183	340	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	47.92	-26.08	74	49.17	38.08	18.31	57.64	100	0	P	H
		17070	54.02	-14.18	68.2	45.58	42.07	22.53	56.16	100	0	P	H
													H
													H
		11380	47.66	-26.34	74	48.91	38.08	18.31	57.64	100	0	P	V
		17070	55.5	-12.7	68.2	47.06	42.07	22.53	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		30.27	23.39	-16.61	40	27.45	24.6	1.32	29.98	-	-	P	H
		195.51	33.01	-10.49	43.5	45.66	14.85	2.36	29.86	-	-	P	H
		287.31	34.67	-11.33	46	42.69	18.89	2.86	29.77	-	-	P	H
		399.4	33.44	-12.56	46	38.24	21.67	3.32	29.79	-	-	P	H
		651.4	37.88	-8.12	46	37.16	26.19	4.18	29.65	100	0	P	H
		768.3	35.21	-10.79	46	32.23	27.9	4.46	29.38	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	34.21	-5.79	40	38.27	24.6	1.32	29.98	100	0	P	V
		155.55	27.73	-15.77	43.5	38.55	16.81	2.28	29.91	-	-	P	V
		192.54	29.73	-13.77	43.5	42.42	14.8	2.37	29.86	-	-	P	V
		405.7	32.25	-13.75	46	36.78	21.93	3.33	29.79	-	-	P	V
		651.4	36	-10	46	35.28	26.19	4.18	29.65	-	-	P	V
		955.2	34.52	-11.48	46	27.22	30.64	5.19	28.53	-	-	P	V
													V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 2 - 5250~5350MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 52 5260MHz		5105.7	50.05	-23.95	74	39.91	34.33	11.24	35.43	220	357	P	H
		5122.5	39.57	-14.43	54	29.43	34.33	11.24	35.43	220	357	A	H
	*	5260	116.76	-	-	106.19	34.57	11.38	35.38	220	357	P	H
	*	5260	105.66	-	-	95.09	34.57	11.38	35.38	220	357	A	H
		5388.24	49.8	-24.2	74	38.98	34.63	11.53	35.34	220	357	P	H
		5443.92	39.82	-14.18	54	28.88	34.7	11.56	35.32	220	357	A	H
		5113.75	50.25	-23.75	74	40.11	34.33	11.24	35.43	221	332	P	V
		5124.95	40.08	-13.92	54	29.9	34.37	11.24	35.43	221	332	A	V
	*	5260	118.07	-	-	107.5	34.57	11.38	35.38	221	332	P	V
	*	5260	107.1	-	-	96.53	34.57	11.38	35.38	221	332	A	V
		5376.48	49.55	-24.45	74	38.83	34.57	11.49	35.34	221	332	P	V
		5439.84	40.02	-13.98	54	29.08	34.7	11.56	35.32	221	332	A	V
802.11ax HE20 Full CH 60 5300MHz		5135.8	48.92	-25.08	74	38.73	34.37	11.24	35.42	204	356	P	H
		5149.45	39.78	-14.22	54	29.51	34.4	11.29	35.42	204	356	A	H
	*	5300	116.47	-	-	105.72	34.7	11.42	35.37	204	356	P	H
	*	5300	105.47	-	-	94.72	34.7	11.42	35.37	204	356	A	H
		5350.56	56.02	-17.98	74	45.38	34.5	11.49	35.35	204	356	P	H
		5350.08	42.11	-11.89	54	31.47	34.5	11.49	35.35	204	356	A	H
		5016.45	48.44	-25.56	74	38.72	34.1	11.08	35.46	248	0	P	V
		5149.45	39.62	-14.38	54	29.35	34.4	11.29	35.42	248	0	A	V
	*	5300	117.98	-	-	107.23	34.7	11.42	35.37	248	0	P	V
	*	5300	107.74	-	-	96.99	34.7	11.42	35.37	248	0	A	V
		5350.56	57.22	-16.78	74	46.58	34.5	11.49	35.35	248	0	P	V
		5350.08	44.48	-9.52	54	33.84	34.5	11.49	35.35	248	0	A	V



