



FCC RADIO TEST REPORT

FCC ID : HD5-CT30PX0N
Equipment : Mobile computer
Brand Name : Honeywell
Model Name : CT30PX0N
Applicant : Honeywell International Inc.
9680 Old Bailes Road, Fort Mill, SC 29707 USA
Manufacturer : Honeywell International Inc.
9680 Old Bailes Road, Fort Mill, SC 29707 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Nov. 11, 2021 and testing was performed from Nov. 15, 2021 to Nov. 23, 2021. 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 test results in this report apply exclusively to the tested model / sample. Without written approval from 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 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR1N0505E	01	Initial issue of report	Jan. 04, 2022
FR1N0505E	02	1. Revise test mode description 2. Revise description in section 3.4.3 3. Revise list of measuring equipment 4. Revise appendix C 5. Revise antenna information	Jan. 10, 2022



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.56 dB under the limit at 5725.560 MHz
3.5	15.207	AC Conducted Emission	Pass	15.87 dB under the limit at 0.701 MHz
3.6	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 product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Wei Chen

Report Producer: Cindy Liu

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Feature	
Sample 1	EUT with Scanner (S0703)
Sample 2	EUT with Scanner (6803)
Sample 3	EUT with Scanner (N6700)
HW Version	EVT1.5
SW Version	311.C1.00.0322-N-DEBUG-G2H
Antenna Type	WLAN <Ant. 1>: PIFA Antenna <Ant. 2>: PIFA Antenna Bluetooth: PIFA Antenna NFC: Loop Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 1: 3.3 Ant. 2: 2.1
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 1: 2.8 Ant. 2: 1.5
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 1: 2.8 Ant. 2: 1.4

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. CO05-HY, 03CH07-HY

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

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY (TAF Code: 3786)
Remark	The Conducted test item subcontracted to Sporton International Inc. Wensan Laboratory

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

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

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find Ant. 2: X plane for Sample 1, 2, 3; Ant. 1: Y plane for Sample 1, 2, 3 and Ant. 1+2: Z Plane for Sample 1, 2, 3 as worst plane.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

Frequency Band	Channel	Freq. (MHz)	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 with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "[#]" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

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

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

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

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

Single Mode

Modulation	Data Rate
802.11a	6 Mbps

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN Link + USB Cable (Charging from AC Adapter) for Sample 1

<Sample 1>

<Ant. 1>

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

<Ant. 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

MIMO <Ant. 1+2>

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	-
H	High	-	-	122
Straddle		-	-	138

<Sample 2 and Sample 3>

<Ant. 1>

Ch. #		Band III : 5470-5725MHz
		802.11a
L	Low	-
M	Middle	116
H	High	-
Straddle		-

<Ant. 2>

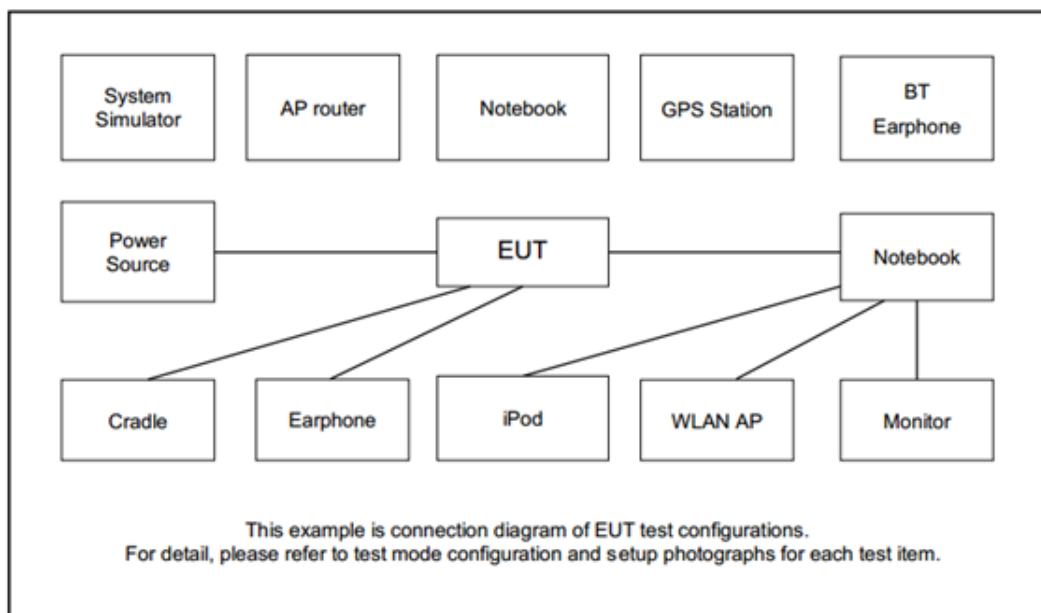
Ch. #		Band III : 5470-5725MHz
		802.11a
L	Low	-
M	Middle	-
H	High	140
Straddle		-

MIMO <Ant. 1+2>

Ch. #		Band I : 5150-5250 MHz	Band I : 5150-5250 MHz
		802.11ax HE40	802.11ax HE80
L	Low	-	-
M	Middle	-	42
H	High	46	-

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	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.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, EUT (SW: 1.9) get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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.

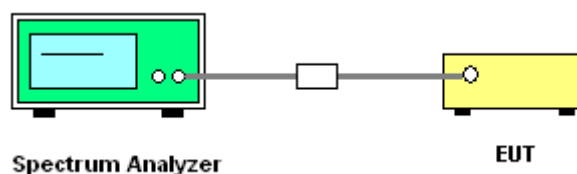
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

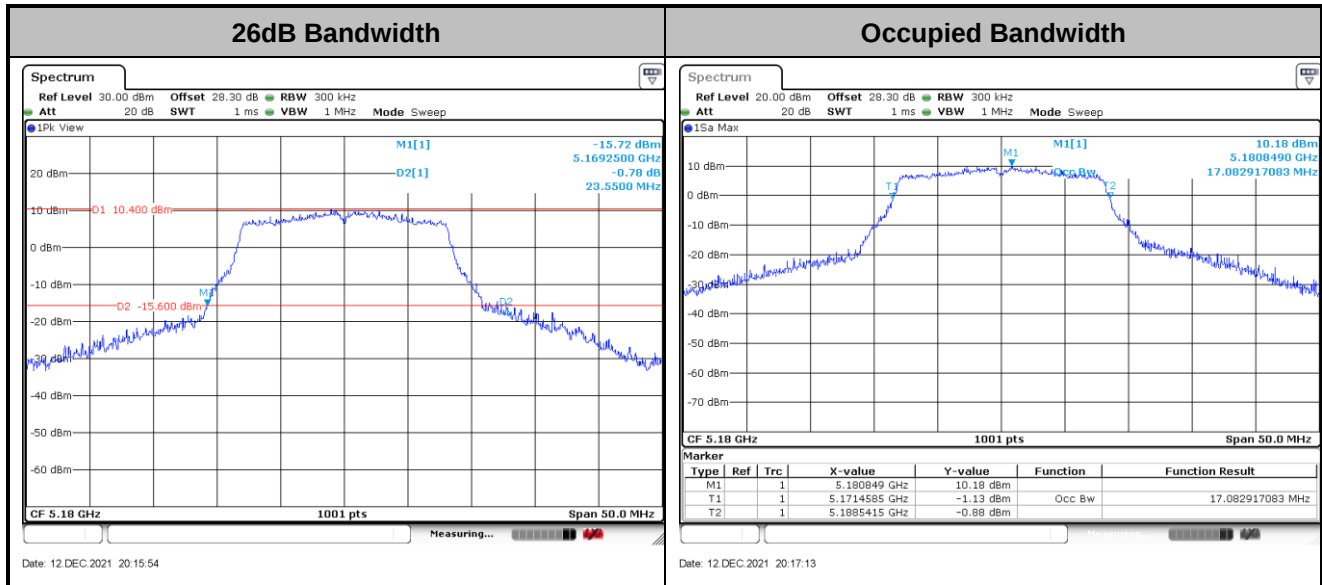


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

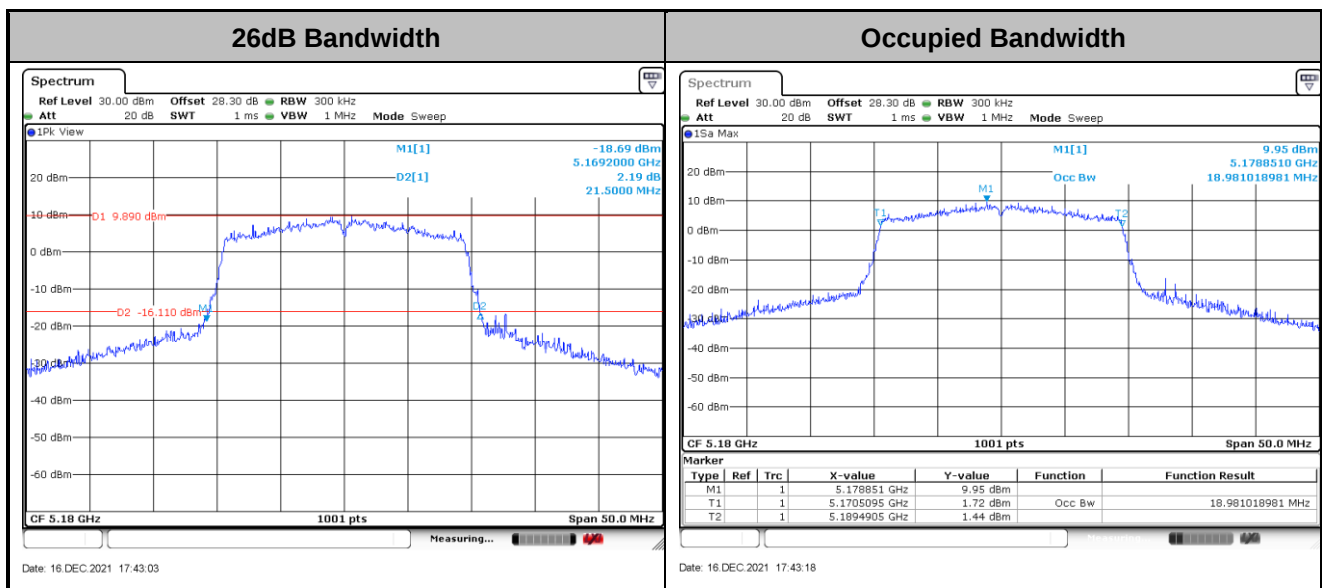


<802.11a>



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

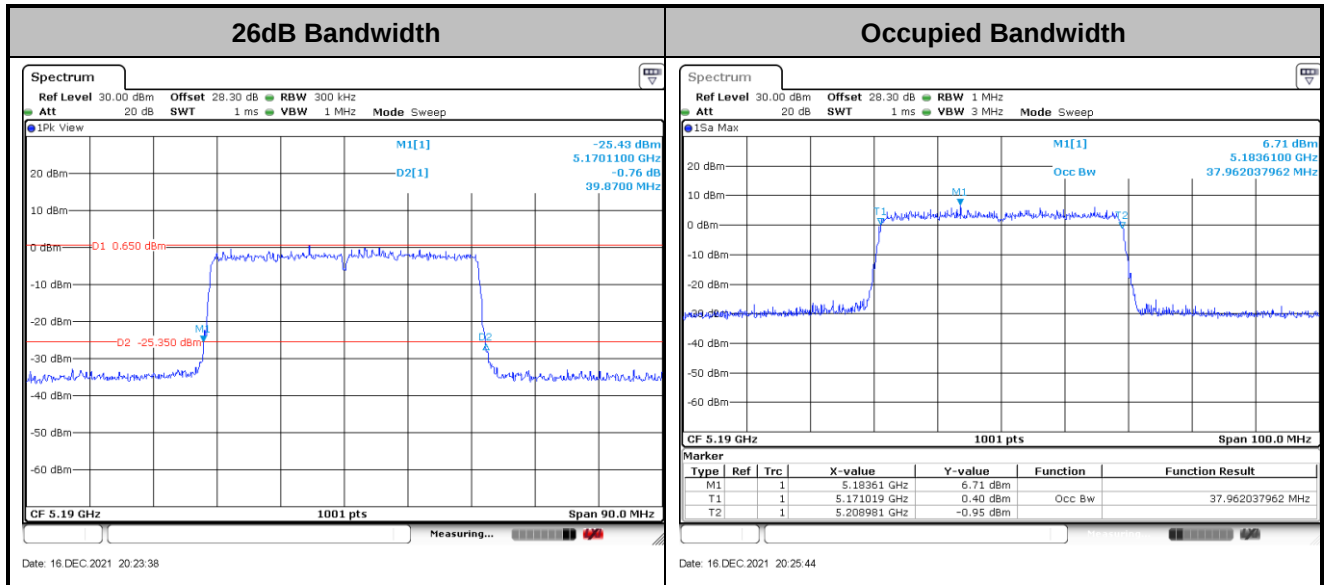
<802.11ax HE20>



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

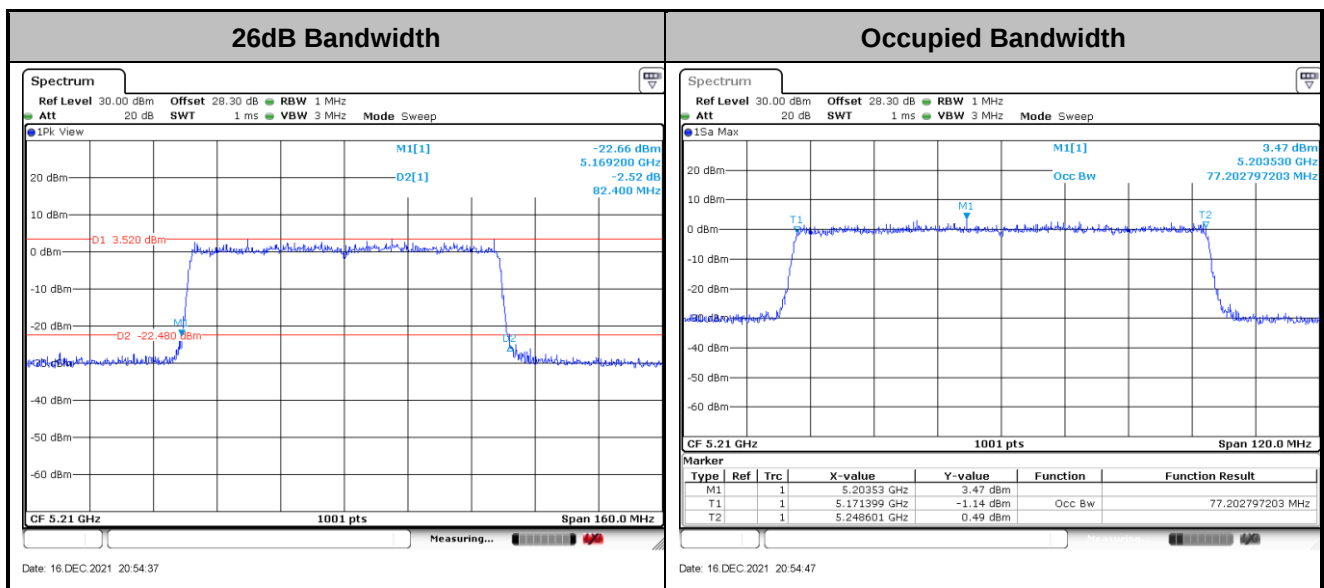


<802.11ax HE40>



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

<802.11ax HE80>



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

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

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

3.2.3 Test Procedures

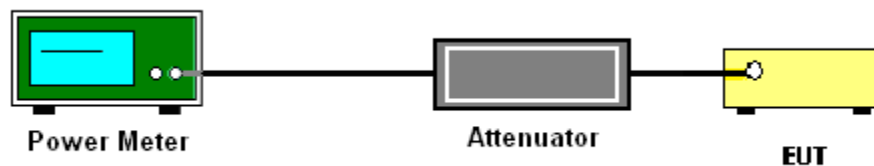
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-2

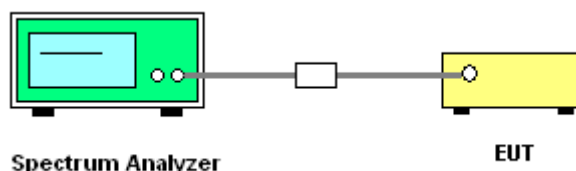
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