802.11ax HE20 Full CH 64 5320MHz	*	5320	114.12	-	-	103.4	34.63	11.45	35.36	252	356	P	H
	*	5320	103.2	-	-	92.48	34.63	11.45	35.36	252	356	A	H
		5353.28	65.01	-8.99	74	54.37	34.5	11.49	35.35	252	356	P	H
		5350.4	49.58	-4.42	54	38.94	34.5	11.49	35.35	252	356	A	H
													H
													H
	*	5320	117	-	-	106.28	34.63	11.45	35.36	248	0	P	V
	*	5320	106.69	-	-	95.97	34.63	11.45	35.36	248	0	A	V
		5350.4	67.97	-6.03	74	57.33	34.5	11.49	35.35	248	0	P	V
		5350.4	52.06	-1.94	54	41.42	34.5	11.49	35.35	248	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		10520	48.71	-19.49	68.2	52.6	37.6	17.96	59.45	100	0	P	H
		15780	51.45	-22.55	74	46.67	40.53	21.13	56.88	100	0	P	H
		15780	41.61	-12.39	54	36.83	40.53	21.13	56.88	100	0	A	H
													H
		10520	48.35	-19.85	68.2	52.24	37.6	17.96	59.45	100	0	P	V
		15780	52.02	-21.98	74	47.24	40.53	21.13	56.88	100	0	P	V
		15780	41.82	-12.18	54	37.04	40.53	21.13	56.88	100	0	A	V
													V
802.11ax HE20 Full CH 60 5300MHz		10600	49.13	-24.87	74	52.79	37.6	17.99	59.25	100	0	P	H
		15900	52.41	-21.59	74	47.47	40.8	21.2	57.06	100	0	P	H
		15900	42	-12	54	37.06	40.8	21.2	57.06	100	0	A	H
													H
		10600	49.22	-24.78	74	52.88	37.6	17.99	59.25	100	0	P	V
		15900	50.98	-23.02	74	46.04	40.8	21.2	57.06	100	0	P	V
		15900	41.83	-12.17	54	36.89	40.8	21.2	57.06	100	0	A	V
													V
802.11ax HE20 Full CH 64 5320MHz		10640	48.23	-25.77	74	51.76	37.63	18.01	59.17	100	0	P	H
		15960	50.93	-23.07	74	46.06	40.8	21.24	57.17	100	0	P	H
		15960	41.58	-12.42	54	36.71	40.8	21.24	57.17	100	0	A	H
													H
		10640	48.64	-25.36	74	52.17	37.63	18.01	59.17	100	0	P	V
		15960	51.44	-22.56	74	46.57	40.8	21.24	57.17	100	0	P	V
		15960	41.57	-12.43	54	36.7	40.8	21.24	57.17	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/4 CH 52 5260MHz		5116.2	50	-24	74	39.86	34.33	11.24	35.43	221	359	P	H
		5116.9	40.82	-13.18	54	30.68	34.33	11.24	35.43	221	359	A	H
	*	5260	121.97	-	-	111.4	34.57	11.38	35.38	221	359	P	H
	*	5260	113.73	-	-	103.16	34.57	11.38	35.38	221	359	A	H
		5382.48	50.44	-23.56	74	39.62	34.63	11.53	35.34	221	359	P	H
		5355.36	41.22	-12.78	54	30.58	34.5	11.49	35.35	221	359	A	H
		5117.6	51.01	-22.99	74	40.87	34.33	11.24	35.43	267	332	P	V
		5115.15	43.4	-10.6	54	33.26	34.33	11.24	35.43	267	332	A	V
	*	5260	123.81	-	-	113.24	34.57	11.38	35.38	267	332	P	V
	*	5260	115.74	-	-	105.17	34.57	11.38	35.38	267	332	A	V
		5401.68	51.01	-22.99	74	40.11	34.7	11.53	35.33	267	332	P	V
		5355.36	41.76	-12.24	54	31.12	34.5	11.49	35.35	267	332	A	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz		5320	122.2	54	68.2	111.48	34.63	11.45	35.36	216	358	P	H
		5320	113.79	59.79	54	103.07	34.63	11.45	35.36	216	358	A	H
	*	5350.24	70.32	-	-	59.68	34.5	11.49	35.35	216	358	P	H
	*	5350.08	50.27	-	-	39.63	34.5	11.49	35.35	216	358	A	H
													H
													H
		5320	123.99	55.79	68.2	113.27	34.63	11.45	35.36	246	333	P	V
		5320	116.31	62.31	54	105.59	34.63	11.45	35.36	246	333	A	V
	*	5350.72	71.97	-	-	61.33	34.5	11.49	35.35	246	333	P	V
	*	5350.56	52.05	-	-	41.41	34.5	11.49	35.35	246	333	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 52 5260MHz		10520	48.29	-19.91	68.2	52.18	37.6	16.69	59.45	100	0	P	H
		15780	51.43	-22.57	74	46.65	40.53	19.54	56.88	100	0	P	H
		15780	41.88	-12.12	54	37.1	40.53	19.54	56.88	100	0	A	H
													H
		10520	48.29	-19.91	68.2	52.18	37.6	16.69	59.45	100	0	P	V
		15780	51.11	-22.89	74	46.33	40.53	19.54	56.88	100	0	P	V
		15780	41.83	-12.17	54	37.05	40.53	19.54	56.88	100	0	A	V
													V
802.11ax HE20 Partial 26/8 CH 64 5320MHz		10640	48.86	-25.14	74	52.39	37.63	16.74	59.17	100	0	P	H
		15960	52.21	-21.79	74	47.34	40.8	19.64	57.17	100	0	P	H
		15960	42.51	-11.49	54	37.64	40.8	19.64	57.17	100	0	A	H
													H
		10640	48.62	-25.38	74	52.15	37.63	16.74	59.17	100	0	P	V
		15960	51.62	-22.38	74	46.75	40.8	19.64	57.17	100	0	P	V
		15960	42.4	-11.6	54	37.53	40.8	19.64	57.17	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/40 CH 64 5320MHz	*	5320	119.71	-	-	108.99	34.63	11.45	35.36	247	359	P	H
	*	5320	111.25	-	-	100.53	34.63	11.45	35.36	247	359	A	H
		5355.52	64.94	-9.06	74	54.3	34.5	11.49	35.35	247	359	P	H
		5355.52	50.09	-3.91	54	39.45	34.5	11.49	35.35	247	359	A	H
													H
													H
	*	5320	121.31	-	-	110.59	34.63	11.45	35.36	230	335	P	V
	*	5320	113.59	-	-	102.87	34.63	11.45	35.36	230	335	A	V
		5355.68	67.66	-6.34	74	57.02	34.5	11.49	35.35	230	335	P	V
		5355.36	52.85	-1.15	54	42.21	34.5	11.49	35.35	230	335	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/40 CH 64 5320MHz		10640	49.03	-24.97	74	52.56	37.63	18.01	59.17	100	0	P	H
		15960	51.26	-22.74	74	46.39	40.8	21.24	57.17	100	0	P	H
		15960	42.39	-11.61	54	37.52	40.8	21.24	57.17	100	0	A	H
													H
		10640	48.97	-25.03	74	52.5	37.63	18.01	59.17	100	0	P	V
		15960	51.05	-22.95	74	46.18	40.8	21.24	57.17	100	0	P	V
		15960	42.37	-11.63	54	37.5	40.8	21.24	57.17	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	117.14	-	-	106.42	34.63	11.45	35.36	214	359	P	H
	*	5320	110.27	-	-	99.55	34.63	11.45	35.36	214	359	A	H
		5355.2	55.34	-18.66	74	44.7	34.5	11.49	35.35	214	359	P	H
		5352.8	47.75	-6.25	54	37.11	34.5	11.49	35.35	214	359	A	H
													H
													H
	*	5320	119.48	-	-	108.76	34.63	11.45	35.36	247	336	P	V
	*	5320	112.87	-	-	102.15	34.63	11.45	35.36	247	336	A	V
		5350.08	57.76	-16.24	74	47.12	34.5	11.49	35.35	247	336	P	V
		5350.24	49.54	-4.46	54	38.9	34.5	11.49	35.35	247	336	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz		10640	48.5	-25.5	74	52.03	37.63	18.01	59.17	100	0	P	H
		15960	51.05	-22.95	74	46.18	40.8	21.24	57.17	100	0	P	H
		15960	42.43	-11.57	54	37.56	40.8	21.24	57.17	100	0	A	H
													H
		10640	49.15	-24.85	74	52.68	37.63	18.01	59.17	100	0	P	V
		15960	50.68	-23.32	74	45.81	40.8	21.24	57.17	100	0	P	V
		15960	42.34	-11.66	54	37.47	40.8	21.24	57.17	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5093.8	49.14	-24.86	74	39.1	34.3	11.18	35.44	202	356	P	H
		5143.15	40.04	-13.96	54	29.77	34.4	11.29	35.42	202	356	A	H
	*	5270	112	-	-	101.39	34.57	11.42	35.38	202	356	P	H
	*	5270	102.8	-	-	92.19	34.57	11.42	35.38	202	356	A	H
		5350.32	59.31	-14.69	74	48.67	34.5	11.49	35.35	202	356	P	H
		5350.32	44.66	-9.34	54	34.02	34.5	11.49	35.35	202	356	A	H
		5149.8	51.66	-22.34	74	41.39	34.4	11.29	35.42	100	324	P	V
		5144.2	40.54	-13.46	54	30.27	34.4	11.29	35.42	100	324	A	V
	*	5270	115.3	-	-	104.69	34.57	11.42	35.38	100	324	P	V
	*	5270	106	-	-	95.39	34.57	11.42	35.38	100	324	A	V
		5351.04	59.92	-14.08	74	49.28	34.5	11.49	35.35	100	324	P	V
		5350.8	46.79	-7.21	54	36.15	34.5	11.49	35.35	100	324	A	V
802.11ax HE40 Full CH 62 5310MHz		5079.45	64.01	-9.99	74	54.04	34.23	11.18	35.44	218	355	P	H
		5117.25	45.38	-8.62	54	35.24	34.33	11.24	35.43	218	355	A	H
	*	5310	108.85	-	-	98.13	34.63	11.45	35.36	218	355	P	H
	*	5310	99.98	-	-	89.26	34.63	11.45	35.36	218	355	A	H
		5353.44	65.21	-8.79	74	54.57	34.5	11.49	35.35	218	355	P	H
		5350.08	50.46	-3.54	54	39.82	34.5	11.49	35.35	218	355	A	H
		5114.1	49.69	-24.31	74	39.55	34.33	11.24	35.43	100	322	P	V
		5141.75	47.41	-6.59	54	37.14	34.4	11.29	35.42	100	322	A	V
	*	5310	111.24	-	-	100.52	34.63	11.45	35.36	100	322	P	V
	*	5310	102.02	-	-	91.3	34.63	11.45	35.36	100	322	A	V
		5350.08	65.18	-8.82	74	54.54	34.5	11.49	35.35	100	322	P	V
		5350.56	52.95	-1.05	54	42.31	34.5	11.49	35.35	100	322	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	48.36	-19.84	68.2	52.21	37.6	17.96	59.41	100	0	P	H
		15810	51.24	-22.76	74	46.53	40.5	21.15	56.94	100	0	P	H
		15810	41.66	-12.34	54	36.95	40.5	21.15	56.94	100	0	A	H
													H
		10540	48.73	-19.47	68.2	52.58	37.6	17.96	59.41	100	0	P	V
		15810	51.49	-22.51	74	46.78	40.5	21.15	56.94	100	0	P	V
		15810	41.64	-12.36	54	36.93	40.5	21.15	56.94	100	0	A	V
													V
802.11ax HE40 Full CH 62 5310MHz		10620	48.88	-25.12	74	52.48	37.62	17.99	59.21	100	0	P	H
		15930	52.6	-21.4	74	47.7	40.8	21.22	57.12	100	0	P	H
		15930	41.58	-12.42	54	36.68	40.8	21.22	57.12	100	0	A	H
													H
		10620	48.12	-25.88	74	51.72	37.62	17.99	59.21	100	0	P	V
		15930	52.72	-21.28	74	47.82	40.8	21.22	57.12	100	0	P	V
		15930	42.05	-11.95	54	37.15	40.8	21.22	57.12	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5002.8	49.54	-24.46	74	39.83	34.1	11.08	35.47	213	358	P	H
		5140.7	42.29	-11.71	54	32.02	34.4	11.29	35.42	213	358	A	H
	*	5310	106.71	-	-	95.99	34.63	11.45	35.36	213	358	P	H
	*	5310	98.73	-	-	88.01	34.63	11.45	35.36	213	358	A	H
		5350.32	59.18	-14.82	74	48.54	34.5	11.49	35.35	213	358	P	H
		5350.08	49.48	-4.52	54	38.84	34.5	11.49	35.35	213	358	A	H
		5092.05	50.11	-23.89	74	40.07	34.3	11.18	35.44	246	335	P	V
		5133.35	42.61	-11.39	54	32.42	34.37	11.24	35.42	246	335	A	V
	*	5310	110.46	-	-	99.74	34.63	11.45	35.36	246	335	P	V
	*	5310	102.38	-	-	91.66	34.63	11.45	35.36	246	335	A	V
		5350.56	60.63	-13.37	74	49.99	34.5	11.49	35.35	246	335	P	V
		5350.8	50.27	-3.73	54	39.63	34.5	11.49	35.35	246	335	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		10620	49.91	-24.09	74	53.51	37.62	17.99	59.21	100	0	P	H
		15930	51.91	-22.09	74	47.01	40.8	21.22	57.12	100	0	P	H
		15930	44.62	-9.38	54	39.72	40.8	21.22	57.12	100	0	A	H
													H
		10620	49.21	-24.79	74	52.81	37.62	17.99	59.21	100	0	P	V
		15930	51.48	-22.52	74	46.58	40.8	21.22	57.12	100	0	P	V
		15930	44.33	-9.67	54	39.43	40.8	21.22	57.12	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5068.95	49.54	-24.46	74	39.64	34.17	11.18	35.45	165	358	P	H
		5145.95	42.41	-11.59	54	32.14	34.4	11.29	35.42	165	358	A	H
	*	5290	105.42	-	-	94.74	34.63	11.42	35.37	165	358	P	H
	*	5290	95.58	-	-	84.9	34.63	11.42	35.37	165	358	A	H
		5358.72	61.78	-12.22	74	51.14	34.5	11.49	35.35	165	358	P	H
		5350.56	48.81	-5.19	54	38.17	34.5	11.49	35.35	165	358	A	H
		5128.45	49.01	-24.99	74	38.83	34.37	11.24	35.43	100	324	P	V
		5149.8	39.16	-14.84	54	28.89	34.4	11.29	35.42	100	324	A	V
	*	5290	108.34	-	-	97.66	34.63	11.42	35.37	100	324	P	V
	*	5290	98.28	-	-	87.6	34.63	11.42	35.37	100	324	A	V
		5356.32	63.36	-10.64	74	52.72	34.5	11.49	35.35	100	324	P	V
		5350.08	51.9	-2.1	54	41.26	34.5	11.49	35.35	100	324	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		10580	48.17	-20.03	68.2	51.88	37.6	17.98	59.29	100	0	P	H
		15870	49.99	-24.01	74	45.09	40.74	21.2	57.04	100	0	P	H
													H
													H
		10580	48.48	-19.72	68.2	52.19	37.6	17.98	59.29	100	0	P	V
		15870	49.96	-24.04	74	45.06	40.74	21.2	57.04	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/64 CH 58 5290MHz		5057.05	50.01	-23.99	74	40.16	34.17	11.13	35.45	246	358	P	H
		5142.1	42.38	-11.62	54	32.11	34.4	11.29	35.42	246	358	A	H
	*	5290	108.65	-	-	97.97	34.63	11.42	35.37	246	358	P	H
	*	5290	99.89	-	-	89.21	34.63	11.42	35.37	246	358	A	H
		5361.12	61.6	-12.4	74	50.89	34.57	11.49	35.35	246	358	P	H
		5366.16	50.52	-3.48	54	39.81	34.57	11.49	35.35	246	358	A	H
		5139.3	52.28	-21.72	74	42.09	34.37	11.24	35.42	251	337	P	V
		5138.6	43.73	-10.27	54	33.54	34.37	11.24	35.42	251	337	A	V
	*	5290	109.93	-	-	99.25	34.63	11.42	35.37	251	337	P	V
	*	5290	102.79	-	-	92.11	34.63	11.42	35.37	251	337	A	V
		5366.16	62.16	-11.84	74	51.45	34.57	11.49	35.35	251	337	P	V
		5364.96	51.91	-2.09	54	41.2	34.57	11.49	35.35	251	337	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ax HE80 Partial 242 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/64 CH 58 5290MHz		10580	48.32	-19.88	68.2	52.03	37.6	17.98	59.29	100	0	P	H
		15870	50.61	-23.39	74	45.71	40.74	21.2	57.04	100	0	P	H
		15870	43.58	-10.42	54	38.68	40.74	21.2	57.04	100	0	A	H
													H
		10580	48.83	-19.37	68.2	52.54	37.6	17.98	59.29	100	0	P	V
		15870	50.43	-23.57	74	45.53	40.74	21.2	57.04	100	0	P	V
		15870	43	-11	54	38.1	40.74	21.2	57.04	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 100 5500MHz		5427.6	50.72	-23.28	74	39.78	34.7	11.56	35.32	321	314	P	H
		5469.84	56.43	-11.77	68.2	45.35	34.8	11.59	35.31	321	314	P	H
		5459.44	40.62	-13.38	54	29.67	34.7	11.56	35.31	321	314	A	H
	*	5500	111.45	-	-	100.16	35	11.59	35.3	321	314	P	H
	*	5500	100.53	-	-	89.24	35	11.59	35.3	321	314	A	H
													H
		5459.12	56.62	-17.38	74	45.67	34.7	11.56	35.31	293	310	P	V
		5469.2	65.79	-2.41	68.2	54.71	34.8	11.59	35.31	293	310	P	V
		5459.92	41.34	-12.66	54	30.39	34.7	11.56	35.31	293	310	A	V
	*	5500	116.04	-	-	104.75	35	11.59	35.3	293	310	P	V
	*	5500	105.45	-	-	94.16	35	11.59	35.3	293	310	A	V
													V
802.11ax HE20 Full CH 116 5580MHz		5449.84	49.97	-24.03	74	39.03	34.7	11.56	35.32	325	8	P	H
		5464.48	49.86	-18.34	68.2	38.78	34.8	11.59	35.31	325	8	P	H
		5435.2	40.26	-13.74	54	29.32	34.7	11.56	35.32	325	8	A	H
	*	5580	115.47	-	-	104.26	34.87	11.65	35.31	325	8	P	H
	*	5580	104.33	-	-	93.12	34.87	11.65	35.31	325	8	A	H
		5751.77	50.58	-17.62	68.2	39.03	35	11.88	35.33	325	8	P	H
		5384.08	49.76	-24.24	74	38.94	34.63	11.53	35.34	271	310	P	V
		5465.92	49.18	-19.02	68.2	38.1	34.8	11.59	35.31	271	310	P	V
		5440	40.5	-13.5	54	29.56	34.7	11.56	35.32	271	310	A	V
	*	5580	118.88	-	-	107.67	34.87	11.65	35.31	271	310	P	V
	*	5580	107.39	-	-	96.18	34.87	11.65	35.31	271	310	A	V
		5759.96	51.35	-16.85	68.2	39.8	35	11.88	35.33	271	310	P	V



802.11ax HE20 Full CH 140 5700MHz	*	5700	112.2	-	-	100.74	35	11.78	35.32	365	8	P	H
	*	5700	101.12	-	-	89.66	35	11.78	35.32	365	8	A	H
		5727.32	57.48	-10.72	68.2	45.97	35	11.83	35.32	365	8	P	H
													H
													H
													H
	*	5700	116.71	-	-	105.25	35	11.78	35.32	272	313	P	V
	*	5700	105.55	-	-	94.09	35	11.78	35.32	272	313	A	V
		5726.2	63.65	-4.55	68.2	52.14	35	11.83	35.32	272	313	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		11000	48.6	-25.4	74	50.89	37.9	18.13	58.32	100	0	P	H
		16500	52.18	-16.02	68.2	45.5	41.6	21.85	56.77	100	0	P	H
													H
													H
		11000	48.95	-25.05	74	51.24	37.9	18.13	58.32	100	0	P	V
		16500	52.23	-15.97	68.2	45.55	41.6	21.85	56.77	100	0	P	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		11160	49.62	-24.38	74	51.53	37.9	18.21	58.02	100	0	P	H
		16740	54.07	-14.13	68.2	46.07	42.36	22.14	56.5	100	0	P	H
													H
													H
		11160	49.66	-24.34	74	51.57	37.9	18.21	58.02	100	0	P	V
		16740	52.83	-15.37	68.2	44.83	42.36	22.14	56.5	100	0	P	V
													V
													V
802.11ax HE20 Full CH 140 5700MHz		11440	47.78	-26.22	74	48.85	38.13	18.35	57.55	100	0	P	H
		17160	53.93	-14.27	68.2	45.66	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	47.19	-26.81	74	48.26	38.13	18.35	57.55	100	0	P	V
		17160	52.72	-15.48	68.2	44.45	41.73	22.62	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5455.76	62.26	-11.74	74	51.32	34.7	11.56	35.32	225	358	P	H
		5470	63.64	-4.56	68.2	52.56	34.8	11.59	35.31	225	358	P	H
		5443.6	42.38	-11.62	54	31.44	34.7	11.56	35.32	225	358	A	H
	*	5500	121.01	-	-	109.72	35	11.59	35.3	225	358	P	H
	*	5500	111.91	-	-	100.62	35	11.59	35.3	225	358	A	H
													H
		5459.99	59.66	-14.34	74	48.71	34.7	11.56	35.31	112	355	P	V
		5470	66.04	-2.16	68.2	54.96	34.8	11.59	35.31	112	355	P	V
		5443.76	43.91	-10.09	54	32.97	34.7	11.56	35.32	112	355	A	V
	*	5500	122.98	-	-	111.69	35	11.59	35.3	112	355	P	V
	*	5500	114.56	-	-	103.27	35	11.59	35.3	112	355	A	V
													V
802.11ax HE20 Partial 26/4 CH 116 5580MHz		5403.52	62.43	-11.57	74	51.53	34.7	11.53	35.33	204	0	P	H
		5466.64	50.03	-18.17	68.2	38.95	34.8	11.59	35.31	204	0	P	H
		5459.68	43.92	-10.08	54	32.97	34.7	11.56	35.31	204	0	A	H
	*	5580	121.71	-	-	110.5	34.87	11.65	35.31	204	0	P	H
	*	5580	111.68	-	-	100.47	34.87	11.65	35.31	204	0	A	H
		5756.81	52.17	-16.03	68.2	40.62	35	11.88	35.33	204	0	P	H
		5387.68	54.09	-19.91	74	43.27	34.63	11.53	35.34	102	355	P	V
		5462.8	50.46	-17.74	68.2	39.38	34.8	11.59	35.31	102	355	P	V
		5387.2	45.94	-8.06	54	35.12	34.63	11.53	35.34	102	355	A	V
	*	5580	123.51	-	-	112.3	34.87	11.65	35.31	102	355	P	V
	*	5580	113.41	-	-	102.2	34.87	11.65	35.31	102	355	A	V
		5760.59	53.26	-14.94	68.2	41.71	35	11.88	35.33	102	355	P	V