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

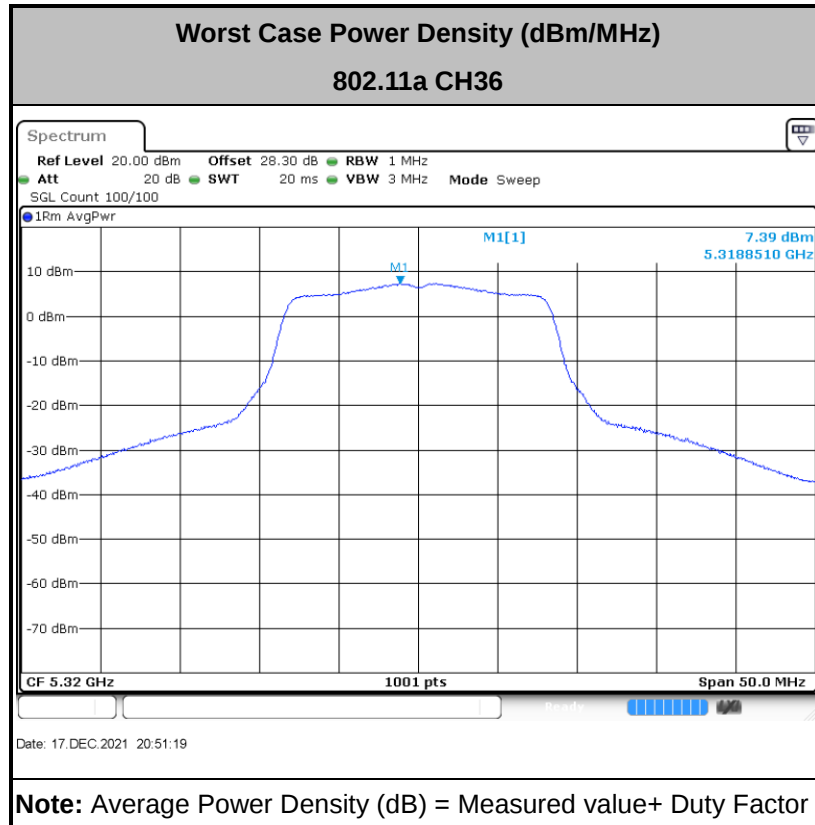


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



<802.11a>



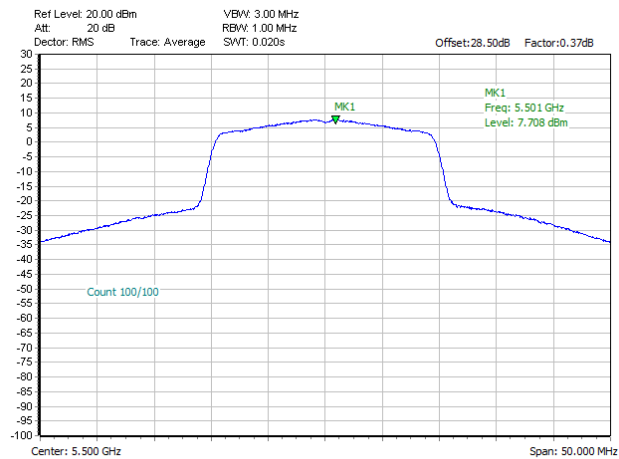


<802.11ax>

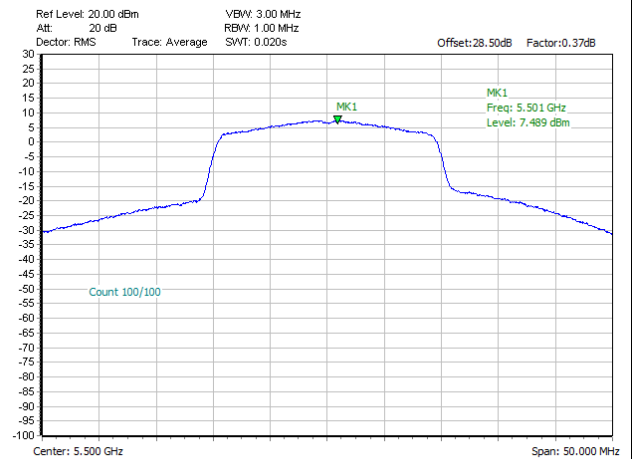
Worst Case Power Density

802.11ax HE20 CH100

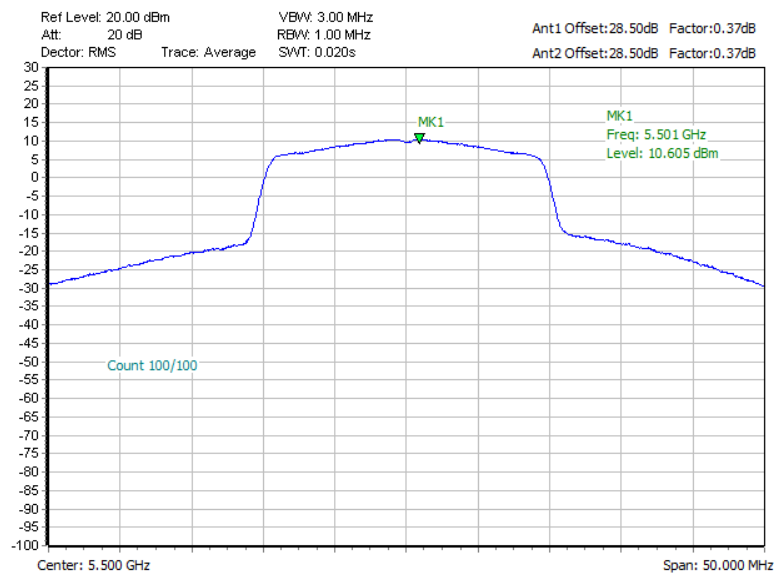
MIMO Ant. 1



MIMO Ant. 2



MIMO Ant. 1+2



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

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

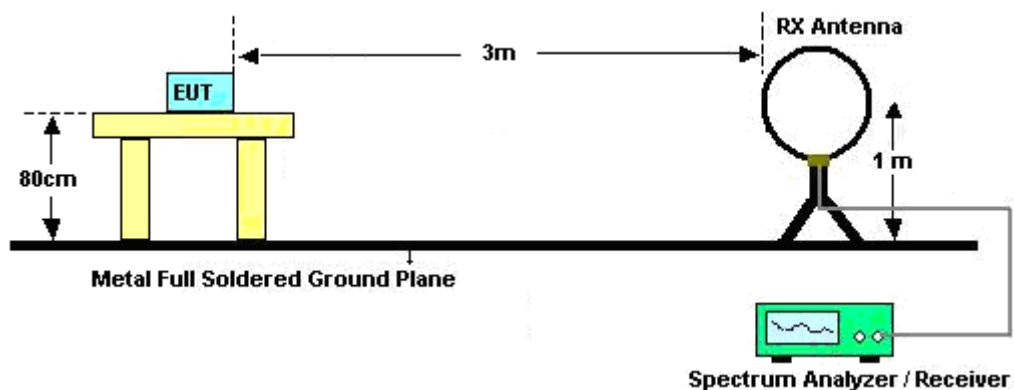
- RBW = 1 MHz.
- $VBW \geq [3 \times RBW]$.
- Detector = RMS (power averaging), if $[\text{span} / (\# \text{ of points in sweep})] \leq RBW / 2$. Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.

- d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set for linear voltage averaging. Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.)
- e) Sweep time = auto.
- f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of $1 / D$, where D is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)
- g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:
 - 1). If power averaging (rms) mode was used in the preceding step e), then the correction factor is $[10 \log (1 / D)]$, where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.
 - 2). If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

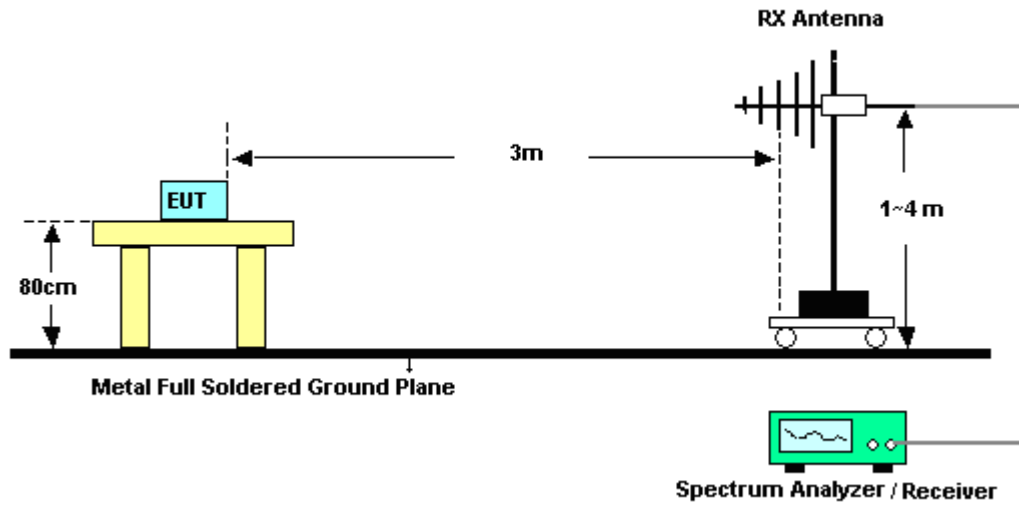
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

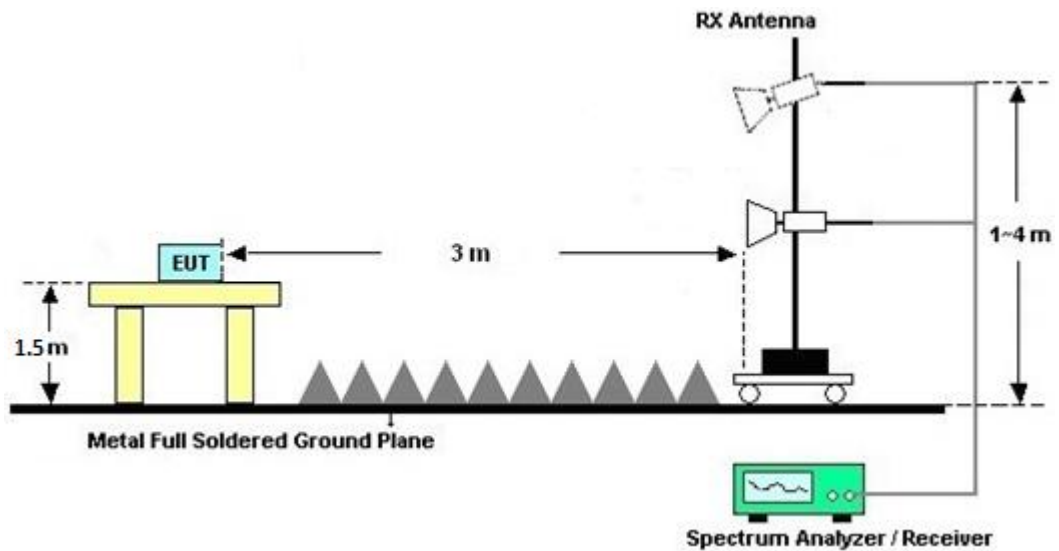
For radiated emissions below 30MHz



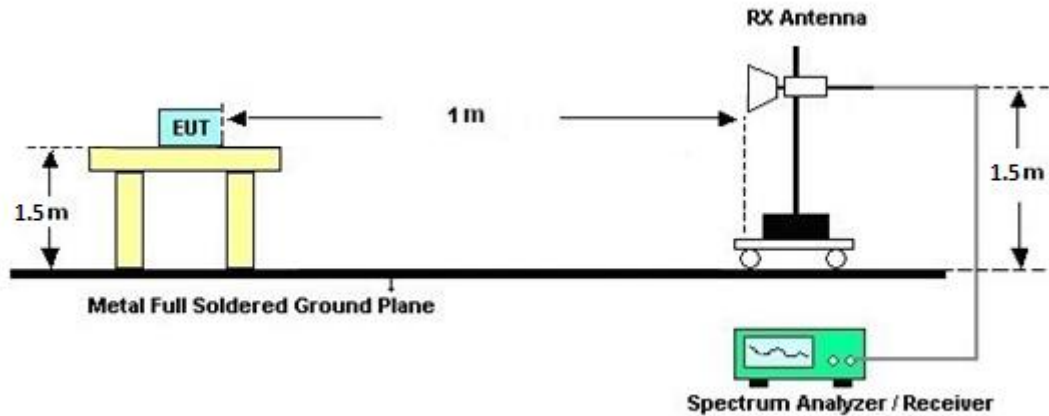
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

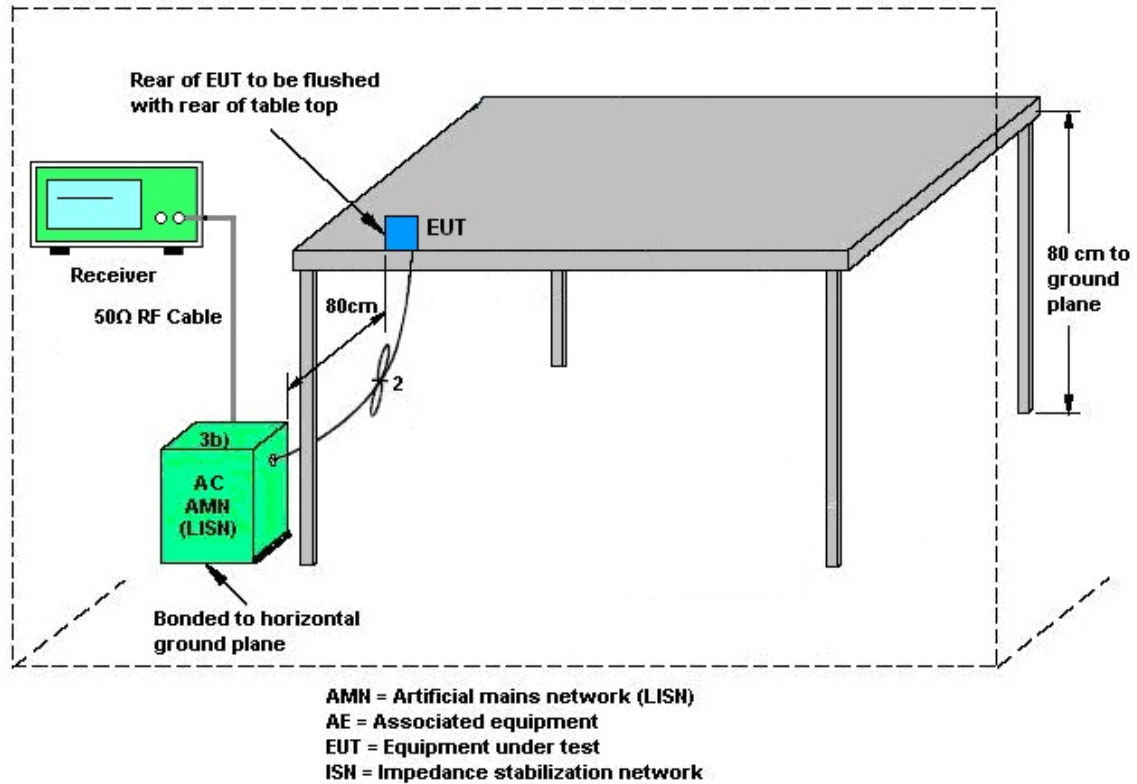
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.30	2.10	3.30	5.73	0.00	0.00
Band II	2.80	1.50	2.80	5.18	0.00	0.00
Band III	2.80	1.40	2.80	5.14	0.00	0.00

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

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Nov. 15, 2021~Dec. 23, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Nov. 15, 2021~Nov. 29, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Horn Antenna	ESCO	3117	00066584	1GHz~18GHz	Oct. 25, 2021	Nov. 29, 2021~Dec. 23, 2021	Oct. 24, 2022	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Nov. 15, 2021~Dec. 23, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Nov. 15, 2021~Dec. 23, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Nov. 15, 2021~Dec. 23, 2021	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Nov. 15, 2021~Dec. 23, 2021	Oct. 03, 2022	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2021	Nov. 15, 2021~Dec. 23, 2021	Jul. 21, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Nov. 15, 2021~Dec. 23, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Nov. 15, 2021~Dec. 23, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Nov. 15, 2021~Dec. 23, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2,80 1606/2	18GHz~40GHz	Feb. 24, 2021	Nov. 15, 2021~Dec. 23, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 17, 2021	Nov. 15, 2021~Dec. 23, 2021	Sep. 16, 2022	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Nov. 15, 2021~Dec. 23, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Nov. 15, 2021~Dec. 23, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Nov. 15, 2021~Dec. 23, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Nov. 15, 2021~Dec. 23, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Nov. 15, 2021~Dec. 23, 2021	N/A	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 02, 2020	Nov. 15, 2021~Nov. 29, 2021	Dec. 01, 2021	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Nov. 30, 2021	Nov. 30, 2021~Dec. 23, 2021	Nov. 29, 2022	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 23, 2021	Nov. 15, 2021~Dec. 23, 2021	Jul. 22, 2022	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 09, 2021	Nov. 15, 2021~Dec. 23, 2021	Mar. 08, 2022	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 15, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Nov. 15, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Nov. 15, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	Nov. 15, 2021	Nov. 30, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 15, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-FN	00691	N/A	Jul. 28, 2021	Nov. 15, 2021	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Nov. 15, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Nov. 17, 2021~Dec. 22, 2021	Nov. 15, 2022	Conducted (TH05-HY)
Power Meter	Anritsu	MA2411B	846202	300MHz~40GHz	Sep. 30, 2021	Nov. 17, 2021~Dec. 22, 2021	Sep. 29, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Nov. 17, 2021~Dec. 22, 2021	Aug. 29, 2022	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW191204(BOX8)	N/A	Jan. 07, 2021	Nov. 17, 2021~Dec. 22, 2021	Jan. 06, 2022	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.0 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Mina Liu	Temperature:	21~25	°C
Test Date:	2021/11/17~2021/12/22	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna													
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	1	36	5180	17.08	17.48	23.55	26.75	-		22.33	22.43	
11a	6Mbps	1	44	5220	17.28	17.68	25.05	27.70	-		22.38	22.48	
11a	6Mbps	1	48	5240	17.23	17.48	22.10	26.90	-		22.36	22.43	

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.10	18.30		24.00	24.00	3.30	2.10	Pass
11a	6Mbps	1	44	5220	17.50	18.30		24.00	24.00	3.30	2.10	Pass
11a	6Mbps	1	48	5240	17.50	18.30		24.00	24.00	3.30	2.10	Pass

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	
HT20	MCS0	2	36	5180	12.40	12.70	15.56	24.00		3.30		Pass
HT20	MCS0	2	44	5220	12.50	12.60	15.56	24.00		3.30		Pass
HT20	MCS0	2	48	5240	12.30	12.90	15.62	24.00		3.30		Pass
HT40	MCS0	2	38	5190	11.90	12.00	14.96	24.00		3.30		Pass
HT40	MCS0	2	46	5230	16.20	16.70	19.47	24.00		3.30		Pass
VHT20	MCS0	2	36	5180	12.40	12.70	15.56	24.00		3.30		Pass
VHT20	MCS0	2	44	5220	12.50	12.60	15.56	24.00		3.30		Pass
VHT20	MCS0	2	48	5240	12.30	12.90	15.62	24.00		3.30		Pass
VHT40	MCS0	2	38	5190	11.90	12.00	14.96	24.00		3.30		Pass
VHT40	MCS0	2	46	5230	16.20	16.70	19.47	24.00		3.30		Pass
VHT80	MCS0	2	42	5210	12.70	12.90	15.81	24.00		3.30		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.12	0.12	6.42	7.51		11.00	11.00	3.30	2.10	Pass
11a	6Mbps	1	44	5220	0.12	0.12	6.37	7.38		11.00	11.00	3.30	2.10	Pass
11a	6Mbps	1	48	5240	0.12	0.12	6.50	7.49		11.00	11.00	3.30	2.10	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
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	1	52	5260	17.28	17.63	26.40	29.05	23.38	23.46	29.38	29.46	23.98	23.98	
11a	6Mbps	1	60	5300	17.18	17.78	24.65	29.40	23.35	23.50	29.35	29.50	23.98	23.98	
11a	6Mbps	1	64	5320	17.48	17.78	25.55	28.45	23.43	23.50	29.43	29.50	23.98	23.98	

TEST RESULTS DATA**Average Power Table**

FCC Band II single antenna													
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	1	52	5260	18.20	18.30		23.98	23.98	2.80	1.50	30	Pass
11a	6Mbps	1	60	5300	18.20	18.40		23.98	23.98	2.80	1.50	30	Pass
11a	6Mbps	1	64	5320	18.40	18.30		23.98	23.98	2.80	1.50	30	Pass

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		
HT20	MCS0	2	52	5260	16.70	17.00	19.86	23.98		2.80		30	Pass
HT20	MCS0	2	60	5300	16.70	17.30	20.02	23.98		2.80		30	Pass
HT20	MCS0	2	64	5320	16.60	17.20	19.92	23.98		2.80		30	Pass
HT40	MCS0	2	54	5270	16.60	17.30	19.97	23.98		2.80		30	Pass
HT40	MCS0	2	62	5310	12.00	12.70	15.37	23.98		2.80		30	Pass
VHT20	MCS0	2	52	5260	16.70	17.00	19.86	23.98		2.80		30	Pass
VHT20	MCS0	2	60	5300	16.70	17.30	20.02	23.98		2.80		30	Pass
VHT20	MCS0	2	64	5320	16.60	17.20	19.92	23.98		2.80		30	Pass
VHT40	MCS0	2	54	5270	16.60	17.30	19.97	23.98		2.80		30	Pass
VHT40	MCS0	2	62	5310	12.00	12.70	15.37	23.98		2.80		30	Pass
VHT80	MCS0	2	58	5290	12.80	13.70	16.28	23.98		2.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (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	1	52	5260	7.34	7.27		11.00	11.00	2.80	1.50	Pass
11a	6Mbps	1	60	5300	7.25	7.38		11.00	11.00	2.80	1.50	Pass
11a	6Mbps	1	64	5320	7.51	7.29		11.00	11.00	2.80	1.50	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
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	1	100	5500	17.33	17.98	25.25	30.25	23.39	23.55	29.39	29.55	23.98	23.98	----	----
11a	6Mbps	1	116	5580	17.23	18.63	25.15	32.45	23.36	23.70	29.36	29.70	23.98	23.98	----	----
11a	6Mbps	1	140	5700	17.33	18.18	25.00	31.20	23.39	23.60	29.39	29.60	23.98	23.98	----	----

Band III straddle channel single antenna																
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	1	144	5720	13.59	13.74	16.25	19.20	22.33	22.38	28.33	28.38	23.11	23.83	3.2	3.2

TEST RESULTS DATA**Average Power Table**

FCC Band III single antenna													
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	1	100	5500	18.40	18.30		23.98	23.98	2.80	1.40	30	Pass
11a	6Mbps	1	116	5580	18.40	18.40		23.98	23.98	2.80	1.40	30	Pass
11a	6Mbps	1	140	5700	18.20	17.50		23.98	23.98	2.80	1.40	30	Pass

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		
HT20	MCS0	2	100	5500	18.30	18.00	21.16	23.98		2.80		30	Pass
HT20	MCS0	2	116	5580	18.30	18.10	21.21	23.98		2.80		30	Pass
HT20	MCS0	2	140	5700	18.00	17.50	20.77	23.98		2.80		30	Pass
HT40	MCS0	2	102	5510	14.90	14.80	17.86	23.98		2.80		30	Pass
HT40	MCS0	2	110	5550	18.30	18.20	21.26	23.98		2.80		30	Pass
HT40	MCS0	2	134	5670	18.30	18.20	21.26	23.98		2.80		30	Pass
VHT20	MCS0	2	100	5500	18.30	18.00	21.16	23.98		2.80		30	Pass
VHT20	MCS0	2	116	5580	18.30	18.10	21.21	23.98		2.80		30	Pass
VHT20	MCS0	2	140	5700	18.00	17.50	20.77	23.98		2.80		30	Pass
VHT40	MCS0	2	102	5510	14.90	14.80	17.86	23.98		2.80		30	Pass
VHT40	MCS0	2	110	5550	18.30	18.20	21.26	23.98		2.80		30	Pass
VHT40	MCS0	2	134	5670	18.30	18.20	21.26	23.98		2.80		30	Pass
VHT80	MCS0	2	106	5530	14.20	14.00	17.11	23.98		2.80		30	Pass
VHT80	MCS0	2	122	5610	18.20	18.20	21.21	23.98		2.80		30	Pass