802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	116.96	-	-	105.5	35	11.78	35.32	215	0	P	H
	*	5700	107.56	-	-	96.1	35	11.78	35.32	215	0	A	H
		5725.96	64.33	-3.87	68.2	52.82	35	11.83	35.32	215	0	P	H
													H
													H
													H
	*	5700	120.96	-	-	109.5	35	11.78	35.32	118	305	P	V
	*	5700	111.66	-	-	100.2	35	11.78	35.32	118	305	A	V
		5726.68	65.94	-2.26	68.2	54.43	35	11.83	35.32	118	305	P	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5500MHz		11000	49.04	-24.96	74	51.33	37.9	18.13	58.32	100	0	P	H
		16500	52.38	-15.82	68.2	45.7	41.6	21.85	56.77	100	0	P	H
													H
													H
		11000	48.55	-25.45	74	50.84	37.9	18.13	58.32	100	0	P	V
		16500	52.24	-15.96	68.2	45.56	41.6	21.85	56.77	100	0	P	V
													V
													V
802.11ax HE20 Partial 26/4 CH 116 5580MHz		11160	50.69	-23.31	74	52.6	37.9	18.21	58.02	100	0	P	H
		11160	40.21	-13.79	54	42.12	37.9	18.21	58.02	100	0	A	H
		16740	53.6	-14.6	68.2	45.6	42.36	22.14	56.5	100	0	P	H
													H
		11160	50.42	-23.58	74	52.33	37.9	18.21	58.02	100	0	P	V
		11160	40.41	-13.59	54	42.32	37.9	18.21	58.02	100	0	A	V
		16740	53.68	-14.52	68.2	45.68	42.36	22.14	56.5	100	0	P	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz		11400	49.03	-24.97	74	50.21	38.1	18.33	57.61	100	0	P	H
		17100	54.83	-13.37	68.2	46.42	42	22.54	56.13	100	0	P	H
													H
													H
		11400	48.24	-25.76	74	49.42	38.1	18.33	57.61	100	0	P	V
		17100	53.97	-14.23	68.2	45.56	42	22.54	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		5459.76	60.94	-13.06	74	49.99	34.7	11.56	35.31	220	0	P	H
		5464.56	63.9	-4.3	68.2	52.82	34.8	11.59	35.31	220	0	P	H
		5434	49.3	-4.7	54	38.36	34.7	11.56	35.32	220	0	A	H
	*	5500	119.29	-	-	108	35	11.59	35.3	220	0	P	H
	*	5500	110.59	-	-	99.3	35	11.59	35.3	220	0	A	H
													H
		5460.08	62.65	-5.55	68.2	51.67	34.7	11.59	35.31	100	353	P	V
		5465.04	66.63	-1.57	68.2	55.55	34.8	11.59	35.31	100	353	P	V
		5434	51.32	-2.68	54	40.38	34.7	11.56	35.32	100	353	A	V
	*	5500	122.49	-	-	111.2	35	11.59	35.3	100	353	P	V
	*	5500	112.69	-	-	101.4	35	11.59	35.3	100	353	A	V
													V
802.11ax HE20 Partial 52/40 CH 140 5700MHz	*	5700	114.66	-	-	103.2	35	11.78	35.32	228	9	P	H
	*	5700	104.56	-	-	93.1	35	11.78	35.32	228	9	A	H
		5725.24	63.82	-4.38	68.2	52.31	35	11.83	35.32	228	9	P	H
													H
													H
													H
	*	5700	116.76	-	-	105.3	35	11.78	35.32	100	331	P	V
	*	5700	108.16	-	-	96.7	35	11.78	35.32	100	331	A	V
		5725.48	65.92	-2.28	68.2	54.41	35	11.83	35.32	100	331	P	V
													V
Remark													V
													V
													V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		11000	48.9	-25.1	74	51.19	37.9	18.13	58.32	100	0	P	H
		16500	52.11	-16.09	68.2	45.43	41.6	21.85	56.77	100	0	P	H
													H
													H
		11000	48.53	-25.47	74	50.82	37.9	18.13	58.32	100	0	P	V
		16500	52.35	-15.85	68.2	45.67	41.6	21.85	56.77	100	0	P	V
													V
													V
802.11ax HE20 Partial 52/40 CH 140 5700MHz		11400	49.55	-24.45	74	50.73	38.1	18.33	57.61	100	0	P	H
		17100	54.31	-13.89	68.2	45.9	42	22.54	56.13	100	0	P	H
													H
													H
		11400	49.43	-24.57	74	50.61	38.1	18.33	57.61	100	0	P	V
		17100	55.79	-12.41	68.2	47.38	42	22.54	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5437.04	54.49	-19.51	74	43.55	34.7	11.56	35.32	220	0	P	H
		5469.84	61.63	-6.57	68.2	50.55	34.8	11.59	35.31	220	0	P	H
		5438.16	48.17	-5.83	54	37.23	34.7	11.56	35.32	220	0	A	H
	*	5500	118.89	-	-	107.6	35	11.59	35.3	220	0	P	H
	*	5500	109.49	-	-	98.2	35	11.59	35.3	220	0	A	H
													H
		5438.48	54.77	-19.23	74	43.83	34.7	11.56	35.32	120	354	P	V
		5470	63.1	-5.1	68.2	52.02	34.8	11.59	35.31	120	354	P	V
		5438.16	49.18	-4.82	54	38.24	34.7	11.56	35.32	120	354	A	V
	*	5500	121.19	-	-	109.9	35	11.59	35.3	120	354	P	V
	*	5500	112.79	-	-	101.5	35	11.59	35.3	120	354	A	V
													V
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	114.26	-	-	102.8	35	11.78	35.32	218	0	P	H
	*	5700	103.56	-	-	92.1	35	11.78	35.32	218	0	A	H
		5725.88	58.6	-9.6	68.2	47.09	35	11.83	35.32	218	0	P	H
													H
													H
													H
	*	5700	118.96	-	-	107.5	35	11.78	35.32	220	304	P	V
	*	5700	108.76	-	-	97.3	35	11.78	35.32	220	304	A	V
		5725.4	66.72	-1.48	68.2	55.21	35	11.83	35.32	220	304	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		11000	49.32	-24.68	74	51.61	37.9	18.13	58.32	100	0	P	H
		16500	52.16	-16.04	68.2	45.48	41.6	21.85	56.77	100	0	P	H
													H
													H
		11000	49.06	-24.94	74	51.35	37.9	18.13	58.32	100	0	P	V
		16500	52	-16.2	68.2	45.32	41.6	21.85	56.77	100	0	P	V
													V
													V
802.11ax HE20 Partial 106/54 CH 140 5700MHz		11400	49.9	-24.1	74	51.08	38.1	18.33	57.61	100	0	P	H
		17100	54.48	-13.72	68.2	46.07	42	22.54	56.13	100	0	P	H
													H
													H
		11400	49.36	-24.64	74	50.54	38.1	18.33	57.61	100	0	P	V
		17100	54.09	-14.11	68.2	45.68	42	22.54	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5459.44	61.17	-12.83	74	50.22	34.7	11.56	35.31	217	360	P	H
		5467.6	64.77	-3.43	68.2	53.69	34.8	11.59	35.31	217	360	P	H
		5459.92	46.25	-7.75	54	35.3	34.7	11.56	35.31	217	360	A	H
	*	5510	109.52	-	-	98.2	35	11.62	35.3	217	360	P	H
	*	5510	100.92	-	-	89.6	35	11.62	35.3	217	360	A	H
		5764.37	50.55	-17.65	68.2	39	35	11.88	35.33	217	360	P	H
		5459.92	63.82	-10.18	74	52.87	34.7	11.56	35.31	217	339	P	V
		5468.32	65.68	-2.52	68.2	54.6	34.8	11.59	35.31	217	339	P	V
		5459.92	47.76	-6.24	54	36.81	34.7	11.56	35.31	217	339	A	V
	*	5510	112.02	-	-	100.7	35	11.62	35.3	217	339	P	V
	*	5510	102.83	-	-	91.51	35	11.62	35.3	217	339	A	V
		5760.275	51.85	-16.35	68.2	40.3	35	11.88	35.33	217	339	P	V
802.11ax HE40 Full CH 110 5550MHz		5419.12	49.95	-24.05	74	39.05	34.7	11.53	35.33	202	0	P	H
		5467.12	54.78	-13.42	68.2	43.7	34.8	11.59	35.31	202	0	P	H
		5459.2	40.9	-13.1	54	29.95	34.7	11.56	35.31	202	0	A	H
	*	5550	111.04	-	-	99.9	34.8	11.65	35.31	202	0	P	H
	*	5550	101.94	-	-	90.8	34.8	11.65	35.31	202	0	A	H
		5742.005	50.64	-17.56	68.2	39.08	35	11.88	35.32	202	0	P	H
		5397.04	50.88	-23.12	74	39.99	34.7	11.53	35.34	204	337	P	V
		5467.84	54.5	-13.7	68.2	43.42	34.8	11.59	35.31	204	337	P	V
		5455.6	41.02	-12.98	54	30.08	34.7	11.56	35.32	204	337	A	V
	*	5550	114.25	-	-	103.11	34.8	11.65	35.31	204	337	P	V
	*	5550	104.15	-	-	93.01	34.8	11.65	35.31	204	337	A	V
		5760.275	52.56	-15.64	68.2	41.01	35	11.88	35.33	204	337	P	V