FCC Band III straddle channel single antenna													
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	1	144	5720	18.30	18.30		23.11	23.83	2.80	1.40	30	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		
HT20	MCS0	2	144	5720	18.20	18.00	21.11	23.98		2.80		30	Pass
HT40	MCS0	2	142	5710	18.30	18.30	21.31	23.98		2.80		30	Pass
VHT20	MCS0	2	144	5720	18.20	18.00	21.11	23.98		2.80		30	Pass
VHT40	MCS0	2	142	5710	18.40	18.30	21.36	23.98		2.80		30	Pass
VHT80	MCS0	2	138	5690	18.30	18.20	21.26	23.98		2.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density with Duty Factor (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	1	100	5500	7.42	7.36		11.00	11.00	2.80	1.40		Pass
11a	6Mbps	1	116	5580	7.38	7.31		11.00	11.00	2.80	1.40		Pass
11a	6Mbps	1	140	5700	7.37	6.50		11.00	11.00	2.80	1.40		Pass

Band III straddle channel single antenna													
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	1	144	5720	7.27	7.34		11.00	11.00	2.80	1.40		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	18.98	18.98	21.50	21.45	-		22.78			
HE20	MCS0	2	44	5220	Full	18.98	18.98	21.45	21.45	-		22.78			
HE20	MCS0	2	48	5240	Full	18.98	18.98	21.55	21.40	-		22.78			
HE40	MCS0	2	38	5190	Full	37.96	37.96	39.87	39.78	-		23.01			
HE40	MCS0	2	46	5230	Full	37.86	38.06	40.23	40.50	-		23.01			
HE80	MCS0	2	42	5210	Full	77.20	77.32	82.40	81.92	-		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	12.50	12.80	15.66	24.00		3.30		Pass
HE20	MCS0	2	36	5180	26/0	5.30	4.80	8.07	24.00		3.30		Pass
HE20	MCS0	2	36	5180	52/37	8.70	8.30	11.51	24.00		3.30		Pass
HE20	MCS0	2	36	5180	106/53	11.10	11.50	14.31	24.00		3.30		Pass
HE20	MCS0	2	44	5220	Full	12.60	12.70	15.66	24.00		3.30		Pass
HE20	MCS0	2	44	5220	26/4	5.90	6.00	8.96	24.00		3.30		Pass
HE20	MCS0	2	44	5220	52/39	7.90	8.00	10.96	24.00		3.30		Pass
HE20	MCS0	2	44	5220	106/53	10.70	11.30	14.02	24.00		3.30		Pass
HE20	MCS0	2	48	5240	Full	12.40	13.00	15.72	24.00		3.30		Pass
HE20	MCS0	2	48	5240	26/8	5.20	5.10	8.16	24.00		3.30		Pass
HE20	MCS0	2	48	5240	52/40	8.00	7.80	10.91	24.00		3.30		Pass
HE20	MCS0	2	48	5240	106/54	10.70	11.30	14.02	24.00		3.30		Pass
HE40	MCS0	2	38	5190	Full	12.00	12.10	15.06	24.00		3.30		Pass
HE40	MCS0	2	38	5190	242/61	9.60	8.60	12.14	24.00		3.30		Pass
HE40	MCS0	2	46	5230	Full	16.30	16.80	19.57	24.00		3.30		Pass
HE40	MCS0	2	46	5230	242/62	13.10	13.50	16.31	24.00		3.30		Pass
HE80	MCS0	2	42	5210	Full	12.80	13.00	15.91	24.00		3.30		Pass
HE80	MCS0	2	42	5210	484/65	10.60	10.80	13.71	24.00		3.30		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	0.37	0.37			3.76	11.00		5.73		Pass	
HE20	MCS0	2	36	5180	26/0	0.37	0.37			3.68	11.00		5.73		Pass	
HE20	MCS0	2	36	5180	52/37	0.37	0.37			3.53	11.00		5.73		Pass	
HE20	MCS0	2	36	5180	106/53	0.37	0.37			3.57	11.00		5.73		Pass	
HE20	MCS0	2	44	5220	Full	0.37	0.37			3.77	11.00		5.73		Pass	
HE20	MCS0	2	44	5220	26/4	0.37	0.37			3.31	11.00		5.73		Pass	
HE20	MCS0	2	44	5220	52/39	0.37	0.37			3.59	11.00		5.73		Pass	
HE20	MCS0	2	44	5220	106/53	0.37	0.37			3.38	11.00		5.73		Pass	
HE20	MCS0	2	48	5240	Full	0.37	0.37			3.83	11.00		5.73		Pass	
HE20	MCS0	2	48	5240	26/8	0.37	0.37			3.77	11.00		5.73		Pass	
HE20	MCS0	2	48	5240	52/40	0.37	0.37			3.62	11.00		5.73		Pass	
HE20	MCS0	2	48	5240	106/54	0.37	0.37			3.59	11.00		5.73		Pass	
HE40	MCS0	2	38	5190	Full	0.61	0.67			-0.08	11.00		5.73		Pass	
HE40	MCS0	2	38	5190	242/61	0.61	0.67			-0.64	11.00		5.73		Pass	
HE40	MCS0	2	46	5230	Full	0.61	0.67			3.63	11.00		5.73		Pass	
HE40	MCS0	2	46	5230	242/62	0.61	0.67			3.27	11.00		5.73		Pass	
HE80	MCS0	2	42	5210	Full	0.99	1.01		-2.08	11.00		5.73		Pass		
HE80	MCS0	2	42	5210	484/65	0.99	1.01		-2.47	11.00		5.73		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	18.98	19.08	21.70	24.65	23.78		29.78		23.98		
HE20	MCS0	2	60	5300	Full	19.03	19.03	21.45	22.15	23.79		29.79		23.98		
HE20	MCS0	2	64	5320	Full	19.08	19.18	21.85	28.10	23.81		29.81		23.98		
HE40	MCS0	2	54	5270	Full	37.96	38.16	39.87	51.39	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	37.76	40.05	39.96	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.32	82.50	82.40	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	16.80	17.10	19.96	23.98		2.80		30	Pass
HE20	MCS0	2	52	5260	26/0	9.60	10.40	13.03	23.98		2.80		30	Pass
HE20	MCS0	2	52	5260	52/37	12.20	13.10	15.68	23.98		2.80		30	Pass
HE20	MCS0	2	52	5260	106/53	15.10	15.50	18.31	23.98		2.80		30	Pass
HE20	MCS0	2	60	5300	Full	16.80	17.40	20.12	23.98		2.80		30	Pass
HE20	MCS0	2	60	5300	26/4	10.00	11.30	13.71	23.98		2.80		30	Pass
HE20	MCS0	2	60	5300	52/39	12.50	13.20	15.87	23.98		2.80		30	Pass
HE20	MCS0	2	60	5300	106/54	15.40	15.70	18.56	23.98		2.80		30	Pass
HE20	MCS0	2	64	5320	Full	16.70	17.30	20.02	23.98		2.80		30	Pass
HE20	MCS0	2	64	5320	26/8	9.60	10.50	13.08	23.98		2.80		30	Pass
HE20	MCS0	2	64	5320	52/40	12.30	13.20	15.78	23.98		2.80		30	Pass
HE20	MCS0	2	64	5320	106/54	15.00	15.50	18.27	23.98		2.80		30	Pass
HE40	MCS0	2	54	5270	Full	16.70	17.40	20.07	23.98		2.80		30	Pass
HE40	MCS0	2	54	5270	242/61	13.80	14.20	17.01	23.98		2.80		30	Pass
HE40	MCS0	2	62	5310	Full	12.10	12.80	15.47	23.98		2.80		30	Pass
HE40	MCS0	2	62	5310	242/62	9.40	10.40	12.94	23.98		2.80		30	Pass
HE80	MCS0	2	58	5290	Full	12.90	13.80	16.38	23.98		2.80		30	Pass
HE80	MCS0	2	58	5290	484/66	10.10	11.30	13.75	23.98		2.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	0.37	0.37			8.34	11.00		5.18		Pass
HE20	MCS0	2	52	5260	26/0	0.37	0.37			8.33	11.00		5.18		Pass
HE20	MCS0	2	52	5260	52/37	0.37	0.37			8.33	11.00		5.18		Pass
HE20	MCS0	2	52	5260	106/53	0.37	0.37			7.97	11.00		5.18		Pass
HE20	MCS0	2	60	5300	Full	0.37	0.37			8.58	11.00		5.18		Pass
HE20	MCS0	2	60	5300	26/4	0.37	0.37			8.16	11.00		5.18		Pass
HE20	MCS0	2	60	5300	52/39	0.37	0.37			8.40	11.00		5.18		Pass
HE20	MCS0	2	60	5300	106/54	0.37	0.37			8.18	11.00		5.18		Pass
HE20	MCS0	2	64	5320	Full	0.37	0.37			8.36	11.00		5.18		Pass
HE20	MCS0	2	64	5320	26/8	0.37	0.37			8.19	11.00		5.18		Pass
HE20	MCS0	2	64	5320	52/40	0.37	0.37			8.12	11.00		5.18		Pass
HE20	MCS0	2	64	5320	106/54	0.37	0.37			8.01	11.00		5.18		Pass
HE40	MCS0	2	54	5270	Full	0.61	0.67			3.97	11.00		5.18		Pass
HE40	MCS0	2	54	5270	242/61	0.61	0.67			3.88	11.00		5.18		Pass
HE40	MCS0	2	62	5310	Full	0.61	0.67			0.31	11.00		5.18		Pass
HE40	MCS0	2	62	5310	242/62	0.61	0.67			0.09	11.00		5.18		Pass
HE80	MCS0	2	58	5290	Full	0.99	1.01			-1.64	11.00		5.18		Pass
HE80	MCS0	2	58	5290	484/66	0.99	1.01			-1.81	11.00		5.18		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	19.03	19.13	21.55	26.55	23.79		29.79		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.03	19.23	23.15	31.70	23.79		29.79		23.98		----	----
HE20	MCS0	2	140	5700	Full	19.08	19.18	22.30	26.85	23.81		29.81		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.96	38.06	40.32	40.23	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.26	40.46	56.79	80.91	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	38.26	40.96	57.96	73.71	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.20	77.44	82.56	81.76	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	77.32	77.68	108.32	134.24	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	14.54	14.54	15.85	21.05	22.63		28.63		23.00		4.3	4.399
HE40	MCS0	2	142	5710	Full	34.08	34.28	35.16	47.76	23.98		30.00		23.98		4.08	3.9
HE80	MCS0	2	138	5690	Full	73.60	73.72	91.80	98.84	23.98		30.00		23.98		4.201	3.882

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	18.40	18.10	21.26	23.98		2.80		30	Pass
HE20	MCS0	2	100	5500	26/0	11.70	11.90	14.81	23.98		2.80		30	Pass
HE20	MCS0	2	100	5500	52/37	15.10	14.80	17.96	23.98		2.80		30	Pass
HE20	MCS0	2	100	5500	106/53	18.10	17.90	21.01	23.98		2.80		30	Pass
HE20	MCS0	2	116	5580	Full	18.40	18.20	21.31	23.98		2.80		30	Pass
HE20	MCS0	2	116	5580	26/4	12.80	12.60	15.71	23.98		2.80		30	Pass
HE20	MCS0	2	116	5580	52/38	15.00	14.70	17.86	23.98		2.80		30	Pass
HE20	MCS0	2	116	5580	106/53	17.60	17.60	20.61	23.98		2.80		30	Pass
HE20	MCS0	2	140	5700	Full	18.10	17.60	20.87	23.98		2.80		30	Pass
HE20	MCS0	2	140	5700	26/8	11.10	10.90	14.01	23.98		2.80		30	Pass
HE20	MCS0	2	140	5700	52/40	14.80	14.20	17.52	23.98		2.80		30	Pass
HE20	MCS0	2	140	5700	106/54	17.30	16.90	20.11	23.98		2.80		30	Pass
HE40	MCS0	2	102	5510	Full	15.00	14.90	17.96	23.98		2.80		30	Pass
HE40	MCS0	2	102	5510	242/61	11.80	11.90	14.86	23.98		2.80		30	Pass
HE40	MCS0	2	110	5550	Full	18.40	18.30	21.36	23.98		2.80		30	Pass
HE40	MCS0	2	110	5550	242/61	16.50	16.10	19.31	23.98		2.80		30	Pass
HE40	MCS0	2	134	5670	Full	18.40	18.30	21.36	23.98		2.80		30	Pass
HE40	MCS0	2	134	5670	242/62	16.60	16.10	19.37	23.98		2.80		30	Pass
HE80	MCS0	2	106	5530	Full	14.30	14.10	17.21	23.98		2.80		30	Pass
HE80	MCS0	2	106	5530	484/65	11.10	11.80	14.47	23.98		2.80		30	Pass
HE80	MCS0	2	122	5610	Full	18.30	18.30	21.31	23.98		2.80		30	Pass
HE80	MCS0	2	122	5610	484/66	15.60	15.50	18.56	23.98		2.80		30	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	18.30	18.10	21.21	23.00		2.80		30	Pass
HE20	MCS0	2	144	5720	26/8	11.30	11.10	14.21	23.00		2.80		30	Pass
HE20	MCS0	2	144	5720	52/40	14.80	14.10	17.47	23.00		2.80		30	Pass
HE20	MCS0	2	144	5720	106/54	17.30	16.90	20.11	23.00		2.80		30	Pass
HE40	MCS0	2	142	5710	Full	18.40	18.40	21.41	23.98		2.80		30	Pass
HE40	MCS0	2	142	5710	242/62	16.50	16.30	19.41	23.98		2.80		30	Pass
HE80	MCS0	2	138	5690	Full	18.40	18.30	21.36	23.98		2.80		30	Pass
HE80	MCS0	2	138	5690	484/66	15.40	15.40	18.41	23.98		2.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Average Power Density with Duty Factor (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			10.61	11.00		5.14			Pass
HE20	MCS0	2	100	5500	26/0			10.44	11.00		5.14			Pass
HE20	MCS0	2	100	5500	52/37			10.16	11.00		5.14			Pass
HE20	MCS0	2	100	5500	106/53			10.40	11.00		5.14			Pass
HE20	MCS0	2	116	5580	Full			10.31	11.00		5.14			Pass
HE20	MCS0	2	116	5580	26/4			10.07	11.00		5.14			Pass
HE20	MCS0	2	116	5580	52/38			10.11	11.00		5.14			Pass
HE20	MCS0	2	116	5580	106/53			9.89	11.00		5.14			Pass
HE20	MCS0	2	140	5700	Full			9.75	11.00		5.14			Pass
HE20	MCS0	2	140	5700	26/8			9.48	11.00		5.14			Pass
HE20	MCS0	2	140	5700	52/40			9.60	11.00		5.14			Pass
HE20	MCS0	2	140	5700	106/54			9.58	11.00		5.14			Pass
HE40	MCS0	2	102	5510	Full			2.59	11.00		5.14			Pass
HE40	MCS0	2	102	5510	242/61			2.02	11.00		5.14			Pass
HE40	MCS0	2	110	5550	Full			6.24	11.00		5.14			Pass
HE40	MCS0	2	110	5550	242/61			6.07	11.00		5.14			Pass
HE40	MCS0	2	134	5670	Full			6.23	11.00		5.14			Pass
HE40	MCS0	2	134	5670	242/62			5.89	11.00		5.14			Pass
HE80	MCS0	2	106	5530	Full			-1.02	11.00		5.14			Pass
HE80	MCS0	2	106	5530	484/65			-1.26	11.00		5.14			Pass
HE80	MCS0	2	122	5610	Full		3.29	11.00		5.14			Pass	
HE80	MCS0	2	122	5610	484/66		3.18	11.00		5.14			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			10.00	11.00	5.14			Pass	
HE20	MCS0	2	144	5720	26/8			9.73	11.00	5.14			Pass	
HE20	MCS0	2	144	5720	52/40			9.76	11.00	5.14			Pass	
HE20	MCS0	2	144	5720	106/54			9.79	11.00	5.14			Pass	
HE40	MCS0	2	142	5710	Full			6.28	11.00	5.14			Pass	
HE40	MCS0	2	142	5710	242/62			5.83	11.00	5.14			Pass	
HE80	MCS0	2	138	5690	Full			3.17	11.00	5.14			Pass	
HE80	MCS0	2	138	5690	484/66			2.93	11.00	5.14			Pass	



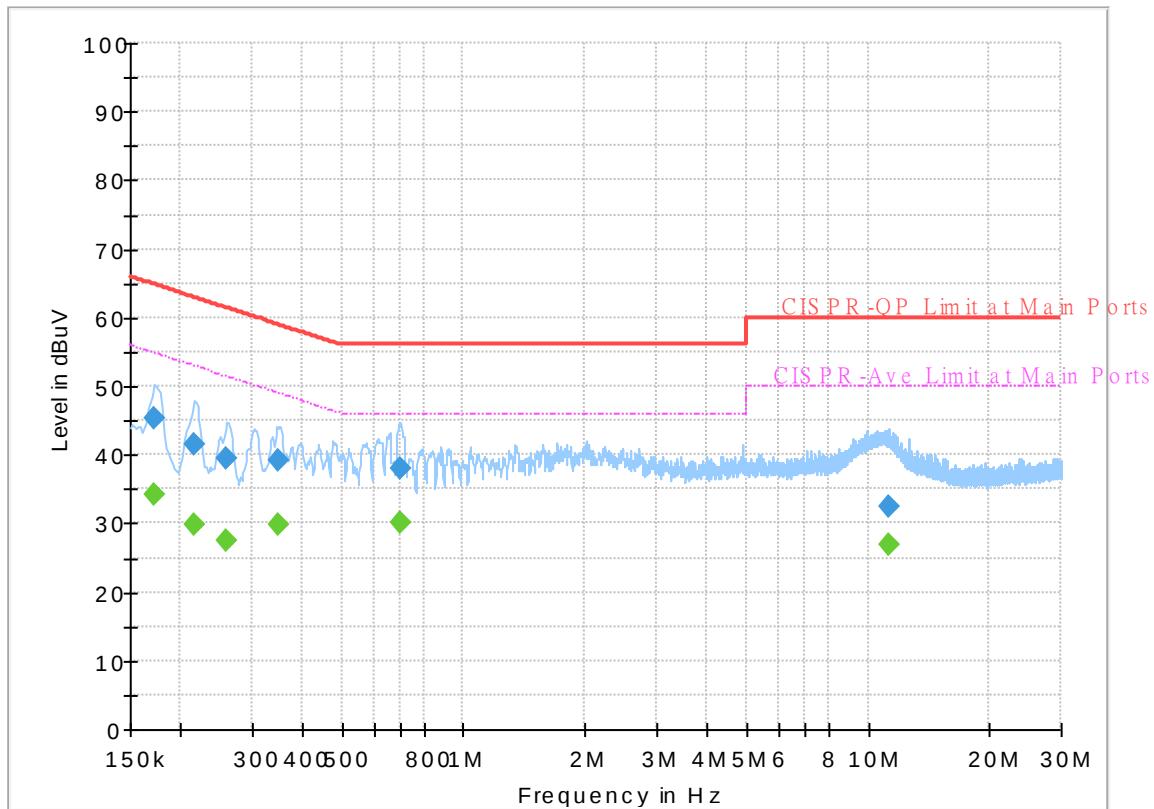
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO : 1N0505
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