802.11ax HE40 Full CH 134 5670MHz		5400.75	49.9	-24.1	74	39	34.7	11.53	35.33	273	6	P	H
		5468.3	49.86	-18.34	68.2	38.78	34.8	11.59	35.31	273	6	P	H
		5459.9	40.38	-13.62	54	29.43	34.7	11.56	35.31	273	6	A	H
	*	5670	111.71	-	-	100.4	34.85	11.78	35.32	273	6	P	H
	*	5670	101.65	-	-	90.34	34.85	11.78	35.32	273	6	A	H
		5725.625	59.46	-8.74	68.2	47.95	35	11.83	35.32	273	6	P	H
		5416.15	50.24	-23.76	74	39.34	34.7	11.53	35.33	208	341	P	V
		5462.35	50.83	-17.37	68.2	39.85	34.7	11.59	35.31	208	341	P	V
		5459.2	40.55	-13.45	54	29.6	34.7	11.56	35.31	208	341	A	V
	*	5670	114.21	-	-	102.9	34.85	11.78	35.32	208	341	P	V
	*	5670	103.71	-	-	92.4	34.85	11.78	35.32	208	341	A	V
		5730.7	63.89	-4.31	68.2	52.38	35	11.83	35.32	208	341	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		11020	48.02	-25.98	74	50.28	37.9	18.13	58.29	100	0	P	H
		16530	53.59	-14.61	68.2	46.75	41.67	21.9	56.73	100	0	P	H
													H
													H
		11020	47.99	-26.01	74	50.25	37.9	18.13	58.29	100	0	P	V
		16530	53.35	-14.85	68.2	46.51	41.67	21.9	56.73	100	0	P	V
													V
													V
802.11ax HE40 Full CH 110 5550MHz		11100	49.57	-24.43	74	51.64	37.9	18.17	58.14	100	0	P	H
		16650	51.85	-16.35	68.2	44.32	42.1	22.03	56.6	100	0	P	H
													H
													H
		11100	48.11	-25.89	74	50.18	37.9	18.17	58.14	100	0	P	V
		16650	52.92	-15.28	68.2	45.39	42.1	22.03	56.6	100	0	P	V
													V
													V
802.11ax HE40 Full CH 134 5670MHz		11340	48.11	-25.89	74	49.52	38.03	18.29	57.73	100	0	P	H
		17010	53.68	-14.52	68.2	45.25	42.17	22.46	56.2	100	0	P	H
													H
													H
		11340	48.99	-25.01	74	50.4	38.03	18.29	57.73	100	0	P	V
		17010	53.61	-14.59	68.2	45.18	42.17	22.46	56.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		5455.36	57.07	-16.93	74	46.13	34.7	11.56	35.32	228	0	P	H
		5470	60.45	-7.75	68.2	49.37	34.8	11.59	35.31	228	0	P	H
		5458.96	48.56	-5.44	54	37.61	34.7	11.56	35.31	228	0	A	H
	*	5510	108.82	-	-	97.5	35	11.62	35.3	228	0	P	H
	*	5510	99.92	-	-	88.6	35	11.62	35.3	228	0	A	H
		5752.085	51.94	-16.26	68.2	40.39	35	11.88	35.33	228	0	P	H
		5455.36	60.92	-13.08	74	49.98	34.7	11.56	35.32	114	354	P	V
		5470	62.7	-5.5	68.2	51.62	34.8	11.59	35.31	114	354	P	V
		5454.64	51.04	-2.96	54	40.1	34.7	11.56	35.32	114	354	A	V
	*	5510	110.12	-	-	98.8	35	11.62	35.3	114	354	P	V
	*	5510	102.82	-	-	91.5	35	11.62	35.3	114	354	A	V
		5760.59	51.65	-16.55	68.2	40.1	35	11.88	35.33	114	354	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5399.35	51.39	-22.61	74	40.49	34.7	11.53	35.33	206	3	P	H
		5462.7	49.38	-18.82	68.2	38.3	34.8	11.59	35.31	206	3	P	H
		5401.8	43.26	-10.74	54	32.36	34.7	11.53	35.33	206	3	A	H
	*	5670	112.41	-	-	101.1	34.85	11.78	35.32	206	3	P	H
	*	5670	103.51	-	-	92.2	34.85	11.78	35.32	206	3	A	H
		5729.825	64.24	-3.96	68.2	52.73	35	11.83	35.32	206	3	P	H
		5374.5	51.15	-22.85	74	40.43	34.57	11.49	35.34	226	310	P	V
		5468.3	50.65	-17.55	68.2	39.57	34.8	11.59	35.31	226	310	P	V
		5452.9	43.12	-10.88	54	32.18	34.7	11.56	35.32	226	310	A	V
	*	5670	114.61	-	-	103.3	34.85	11.78	35.32	226	310	P	V
	*	5670	106.61	-	-	95.3	34.85	11.78	35.32	226	310	A	V
		5735.6	67.12	-1.08	68.2	55.61	35	11.83	35.32	226	310	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		11020	48.4	-25.6	74	50.66	37.9	18.13	58.29	100	0	P	H
		16530	52.82	-15.38	68.2	45.98	41.67	21.9	56.73	100	0	P	H
													H
													H
		11020	47.84	-26.16	74	50.1	37.9	18.13	58.29	100	0	P	V
		16530	52.38	-15.82	68.2	45.54	41.67	21.9	56.73	100	0	P	V
													V
													V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		11340	50.34	-23.66	74	51.75	38.03	18.29	57.73	100	0	P	H
		17010	52.74	-15.46	68.2	44.31	42.17	22.46	56.2	100	0	P	H
													H
													H
		11340	49.97	-24.03	74	51.38	38.03	18.29	57.73	100	0	P	V
		17010	52.66	-15.54	68.2	44.23	42.17	22.46	56.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5455.84	64.81	-9.19	74	53.87	34.7	11.56	35.32	189	360	P	H
		5463.28	65.42	-2.78	68.2	54.34	34.8	11.59	35.31	189	360	P	H
		5459.92	44.78	-9.22	54	33.83	34.7	11.56	35.31	189	360	A	H
	*	5530	105.55	-	-	94.3	34.93	11.62	35.3	189	360	P	H
	*	5530	95.95	-	-	84.7	34.93	11.62	35.3	189	360	A	H
		5748.935	51.19	-17.01	68.2	39.63	35	11.88	35.32	189	360	P	H
		5456.32	63.12	-10.88	74	52.17	34.7	11.56	35.31	247	339	P	V
		5461.36	65.98	-2.22	68.2	55	34.7	11.59	35.31	247	339	P	V
		5459.68	45.66	-8.34	54	34.71	34.7	11.56	35.31	247	339	A	V
	*	5530	108.55	-	-	97.3	34.93	11.62	35.3	247	339	P	V
	*	5530	98.14	-	-	86.89	34.93	11.62	35.3	247	339	A	V
		5753.66	51.55	-16.65	68.2	40	35	11.88	35.33	247	339	P	V
802.11ax HE80 Full CH 122 5610MHz		5459.2	51.72	-22.28	74	40.77	34.7	11.56	35.31	199	5	P	H
		5468.65	52.58	-15.62	68.2	41.5	34.8	11.59	35.31	199	5	P	H
		5459.9	41.11	-12.89	54	30.16	34.7	11.56	35.31	199	5	A	H
	*	5610	108.47	-	-	97.1	35	11.68	35.31	199	5	P	H
	*	5610	98.67	-	-	87.3	35	11.68	35.31	199	5	A	H
		5729.3	54.52	-13.68	68.2	43.01	35	11.83	35.32	199	5	P	H
		5459.9	53.23	-20.77	74	42.28	34.7	11.56	35.31	239	338	P	V
		5465.15	56.2	-12	68.2	45.12	34.8	11.59	35.31	239	338	P	V
		5459.55	43.05	-10.95	54	32.1	34.7	11.56	35.31	239	338	A	V
	*	5610	109.97	-	-	98.6	35	11.68	35.31	239	338	P	V
	*	5610	100.67	-	-	89.3	35	11.68	35.31	239	338	A	V
		5736.125	56.48	-11.72	68.2	44.97	35	11.83	35.32	239	338	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		11060	49.16	-24.84	74	51.31	37.9	18.15	58.2	100	0	P	H
		16590	52.23	-15.97	68.2	45.15	41.77	21.98	56.67	100	0	P	H
													H
													H
		11060	48.73	-25.27	74	50.88	37.9	18.15	58.2	100	0	P	V
		16590	53.22	-14.98	68.2	46.14	41.77	21.98	56.67	100	0	P	V
													V
													V
802.11ax HE80 Full CH 122 5610MHz		11220	49.31	-24.69	74	51.09	37.92	18.23	57.93	100	0	P	H
		16830	51.16	-17.04	68.2	42.99	42.3	22.27	56.4	100	0	P	H
													H
													H
		11220	49.76	-24.24	74	51.54	37.92	18.23	57.93	100	0	P	V
		16830	52.6	-15.6	68.2	44.43	42.3	22.27	56.4	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/61 CH 106 5530MHz		5440	60.77	-13.23	74	49.83	34.7	11.56	35.32	250	0	P	H
		5469.52	61.26	-6.94	68.2	50.18	34.8	11.59	35.31	250	0	P	H
		5439.28	49.9	-4.1	54	38.96	34.7	11.56	35.32	250	0	A	H
	*	5530	109.04	-	-	97.79	34.93	11.62	35.3	250	0	P	H
	*	5530	101.01	-	-	89.76	34.93	11.62	35.3	250	0	A	H
		5745.47	52.01	-16.19	68.2	40.45	35	11.88	35.32	250	0	P	H
		5440.48	63.64	-10.36	74	52.7	34.7	11.56	35.32	168	355	P	V
		5469.52	62.69	-5.51	68.2	51.61	34.8	11.59	35.31	168	355	P	V
		5440	52.57	-1.43	54	41.63	34.7	11.56	35.32	168	355	A	V
	*	5530	109.95	-	-	98.7	34.93	11.62	35.3	168	355	P	V
	*	5530	103.1	-	-	91.85	34.93	11.62	35.3	168	355	A	V
		5752.4	51.87	-16.33	68.2	40.32	35	11.88	35.33	168	355	P	V
802.11ax HE80 Partial 242/64 CH 122 5610MHz		5443.8	58.25	-15.75	74	47.31	34.7	11.56	35.32	290	5	P	H
		5469	53.43	-14.77	68.2	42.35	34.8	11.59	35.31	290	5	P	H
		5443.45	46.81	-7.19	54	35.87	34.7	11.56	35.32	290	5	A	H
	*	5610	111.21	-	-	99.84	35	11.68	35.31	290	5	P	H
	*	5610	103.72	-	-	92.35	35	11.68	35.31	290	5	A	H
		5735.25	60.25	-7.95	68.2	48.74	35	11.83	35.32	290	5	P	H
		5443.1	60.91	-13.09	74	49.97	34.7	11.56	35.32	223	309	P	V
		5469	55.95	-12.25	68.2	44.87	34.8	11.59	35.31	223	309	P	V
		5443.1	49.6	-4.4	54	38.66	34.7	11.56	35.32	223	309	A	V
	*	5610	116.08	-	-	104.71	35	11.68	35.31	223	309	P	V
	*	5610	107.67	-	-	96.3	35	11.68	35.31	223	309	A	V
		5730.525	65.78	-2.42	68.2	54.27	35	11.83	35.32	223	309	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/61 CH 106 5530MHz		11060	48.03	-25.97	74	50.18	37.9	18.15	58.2	100	0	P	H
		16590	53.76	-14.44	68.2	46.68	41.77	21.98	56.67	100	0	P	H
													H
													H
		11060	48.66	-25.34	74	50.81	37.9	18.15	58.2	100	0	P	V
		16590	52.95	-15.25	68.2	45.87	41.77	21.98	56.67	100	0	P	V
													V
													V
802.11ax HE80 Partial 242/64 CH 122 5610MHz		11220	48.96	-25.04	74	50.74	37.92	18.23	57.93	100	0	P	H
		16830	52.73	-15.47	68.2	44.56	42.3	22.27	56.4	100	0	P	H
													H
													H
		11220	50.18	-23.82	74	51.96	37.92	18.23	57.93	100	0	P	V
		16830	52.73	-15.47	68.2	44.56	42.3	22.27	56.4	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 144 5720MHz		5437.75	50.15	-23.85	74	39.21	34.7	11.56	35.32	343	10	P	H
		5466.22	50.01	-18.19	68.2	38.93	34.8	11.59	35.31	343	10	P	H
		5441.65	41	-13	54	30.06	34.7	11.56	35.32	343	10	P	H
	*	5720	114.88	-	-	103.37	35	11.83	35.32	343	10	P	H
	*	5720	104.4	-	-	92.89	35	11.83	35.32	343	10	A	H
		5897	51.22	-16.98	68.2	39.34	35.2	12.02	35.34	343	10	P	H
		5396.8	49.62	-24.38	74	38.73	34.7	11.53	35.34	276	314	P	V
		5462.32	48.8	-19.4	68.2	37.82	34.7	11.59	35.31	276	314	P	V
		5452.18	40.84	-13.16	54	29.9	34.7	11.56	35.32	276	314	A	V
	*	5720	119.99	-	-	108.48	35	11.83	35.32	276	314	P	V
	*	5720	108.99	-	-	97.48	35	11.83	35.32	276	314	A	V
		5879.25	51.77	-16.43	68.2	39.96	35.13	12.02	35.34	276	314	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		11440	47.37	-26.63	74	48.44	38.13	18.35	57.55	100	0	P	H
		17160	52.11	-16.09	68.2	43.84	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	47.03	-26.97	74	48.1	38.13	18.35	57.55	100	0	P	V
		17160	52.6	-15.6	68.2	44.33	41.73	22.62	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 144 5720MHz		5433.46	54.58	-19.42	74	43.64	34.7	11.56	35.32	400	10	P	H
		5463.49	48.96	-19.24	68.2	37.88	34.8	11.59	35.31	400	10	P	H
		5452.96	40.42	-13.58	54	29.48	34.7	11.56	35.32	400	10	A	H
	*	5720	121.96	-	-	110.45	35	11.83	35.32	400	10	P	H
	*	5720	113.31	-	-	101.8	35	11.83	35.32	400	10	A	H
		5853.75	50.24	-17.96	68.2	38.53	35.07	11.98	35.34	400	10	P	H
		5419.81	55.22	-18.78	74	44.32	34.7	11.53	35.33	273	313	P	V
		5461.93	49.7	-18.5	68.2	38.72	34.7	11.59	35.31	273	313	P	V
		5451.01	41.5	-12.5	54	30.56	34.7	11.56	35.32	273	313	A	V
	*	5720	126.09	-	-	114.58	35	11.83	35.32	273	313	P	V
	*	5720	118	-	-	106.49	35	11.83	35.32	273	313	A	V
		5919.5	57.16	-11.04	68.2	45.23	35.2	12.07	35.34	273	313	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 144 5720MHz		11440	48.17	-25.83	74	49.24	38.13	18.35	57.55	100	0	P	H
		17160	52.47	-15.73	68.2	44.2	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	49.91	-24.09	74	50.98	38.13	18.35	57.55	100	0	P	V
		17160	51.58	-16.62	68.2	43.31	41.73	22.62	56.08	100	0	P	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 144 5720MHz		5414.74	49.88	-24.12	74	38.98	34.7	11.53	35.33	400	13	P	H
		5468.17	50.19	-18.01	68.2	39.11	34.8	11.59	35.31	400	13	P	H
		5382.76	41.42	-12.58	54	30.6	34.63	11.53	35.34	400	13	A	H
	*	5720	121.73	-	-	110.22	35	11.83	35.32	400	13	P	H
	*	5720	111.64	-	-	100.13	35	11.83	35.32	400	13	A	H
		5863.25	50.69	-17.51	68.2	38.94	35.07	12.02	35.34	400	13	P	H
		5426.44	49.31	-24.69	74	38.38	34.7	11.56	35.33	258	312	P	V
		5461.54	49.31	-18.89	68.2	38.33	34.7	11.59	35.31	258	312	P	V
		5387.83	41.44	-12.56	54	30.62	34.63	11.53	35.34	258	312	A	V
	*	5720	125.36	-	-	113.85	35	11.83	35.32	258	312	P	V
	*	5720	116.54	-	-	105.03	35	11.83	35.32	258	312	A	V
		5881.5	50.57	-17.63	68.2	38.76	35.13	12.02	35.34	258	312	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 144 5720MHz		11440	49.51	-24.49	74	50.58	38.13	18.35	57.55	100	0	P	H
		17160	51.94	-16.26	68.2	43.67	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	48.29	-25.71	74	49.36	38.13	18.35	57.55	100	0	P	V
		17160	52.49	-15.71	68.2	44.22	41.73	22.62	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 144 5720MHz		5387.83	49.44	-24.56	74	38.62	34.63	11.53	35.34	400	10	P	H
		5465.44	48.13	-20.07	68.2	37.05	34.8	11.59	35.31	400	10	P	H
		5405.38	43	-11	54	32.1	34.7	11.53	35.33	400	10	A	H
	*	5720	118.37	-	-	106.86	35	11.83	35.32	400	10	P	H
	*	5720	110.27	-	-	98.76	35	11.83	35.32	400	10	A	H
		5929.5	50.8	-17.4	68.2	38.87	35.2	12.07	35.34	400	10	P	H
		5423.71	49.5	-24.5	74	38.57	34.7	11.56	35.33	268	315	P	V
		5470	50.27	-17.93	68.2	39.19	34.8	11.59	35.31	268	315	P	V
		5438.53	42.57	-11.43	54	31.63	34.7	11.56	35.32	268	315	A	V
	*	5720	122.5	-	-	110.99	35	11.83	35.32	268	315	P	V
	*	5720	114.48	-	-	102.97	35	11.83	35.32	268	315	A	V
		5878.75	50.87	-17.33	68.2	39.06	35.13	12.02	35.34	268	315	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 144 5720MHz		11440	48.01	-25.99	74	49.08	38.13	18.35	57.55	100	0	P	H
		17160	52.52	-15.68	68.2	44.25	41.73	22.62	56.08	100	0	P	H
													H
													H
		11440	48.24	-25.76	74	49.31	38.13	18.35	57.55	100	0	P	V
		17160	51.7	-16.5	68.2	43.43	41.73	22.62	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5439.31	49.18	-24.82	74	38.24	34.7	11.56	35.32	400	15	P	H
		5465.05	48.29	-19.91	68.2	37.21	34.8	11.59	35.31	400	15	P	H
		5443.21	39.9	-14.1	54	28.96	34.7	11.56	35.32	400	15	A	H
	*	5710	111.94	-	-	100.43	35	11.83	35.32	400	15	P	H
	*	5710	101.63	-	-	90.12	35	11.83	35.32	400	15	A	H
		5884	52.84	-15.36	68.2	41.03	35.13	12.02	35.34	400	15	P	H
		5418.25	54.39	-19.61	74	43.49	34.7	11.53	35.33	269	314	P	V
		5461.93	49.09	-19.11	68.2	38.11	34.7	11.59	35.31	269	314	P	V
		5436.58	41.02	-12.98	54	30.08	34.7	11.56	35.32	269	314	A	V
	*	5710	116.47	-	-	104.96	35	11.83	35.32	269	314	P	V
	*	5710	105.98	-	-	94.47	35	11.83	35.32	269	314	A	V
		5864.5	52.58	-15.62	68.2	40.83	35.07	12.02	35.34	269	314	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - Straddle Channel****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		11420	47.59	-26.41	74	48.71	38.12	18.34	57.58	100	0	P	H
		17130	52.59	-15.61	68.2	44.25	41.87	22.58	56.11	100	0	P	H
													H
													H
		11420	47.5	-26.5	74	48.62	38.12	18.34	57.58	100	0	P	V
		17130	52.59	-15.61	68.2	44.25	41.87	22.58	56.11	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 142 5710MHz		5423.71	50.23	-23.77	74	39.3	34.7	11.56	35.33	400	11	P	H
		5467	50.12	-18.08	68.2	39.04	34.8	11.59	35.31	400	11	P	H
		5408.5	43.06	-10.94	54	32.16	34.7	11.53	35.33	400	11	A	H
	*	5710	112.71	-	-	101.2	35	11.83	35.32	400	11	P	H
	*	5710	104.65	-	-	93.14	35	11.83	35.32	400	11	A	H
		5879	51.51	-16.69	68.2	39.7	35.13	12.02	35.34	400	11	P	H
		5415.91	50.63	-23.37	74	39.73	34.7	11.53	35.33	230	311	P	V
		5468.56	50.56	-17.64	68.2	39.48	34.8	11.59	35.31	230	311	P	V
		5443.6	43.19	-10.81	54	32.25	34.7	11.56	35.32	230	311	A	V
	*	5710	116.56	-	-	105.05	35	11.83	35.32	230	311	P	V
	*	5710	109.03	-	-	97.52	35	11.83	35.32	230	311	A	V
		5850.75	52.81	-15.39	68.2	41.17	35	11.98	35.34	230	311	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 Straddle Channel****WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 142 5710MHz		11420	49.88	-24.12	74	51	38.12	18.34	57.58	100	0	P	H
		17130	53.52	-14.68	68.2	45.18	41.87	22.58	56.11	100	0	P	H
													H
													H
		11420	48.47	-25.53	74	49.59	38.12	18.34	57.58	100	0	P	V
		17130	52.39	-15.81	68.2	44.05	41.87	22.58	56.11	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5399.53	49.43	-24.57	74	38.53	34.7	11.53	35.33	387	13	P	H
		5469.73	49.24	-18.96	68.2	38.16	34.8	11.59	35.31	387	13	P	H
		5459.59	39.25	-14.75	54	28.3	34.7	11.56	35.31	387	13	A	H
	*	5690	107.94	-	-	96.48	35	11.78	35.32	387	13	P	H
	*	5690	97.49	-	-	86.03	35	11.78	35.32	387	13	A	H
		5892.7	50.77	-17.43	68.2	38.89	35.2	12.02	35.34	387	13	P	H
		5457.64	51.17	-22.83	74	40.22	34.7	11.56	35.31	270	316	P	V
		5469.73	49.77	-18.43	68.2	38.69	34.8	11.59	35.31	270	316	P	V
		5440.09	39.77	-14.23	54	28.83	34.7	11.56	35.32	270	316	A	V
	*	5690	113.33	-	-	101.87	35	11.78	35.32	270	316	P	V
	*	5690	102.06	-	-	90.6	35	11.78	35.32	270	316	A	V
		5857	52.4	-15.8	68.2	40.69	35.07	11.98	35.34	270	316	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		11380	47.17	-26.83	74	48.42	38.08	18.31	57.64	100	0	P	H
		17070	54.31	-13.89	68.2	45.87	42.07	22.53	56.16	100	0	P	H
													H
													H
		11380	47.17	-26.83	74	48.42	38.08	18.31	57.64	100	0	P	V
		17070	53.78	-14.42	68.2	45.34	42.07	22.53	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/61 CH 138 5690MHz		5458.81	50.56	-23.44	74	39.61	34.7	11.56	35.31	299	8	P	H
		5462.71	50.64	-17.56	68.2	39.56	34.8	11.59	35.31	299	8	P	H
		5449.06	43.04	-10.96	54	32.1	34.7	11.56	35.32	299	8	A	H
	*	5690	113.24	-	-	101.78	35	11.78	35.32	299	8	P	H
	*	5690	105.12	-	-	93.66	35	11.78	35.32	299	8	A	H
		5893.3	51.69	-16.51	68.2	39.81	35.2	12.02	35.34	299	8	P	H
		5458.81	52.6	-21.4	74	41.65	34.7	11.56	35.31	306	311	P	V
		5464.27	52.63	-15.57	68.2	41.55	34.8	11.59	35.31	306	311	P	V
		5436.97	42.86	-11.14	54	31.92	34.7	11.56	35.32	306	311	A	V
	*	5690	114.12	-	-	102.66	35	11.78	35.32	306	311	P	V
	*	5690	107.4	-	-	95.94	35	11.78	35.32	306	311	A	V
		5854.6	53.88	-14.32	68.2	42.17	35.07	11.98	35.34	306	311	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 Straddle Channel****WIFI 802.11ax HE80 Partial 242 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 242/61 CH 138 5690MHz		11380	49.1	-24.9	74	50.35	38.08	18.31	57.64	100	0	P	H
		17070	52.85	-15.35	68.2	44.41	42.07	22.53	56.16	100	0	P	H
													H
													H
		11380	48.83	-25.17	74	50.08	38.08	18.31	57.64	100	0	P	V
		17070	52.89	-15.31	68.2	44.45	42.07	22.53	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