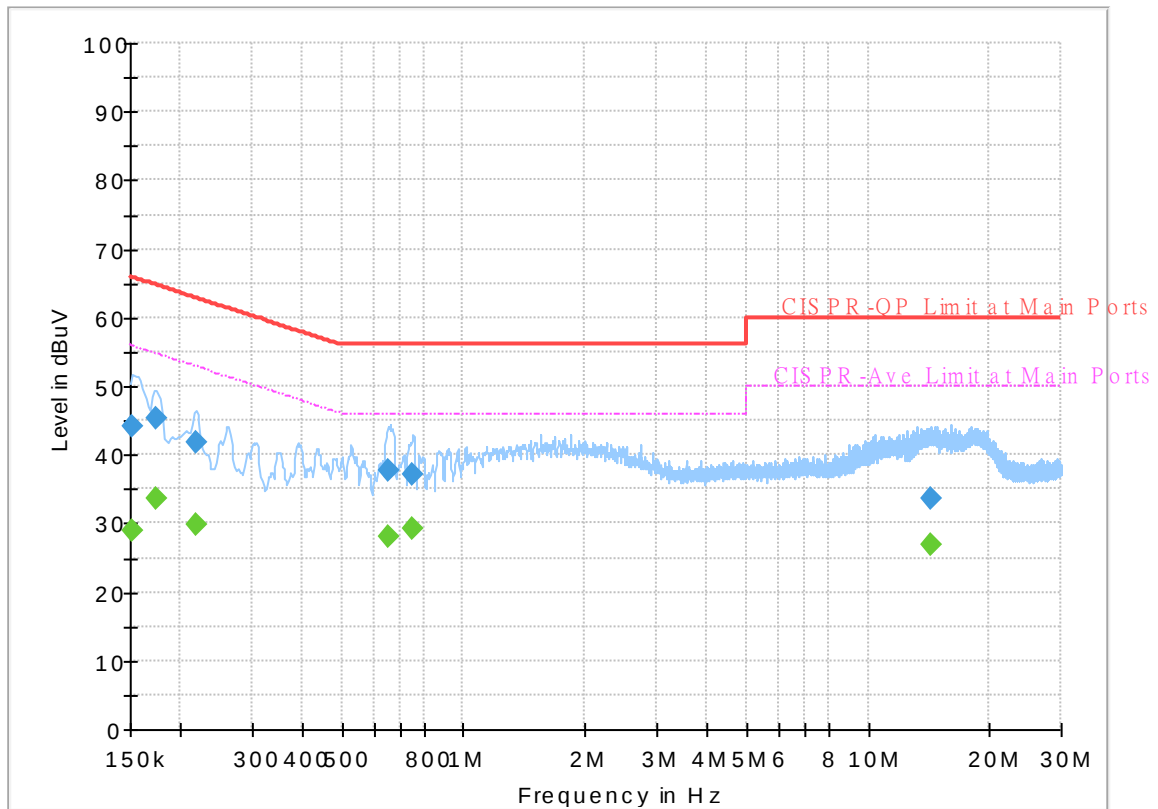
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.172500	---	34.11	54.84	20.73	L1	OFF	19.7
0.172500	45.22	---	64.84	19.62	L1	OFF	19.7
0.215250	---	29.80	53.00	23.20	L1	OFF	19.7
0.215250	41.49	---	63.00	21.51	L1	OFF	19.7
0.260250	---	27.63	51.42	23.79	L1	OFF	19.7
0.260250	39.35	---	61.42	22.07	L1	OFF	19.7
0.350250	---	29.80	48.96	19.16	L1	OFF	19.7
0.350250	39.15	---	58.96	19.81	L1	OFF	19.7
0.701250	---	30.13	46.00	15.87	L1	OFF	20.0
0.701250	38.12	---	56.00	17.88	L1	OFF	20.0
11.314500	---	26.82	50.00	23.18	L1	OFF	20.2
11.314500	32.51	---	60.00	27.49	L1	OFF	20.2

EUT Information

Report NO : 1N0505
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)
0.152250	---	28.96	55.88	26.92	N	OFF	19.7
0.152250	44.26	---	65.88	21.62	N	OFF	19.7
0.174750	---	33.53	54.73	21.20	N	OFF	19.7
0.174750	45.28	---	64.73	19.45	N	OFF	19.7
0.217500	---	29.79	52.91	23.12	N	OFF	19.7
0.217500	41.83	---	62.91	21.08	N	OFF	19.7
0.649500	---	28.20	46.00	17.80	N	OFF	20.0
0.649500	37.67	---	56.00	18.33	N	OFF	20.0
0.750750	---	29.39	46.00	16.61	N	OFF	20.0
0.750750	37.11	---	56.00	18.89	N	OFF	20.0
14.255250	---	26.95	50.00	23.05	N	OFF	20.3
14.255250	33.75	---	60.00	26.25	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	17.9~22.2°C
		Relative Humidity :	53.1~69%

<Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.76	65.72	-8.28	74	54.81	34.4	11.79	35.28	175	301	P	H
		5149.76	51.89	-2.11	54	40.83	34.4	11.94	35.28	175	301	A	H
	*	5180	110.14	-	-	99.06	34.52	11.83	35.27	175	301	P	H
	*	5180	102.28	-	-	91.2	34.52	11.83	35.27	175	301	A	H
													H
		5149.24	63.72	-10.28	74	52.81	34.4	11.79	35.28	255	0	P	V
		5148.98	49.55	-4.45	54	38.49	34.4	11.94	35.28	255	0	A	V
	*	5180	107.28	-	-	96.2	34.52	11.83	35.27	255	0	P	V
	*	5180	100.18	-	-	89.1	34.52	11.83	35.27	255	0	A	V
													V
802.11a CH 44 5220MHz		5148.98	55.86	-18.14	74	44.95	34.4	11.79	35.28	156	307	P	H
		5150	46.5	-7.5	54	35.44	34.4	11.94	35.28	156	307	A	H
	*	5220	113.23	-	-	102.06	34.56	11.86	35.25	156	307	P	H
	*	5220	105.67	-	-	94.5	34.56	11.86	35.25	156	307	A	H
		5444.04	49.22	-24.78	74	37.61	34.71	12.04	35.14	156	307	P	H
		5406.8	39.69	-14.31	54	27.93	34.79	12.13	35.16	156	307	A	H
		5149.76	52.62	-21.38	74	41.71	34.4	11.79	35.28	243	0	P	V
		5148.72	43.61	-10.39	54	32.55	34.4	11.94	35.28	243	0	A	V
	*	5220	112.57	-	-	101.4	34.56	11.86	35.25	243	0	P	V
	*	5220	104.37	-	-	93.2	34.56	11.86	35.25	243	0	A	V
		5350.8	49.54	-24.46	74	38.37	34.41	11.94	35.18	243	0	P	V
		5400.36	39.62	-14.38	54	27.86	34.8	12.12	35.16	243	0	A	V



802.11a CH 48 5240MHz		5150	51.8	-22.2	74	40.89	34.4	11.79	35.28	170	299	P	H
		5146.9	42.86	-11.14	54	31.8	34.4	11.94	35.28	170	299	A	H
	*	5240	112.95	-	-	101.8	34.52	11.87	35.24	170	299	P	H
	*	5240	105.45	-	-	94.3	34.52	11.87	35.24	170	299	A	H
		5376.28	49.89	-24.11	74	38.49	34.61	11.96	35.17	170	299	P	H
		5353.04	39.74	-14.26	54	28.41	34.42	12.09	35.18	170	299	A	H
		5146.38	50.09	-23.91	74	39.18	34.4	11.79	35.28	236	0	P	V
		5150	42.3	-11.7	54	31.24	34.4	11.94	35.28	236	0	A	V
	*	5240	112.13	-	-	100.98	34.52	11.87	35.24	236	0	P	V
	*	5240	104.18	-	-	93.03	34.52	11.87	35.24	236	0	A	V
		5380.76	50.15	-23.85	74	38.71	34.65	11.96	35.17	236	0	P	V
		5350.8	40.02	-13.98	54	28.7	34.41	12.09	35.18	236	0	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	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	44.34	-23.86	68.2	47.42	37.66	18.57	59.31	-	-	P	H
		13391	48.01	-25.99	74	45.69	39.31	21.24	58.23	-	-	P	H
		13391	36.35	-17.65	54	34.03	39.31	21.24	58.23	-	-	A	H
		14480	47.93	-26.07	74	44.09	39.64	22.29	58.09	-	-	P	H
		15540	47.31	-26.69	74	40.11	41.1	23.33	57.23	-	-	P	H
		17769	53.02	-20.98	74	41.84	41.86	25.44	56.12	-	-	P	H
		17769	42.02	-11.98	54	30.84	41.86	25.44	56.12	-	-	A	H
													H
													H
													H
													H
													H
		10360	43.68	-24.52	68.2	46.76	37.66	18.57	59.31	-	-	P	V
		13391	48.9	-25.1	74	46.58	39.31	21.24	58.23	-	-	P	V
		13391	37.29	-16.71	54	34.97	39.31	21.24	58.23	-	-	A	V
		14480	48.32	-25.68	74	44.48	39.64	22.29	58.09	-	-	P	V
		14480	36.41	-17.59	54	32.57	39.64	22.29	58.09	-	-	A	V
		15540	47.74	-26.26	74	40.54	41.1	23.33	57.23	-	-	P	V
		17802	52.21	-21.79	74	41.05	41.8	25.46	56.1	-	-	P	V
		17802	42.19	-11.81	54	31.03	41.8	25.46	56.1	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	44.94	-23.26	68.2	47.85	37.66	18.64	59.21	-	-	P	H
		13391	48.97	-25.03	74	46.65	39.31	21.24	58.23	-	-	P	H
		13391	37.02	-16.98	54	34.7	39.31	21.24	58.23	-	-	A	H
		14491	48.89	-25.11	74	45.01	39.67	22.3	58.09	-	-	P	H
		14491	37.52	-16.48	54	33.64	39.67	22.3	58.09	-	-	A	H
		15660	47.75	-26.25	74	40.26	41.16	23.45	57.12	-	-	P	H
		17813	52.39	-21.61	74	41.2	41.81	25.47	56.09	-	-	P	H
		17813	42.21	-11.79	54	31.02	41.81	25.47	56.09	-	-	A	H
													H
													H
													H
													H
		10440	45.32	-22.88	68.2	48.23	37.66	18.64	59.21	-	-	P	V
		13391	48.36	-25.64	74	46.04	39.31	21.24	58.23	-	-	P	V
		13391	38.07	-15.93	54	35.75	39.31	21.24	58.23	-	-	A	V
		14480	48.08	-25.92	74	44.24	39.64	22.29	58.09	-	-	P	V
		14480	35.95	-18.05	54	32.11	39.64	22.29	58.09	-	-	A	V
		15660	47.94	-26.06	74	40.45	41.16	23.45	57.12	-	-	P	V
		17714	52.19	-21.81	74	40.98	41.97	25.39	56.15	-	-	P	V
		17714	41.79	-12.21	54	30.58	41.97	25.39	56.15	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	44.66	-23.54	68.2	47.53	37.62	18.67	59.16	-	-	P	H
		13380	48.57	-25.43	74	46.25	39.32	21.23	58.23	-	-	P	H
		13380	37.03	-16.97	54	34.71	39.32	21.23	58.23	-	-	A	H
		14480	47.98	-26.02	74	44.14	39.64	22.29	58.09	-	-	P	H
		15720	49.89	-24.11	74	42.16	41.3	23.5	57.07	-	-	P	H
		15720	39.88	-14.12	54	32.15	41.3	23.5	57.07	-	-	A	H
		17890	52.31	-21.69	74	40.93	41.89	25.54	56.05	-	-	P	H
		17890	41.64	-12.36	54	30.26	41.89	25.54	56.05	-	-	A	H
													H
													H
													H
													H
		10480	45.14	-23.06	68.2	48.01	37.62	18.67	59.16	-	-	P	V
		13380	48.21	-25.79	74	45.89	39.32	21.23	58.23	-	-	P	V
		13380	38.19	-15.81	54	35.87	39.32	21.23	58.23	-	-	A	V
		14491	48.55	-25.45	74	44.67	39.67	22.3	58.09	-	-	P	V
		14491	36.78	-17.22	54	32.9	39.67	22.3	58.09	-	-	A	V
		15720	49.45	-24.55	74	41.72	41.3	23.5	57.07	-	-	P	V
		15720	39.88	-14.12	54	32.15	41.3	23.5	57.07	-	-	A	V
		17813	52.38	-21.62	74	41.19	41.81	25.47	56.09	-	-	P	V
		17813	42.35	-11.65	54	31.16	41.81	25.47	56.09	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5135.1	50.48	-23.52	74	39.59	34.4	11.78	35.29	169	300	P	H
		5144.55	41.04	-12.96	54	29.98	34.4	11.94	35.28	169	300	A	H
	*	5260	112.08	-	-	100.9	34.52	11.89	35.23	169	300	P	H
	*	5260	104.28	-	-	93.1	34.52	11.89	35.23	169	300	A	H
		5353.2	49.79	-24.21	74	38.6	34.43	11.94	35.18	169	300	P	H
		5350.32	40.67	-13.33	54	29.36	34.4	12.09	35.18	169	300	A	H
		5143.85	51.13	-22.87	74	40.22	34.4	11.79	35.28	269	0	P	V
		5146.3	40.6	-13.4	54	29.54	34.4	11.94	35.28	269	0	A	V
	*	5260	110.88	-	-	99.7	34.52	11.89	35.23	269	0	P	V
	*	5260	103.63	-	-	92.45	34.52	11.89	35.23	269	0	A	V
		5399.28	49.18	-24.82	74	37.58	34.79	11.97	35.16	269	0	P	V
		5351.76	40.28	-13.72	54	28.96	34.41	12.09	35.18	269	0	A	V
802.11a CH 60 5300MHz		5085.4	50.15	-23.85	74	39.4	34.34	11.72	35.31	159	300	P	H
		5146.3	40.83	-13.17	54	29.77	34.4	11.94	35.28	159	300	A	H
	*	5300	111.01	-	-	99.7	34.6	11.91	35.2	159	300	P	H
	*	5300	103.41	-	-	92.1	34.6	11.91	35.2	159	300	A	H
		5354.16	52.65	-21.35	74	41.46	34.43	11.94	35.18	159	300	P	H
		5350.56	44.95	-9.05	54	33.64	34.4	12.09	35.18	159	300	A	H
		5138.95	50.22	-23.78	74	39.33	34.4	11.78	35.29	237	0	P	V
		5115.85	40.35	-13.65	54	29.35	34.4	11.9	35.3	237	0	A	V
	*	5300	110.85	-	-	99.54	34.6	11.91	35.2	237	0	P	V
	*	5300	102.91	-	-	91.6	34.6	11.91	35.2	237	0	A	V
		5350.8	54.32	-19.68	74	43.15	34.41	11.94	35.18	237	0	P	V
		5350.08	44.8	-9.2	54	33.49	34.4	12.09	35.18	237	0	A	V



802.11a CH 64 5320MHz	*	5320	110.38	-	-	99.14	34.52	11.92	35.2	172	301	P	H
	*	5320	102.94	-	-	91.7	34.52	11.92	35.2	172	301	A	H
		5353.12	63.86	-10.14	74	52.68	34.42	11.94	35.18	172	301	P	H
		5350.24	51.95	-2.05	54	40.64	34.4	12.09	35.18	172	301	A	H
													H
													H
	*	5320	111.02	-	-	99.78	34.52	11.92	35.2	258	356	P	V
	*	5320	103.84	-	-	92.6	34.52	11.92	35.2	258	356	A	V
		5356	61.94	-12.06	74	50.73	34.45	11.94	35.18	258	356	P	V
		5351.2	51.54	-2.46	54	40.22	34.41	12.09	35.18	258	356	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	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	44.58	-23.62	68.2	47.35	37.64	18.71	59.12	-	-	P	H
		13347	48.88	-25.12	74	46.55	39.35	21.2	58.22	-	-	P	H
		13347	37.89	-16.11	54	35.56	39.35	21.2	58.22	-	-	A	H
		14499	48.5	-25.5	74	44.58	39.7	22.31	58.09	-	-	P	H
		14499	36.39	-17.61	54	32.47	39.7	22.31	58.09	-	-	A	H
		15780	48.2	-25.8	74	40.06	41.6	23.56	57.02	-	-	P	H
		15780	40.52	-13.48	54	32.38	41.6	23.56	57.02	-	-	A	H
		17802	52.25	-21.75	74	41.09	41.8	25.46	56.1	-	-	P	H
		17802	42.17	-11.83	54	31.01	41.8	25.46	56.1	-	-	A	H
													H
													H
													H
		10520	44.99	-23.21	68.2	47.76	37.64	18.71	59.12	-	-	P	V
		13358	48.45	-25.55	74	46.12	39.34	21.21	58.22	-	-	P	V
		13358	38.32	-15.68	54	35.99	39.34	21.21	58.22	-	-	A	V
		14499	48.16	-25.84	74	44.24	39.7	22.31	58.09	-	-	P	V
		14499	37.62	-16.38	54	33.7	39.7	22.31	58.09	-	-	A	V
		15780	48.92	-25.08	74	40.78	41.6	23.56	57.02	-	-	P	V
		15780	39.69	-14.31	54	31.55	41.6	23.56	57.02	-	-	A	V
		17714	53.51	-20.49	74	42.3	41.97	25.39	56.15	-	-	P	V
		17714	42.23	-11.77	54	31.02	41.97	25.39	56.15	-	-	A	V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
i802.11a CH 60 5300MHz		10600	45	-29	74	47.45	37.8	18.77	59.02	-	-	P	H
		13336	48.16	-25.84	74	45.82	39.36	21.19	58.21	-	-	P	H
		13336	36.96	-17.04	54	34.62	39.36	21.19	58.21	-	-	A	H
		14499	48.77	-25.23	74	44.85	39.7	22.31	58.09	-	-	P	H
		14499	37.25	-16.75	54	33.33	39.7	22.31	58.09	-	-	A	H
		15900	49.01	-24.99	74	40.25	42	23.68	56.92	-	-	P	H
		15900	40.87	-13.13	54	32.11	42	23.68	56.92	-	-	A	H
		17879	53.53	-20.47	74	42.17	41.88	25.53	56.05	-	-	P	H
		17879	41.53	-12.47	54	30.17	41.88	25.53	56.05	-	-	A	H
													H
													H
													H
		10600	44.44	-29.56	74	46.89	37.8	18.77	59.02	-	-	P	V
		13380	48.98	-25.02	74	46.66	39.32	21.23	58.23	-	-	P	V
		13380	37.88	-16.12	54	35.56	39.32	21.23	58.23	-	-	A	V
		14491	48.52	-25.48	74	44.64	39.67	22.3	58.09	-	-	P	V
		14491	39.67	-14.33	54	35.79	39.67	22.3	58.09	-	-	A	V
		15900	50.65	-23.35	74	41.89	42	23.68	56.92	-	-	P	V
		15900	41.52	-12.48	54	32.76	42	23.68	56.92	-	-	A	V
		17758	52.36	-21.64	74	41.18	41.88	25.43	56.13	-	-	P	V
		17758	42.07	-11.93	54	30.89	41.88	25.43	56.13	-	-	A	V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	45.28	-28.72	74	47.66	37.8	18.8	58.98	-	-	P	H
		13358	48.19	-25.81	74	45.86	39.34	21.21	58.22	-	-	P	H
		13358	38.35	-15.65	54	36.02	39.34	21.21	58.22	-	-	A	H
		14499	48.68	-25.32	74	44.76	39.7	22.31	58.09	-	-	P	H
		14499	38.61	-15.39	54	34.69	39.7	22.31	58.09	-	-	A	H
		15960	49.38	-24.62	74	40.49	42	23.75	56.86	-	-	P	H
		15960	40.84	-13.16	54	31.95	42	23.75	56.86	-	-	A	H
		17747	52.47	-21.53	74	41.27	41.91	25.42	56.13	-	-	P	H
		17747	42.4	-11.6	54	31.2	41.91	25.42	56.13	-	-	A	H
													H
													H
													H
		10640	45.19	-28.81	74	47.57	37.8	18.8	58.98	-	-	P	V
		13358	48.37	-25.63	74	46.04	39.34	21.21	58.22	-	-	P	V
		13358	37.04	-16.96	54	34.71	39.34	21.21	58.22	-	-	A	V
		14480	49.35	-24.65	74	45.51	39.64	22.29	58.09	-	-	P	V
		14480	39.73	-14.27	54	35.89	39.64	22.29	58.09	-	-	A	V
		15960	48.66	-25.34	74	39.77	42	23.75	56.86	-	-	P	V
		15960	40.99	-13.01	54	32.1	42	23.75	56.86	-	-	A	V
		17879	52.69	-21.31	74	41.33	41.88	25.53	56.05	-	-	P	V
		17879	42.62	-11.38	54	31.26	41.88	25.53	56.05	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5457.2	58.38	-15.62	74	46.72	34.73	12.06	35.13	156	312	P	H
		5470	63.85	-4.35	68.2	52.12	34.78	12.08	35.13	156	312	P	H
		5460	47.01	-6.99	54	35.19	34.74	12.21	35.13	156	312	A	H
	*	5500	105.91	-	-	94.01	34.9	12.12	35.12	156	312	P	H
	*	5500	98.97	-	-	87.07	34.9	12.12	35.12	156	312	A	H
													H
		5459.6	62.21	-11.79	74	50.54	34.74	12.06	35.13	269	359	P	V
		5468.72	65.53	-2.67	68.2	53.81	34.77	12.08	35.13	269	359	P	V
		5459.12	49.05	-4.95	54	37.23	34.74	12.21	35.13	269	359	A	V
	*	5500	110.17	-	-	98.27	34.9	12.12	35.12	269	359	P	V
	*	5500	102.65	-	-	90.75	34.9	12.12	35.12	269	359	A	V
													V
802.11a CH 116 5580MHz		5459.44	49.05	-24.95	74	37.38	34.74	12.06	35.13	378	302	P	H
		5469.76	47.96	-20.24	68.2	36.23	34.78	12.08	35.13	378	302	P	H
		5439.76	39.68	-14.32	54	27.92	34.72	12.18	35.14	378	302	A	H
	*	5580	106.38	-	-	94.35	34.92	12.25	35.14	378	302	P	H
	*	5580	99.13	-	-	87.1	34.92	12.25	35.14	378	302	A	H
		5764.055	50.44	-17.76	68.2	38.23	34.94	12.44	35.17	378	302	P	H
		5440.72	48.8	-25.2	74	37.19	34.72	12.03	35.14	229	357	P	V
		5469.28	50.19	-18.01	68.2	38.46	34.78	12.08	35.13	229	357	P	V
		5458.48	40.01	-13.99	54	28.2	34.73	12.21	35.13	229	357	A	V
	*	5580	109.33	-	-	97.3	34.92	12.25	35.14	229	357	P	V
	*	5580	101.93	-	-	89.9	34.92	12.25	35.14	229	357	A	V
		5738.855	49.71	-18.49	68.2	37.46	35	12.42	35.17	229	357	P	V