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



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

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

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission

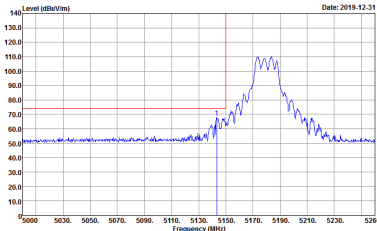
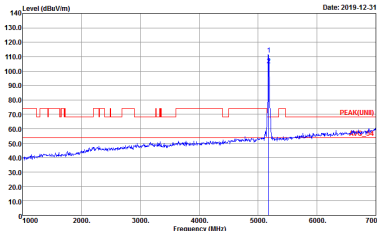
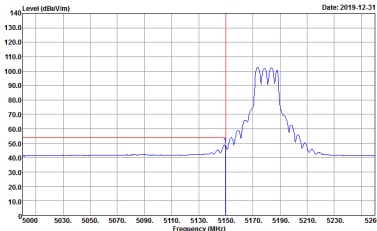
Test Engineer :	Jacky Hung, CR Liao and Andy Yang	Temperature :	20~25°C
		Relative Humidity :	50~60%

Note symbol

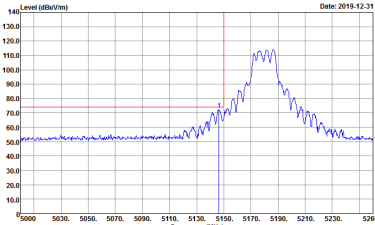
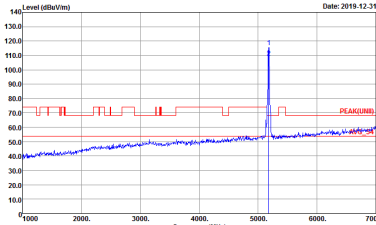
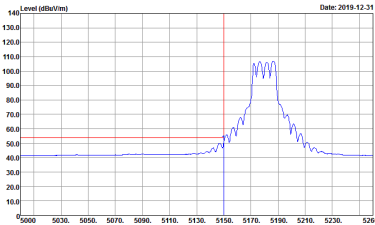
-L	Low channel location
-R	High channel location



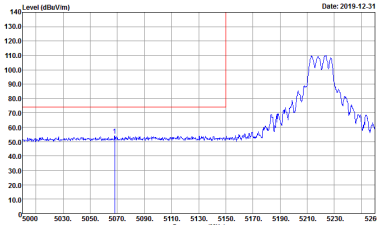
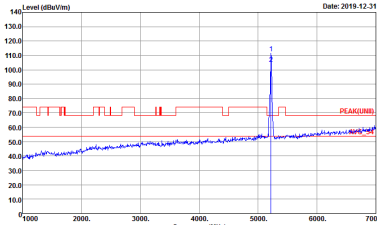
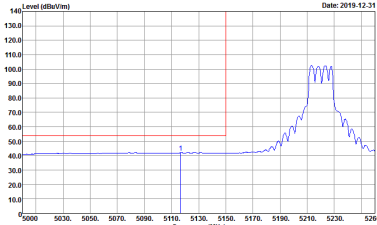
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

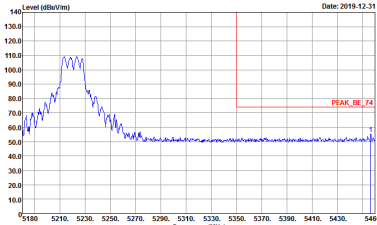
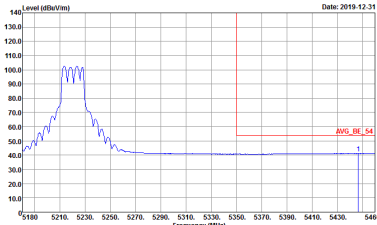


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

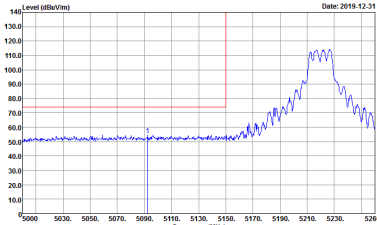
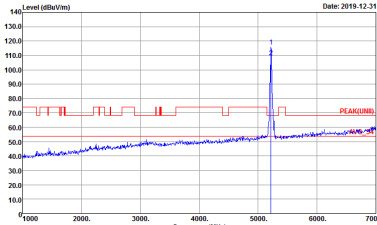
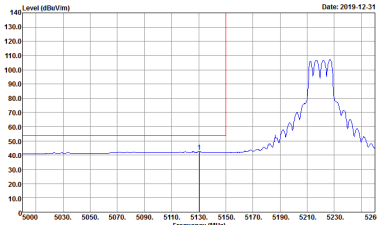


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

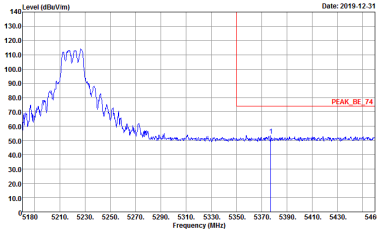
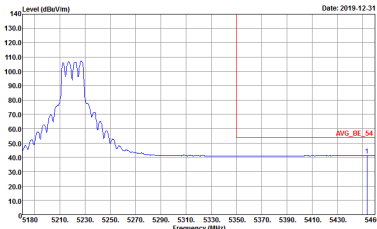


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

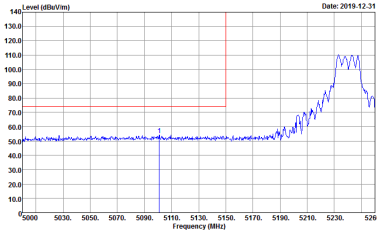
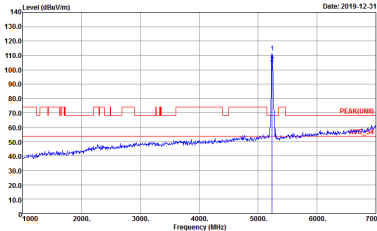
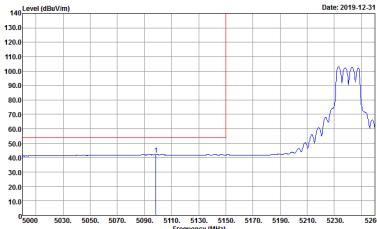


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

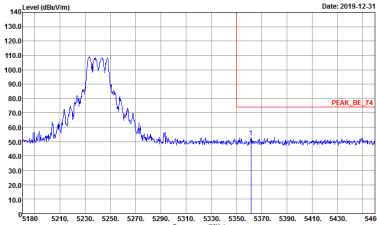
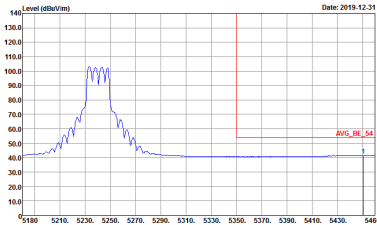


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

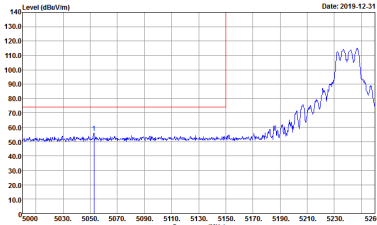
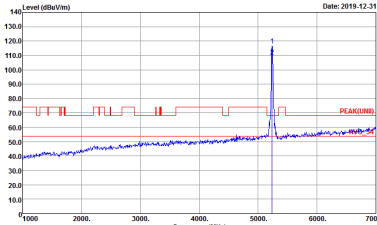
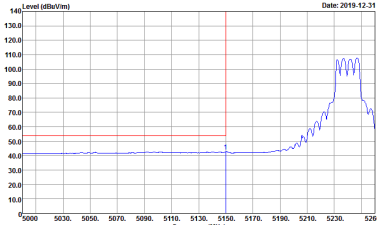


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

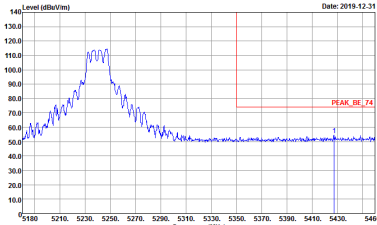
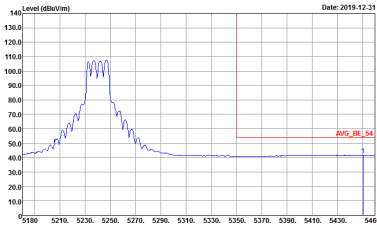


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



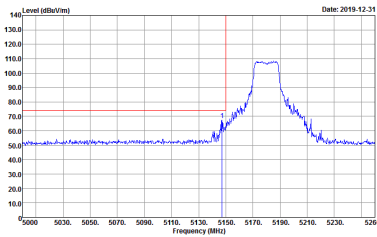
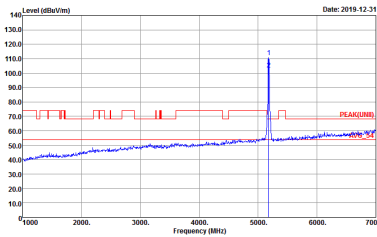
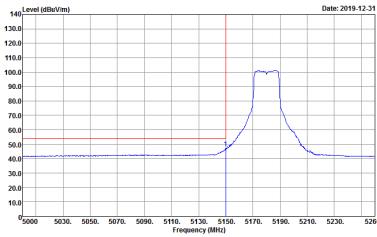
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



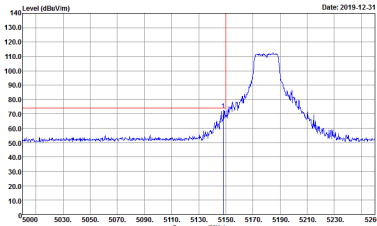
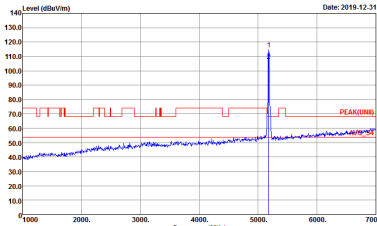
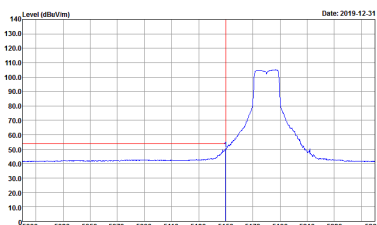
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



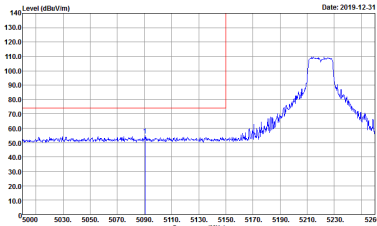
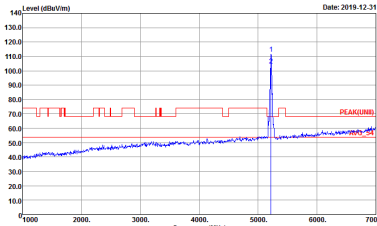
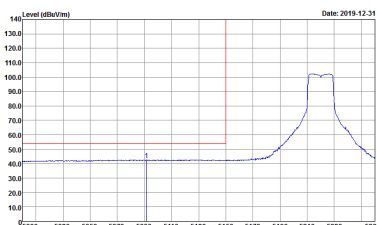
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

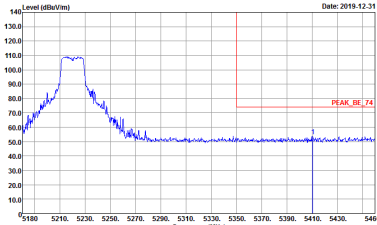
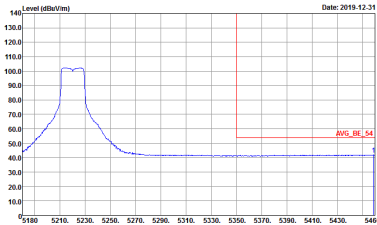


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

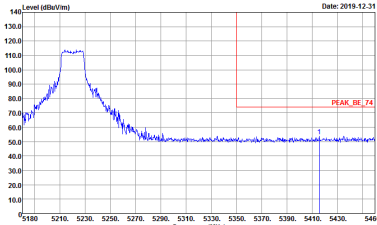
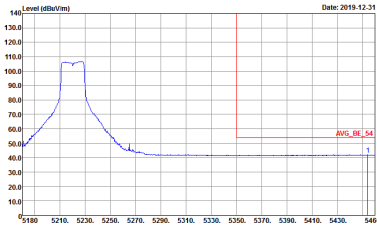


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

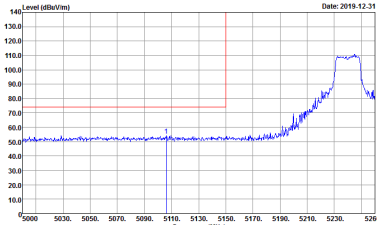
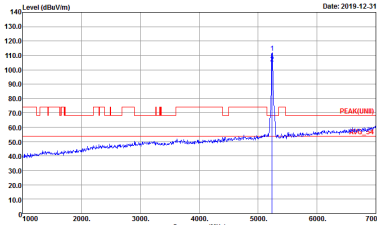
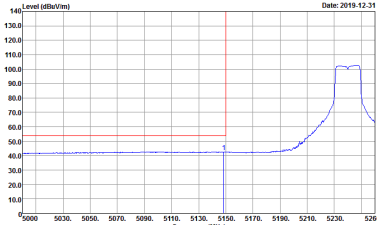


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

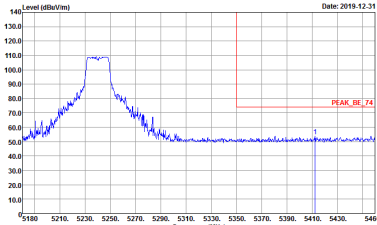
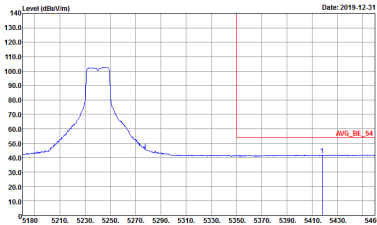


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

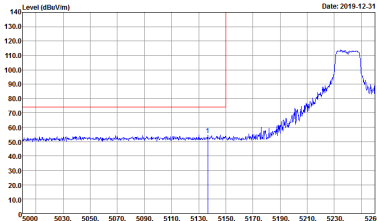
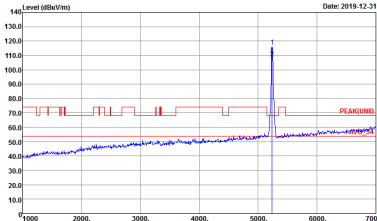
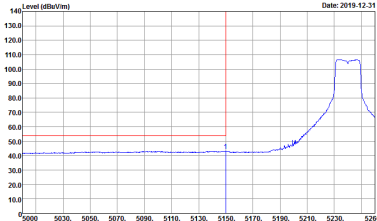


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

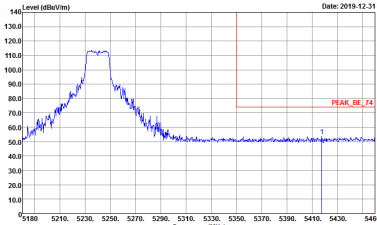
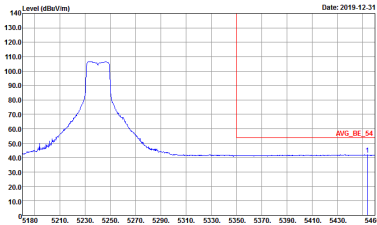


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



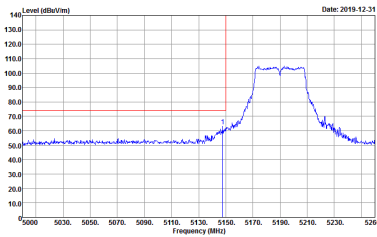
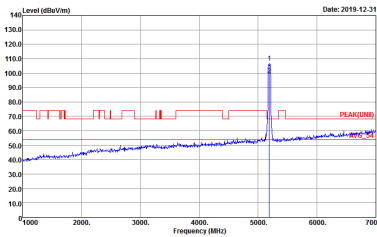
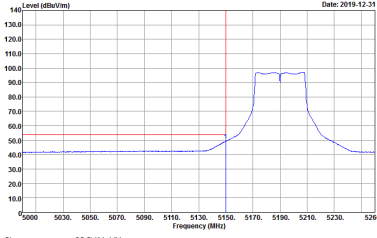
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



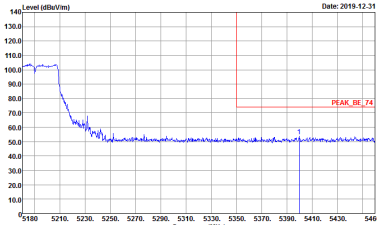
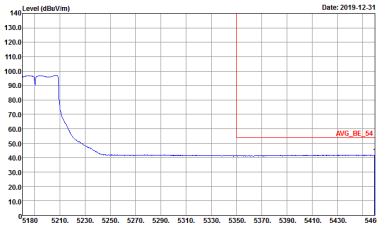
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



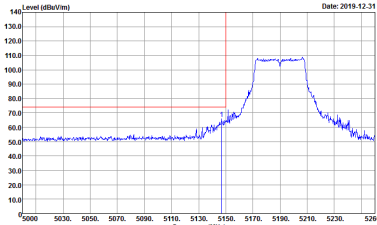
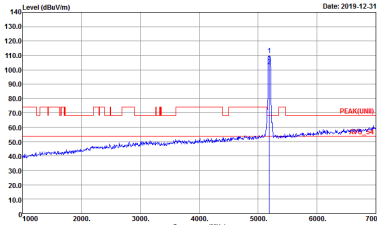
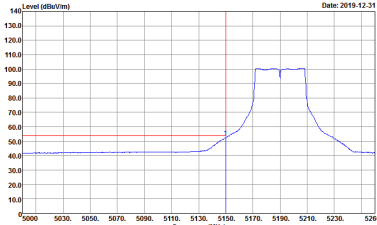
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

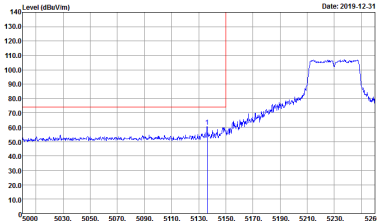
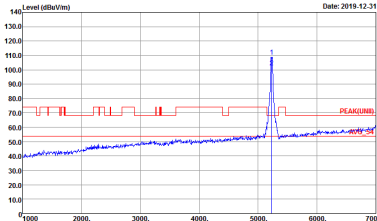
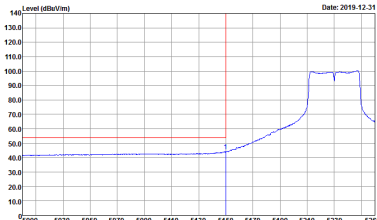


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

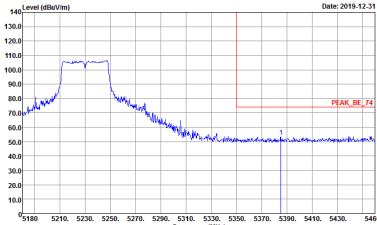
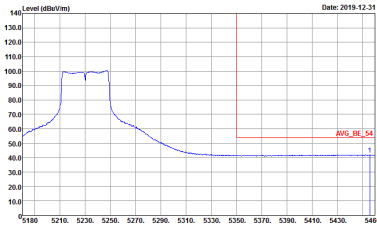