802.11a CH 140 5700MHz	*	5700	106.2	-	-	93.98	35	12.38	35.16	299	312	P	H
	*	5700	98.82	-	-	86.6	35	12.38	35.16	299	312	A	H
		5735.96	59.61	-8.59	68.2	47.36	35	12.42	35.17	299	312	P	H
													H
													H
													H
	*	5700	108.25	-	-	96.03	35	12.38	35.16	202	359	P	V
	*	5700	100.95	-	-	88.73	35	12.38	35.16	202	359	A	V
		5726.28	66.37	-1.83	68.2	54.12	35	12.41	35.16	202	359	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	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	46.08	-27.92	74	47.64	37.9	19.1	58.56	-	-	P	H
		13380	48.79	-25.21	74	46.47	39.32	21.23	58.23	-	-	P	H
		13380	35.75	-18.25	54	33.43	39.32	21.23	58.23	-	-	A	H
		14480	48.2	-25.8	74	44.36	39.64	22.29	58.09	-	-	P	H
		14480	39.35	-14.65	54	35.51	39.64	22.29	58.09	-	-	A	H
		16500	50.27	-17.93	68.2	39.96	42.7	24.25	56.64	-	-	P	H
		17736	52.31	-21.69	74	41.11	41.93	25.41	56.14	-	-	P	H
		17736	41.98	-12.02	54	30.78	41.93	25.41	56.14	-	-	A	H
													H
													H
													H
													H
		11000	45.45	-28.55	74	47.01	37.9	19.1	58.56	-	-	P	V
		13325	48.59	-25.41	74	46.24	39.38	21.18	58.21	-	-	P	V
		13325	37.58	-16.42	54	35.23	39.38	21.18	58.21	-	-	A	V
		14499	49.01	-24.99	74	45.09	39.7	22.31	58.09	-	-	P	V
		14499	37.93	-16.07	54	34.01	39.7	22.31	58.09	-	-	A	V
		16500	50.41	-17.79	68.2	40.1	42.7	24.25	56.64	-	-	P	V
		17901	52.23	-21.77	74	40.82	41.9	25.55	56.04	-	-	P	V
		17901	41.67	-12.33	54	30.26	41.9	25.55	56.04	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	45.03	-28.97	74	46.17	37.86	19.23	58.23	-	-	P	H
		13380	48.62	-25.38	74	46.3	39.32	21.23	58.23	-	-	P	H
		13380	37.07	-16.93	54	34.75	39.32	21.23	58.23	-	-	A	H
		14491	48.03	-25.97	74	44.15	39.67	22.3	58.09	-	-	P	H
		14491	37.1	-16.9	54	33.22	39.67	22.3	58.09	-	-	A	H
		16740	49.88	-18.32	68.2	39.18	42.9	24.47	56.67	-	-	P	H
		17846	52.21	-21.79	74	40.93	41.85	25.5	56.07	-	-	P	H
		17846	42.58	-11.42	54	31.3	41.85	25.5	56.07	-	-	A	H
													H
													H
													H
													H
		11160	45.16	-28.84	74	46.3	37.86	19.23	58.23	-	-	P	V
		13380	48.18	-25.82	74	45.86	39.32	21.23	58.23	-	-	P	V
		13380	38.22	-15.78	54	35.9	39.32	21.23	58.23	-	-	A	V
		14491	48.38	-25.62	74	44.5	39.67	22.3	58.09	-	-	P	V
		14491	37.58	-16.42	54	33.7	39.67	22.3	58.09	-	-	A	V
		16740	49.62	-18.58	68.2	38.92	42.9	24.47	56.67	-	-	P	V
		17780	52.28	-21.72	74	41.1	41.84	25.45	56.11	-	-	P	V
		17780	42.87	-11.13	54	31.69	41.84	25.45	56.11	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		11400	45.26	-28.74	74	45.36	38.2	19.43	57.73	-	-	P	H
		13347	48.45	-25.55	74	46.12	39.35	21.2	58.22	-	-	P	H
		13347	38.35	-15.65	54	36.02	39.35	21.2	58.22	-	-	A	H
		14499	47.9	-26.1	74	43.98	39.7	22.31	58.09	-	-	P	H
		17100	50.52	-17.68	68.2	39.93	42.4	24.81	56.62	-	-	P	H
		17824	52.24	-21.76	74	41.03	41.82	25.48	56.09	-	-	P	H
		17824	42.65	-11.35	54	31.44	41.82	25.48	56.09	-	-	A	H
													H
													H
													H
													H
													H
		11400	46.1	-27.9	74	46.2	38.2	19.43	57.73	-	-	P	V
		13347	48.66	-25.34	74	46.33	39.35	21.2	58.22	-	-	P	V
		13347	38.21	-15.79	54	35.88	39.35	21.2	58.22	-	-	A	V
		14499	48.71	-25.29	74	44.79	39.7	22.31	58.09	-	-	P	V
		14499	39.33	-14.67	54	35.41	39.7	22.31	58.09	-	-	A	V
		17100	51.16	-17.04	68.2	40.57	42.4	24.81	56.62	-	-	P	V
		17769	52.19	-21.81	74	41.01	41.86	25.44	56.12	-	-	P	V
		17769	42.39	-11.61	54	31.21	41.86	25.44	56.12	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5449.06	48.61	-25.39	74	37	34.7	12.05	35.14	156	306	P	H
		5468.56	48.75	-19.45	68.2	37.03	34.77	12.08	35.13	156	306	P	H
		5389	39.61	-14.39	54	27.96	34.71	12.11	35.17	156	306	A	H
	*	5720	106.37	-	-	94.13	35	12.4	35.16	156	306	P	H
	*	5720	99.44	-	-	87.2	35	12.4	35.16	156	306	A	H
		5923.75	50.3	-17.9	68.2	37.89	35.05	12.56	35.2	156	306	P	H
		5444.38	49.21	-24.79	74	37.6	34.71	12.04	35.14	250	360	P	V
		5463.1	49.16	-19.04	68.2	37.47	34.75	12.07	35.13	250	360	P	V
		5425.66	39.92	-14.08	54	28.15	34.75	12.16	35.14	250	360	A	V
	*	5720	108.74	-	-	96.5	35	12.4	35.16	250	360	P	V
	*	5720	101.62	-	-	89.38	35	12.4	35.16	250	360	A	V
		5850.5	51.19	-17.01	68.2	39.06	34.8	12.51	35.18	250	360	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	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	45.74	-28.26	74	45.64	38.28	19.46	57.64	-	-	P	H
		13347	47.85	-26.15	74	45.52	39.35	21.2	58.22	-	-	P	H
		14480	47.95	-26.05	74	44.11	39.64	22.29	58.09	-	-	P	H
		17160	51.34	-16.86	68.2	40.76	42.28	24.87	56.57	-	-	P	H
		17769	52.72	-21.28	74	41.54	41.86	25.44	56.12	-	-	P	H
		17769	42.41	-11.59	54	31.23	41.86	25.44	56.12	-	-	A	H
													H
													H
													H
													H
													H
													H
		11440	45.96	-28.04	74	45.86	38.28	19.46	57.64	-	-	P	V
		13380	48.69	-25.31	74	46.37	39.32	21.23	58.23	-	-	P	V
		13380	37.29	-16.71	54	34.97	39.32	21.23	58.23	-	-	A	V
		14499	48.17	-25.83	74	44.25	39.7	22.31	58.09	-	-	P	V
		14499	39.14	-14.86	54	35.22	39.7	22.31	58.09	-	-	A	V
		17160	51.57	-16.63	68.2	40.99	42.28	24.87	56.57	-	-	P	V
		17758	52.9	-21.1	74	41.72	41.88	25.43	56.13	-	-	P	V
		17758	41.96	-12.04	54	30.78	41.88	25.43	56.13	-	-	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission below 1GHz

WIFI 802.11a (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a LF		48.63	22.25	-17.75	40	36.13	14.87	1.26	30.01	-	-	P	H
		156.09	24.28	-19.22	43.5	35.41	16.76	2.09	29.98	-	-	P	H
		200.1	26.45	-17.05	43.5	39.12	14.94	2.36	29.97	-	-	P	H
		315.4	28.79	-17.21	46	36.52	19.38	2.87	29.98	-	-	P	H
		878.2	31.77	-14.23	46	27.44	28.75	4.64	29.06	-	-	P	H
		950.3	33.33	-12.67	46	26.84	30.33	4.87	28.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		30	32.73	-7.27	40	37.29	24.57	0.9	30.03	-	-	P	V
		57.54	23.56	-16.44	40	40.2	12.01	1.36	30.01	-	-	P	V
		170.4	23.37	-20.13	43.5	35.59	15.58	2.18	29.98	-	-	P	V
		319.6	27.78	-18.22	46	35.48	19.4	2.88	29.98	-	-	P	V
		891.5	31.51	-14.49	46	27.16	28.67	4.65	28.97	-	-	P	V
		957.3	32.46	-13.54	46	25.57	30.67	4.9	28.68	-	-	P	V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.72	61.52	-12.48	74	50.61	34.4	11.79	35.28	100	279	P	H
		5150	50.62	-3.38	54	39.56	34.4	11.94	35.28	100	279	A	H
	*	5180	107.15	-	-	96.07	34.52	11.83	35.27	100	279	P	H
	*	5180	99.25	-	-	88.17	34.52	11.83	35.27	100	279	A	H
													H
													H
		5148.72	59.11	-14.89	74	48.2	34.4	11.79	35.28	389	86	P	V
		5149.5	48.07	-5.93	54	37.01	34.4	11.94	35.28	389	86	A	V
	*	5180	105.54	-	-	94.46	34.52	11.83	35.27	389	86	P	V
	*	5180	97.78	-	-	86.7	34.52	11.83	35.27	389	86	A	V
													V
													V
802.11a CH 44 5220MHz		5150	52.59	-21.41	74	41.68	34.4	11.79	35.28	100	346	P	H
		5149.76	43.47	-10.53	54	32.41	34.4	11.94	35.28	100	346	A	H
	*	5220	108.34	-	-	97.17	34.56	11.86	35.25	100	346	P	H
	*	5220	100.87	-	-	89.7	34.56	11.86	35.25	100	346	A	H
		5405.4	48.92	-25.08	74	37.31	34.79	11.98	35.16	100	346	P	H
		5451.32	39.65	-14.35	54	27.87	34.71	12.2	35.13	100	346	A	H
		5066.56	49.52	-24.48	74	38.88	34.27	11.7	35.33	381	353	P	V
		5137.54	40.65	-13.35	54	29.61	34.4	11.93	35.29	381	353	A	V
	*	5220	107.4	-	-	96.23	34.56	11.86	35.25	381	353	P	V
	*	5220	99.87	-	-	88.7	34.56	11.86	35.25	381	353	A	V
		5437.88	49.36	-24.64	74	37.75	34.72	12.03	35.14	381	353	P	V
		5458.04	39.67	-14.33	54	27.86	34.73	12.21	35.13	381	353	A	V



802.11a CH 48 5240MHz		5133.9	48.73	-25.27	74	37.85	34.4	11.77	35.29	102	282	P	H
		5146.64	40.8	-13.2	54	29.74	34.4	11.94	35.28	102	282	A	H
	*	5240	108.45	-	-	97.3	34.52	11.87	35.24	102	282	P	H
	*	5240	101.18	-	-	90.03	34.52	11.87	35.24	102	282	A	H
		5362.28	49.55	-24.45	74	38.28	34.5	11.95	35.18	102	282	P	H
		5459.44	39.46	-14.54	54	27.64	34.74	12.21	35.13	102	282	A	H
		5114.14	50.01	-23.99	74	39.16	34.4	11.75	35.3	379	353	P	V
		5125.58	40.31	-13.69	54	29.29	34.4	11.91	35.29	379	353	A	V
	*	5240	107.85	-	-	96.7	34.52	11.87	35.24	379	353	P	V
	*	5240	100.35	-	-	89.2	34.52	11.87	35.24	379	353	A	V
		5398.68	49.78	-24.22	74	38.19	34.79	11.97	35.17	379	353	P	V
		5428.64	39.5	-14.5	54	27.74	34.74	12.16	35.14	379	353	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. 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	45.39	-22.81	68.2	48.47	37.66	18.57	59.31	-	-	P	H
		13380	48.42	-25.58	74	46.1	39.32	21.23	58.23	-	-	P	H
		13380	37.43	-16.57	54	35.11	39.32	21.23	58.23	-	-	A	H
		14499	47.96	-26.04	74	44.04	39.7	22.31	58.09	-	-	P	H
		15540	47.67	-26.33	74	40.47	41.1	23.33	57.23	-	-	P	H
		17714	53.15	-20.85	74	41.94	41.97	25.39	56.15	-	-	P	H
		17714	42.23	-11.77	54	31.02	41.97	25.39	56.15	-	-	A	H
													H
													H
													H
													H
													H
		10360	47.28	-20.92	68.2	50.36	37.66	18.57	59.31	-	-	P	V
		13347	48.23	-25.77	74	45.9	39.35	21.2	58.22	-	-	P	V
		13347	37.24	-16.76	54	34.91	39.35	21.2	58.22	-	-	A	V
		14491	48.49	-25.51	74	44.61	39.67	22.3	58.09	-	-	P	V
		14491	37.78	-16.22	54	33.9	39.67	22.3	58.09	-	-	A	V
		15540	47.48	-26.52	74	40.28	41.1	23.33	57.23	-	-	P	V
		17725	52.49	-21.51	74	41.29	41.95	25.4	56.15	-	-	P	V
		17725	42.11	-11.89	54	30.91	41.95	25.4	56.15	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 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 44 5220MHz		10440	47.68	-20.52	68.2	50.59	37.66	18.64	59.21	-	-	P	H
		13369	48.42	-25.58	74	46.09	39.33	21.22	58.22	-	-	P	H
		13369	37.83	-16.17	54	35.5	39.33	21.22	58.22	-	-	A	H
		14499	47.61	-26.39	74	43.69	39.7	22.31	58.09	-	-	P	H
		15660	48.77	-25.23	74	41.28	41.16	23.45	57.12	-	-	P	H
		15660	38.58	-15.42	54	31.09	41.16	23.45	57.12	-	-	A	H
		17736	53.17	-20.83	74	41.97	41.93	25.41	56.14	-	-	P	H
		17736	42.09	-11.91	54	30.89	41.93	25.41	56.14	-	-	A	H
													H
													H
													H
													H
		10440	48.24	-19.96	68.2	51.15	37.66	18.64	59.21	-	-	P	V
		13347	48	-26	74	45.67	39.35	21.2	58.22	-	-	P	V
		13347	37.04	-16.96	54	34.71	39.35	21.2	58.22	-	-	A	V
		14480	48.24	-25.76	74	44.4	39.64	22.29	58.09	-	-	P	V
		14480	37.94	-16.06	54	34.1	39.64	22.29	58.09	-	-	A	V
		15660	47.98	-26.02	74	40.49	41.16	23.45	57.12	-	-	P	V
		17758	52.58	-21.42	74	41.4	41.88	25.43	56.13	-	-	P	V
		17758	42.14	-11.86	54	30.96	41.88	25.43	56.13	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 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 48 5240MHz		10480	48.76	-19.44	68.2	51.63	37.62	18.67	59.16	-	-	P	H
		13336	47.97	-26.03	74	45.63	39.36	21.19	58.21	-	-	P	H
		14491	48.33	-25.67	74	44.45	39.67	22.3	58.09	-	-	P	H
		14491	38.35	-15.65	54	34.47	39.67	22.3	58.09	-	-	A	H
		15720	49.56	-24.44	74	41.83	41.3	23.5	57.07	-	-	P	H
		15720	38.73	-15.27	54	31	41.3	23.5	57.07	-	-	A	H
		17758	52.54	-21.46	74	41.36	41.88	25.43	56.13	-	-	P	H
		17758	42.18	-11.82	54	31	41.88	25.43	56.13	-	-	A	H
													H
													H
													H
													H
		10480	48.92	-19.28	68.2	51.79	37.62	18.67	59.16	-	-	P	V
		13369	48.2	-25.8	74	45.87	39.33	21.22	58.22	-	-	P	V
		13369	37.18	-16.82	54	34.85	39.33	21.22	58.22	-	-	A	V
		14480	48.44	-25.56	74	44.6	39.64	22.29	58.09	-	-	P	V
		14480	38.32	-15.68	54	34.48	39.64	22.29	58.09	-	-	A	V
		15720	48.72	-25.28	74	40.99	41.3	23.5	57.07	-	-	P	V
		15720	38.29	-15.71	54	30.56	41.3	23.5	57.07	-	-	A	V
		17780	52.55	-21.45	74	41.37	41.84	25.45	56.11	-	-	P	V
		17780	41.97	-12.03	54	30.79	41.84	25.45	56.11	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 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		5050.05	49.93	-24.07	74	39.38	34.2	11.68	35.33	100	343	P	H
		5145.95	40.33	-13.67	54	29.27	34.4	11.94	35.28	100	343	A	H
	*	5260	107.33	-	-	96.15	34.52	11.89	35.23	100	343	P	H
	*	5260	99.98	-	-	88.8	34.52	11.89	35.23	100	343	A	H
		5377.44	49.59	-24.41	74	38.18	34.62	11.96	35.17	100	343	P	H
		5382.24	39.48	-14.52	54	27.88	34.66	12.11	35.17	100	343	A	H
		5085.4	49.39	-24.61	74	38.64	34.34	11.72	35.31	400	0	P	V
		5131.25	40.03	-13.97	54	29	34.4	11.92	35.29	400	0	A	V
	*	5260	106.38	-	-	95.2	34.52	11.89	35.23	400	0	P	V
	*	5260	98.88	-	-	87.7	34.52	11.89	35.23	400	0	A	V
		5366.64	48.89	-25.11	74	37.59	34.53	11.95	35.18	400	0	P	V
		5406.24	39.59	-14.41	54	27.83	34.79	12.13	35.16	400	0	A	V
802.11a CH 60 5300MHz		5094.15	49.94	-24.06	74	39.13	34.38	11.73	35.3	100	284	P	H
		5100.8	40.18	-13.82	54	29.19	34.4	11.89	35.3	100	284	A	H
	*	5300	107.21	-	-	95.9	34.6	11.91	35.2	100	284	P	H
	*	5300	99.81	-	-	88.5	34.6	11.91	35.2	100	284	A	H
		5362.32	52.05	-21.95	74	40.78	34.5	11.95	35.18	100	284	P	H
		5352.48	43.28	-10.72	54	31.95	34.42	12.09	35.18	100	284	A	H
		5129.85	49.94	-24.06	74	39.06	34.4	11.77	35.29	392	360	P	V
		5100.45	40.36	-13.64	54	29.37	34.4	11.89	35.3	392	360	A	V
	*	5300	107.39	-	-	96.08	34.6	11.91	35.2	392	360	P	V
	*	5300	100.11	-	-	88.8	34.6	11.91	35.2	392	360	A	V
		5353.44	50.53	-23.47	74	39.34	34.43	11.94	35.18	392	360	P	V
		5350.08	40.51	-13.49	54	29.2	34.4	12.09	35.18	392	360	A	V



802.11a CH 64 5320MHz	*	5320	106.86	-	-	95.62	34.52	11.92	35.2	100	285	P	H
	*	5320	99.54	-	-	88.3	34.52	11.92	35.2	100	285	A	H
		5352.48	61.19	-12.81	74	50.01	34.42	11.94	35.18	100	285	P	H
		5350.24	49.85	-4.15	54	38.54	34.4	12.09	35.18	100	285	A	H
													H
													H
	*	5320	107.19	-	-	95.95	34.52	11.92	35.2	366	356	P	V
	*	5320	100.1	-	-	88.86	34.52	11.92	35.2	366	356	A	V
		5350.24	56.49	-17.51	74	45.33	34.4	11.94	35.18	366	356	P	V
		5350.72	47.2	-6.8	54	35.88	34.41	12.09	35.18	366	356	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. 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	46.95	-21.25	68.2	49.72	37.64	18.71	59.12	-	-	P	H
		13380	48.56	-25.44	74	46.24	39.32	21.23	58.23	-	-	P	H
		13380	37.43	-16.57	54	35.11	39.32	21.23	58.23	-	-	A	H
		14491	48.17	-25.83	74	44.29	39.67	22.3	58.09	-	-	P	H
		14491	38.48	-15.52	54	34.6	39.67	22.3	58.09	-	-	A	H
		15780	48.72	-25.28	74	40.58	41.6	23.56	57.02	-	-	P	H
		15780	38.48	-15.52	54	30.34	41.6	23.56	57.02	-	-	A	H
		17714	52.68	-21.32	74	41.47	41.97	25.39	56.15	-	-	P	H
		17714	41.93	-12.07	54	30.72	41.97	25.39	56.15	-	-	A	H
													H
													H
													H
		10520	48.47	-19.73	68.2	51.24	37.64	18.71	59.12	-	-	P	V
		13358	48.33	-25.67	74	46	39.34	21.21	58.22	-	-	P	V
		13358	37.15	-16.85	54	34.82	39.34	21.21	58.22	-	-	A	V
		14491	47.69	-26.31	74	43.81	39.67	22.3	58.09	-	-	P	V
		15780	48.98	-25.02	74	40.84	41.6	23.56	57.02	-	-	P	V
		15780	38.57	-15.43	54	30.43	41.6	23.56	57.02	-	-	A	V
		17791	52.47	-21.53	74	41.3	41.82	25.46	56.11	-	-	P	V
		17791	42.01	-11.99	54	30.84	41.82	25.46	56.11	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 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 60 5300MHz		10600	47.63	-26.37	74	50.08	37.8	18.77	59.02	-	-	P	H
		13358	48.41	-25.59	74	46.08	39.34	21.21	58.22	-	-	P	H
		13358	37.54	-16.46	54	35.21	39.34	21.21	58.22	-	-	A	H
		14502	48.1	-20.1	68.2	44.17	39.7	22.32	58.09	-	-	P	H
		14502	38.35	-15.65	54	34.42	39.7	22.32	58.09	-	-	A	H
		15900	48.62	-25.38	74	39.86	42	23.68	56.92	-	-	P	H
		15900	38.9	-15.1	54	30.14	42	23.68	56.92	-	-	A	H
		17890	52.7	-21.3	74	41.32	41.89	25.54	56.05	-	-	P	H
		17890	42.36	-11.64	54	30.98	41.89	25.54	56.05	-	-	A	H
													H
													H
													H
		10600	50.34	-23.66	74	52.79	37.8	18.77	59.02	120	10	P	V
		10600	41.94	-12.06	54	44.39	37.8	18.77	59.02	120	10	A	V
		13369	48.57	-25.43	74	46.24	39.33	21.22	58.22	-	-	P	V
		13369	37.43	-16.57	54	35.1	39.33	21.22	58.22	-	-	A	V
		14499	48.03	-25.97	74	44.11	39.7	22.31	58.09	-	-	P	V
		14499	38.12	-15.88	54	34.2	39.7	22.31	58.09	-	-	A	V
		15900	50.55	-23.45	74	41.79	42	23.68	56.92	-	-	P	V
		15900	39.67	-14.33	54	30.91	42	23.68	56.92	-	-	A	V
		17967	52.47	-21.53	74	41.02	41.83	25.62	56	-	-	P	V
		17967	42.54	-11.46	54	31.09	41.83	25.62	56	-	-	A	V
													V
													V



WIFI Ant. 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 64 5320MHz		10640	47.46	-26.54	74	49.84	37.8	18.8	58.98	-	-	P	H
		13369	48.21	-25.79	74	45.88	39.33	21.22	58.22	-	-	P	H
		13369	37.65	-16.35	54	35.32	39.33	21.22	58.22	-	-	A	H
		14502	49.21	-18.99	68.2	45.28	39.7	22.32	58.09	-	-	P	H
		14502	38.77	-15.23	54	34.84	39.7	22.32	58.09	-	-	A	H
		15960	47.18	-26.82	74	38.29	42	23.75	56.86	-	-	P	H
		17747	52.19	-21.81	74	40.99	41.91	25.42	56.13	-	-	P	H
		17747	41.99	-12.01	54	30.79	41.91	25.42	56.13	-	-	A	H
													H
													H
													H
													H
		10640	50.18	-23.82	74	52.56	37.8	18.8	58.98	116	7	P	V
		10640	42.22	-11.78	54	44.6	37.8	18.8	58.98	116	7	A	V
		13358	48.59	-25.41	74	46.26	39.34	21.21	58.22	-	-	P	V
		13358	38.44	-15.56	54	36.11	39.34	21.21	58.22	-	-	A	V
		14491	48.59	-25.41	74	44.71	39.67	22.3	58.09	-	-	P	V
		14491	38.48	-15.52	54	34.6	39.67	22.3	58.09	-	-	A	V
		15960	48.44	-25.56	74	39.55	42	23.75	56.86	-	-	P	V
		15960	38.94	-15.06	54	30.05	42	23.75	56.86	-	-	A	V
		17879	52.3	-21.7	74	40.94	41.88	25.53	56.05	-	-	P	V
		17879	42.06	-11.94	54	30.7	41.88	25.53	56.05	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 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		5458.16	63.23	-10.77	74	51.57	34.73	12.06	35.13	106	244	P	H
		5469.84	65.71	-2.49	68.2	53.98	34.78	12.08	35.13	106	244	P	H
		5458.8	51.08	-2.92	54	39.26	34.74	12.21	35.13	106	244	A	H
	*	5500	107.6	-	-	95.7	34.9	12.12	35.12	106	244	P	H
	*	5500	101.01	-	-	89.11	34.9	12.12	35.12	106	244	A	H
													H
		5458.32	53.14	-20.86	74	41.48	34.73	12.06	35.13	400	353	P	V
		5469.84	58.97	-9.23	68.2	47.24	34.78	12.08	35.13	400	353	P	V
		5460	41.96	-12.04	54	30.14	34.74	12.21	35.13	400	353	A	V
	*	5500	107.07	-	-	95.17	34.9	12.12	35.12	400	353	P	V
	*	5500	99.4	-	-	87.5	34.9	12.12	35.12	400	353	A	V
													V
802.11a CH 116 5580MHz		5449.84	48.61	-25.39	74	36.99	34.7	12.05	35.13	100	246	P	H
		5464	48.19	-20.01	68.2	36.49	34.76	12.07	35.13	100	246	P	H
		5459.92	39.7	-14.3	54	27.88	34.74	12.21	35.13	100	246	A	H
	*	5580	108.73	-	-	96.7	34.92	12.25	35.14	100	246	P	H
	*	5580	101.93	-	-	89.9	34.92	12.25	35.14	100	246	A	H
		5736.65	50.18	-18.02	68.2	37.93	35	12.42	35.17	100	246	P	H
		5449.36	48.51	-25.49	74	36.9	34.7	12.05	35.14	353	359	P	V
		5461.12	48.3	-19.9	68.2	36.63	34.74	12.06	35.13	353	359	P	V
		5445.04	39.55	-14.45	54	27.79	34.71	12.19	35.14	353	359	A	V
	*	5580	105.23	-	-	93.2	34.92	12.25	35.14	353	359	P	V
	*	5580	98.63	-	-	86.6	34.92	12.25	35.14	353	359	A	V
		5727.83	48.56	-19.64	68.2	36.31	35	12.41	35.16	353	359	P	V



802.11a CH 140 5700MHz	*	5700	108.12	-	-	95.9	35	12.38	35.16	100	241	P	H
	*	5700	101.02	-	-	88.8	35	12.38	35.16	100	241	A	H
		5725.56	66.64	-1.56	68.2	54.39	35	12.41	35.16	100	241	P	H
													H
													H
													H
	*	5700	105.48	-	-	93.26	35	12.38	35.16	375	357	P	V
	*	5700	98.52	-	-	86.3	35	12.38	35.16	375	357	A	V
		5727.96	63.27	-4.93	68.2	51.02	35	12.41	35.16	375	357	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. 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	45.95	-28.05	74	47.51	37.9	19.1	58.56	-	-	P	H
		13259	48.19	-25.81	74	45.94	39.32	21.12	58.19	-	-	P	H
		13259	37.65	-16.35	54	35.4	39.32	21.12	58.19	-	-	A	H
		14491	48.57	-25.43	74	44.69	39.67	22.3	58.09	-	-	P	H
		14491	38.58	-15.42	54	34.7	39.67	22.3	58.09	-	-	A	H
		16500	51.76	-16.44	68.2	41.45	42.7	24.25	56.64	-	-	P	H
		17758	52.4	-21.6	74	41.22	41.88	25.43	56.13	-	-	P	H
		17758	42.02	-11.98	54	30.84	41.88	25.43	56.13	-	-	A	H
													H
													H
													H
													H
		11000	47.18	-26.82	74	48.74	37.9	19.1	58.56	-	-	P	V
		13358	48.77	-25.23	74	46.44	39.34	21.21	58.22	-	-	P	V
		13358	38.44	-15.56	54	36.11	39.34	21.21	58.22	-	-	A	V
		14499	48.49	-25.51	74	44.57	39.7	22.31	58.09	-	-	P	V
		14499	38.44	-15.56	54	34.52	39.7	22.31	58.09	-	-	A	V
		16500	49.85	-18.35	68.2	39.54	42.7	24.25	56.64	-	-	P	V
		17824	52.52	-21.48	74	41.31	41.82	25.48	56.09	-	-	P	V
		17824	41.97	-12.03	54	30.76	41.82	25.48	56.09	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 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 116 5580MHz		11160	46.32	-27.68	74	47.46	37.86	19.23	58.23	-	-	P	H
		13347	48.34	-25.66	74	46.01	39.35	21.2	58.22	-	-	P	H
		13347	38.21	-15.79	54	35.88	39.35	21.2	58.22	-	-	A	H
		14502	48.16	-20.04	68.2	44.23	39.7	22.32	58.09	-	-	P	H
		14502	38.48	-15.52	54	34.55	39.7	22.32	58.09	-	-	A	H
		16740	50.6	-17.6	68.2	39.9	42.9	24.47	56.67	-	-	P	H
		17747	52.27	-21.73	74	41.07	41.91	25.42	56.13	-	-	P	H
		17747	42.39	-11.61	54	31.19	41.91	25.42	56.13	-	-	A	H
													H
													H
													H
													H
		11160	46.79	-27.21	74	47.93	37.86	19.23	58.23	-	-	P	V
		13369	48.5	-25.5	74	46.17	39.33	21.22	58.22	-	-	P	V
		13369	37.93	-16.07	54	35.6	39.33	21.22	58.22	-	-	A	V
		14491	49.57	-24.43	74	45.69	39.67	22.3	58.09	-	-	P	V
		14491	40.08	-13.92	54	36.2	39.67	22.3	58.09	-	-	A	V
		16740	50.21	-17.99	68.2	39.51	42.9	24.47	56.67	-	-	P	V
		17714	52.15	-21.85	74	40.94	41.97	25.39	56.15	-	-	P	V
		17714	42.22	-11.78	54	31.01	41.97	25.39	56.15	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 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 140 5700MHz		11400	45.54	-28.46	74	45.64	38.2	19.43	57.73	-	-	P	H
		13358	48.29	-25.71	74	45.96	39.34	21.21	58.22	-	-	P	H
		13358	37.44	-16.56	54	35.11	39.34	21.21	58.22	-	-	A	H
		14499	48.23	-25.77	74	44.31	39.7	22.31	58.09	-	-	P	H
		14499	38.52	-15.48	54	34.6	39.7	22.31	58.09	-	-	A	H
		17100	51.59	-16.61	68.2	41	42.4	24.81	56.62	-	-	P	H
		17879	52.18	-21.82	74	40.82	41.88	25.53	56.05	-	-	P	H
		17879	42.02	-11.98	54	30.66	41.88	25.53	56.05	-	-	A	H
													H
													H
													H
													H
		11400	45.8	-28.2	74	45.9	38.2	19.43	57.73	-	-	P	V
		13380	48.29	-25.71	74	45.97	39.32	21.23	58.23	-	-	P	V
		13380	37.82	-16.18	54	35.5	39.32	21.23	58.23	-	-	A	V
		14480	48.29	-25.71	74	44.45	39.64	22.29	58.09	-	-	P	V
		14480	38.62	-15.38	54	34.78	39.64	22.29	58.09	-	-	A	V
		17100	50.15	-18.05	68.2	39.56	42.4	24.81	56.62	-	-	P	V
		17912	52.41	-21.59	74	40.98	41.89	25.57	56.03	-	-	P	V
		17912	41.95	-12.05	54	30.52	41.89	25.57	56.03	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5442.82	48.43	-25.57	74	36.82	34.71	12.04	35.14	100	218	P	H
		5464.27	47.13	-21.07	68.2	35.43	34.76	12.07	35.13	100	218	P	H
		5445.94	39.42	-14.58	54	27.66	34.71	12.19	35.14	100	218	A	H
	*	5720	110.18	-	-	97.94	35	12.4	35.16	100	218	P	H
	*	5720	103.32	-	-	91.08	35	12.4	35.16	100	218	A	H
		5887.5	50.54	-17.66	68.2	38.24	34.95	12.54	35.19	100	218	P	H
		5402.26	48.29	-25.71	74	36.68	34.8	11.97	35.16	350	345	P	V
		5466.22	47.15	-21.05	68.2	35.45	34.76	12.07	35.13	350	345	P	V
		5435.02	39.27	-14.73	54	27.51	34.73	12.17	35.14	350	345	A	V
	*	5720	107.3	-	-	95.06	35	12.4	35.16	350	345	P	V
	*	5720	100.07	-	-	87.83	35	12.4	35.16	350	345	A	V
		5921.25	50.34	-17.86	68.2	37.94	35.04	12.56	35.2	350	345	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. 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	45.8	-28.2	74	45.7	38.28	19.46	57.64	-	-	P	H
		13347	48.56	-25.44	74	46.23	39.35	21.2	58.22	-	-	P	H
		13347	38.56	-15.44	54	36.23	39.35	21.2	58.22	-	-	A	H
		14491	48.64	-25.36	74	44.76	39.67	22.3	58.09	-	-	P	H
		14491	38.93	-15.07	54	35.05	39.67	22.3	58.09	-	-	A	H
		17160	51.39	-16.81	68.2	40.81	42.28	24.87	56.57	-	-	P	H
		17747	52.15	-21.85	74	40.95	41.91	25.42	56.13	-	-	P	H
		17747	42.39	-11.61	54	31.19	41.91	25.42	56.13	-	-	A	H
													H
													H
													H
													H
		11440	46.6	-27.4	74	46.5	38.28	19.46	57.64	-	-	P	V
		13347	48.59	-25.41	74	46.26	39.35	21.2	58.22	-	-	P	V
		13347	39.06	-14.94	54	36.73	39.35	21.2	58.22	-	-	A	V
		14499	48.43	-25.57	74	44.51	39.7	22.31	58.09	-	-	P	V
		14499	38.38	-15.62	54	34.46	39.7	22.31	58.09	-	-	A	V
		17160	51.87	-16.33	68.2	41.29	42.28	24.87	56.57	-	-	P	V
		17890	51.7	-22.3	74	40.32	41.89	25.54	56.05	-	-	P	V
		17890	41.86	-12.14	54	30.48	41.89	25.54	56.05	-	-	A	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

[illegible]



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		5145.86	62.49	-11.51	74	51.78	34.2	11.79	35.28	217	316	P	H
		5150	51.09	-2.91	54	40.01	34.2	12.16	35.28	217	316	A	H
	*	5180	112.57	-	-	101.74	34.27	11.83	35.27	217	316	P	H
	*	5180	103.08	-	-	92.25	34.27	11.83	35.27	217	316	A	H
													H
													H
		5141.18	61.32	-12.68	74	50.63	34.2	11.78	35.29	200	350	P	V
		5148.98	50.14	-3.86	54	39.06	34.2	12.16	35.28	200	350	A	V
	*	5180	110.29	-	-	99.46	34.27	11.83	35.27	200	350	P	V
	*	5180	102.21	-	-	91.38	34.27	11.83	35.27	200	350	A	V
													V
													V
802.11ax HE20 Full CH 44 5220MHz		5148.72	59.25	-14.75	74	48.34	34.4	11.79	35.28	214	314	P	H
		5149.76	50.5	-3.5	54	39.22	34.4	12.16	35.28	214	314	A	H
	*	5220	114.15	-	-	102.98	34.56	11.86	35.25	214	314	P	H
	*	5220	109.94	-	-	98.77	34.56	11.86	35.25	214	314	A	H
		5351.36	51.81	-22.19	74	40.64	34.41	11.94	35.18	214	314	P	H
		5354.72	41.91	-12.09	54	30.34	34.44	12.31	35.18	214	314	A	H
		5145.6	58.36	-15.64	74	47.45	34.4	11.79	35.28	162	351	P	V
		5150	50.78	-3.22	54	39.5	34.4	12.16	35.28	162	351	A	V
	*	5220	114.87	-	-	103.7	34.56	11.86	35.25	162	351	P	V
	*	5220	106.83	-	-	95.66	34.56	11.86	35.25	162	351	A	V
		5358.36	51.23	-22.77	74	39.99	34.47	11.95	35.18	162	351	P	V
		5355.56	40.87	-13.13	54	29.3	34.44	12.31	35.18	162	351	A	V