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

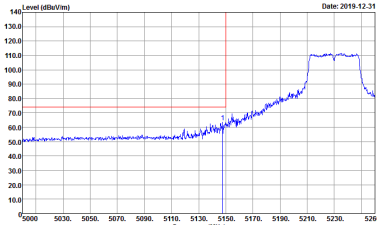
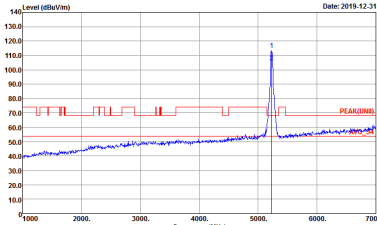
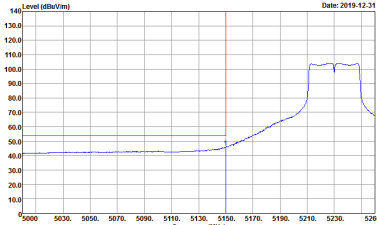


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AV6_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

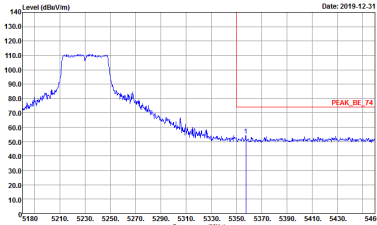
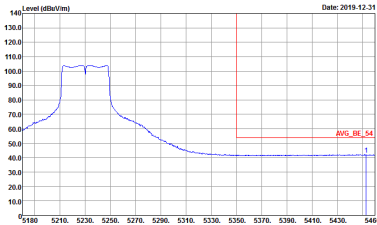


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



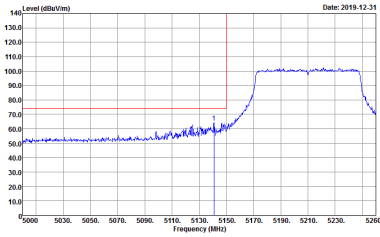
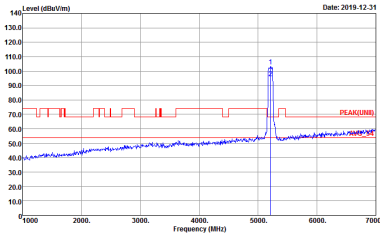
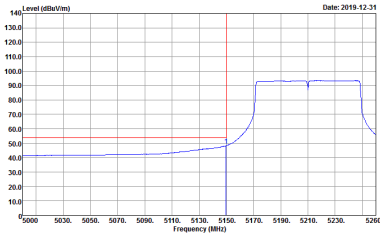
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank



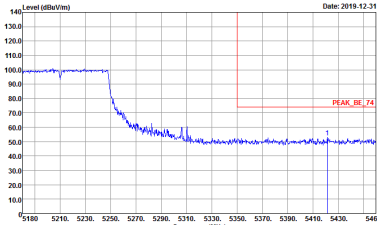
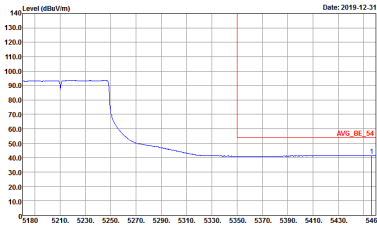
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



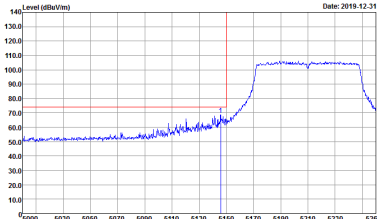
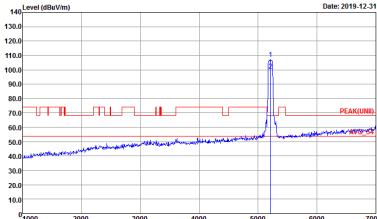
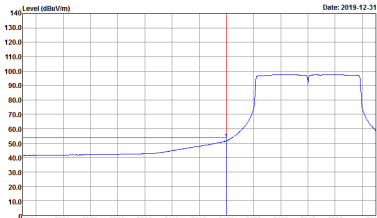
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

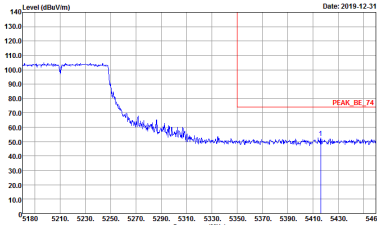
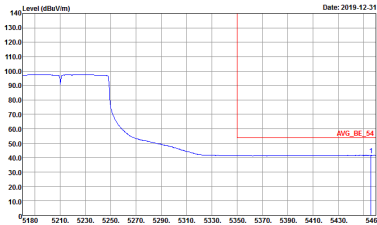


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

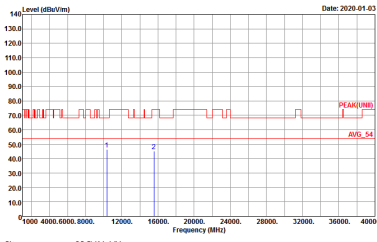
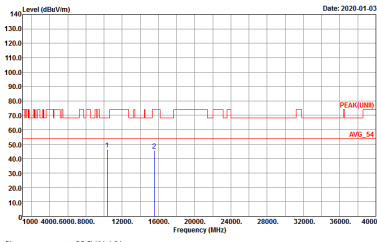


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

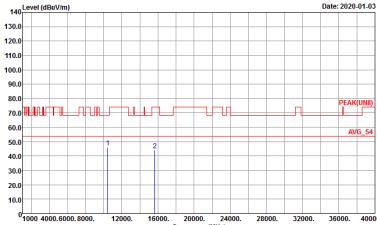
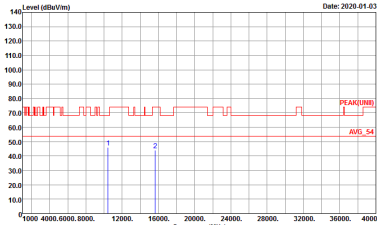


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

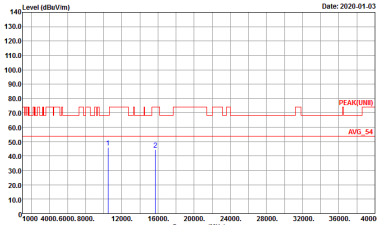
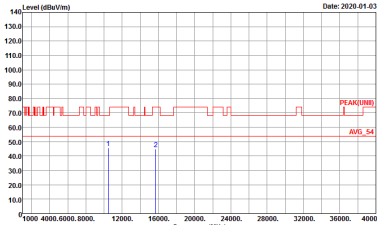
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI6-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak	 Site : 03CHI6-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak



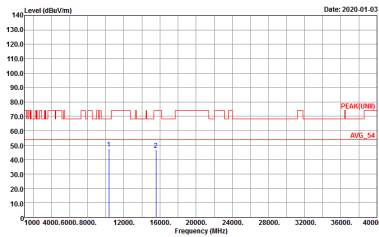
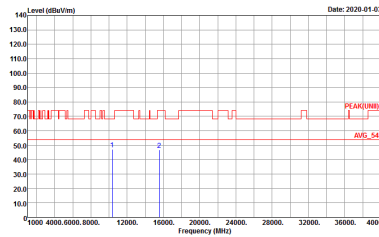
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL Detector : Peak



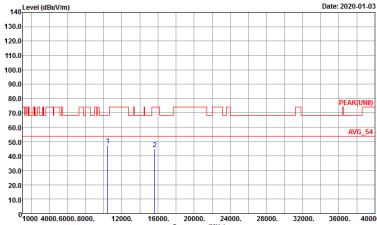
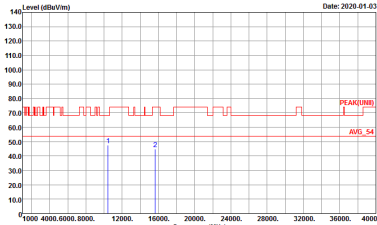
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_152Z HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_152Z VERTICAL Detector : Peak



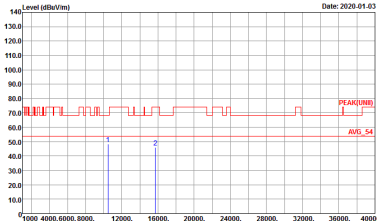
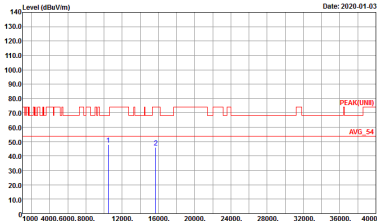
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(LINE) 3m 91200_1522 HORIZONTAL Detector : Peak	 Site : 03CH16-11Y Condition : PEAK(LINE) 3m 91200_1522 VERTICAL Detector : Peak



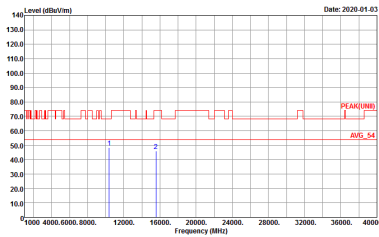
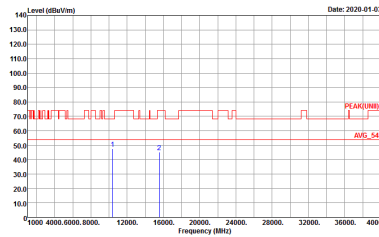
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL Detector : Peak



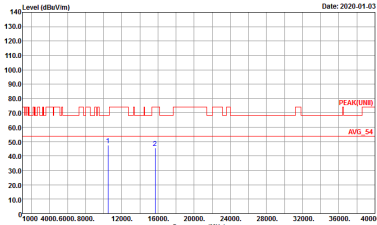
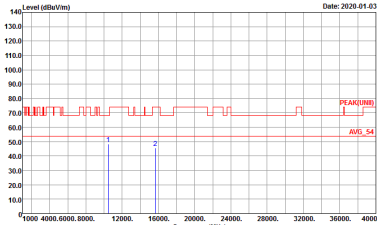
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_152Z HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_152Z VERTICAL Detector : Peak



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

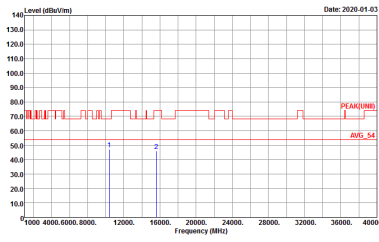
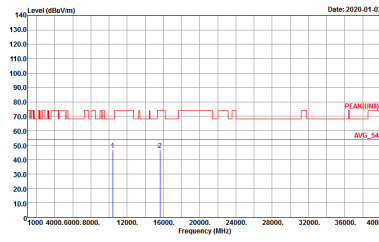
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL Detector : Peak	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL Detector : Peak



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_152Z HORIZONTAL Detector : Peak	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_152Z VERTICAL Detector : Peak

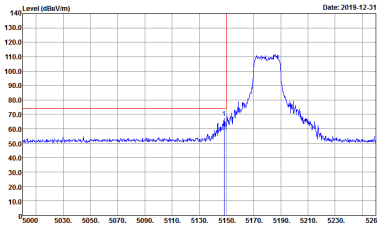
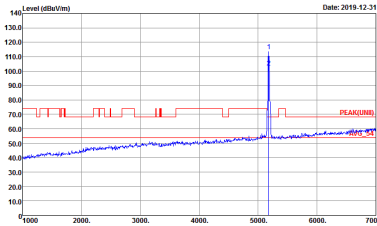
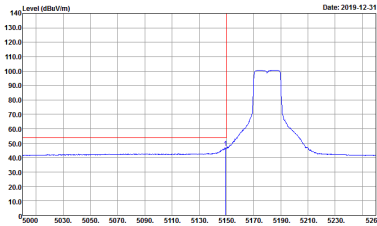


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

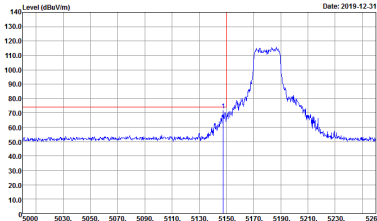
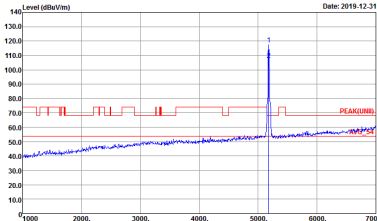
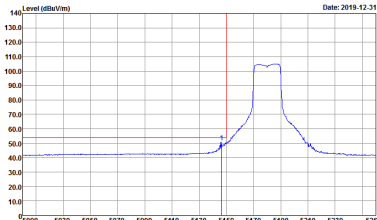
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(LINE) 3m 91200_1522 HORIZONTAL Detector : Peak	 Site : 03CH16-11Y Condition : PEAK(LINE) 3m 91200_1522 VERTICAL Detector : Peak



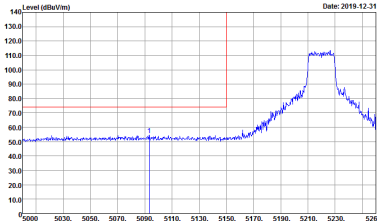
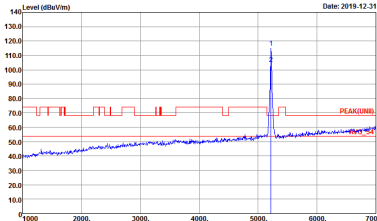
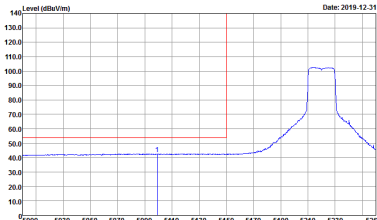
Band 1 - 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