802.11ax HE20 Full CH 48 5240MHz		5150	55.44	-18.56	74	44.53	34.4	11.79	35.28	230	322	P	H
		5150	47.01	-6.99	54	35.73	34.4	12.16	35.28	230	322	A	H
	*	5240	114.46	-	-	103.31	34.52	11.87	35.24	230	322	P	H
	*	5240	115.15	-	-	104	34.52	11.87	35.24	230	322	A	H
		5352.76	53.16	-20.84	74	41.98	34.42	11.94	35.18	230	322	P	H
		5350.8	43.61	-10.39	54	32.07	34.41	12.31	35.18	230	322	A	H
		5143.26	54.71	-19.29	74	43.82	34.4	11.78	35.29	100	14	P	V
		5147.42	45.28	-8.72	54	34	34.4	12.16	35.28	100	14	A	V
	*	5240	113.75	-	-	102.6	34.52	11.87	35.24	100	14	P	V
	*	5240	105.25	-	-	94.1	34.52	11.87	35.24	100	14	A	V
		5394.2	52.05	-21.95	74	40.5	34.75	11.97	35.17	100	14	P	V
		5355	42.04	-11.96	54	30.47	34.44	12.31	35.18	100	14	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	46.85	-21.35	68.2	50.02	37.57	18.57	59.31	-	-	P	H
		13369	48.04	-25.96	74	46.1	38.94	21.22	58.22	-	-	P	H
		13369	37.84	-16.16	54	35.9	38.94	21.22	58.22	-	-	A	H
		14480	46.57	-27.43	74	43.09	39.28	22.29	58.09	-	-	P	H
		15540	45.87	-28.13	74	39.5	40.27	23.33	57.23	-	-	P	H
		17912	51.18	-22.82	74	39.74	41.9	25.57	56.03	-	-	P	H
		17912	41.7	-12.3	54	30.26	41.9	25.57	56.03	-	-	A	H
													H
													H
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													H
													H
													H
		10360	43.73	-24.47	68.2	46.9	37.57	18.57	59.31	-	-	P	V
		13369	47.15	-26.85	74	45.21	38.94	21.22	58.22	-	-	P	V
		14499	47.54	-26.46	74	44.02	39.3	22.31	58.09	-	-	P	V
		15540	45.99	-28.01	74	39.62	40.27	23.33	57.23	-	-	P	V
		17714	51.41	-22.59	74	40.35	41.82	25.39	56.15	-	-	P	V
		17714	41.1	-12.9	54	30.04	41.82	25.39	56.15	-	-	A	V
													V
													V
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													V
													V



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 44 5220MHz		10440	48.66	-19.54	68.2	51.57	37.66	18.64	59.21	-	-	P	H
		13347	47.83	-26.17	74	45.5	39.35	21.2	58.22	-	-	P	H
		14491	48.06	-25.94	74	44.18	39.67	22.3	58.09	-	-	P	H
		14491	37.68	-16.32	54	33.8	39.67	22.3	58.09	-	-	A	H
		15660	47.2	-26.8	74	39.71	41.16	23.45	57.12	-	-	P	H
		17725	51.94	-22.06	74	40.74	41.95	25.4	56.15	-	-	P	H
		17725	41.63	-12.37	54	30.43	41.95	25.4	56.15	-	-	A	H
													H
													H
													H
													H
													H
		10440	46.63	-21.57	68.2	49.54	37.66	18.64	59.21	-	-	P	V
		13391	48.03	-25.97	74	45.71	39.31	21.24	58.23	-	-	P	V
		13391	36.42	-17.58	54	34.1	39.31	21.24	58.23	-	-	A	V
		14480	48.15	-25.85	74	44.31	39.64	22.29	58.09	-	-	P	V
		14480	37.04	-16.96	54	33.2	39.64	22.29	58.09	-	-	A	V
		15660	47.72	-26.28	74	40.23	41.16	23.45	57.12	-	-	P	V
		17846	52.61	-21.39	74	41.33	41.85	25.5	56.07	-	-	P	V
		17846	41.88	-12.12	54	30.6	41.85	25.5	56.07	-	-	A	V
													V
													V
													V
													V



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 48 5240MHz		10480	48.82	-19.38	68.2	51.69	37.62	18.67	59.16	-	-	P	H
		13369	47.81	-26.19	74	45.48	39.33	21.22	58.22	-	-	P	H
		14480	48.03	-25.97	74	44.19	39.64	22.29	58.09	-	-	P	H
		14480	37.55	-16.45	54	33.71	39.64	22.29	58.09	-	-	A	H
		15720	51.02	-22.98	74	43.29	41.3	23.5	57.07	-	-	P	H
		15720	39.45	-14.55	54	31.72	41.3	23.5	57.07	-	-	A	H
		17714	51.91	-22.09	74	40.7	41.97	25.39	56.15	-	-	P	H
		17714	41.75	-12.25	54	30.54	41.97	25.39	56.15	-	-	A	H
													H
													H
													H
													H
		10480	47.04	-21.16	68.2	49.91	37.62	18.67	59.16	-	-	P	V
		13347	48.26	-25.74	74	45.93	39.35	21.2	58.22	-	-	P	V
		13347	36.54	-17.46	54	34.21	39.35	21.2	58.22	-	-	A	V
		14491	48.66	-25.34	74	44.78	39.67	22.3	58.09	-	-	P	V
		14491	37.38	-16.62	54	33.5	39.67	22.3	58.09	-	-	A	V
		15720	49.66	-24.34	74	41.93	41.3	23.5	57.07	-	-	P	V
		15720	38.53	-15.47	54	30.8	41.3	23.5	57.07	-	-	A	V
		17879	52.39	-21.61	74	41.03	41.88	25.53	56.05	-	-	P	V
		17879	41.89	-12.11	54	30.53	41.88	25.53	56.05	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												


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

WIFI Ant. 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		5148.72	59.6	-14.4	74	48.69	34.4	11.79	35.28	232	316	P	H
		5147.42	45.95	-8.05	54	34.08	34.4	12.75	35.28	232	316	A	H
	*	5180	113.13	-	-	102.05	34.52	11.83	35.27	232	316	P	H
	*	5180	102.96	-	-	91.88	34.52	11.83	35.27	232	316	A	H
													H
													H
		5147.42	60.8	-13.2	74	49.89	34.4	11.79	35.28	203	350	P	V
		5149.24	48.18	-5.82	54	36.31	34.4	12.75	35.28	203	350	A	V
	*	5180	110.48	-	-	99.4	34.52	11.83	35.27	203	350	P	V
	*	5180	101.78	-	-	90.7	34.52	11.83	35.27	203	350	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 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		5148.2	63.15	-10.85	74	52.44	34.2	11.79	35.28	202	308	P	H
		5148.98	52.18	-1.82	54	40.82	34.2	12.44	35.28	202	308	A	H
	*	5190	102.63	-	-	91.79	34.27	11.84	35.27	202	308	P	H
	*	5190	92.74	-	-	81.9	34.27	11.84	35.27	202	308	A	H
		5392.24	49.29	-24.71	74	37.96	34.53	11.97	35.17	202	308	P	H
		5355.28	40.19	-13.81	54	28.38	34.4	12.59	35.18	202	308	A	H
		5148.46	59.36	-14.64	74	48.65	34.2	11.79	35.28	-	-	P	V
		5149.76	50.99	-3.01	54	39.63	34.2	12.44	35.28	-	-	A	V
	*	5190	102.49	-	-	91.65	34.27	11.84	35.27	-	-	P	V
	*	5190	91.55	-	-	80.71	34.27	11.84	35.27	-	-	A	V
		5434.52	48.69	-25.31	74	37.21	34.6	12.02	35.14	-	-	P	V
		5370.4	40.33	-13.67	54	28.44	34.47	12.6	35.18	-	-	A	V
802.11ax HE40 Full CH 46 5230MHz		5147.94	62.59	-11.41	74	51.88	34.2	11.79	35.28	213	307	P	H
		5148.98	51.27	-2.73	54	39.91	34.2	12.44	35.28	213	307	A	H
	*	5230	107.09	-	-	96.16	34.3	11.87	35.24	213	307	P	H
	*	5230	99.33	-	-	88.4	34.3	11.87	35.24	213	307	A	H
		5364.8	53.41	-20.59	74	42.17	34.47	11.95	35.18	213	307	P	H
		5350.24	43.99	-10.01	54	32.18	34.4	12.59	35.18	213	307	A	H
		5145.86	57.57	-16.43	74	46.86	34.2	11.79	35.28	200	355	P	V
		5149.5	48.42	-5.58	54	37.06	34.2	12.44	35.28	200	355	A	V
	*	5230	106.7	-	-	95.77	34.3	11.87	35.24	200	355	P	V
	*	5230	97.83	-	-	86.9	34.3	11.87	35.24	200	355	A	V
		5362.56	51.01	-22.99	74	39.77	34.47	11.95	35.18	200	355	P	V
		5364.24	42.44	-11.56	54	30.55	34.47	12.6	35.18	200	355	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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	43.27	-24.93	68.2	46.38	37.58	18.59	59.28	-	-	P	H
		13347	48.31	-25.69	74	46.31	39.02	21.2	58.22	-	-	P	H
		13347	37.45	-16.55	54	35.45	39.02	21.2	58.22	-	-	A	H
		14491	47.57	-26.43	74	44.06	39.3	22.3	58.09	-	-	P	H
		15570	46.85	-27.15	74	40.46	40.23	23.36	57.2	-	-	P	H
		17923	51.91	-22.09	74	40.46	41.9	25.58	56.03	-	-	P	H
		17923	42.08	-11.92	54	30.63	41.9	25.58	56.03	-	-	A	H
													H
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													H
													H
													H
		10380	44.46	-23.74	68.2	47.57	37.58	18.59	59.28	-	-	P	V
		13347	47.9	-26.1	74	45.9	39.02	21.2	58.22	-	-	P	V
		14499	48.17	-25.83	74	44.65	39.3	22.31	58.09	-	-	P	V
		14499	39.41	-14.59	54	35.89	39.3	22.31	58.09	-	-	A	V
		15570	46.79	-27.21	74	40.4	40.23	23.36	57.2	-	-	P	V
		17769	52.02	-21.98	74	40.83	41.87	25.44	56.12	-	-	P	V
		17769	41.74	-12.26	54	30.55	41.87	25.44	56.12	-	-	A	V
													V
													V
													V
													V
													V

[illegible]



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		5144.56	61.95	-12.05	74	51.04	34.4	11.79	35.28	229	312	P	H
		5148.98	49.44	-4.56	54	37.54	34.4	12.78	35.28	229	312	A	H
	*	5190	109.51	-	-	98.38	34.56	11.84	35.27	229	312	P	H
	*	5190	102.66	-	-	91.53	34.56	11.84	35.27	229	312	A	H
		5381.04	50.15	-23.85	74	38.71	34.65	11.96	35.17	229	312	P	H
		5361.44	41.76	-12.24	54	29.51	34.49	12.94	35.18	229	312	A	H
		5149.76	60.12	-13.88	74	49.21	34.4	11.79	35.28	227	359	P	V
		5147.68	48.91	-5.09	54	37.01	34.4	12.78	35.28	227	359	A	V
	*	5190	107.62	-	-	96.49	34.56	11.84	35.27	227	359	P	V
	*	5190	100.93	-	-	89.8	34.56	11.84	35.27	227	359	A	V
		5387.48	50.46	-23.54	74	38.97	34.7	11.96	35.17	227	359	P	V
		5372.64	41.21	-12.79	54	28.87	34.58	12.94	35.18	227	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 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		5133.38	60.5	-13.5	74	49.82	34.2	11.77	35.29	217	318	P	H
		5150	52.43	-1.57	54	40.68	34.2	12.83	35.28	217	318	A	H
	*	5210	100.04	-	-	89.13	34.3	11.86	35.25	217	318	P	H
	*	5210	92.46	-	-	81.55	34.3	11.86	35.25	217	318	A	H
		5376	50.53	-23.47	74	39.27	34.47	11.96	35.17	217	318	P	H
		5356.12	41.78	-12.22	54	29.58	34.4	12.98	35.18	217	318	A	H
		5145.34	60.18	-13.82	74	49.47	34.2	11.79	35.28	209	359	P	V
		5146.9	51.24	-2.76	54	39.49	34.2	12.83	35.28	209	359	A	V
	*	5210	99.19	-	-	88.28	34.3	11.86	35.25	209	359	P	V
	*	5210	92.96	-	-	82.05	34.3	11.86	35.25	209	359	A	V
		5354.44	49.9	-24.1	74	38.74	34.4	11.94	35.18	209	359	P	V
		5367.32	41.11	-12.89	54	28.83	34.47	12.99	35.18	209	359	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		(MHz)	(dBμV/m)	Limit (dB)	Line (dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ax HE80 Full CH 42 5210MHz		10420	44.19	-24.01	68.2	47.21	37.6	18.62	59.24	-	-	P	H
		13369	47.2	-26.8	74	45.26	38.94	21.22	58.22	-	-	P	H
		14491	47.35	-26.65	74	43.84	39.3	22.3	58.09	-	-	P	H
		15630	45.93	-28.07	74	39.33	40.33	23.42	57.15	-	-	P	H
		17725	51.69	-22.31	74	40.61	41.83	25.4	56.15	-	-	P	H
		17725	41.97	-12.03	54	30.89	41.83	25.4	56.15	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		10420	44.52	-23.68	68.2	47.54	37.6	18.62	59.24	-	-	P	V
		13380	48.46	-25.54	74	46.52	38.94	21.23	58.23	-	-	P	V
		13380	39.06	-14.94	54	37.12	38.94	21.23	58.23	-	-	A	V
		14491	46.96	-27.04	74	43.45	39.3	22.3	58.09	-	-	P	V
		15630	46.49	-27.51	74	39.89	40.33	23.42	57.15	-	-	P	V
		17758	52.3	-21.7	74	41.13	41.87	25.43	56.13	-	-	P	V
		17758	41.49	-12.51	54	30.32	41.87	25.43	56.13	-	-	A	V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (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 484/65 CH 42 5210MHz		5150	60.54	-13.46	74	49.63	34.4	11.79	35.28	224	316	P	H
		5150	52.33	-1.67	54	40.4	34.4	12.81	35.28	224	316	A	H
	*	5210	104.03	-	-	92.84	34.58	11.86	35.25	224	316	P	H
	*	5210	97.06	-	-	85.87	34.58	11.86	35.25	224	316	A	H
		5381.6	50.98	-23.02	74	39.54	34.65	11.96	35.17	224	316	P	H
		5377.4	41.92	-12.08	54	29.49	34.62	12.98	35.17	224	316	A	H
		5150	63.02	-10.98	74	52.11	34.4	11.79	35.28	176	359	P	V
		5149.5	52.22	-1.78	54	40.29	34.4	12.81	35.28	176	359	A	V
	*	5210	102.64	-	-	91.45	34.58	11.86	35.25	176	359	P	V
	*	5210	95.9	-	-	84.71	34.58	11.86	35.25	176	359	A	V
		5409.88	51.42	-22.58	74	39.81	34.78	11.99	35.16	176	359	P	V
		5403.16	41.54	-12.46	54	28.92	34.79	12.99	35.16	176	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 802.11ax HE20 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 HE20 Full CH 52 5260MHz		5145.25	51.76	-22.24	74	40.85	34.4	11.79	35.28	185	321	P	H
		5147.7	43.19	-10.81	54	31.91	34.4	12.16	35.28	185	321	A	H
	*	5260	114.06	-	-	102.88	34.52	11.89	35.23	185	321	P	H
	*	5260	106.32	-	-	95.14	34.52	11.89	35.23	185	321	A	H
		5351.28	52.21	-21.79	74	41.04	34.41	11.94	35.18	185	321	P	H
		5354.64	43.21	-10.79	54	31.64	34.44	12.31	35.18	185	321	A	H
		5141.75	52.66	-21.34	74	41.77	34.4	11.78	35.29	158	357	P	V
		5149.45	42.94	-11.06	54	31.66	34.4	12.16	35.28	158	357	A	V
	*	5260	112.62	-	-	101.44	34.52	11.89	35.23	158	357	P	V
	*	5260	104.61	-	-	93.43	34.52	11.89	35.23	158	357	A	V
		5376.48	50.2	-23.8	74	38.8	34.61	11.96	35.17	158	357	P	V
		5350.08	42.25	-11.75	54	30.72	34.4	12.31	35.18	158	357	A	V
802.11ax HE20 Full CH 60 5300MHz		5150	49.66	-24.34	74	38.75	34.4	11.79	35.28	209	317	P	H
		5141.05	41.66	-12.34	54	30.4	34.4	12.15	35.29	209	317	A	H
	*	5300	115.49	-	-	104.18	34.6	11.91	35.2	209	317	P	H
	*	5300	106.5	-	-	95.19	34.6	11.91	35.2	209	317	A	H
		5350.32	60.1	-13.9	74	48.94	34.4	11.94	35.18	209	317	P	H
		5350.08	51.93	-2.07	54	40.4	34.4	12.31	35.18	209	317	A	H
		5031.15	50.79	-23.21	74	40.23	34.24	11.66	35.34	100	354	P	V
		5147	41.49	-12.51	54	30.21	34.4	12.16	35.28	100	354	A	V
	*	5300	112.57	-	-	101.26	34.6	11.91	35.2	100	354	P	V
	*	5300	105.1	-	-	93.79	34.6	11.91	35.2	100	354	A	V
		5351.28	58.55	-15.45	74	47.38	34.41	11.94	35.18	100	354	P	V
		5352	48.17	-5.83	54	36.62	34.42	12.31	35.18	100	354	A	V



802.11ax HE20 Full CH 64 5320MHz	*	5320	111.45	-	-	100.26	34.47	11.92	35.2	212	321	P	H
	*	5320	103.48	-	-	92.29	34.47	11.92	35.2	212	321	A	H
		5350.88	64.68	-9.32	74	53.52	34.4	11.94	35.18	212	321	P	H
		5350.56	50.64	-3.36	54	39.11	34.4	12.31	35.18	212	321	A	H
													H
													H
	*	5320	110.38	-	-	99.19	34.47	11.92	35.2	135	359	P	V
	*	5320	102.28	-	-	91.09	34.47	11.92	35.2	135	359	A	V
		5351.2	63.68	-10.32	74	52.52	34.4	11.94	35.18	135	359	P	V
		5350.08	50.25	-3.75	54	38.72	34.4	12.31	35.18	135	359	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 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	48.49	-19.71	68.2	51.26	37.64	18.71	59.12	-	-	P	H
		13336	48.3	-25.7	74	45.96	39.36	21.19	58.21	-	-	P	H
		13336	36.49	-17.51	54	34.15	39.36	21.19	58.21	-	-	A	H
		14480	48.24	-25.76	74	44.4	39.64	22.29	58.09	-	-	P	H
		14480	37.47	-16.53	54	33.63	39.64	22.29	58.09	-	-	A	H
		15780	48.95	-25.05	74	40.81	41.6	23.56	57.02	-	-	P	H
		15780	38.47	-15.53	54	30.33	41.6	23.56	57.02	-	-	A	H
		17879	52.45	-21.55	74	41.09	41.88	25.53	56.05	-	-	P	H
		17879	42.16	-11.84	54	30.8	41.88	25.53	56.05	-	-	A	H
													H
													H
													H
		10520	46.29	-21.91	68.2	49.06	37.64	18.71	59.12	-	-	P	V
		13358	48.11	-25.89	74	45.78	39.34	21.21	58.22	-	-	P	V
		13358	36.84	-17.16	54	34.51	39.34	21.21	58.22	-	-	A	V
		14499	48.21	-25.79	74	44.29	39.7	22.31	58.09	-	-	P	V
		14499	37.62	-16.38	54	33.7	39.7	22.31	58.09	-	-	A	V
		15780	48.27	-25.73	74	40.13	41.6	23.56	57.02	-	-	P	V
		15780	38.25	-15.75	54	30.11	41.6	23.56	57.02	-	-	A	V
		17780	51.59	-22.41	74	40.41	41.84	25.45	56.11	-	-	P	V
		17780	41.57	-12.43	54	30.39	41.84	25.45	56.11	-	-	A	V
													V
													V
													V



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 60 5300MHz		10600	49.67	-24.33	74	52.12	37.8	18.77	59.02	267	278	P	H
		10600	40.69	-13.31	54	43.14	37.8	18.77	59.02	267	278	A	H
		13336	48.53	-25.47	74	46.19	39.36	21.19	58.21	-	-	P	H
		13336	38.79	-15.21	54	36.45	39.36	21.19	58.21	-	-	A	H
		14491	47.29	-26.71	74	43.41	39.67	22.3	58.09	-	-	P	H
		15900	49.23	-24.77	74	40.47	42	23.68	56.92	-	-	P	H
		15900	40.56	-13.44	54	31.8	42	23.68	56.92	-	-	A	H
		17747	52.3	-21.7	74	41.1	41.91	25.42	56.13	-	-	P	H
		17747	42.79	-11.21	54	31.59	41.91	25.42	56.13	-	-	A	H
													H
													H
													H
		10600	46.52	-27.48	74	48.97	37.8	18.77	59.02	-	-	P	V
		13358	48.91	-25.09	74	46.58	39.34	21.21	58.22	-	-	P	V
		13358	38.54	-15.46	54	36.21	39.34	21.21	58.22	-	-	A	V
		14491	48.06	-25.94	74	44.18	39.67	22.3	58.09	-	-	P	V
		14491	38.38	-15.62	54	34.5	39.67	22.3	58.09	-	-	A	V
		15900	49.69	-24.31	74	40.93	42	23.68	56.92	-	-	P	V
		15900	40.45	-13.55	54	31.69	42	23.68	56.92	-	-	A	V
		17824	52.1	-21.9	74	40.89	41.82	25.48	56.09	-	-	P	V
		17824	42.52	-11.48	54	31.31	41.82	25.48	56.09	-	-	A	V
		10600	46.52	-27.48	74	48.97	37.8	18.77	59.02			P	V
													V
													V

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2				(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 64 5320MHz		10640	47.34	-26.66	74	49.89	37.63	18.8	58.98	-	-	P	H
		13369	47.21	-26.79	74	45.27	38.94	21.22	58.22	-	-	P	H
		14491	48.36	-25.64	74	44.85	39.3	22.3	58.09	-	-	P	H
		14491	39.29	-14.71	54	35.78	39.3	22.3	58.09	-	-	A	H
		15960	46.58	-27.42	74	38.76	40.93	23.75	56.86	-	-	P	H
		17780	51.5	-22.5	74	40.28	41.88	25.45	56.11	-	-	P	H
		17780	42.24	-11.76	54	31.02	41.88	25.45	56.11	-	-	A	H
													H
													H
													H
													H
													H
													H
		10640	46.32	-27.68	74	48.87	37.63	18.8	58.98	-	-	P	V
		13369	47.99	-26.01	74	46.05	38.94	21.22	58.22	-	-	P	V
		14491	46.96	-27.04	74	43.45	39.3	22.3	58.09	-	-	P	V
		15960	46.28	-27.72	74	38.46	40.93	23.75	56.86	-	-	P	V
		17923	51.55	-22.45	74	40.1	41.9	25.58	56.03	-	-	P	V
		17923	42.14	-11.86	54	30.69	41.9	25.58	56.03	-	-	A	V
													V
												V	
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 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	112.84	-	-	101.6	34.52	11.92	35.2	219	316	P	H
	*	5320	102.94	-	-	91.7	34.52	11.92	35.2	219	316	A	H
		5351.52	61.21	-12.79	74	50.04	34.41	11.94	35.18	219	316	P	H
		5350.08	46.41	-7.59	54	34.29	34.4	12.9	35.18	219	316	A	H
													H
													H
	*	5320	111.37	-	-	100.13	34.52	11.92	35.2	205	0	P	V
	*	5320	101.07	-	-	89.83	34.52	11.92	35.2	205	0	A	V
		5354.88	62	-12	74	50.8	34.44	11.94	35.18	205	0	P	V
		5350.72	46.96	-7.04	54	34.83	34.41	12.9	35.18	205	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 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		5148.75	59.53	-14.47	74	48.82	34.2	11.79	35.28	208	316	P	H
		5149.8	49.75	-4.25	54	38.39	34.2	12.44	35.28	208	316	A	H
	*	5270	110.74	-	-	99.71	34.37	11.89	35.23	208	316	P	H
	*	5270	102.77	-	-	91.74	34.37	11.89	35.23	208	316	A	H
		5352.48	58.89	-15.11	74	47.73	34.4	11.94	35.18	208	316	P	H
		5350.08	48.07	-5.93	54	36.26	34.4	12.59	35.18	208	316	A	H
		5148.05	59.84	-14.16	74	49.13	34.2	11.79	35.28	100	359	P	V
		5150	49.68	-4.32	54	38.32	34.2	12.44	35.28	100	359	A	V
	*	5270	106.91	-	-	95.88	34.37	11.89	35.23	100	359	P	V
	*	5270	99.5	-	-	88.47	34.37	11.89	35.23	100	359	A	V
		5350.32	61.6	-12.4	74	50.44	34.4	11.94	35.18	100	359	P	V
		5351.76	50.01	-3.99	54	38.2	34.4	12.59	35.18	100	359	A	V
802.11ax HE40 Full CH 62 5310MHz		5095.9	50.09	-23.91	74	39.46	34.2	11.73	35.3	200	312	P	H
		5135.45	40.41	-13.59	54	29.72	34.2	11.78	35.29	200	312	A	H
	*	5302	99.86	-	-	88.65	34.5	11.91	35.2	200	312	P	H
		5353.2	59.26	-14.74	74	48.1	34.4	11.94	35.18	200	312	P	H
		5351.52	50.47	-3.53	54	39.31	34.4	11.94	35.18	200	312	A	H
													H
		5140	49.67	-24.33	74	38.98	34.2	11.78	35.29	244	0	P	V
		5099.4	40.38	-13.62	54	29.75	34.2	11.73	35.3	244	0	A	V
	*	5302	100.27	-	-	89.06	34.5	11.91	35.2	244	0	P	V
		5352.96	60.22	-13.78	74	49.06	34.4	11.94	35.18	244	0	P	V
		5351.28	48.8	-5.2	54	37.64	34.4	11.94	35.18	244	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 (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	46.55	-21.65	68.2	49.24	37.68	18.72	59.09	-	-	P	H
		13369	49.81	-24.19	74	47.48	39.33	21.22	58.22	-	-	P	H
		13369	39.23	-14.77	54	36.9	39.33	21.22	58.22	-	-	A	H
		14480	48.08	-25.92	74	44.24	39.64	22.29	58.09	-	-	P	H
		14480	37.86	-16.14	54	34.02	39.64	22.29	58.09	-	-	A	H
		15810	47.92	-26.08	74	39.59	41.73	23.59	56.99	-	-	P	H
		17725	52.51	-21.49	74	41.31	41.95	25.4	56.15	-	-	P	H
		17725	41.78	-12.22	54	30.58	41.95	25.4	56.15	-	-	A	H
													H
													H
													H
													H
		10540	46.53	-21.67	68.2	49.22	37.68	18.72	59.09	-	-	P	V
		13347	48.15	-25.85	74	45.82	39.35	21.2	58.22	-	-	P	V
		13347	36.77	-17.23	54	34.44	39.35	21.2	58.22	-	-	A	V
		14499	48.82	-25.18	74	44.9	39.7	22.31	58.09	-	-	P	V
		14499	37.72	-16.28	54	33.8	39.7	22.31	58.09	-	-	A	V
		15810	47.96	-26.04	74	39.63	41.73	23.59	56.99	-	-	P	V
		17879	52.23	-21.77	74	40.87	41.88	25.53	56.05	-	-	P	V
		17879	41.71	-12.29	54	30.35	41.88	25.53	56.05	-	-	A	V
													V
													V
													V
													V

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 62 5310MHz		10620	44.93	-29.07	74	47.52	37.62	18.79	59	-	-	P	H
		13281	47.73	-26.27	74	45.72	39.07	21.14	58.2	-	-	P	H
		14491	47.47	-26.53	74	43.96	39.3	22.3	58.09	-	-	P	H
		15930	48.77	-25.23	74	41.07	40.87	23.72	56.89	-	-	P	H
		15930	38.7	-15.3	54	31	40.87	23.72	56.89	-	-	A	H
		17725	51.54	-22.46	74	40.46	41.83	25.4	56.15	-	-	P	H
		17725	41.31	-12.69	54	30.23	41.83	25.4	56.15	-	-	A	H
													H
													H
													H
													H
													H
		10620	44.28	-29.72	74	46.87	37.62	18.79	59	-	-	P	V
		13380	47.62	-26.38	74	45.68	38.94	21.23	58.23	-	-	P	V
		14491	47	-27	74	43.49	39.3	22.3	58.09	-	-	P	V
		15930	48.29	-25.71	74	40.59	40.87	23.72	56.89	-	-	P	V
		15930	38.57	-15.43	54	30.87	40.87	23.72	56.89	-	-	A	V
		17934	52.15	-21.85	74	40.68	41.9	25.59	56.02	-	-	P	V
		17934	42.05	-11.95	54	30.58	41.9	25.59	56.02	-	-	A	V
													V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 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		5136.85	50.97	-23.03	74	40.08	34.4	11.78	35.29	241	318	P	H
		5127.4	42.48	-11.52	54	30.61	34.4	12.76	35.29	241	318	A	H
	*	5310	109.76	-	-	98.48	34.56	11.92	35.2	241	318	P	H
	*	5310	101.31	-	-	90.03	34.56	11.92	35.2	241	318	A	H
		5352.96	59.96	-14.04	74	48.78	34.42	11.94	35.18	241	318	P	H
		5350.56	46.12	-7.88	54	33.97	34.4	12.93	35.18	241	318	A	H
		5146.3	51.34	-22.66	74	40.43	34.4	11.79	35.28	206	355	P	V
		5133.7	42.33	-11.67	54	30.46	34.4	12.76	35.29	206	355	A	V
	*	5310	107.1	-	-	95.82	34.56	11.92	35.2	206	355	P	V
	*	5310	101.21	-	-	89.93	34.56	11.92	35.2	206	355	A	V
		5352.24	56.53	-17.47	74	45.35	34.42	11.94	35.18	206	355	P	V
		5351.52	44.58	-9.42	54	32.42	34.41	12.93	35.18	206	355	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 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		5103.25	50.91	-23.09	74	40.27	34.2	11.74	35.3	210	326	P	H
		5130.9	42.46	-11.54	54	30.74	34.2	12.81	35.29	210	326	A	H
	*	5290	100.16	-	-	89.05	34.43	11.9	35.22	210	326	P	H
	*	5290	93.34	-	-	82.23	34.43	11.9	35.22	210	326	A	H
		5350.8	62.81	-11.19	74	51.65	34.4	11.94	35.18	210	326	P	H
		5351.04	52.42	-1.58	54	40.22	34.4	12.98	35.18	210	326	A	H
		5147.35	51.94	-22.06	74	41.23	34.2	11.79	35.28	151	359	P	V
		5103.95	42.27	-11.73	54	30.59	34.2	12.78	35.3	151	359	A	V
	*	5290	98.17	-	-	87.06	34.43	11.9	35.22	151	359	P	V
	*	5290	92.69	-	-	81.58	34.43	11.9	35.22	151	359	A	V
		5353.2	60.48	-13.52	74	49.32	34.4	11.94	35.18	151	359	P	V
		5350.56	50.97	-3.03	54	38.77	34.4	12.98	35.18	151	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 802.11ax 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	44.24	-23.96	68.2	46.93	37.6	18.76	59.05	-	-	P	H
		13380	47.96	-26.04	74	46.02	38.94	21.23	58.23	-	-	P	H
		14480	47.18	-26.82	74	43.7	39.28	22.29	58.09	-	-	P	H
		15870	47.64	-26.36	74	40.14	40.78	23.66	56.94	-	-	P	H
		17747	52.07	-21.93	74	40.93	41.85	25.42	56.13	-	-	P	H
		17747	41.94	-12.06	54	30.8	41.85	25.42	56.13	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		10580	43.14	-25.06	68.2	45.83	37.6	18.76	59.05	-	-	P	V
		13358	47.92	-26.08	74	45.95	38.98	21.21	58.22	-	-	P	V
		14499	48.3	-25.7	74	44.78	39.3	22.31	58.09	-	-	P	V
		14499	38.02	-15.98	54	34.5	39.3	22.31	58.09	-	-	A	V
		15870	47.61	-26.39	74	40.11	40.78	23.66	56.94	-	-	P	V
		17813	51.86	-22.14	74	40.58	41.9	25.47	56.09	-	-	P	V
		17813	41.72	-12.28	54	30.44	41.9	25.47	56.09	-	-	A	V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (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 484/66 CH 58 5290MHz		5138.25	54.81	-19.19	74	43.92	34.4	11.78	35.29	212	318	P	H
		5104.65	43.37	-10.63	54	31.51	34.4	12.76	35.3	212	318	A	H
	*	5290	104.92	-	-	93.66	34.58	11.9	35.22	212	318	P	H
	*	5290	96.87	-	-	85.61	34.58	11.9	35.22	212	318	A	H
		5350.56	61.52	-12.48	74	50.36	34.4	11.94	35.18	212	318	P	H
		5350.56	52.07	-1.93	54	39.89	34.4	12.96	35.18	212	318	A	H
		5149.1	51.74	-22.26	74	40.83	34.4	11.79	35.28	144	359	P	V
		5120.75	43.26	-10.74	54	31.37	34.4	12.78	35.29	144	359	A	V
	*	5290	102.38	-	-	91.12	34.58	11.9	35.22	144	359	P	V
	*	5290	96.01	-	-	84.75	34.58	11.9	35.22	144	359	A	V
		5353.68	62.81	-11.19	74	51.62	34.43	11.94	35.18	144	359	P	V
		5350.08	50.83	-3.17	54	38.65	34.4	12.96	35.18	144	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 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 HE20 Full CH 100 5500MHz		5457.68	56.95	-17.05	74	45.42	34.6	12.06	35.13	212	334	P	H
		5466.48	65.59	-2.61	68.2	53.98	34.67	12.07	35.13	212	334	P	H
		5459.12	48.66	-5.34	54	36.76	34.6	12.43	35.13	212	334	A	H
	*	5500	110.36	-	-	98.56	34.8	12.12	35.12	212	334	P	H
	*	5500	102.11	-	-	90.31	34.8	12.12	35.12	212	334	A	H
		5457.52	60.91	-13.09	74	49.38	34.6	12.06	35.13	116	0	P	V
		5467.12	65.75	-2.45	68.2	54.14	34.67	12.07	35.13	116	0	P	V
		5460	48.42	-5.58	54	36.52	34.6	12.43	35.13	116	0	A	V
	*	5500	108.5	-	-	96.7	34.8	12.12	35.12	116	0	P	V
	*	5500	100.31	-	-	88.51	34.8	12.12	35.12	116	0	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5437.6	49.55	-24.45	74	38.06	34.6	12.03	35.14	215	338	P	H
		5467.84	51.55	-16.65	68.2	39.93	34.67	12.08	35.13	215	338	P	H
		5459.2	41.07	-12.93	54	29.17	34.6	12.43	35.13	215	338	A	H
	*	5580	112.05	-	-	100.21	34.73	12.25	35.14	215	338	P	H
	*	5580	103.83	-	-	91.99	34.73	12.25	35.14	215	338	A	H
		5726.255	51.01	-17.19	68.2	39.06	34.7	12.41	35.16	215	338	P	H
		5451.04	49.24	-24.76	74	37.72	34.6	12.05	35.13	200	0	P	V
		5461.6	50.21	-17.99	68.2	38.67	34.6	12.07	35.13	200	0	P	V
		5458.48	40.67	-13.33	54	28.77	34.6	12.43	35.13	200	0	A	V
	*	5580	109.32	-	-	97.48	34.73	12.25	35.14	200	0	P	V
	*	5580	101.43	-	-	89.59	34.73	12.25	35.14	200	0	A	V
		5759.96	52.99	-15.21	68.2	40.99	34.73	12.44	35.17	200	0	P	V



802.11ax HE20 Full CH 140 5700MHz	*	5700	109.74	-	-	97.82	34.7	12.38	35.16	222	344	P	H
	*	5700	101.04	-	-	89.12	34.7	12.38	35.16	222	344	A	H
		5725.24	65.65	-2.55	68.2	53.7	34.7	12.41	35.16	222	344	P	H
													H
													H
													H
	*	5700	107.63	-	-	95.71	34.7	12.38	35.16	100	304	P	V
	*	5700	99.15	-	-	87.23	34.7	12.38	35.16	100	304	A	V
		5725.48	65.79	-2.41	68.2	53.84	34.7	12.41	35.16	100	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 (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	46.34	-27.66	74	47.9	37.9	19.1	58.56	-	-	P	H
		13347	48.14	-25.86	74	45.81	39.35	21.2	58.22	-	-	P	H
		13347	37.16	-16.84	54	34.83	39.35	21.2	58.22	-	-	A	H
		14491	47.99	-26.01	74	44.11	39.67	22.3	58.09	-	-	P	H
		16500	50.67	-17.53	68.2	40.36	42.7	24.25	56.64	-	-	P	H
		17846	52.12	-21.88	74	40.84	41.85	25.5	56.07	-	-	P	H
		17846	41.93	-12.07	54	30.65	41.85	25.5	56.07	-	-	A	H
													H
													H
													H
													H
													H
		11000	45.07	-28.93	74	46.63	37.9	19.1	58.56	-	-	P	V
		13358	48.39	-25.61	74	46.06	39.34	21.21	58.22	-	-	P	V
		13358	37.56	-16.44	54	35.23	39.34	21.21	58.22	-	-	A	V
		14499	48.57	-25.43	74	44.65	39.7	22.31	58.09	-	-	P	V
		14499	38.25	-15.75	54	34.33	39.7	22.31	58.09	-	-	A	V
		16500	50.56	-17.64	68.2	40.25	42.7	24.25	56.64	-	-	P	V
		17714	52.36	-21.64	74	41.15	41.97	25.39	56.15	-	-	P	V
		17714	42.05	-11.95	54	30.84	41.97	25.39	56.15	-	-	A	V
													V
													V
													V
													V



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 116 5580MHz		11160	45.48	-28.52	74	46.58	37.9	19.23	58.23	-	-	P	H
		13369	47.54	-26.46	74	45.6	38.94	21.22	58.22	-	-	P	H
		14499	48.07	-25.93	74	44.55	39.3	22.31	58.09	-	-	P	H
		14499	34.74	-19.26	54	31.22	39.3	22.31	58.09	-	-	A	H
		16740	49.28	-18.92	68.2	39.34	42.14	24.47	56.67	-	-	P	H
		17725	51.99	-22.01	74	40.91	41.83	25.4	56.15	-	-	P	H
		17725	41.2	-12.8	54	30.12	41.83	25.4	56.15	-	-	A	H
													H
													H
													H
													H
													H
		11160	44.97	-29.03	74	46.07	37.9	19.23	58.23	-	-	P	V
		13314	47.64	-26.36	74	45.58	39.1	21.17	58.21	-	-	P	V
		14480	47.05	-26.95	74	43.57	39.28	22.29	58.09	-	-	P	V
		16740	48.18	-20.02	68.2	38.24	42.14	24.47	56.67	-	-	P	V
		17813	51.9	-22.1	74	40.62	41.9	25.47	56.09	-	-	P	V
		17813	42.81	-11.19	54	31.53	41.9	25.47	56.09	-	-	A	V
													V
													V
													V
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													V
													V



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 140 5700MHz		11400	45.73	-28.27	74	45.83	38.2	19.43	57.73	-	-	P	H
		13347	48.5	-25.5	74	46.17	39.35	21.2	58.22	-	-	P	H
		13347	38.49	-15.51	54	36.16	39.35	21.2	58.22	-	-	A	H
		14499	48.12	-25.88	74	44.2	39.7	22.31	58.09	-	-	P	H
		14499	38.18	-15.82	54	34.26	39.7	22.31	58.09	-	-	A	H
		17100	50.39	-17.81	68.2	39.8	42.4	24.81	56.62	-	-	P	H
		17890	52.16	-21.84	74	40.78	41.89	25.54	56.05	-	-	P	H
		17890	42.04	-11.96	54	30.66	41.89	25.54	56.05	-	-	A	H
													H
													H
													H
													H
		11400	45.93	-28.07	74	46.03	38.2	19.43	57.73	-	-	P	V
		13402	48.34	-19.86	68.2	46.02	39.3	21.25	58.23	-	-	P	V
		13402	38.42	-15.58	54	36.1	39.3	21.25	58.23	-	-	A	V
		14480	48.41	-25.59	74	44.57	39.64	22.29	58.09	-	-	P	V
		14480	38.14	-15.86	54	34.3	39.64	22.29	58.09	-	-	A	V
		17100	50.61	-17.59	68.2	40.02	42.4	24.81	56.62	-	-	P	V
		17736	52.11	-21.89	74	40.91	41.93	25.41	56.14	-	-	P	V
		17736	41.95	-12.05	54	30.75	41.93	25.41	56.14	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 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		5459.76	55.9	-18.1	74	44.23	34.74	12.06	35.13	221	335	P	H
		5469.68	60.16	-8.04	68.2	48.