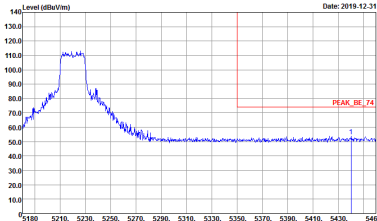
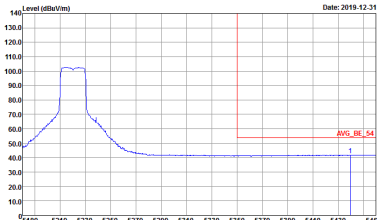


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

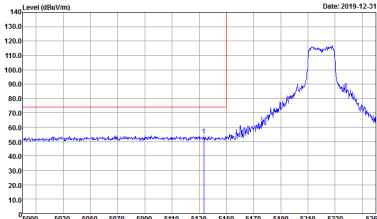
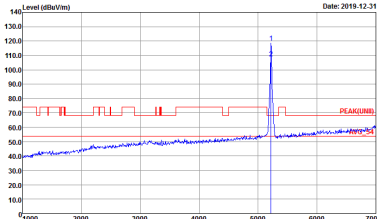
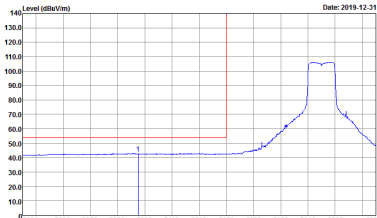


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

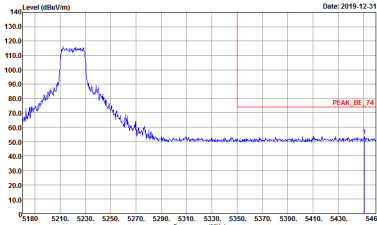
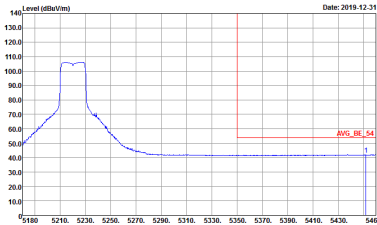


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

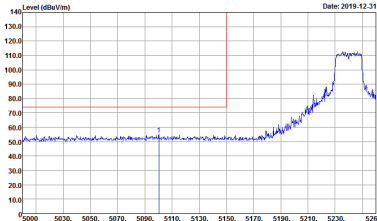
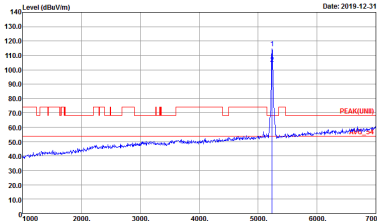
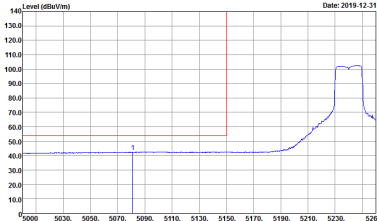


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

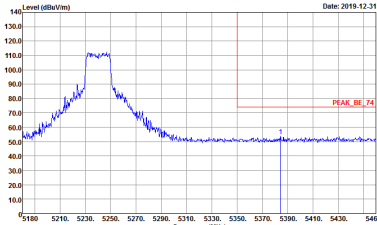
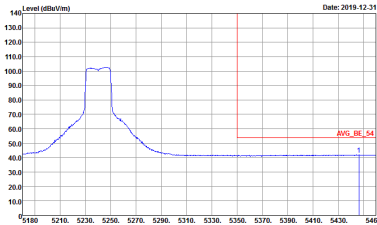


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

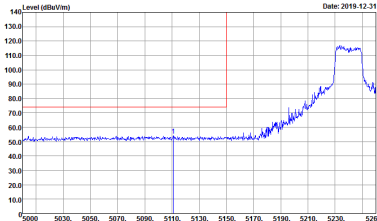
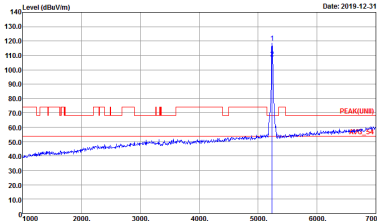
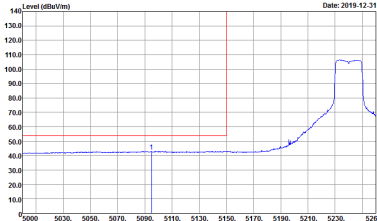


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

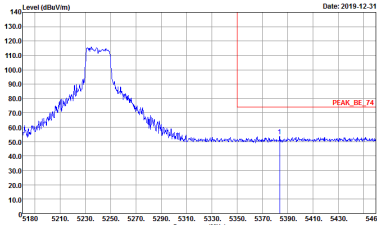
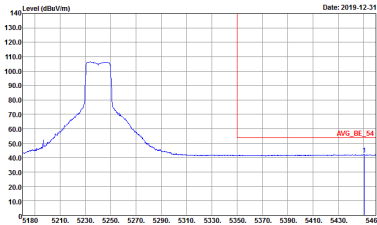


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



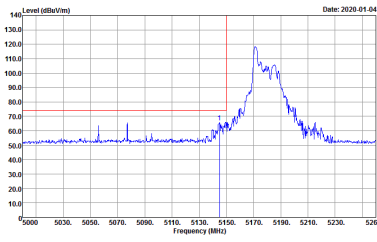
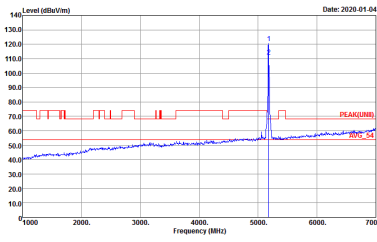
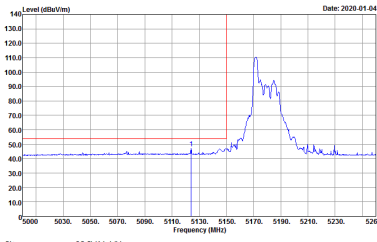
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



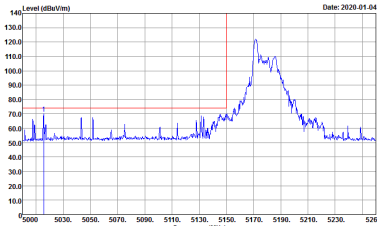
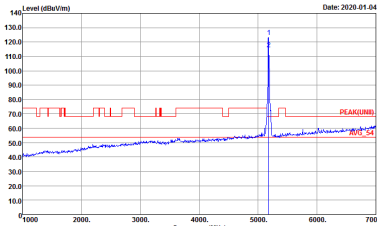
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

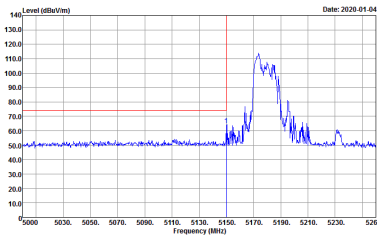
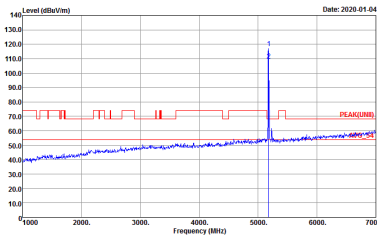
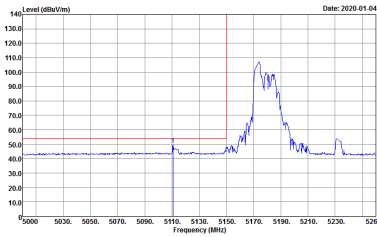
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank



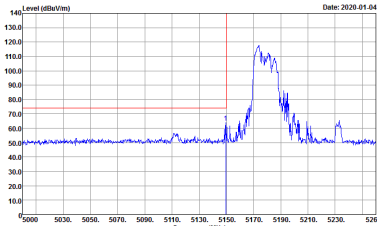
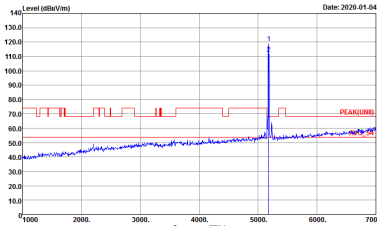
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

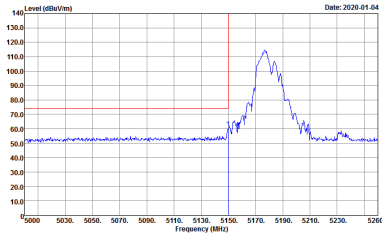
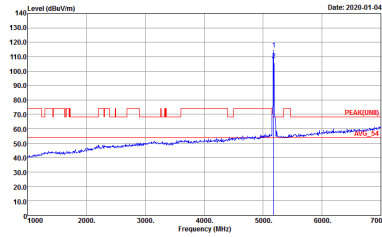
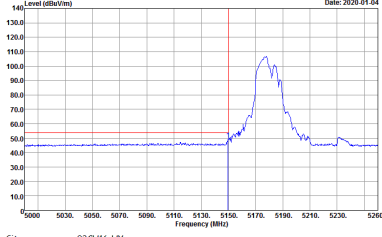
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank



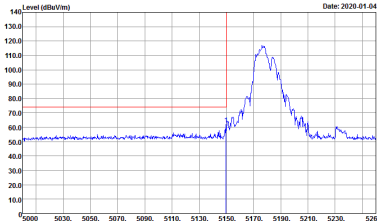
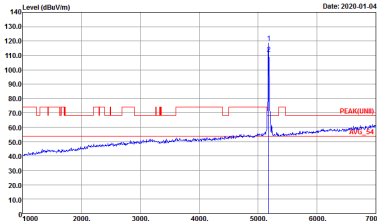
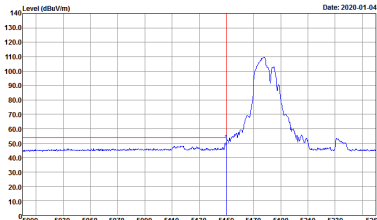
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



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

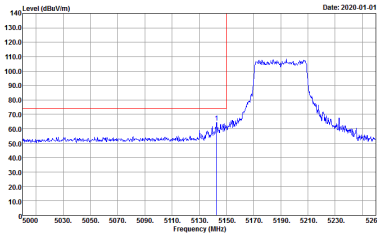
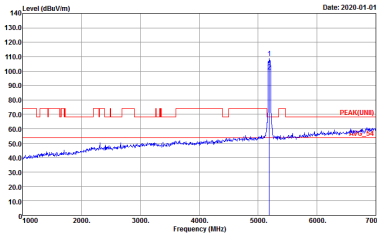
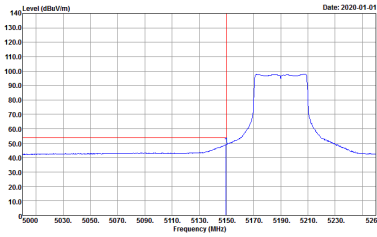
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:10000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:10000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:10.000kHz SWT:Auto	Left blank



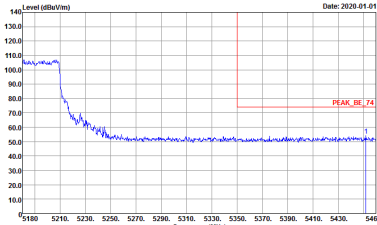
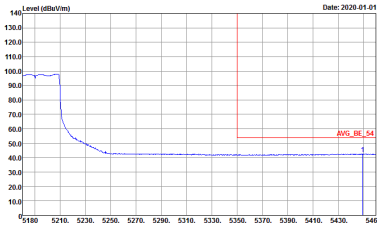
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:10000.000KHz SWT:Auto	 Site Condition : 03CH16-HY : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:10000.000KHz SWT:Auto
Avg.	 Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



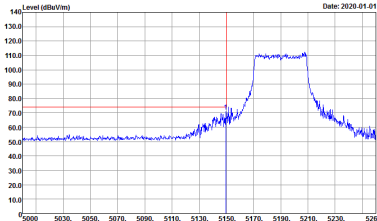
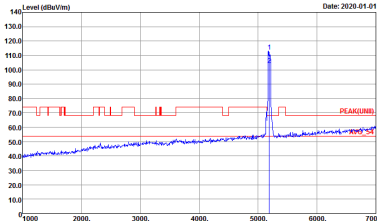
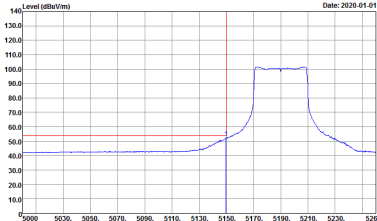
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

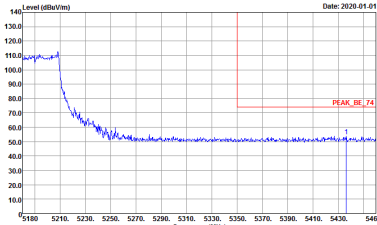
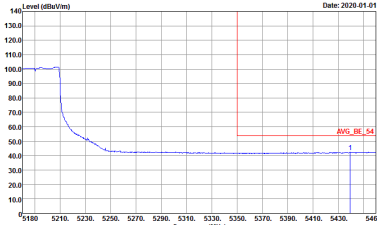


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank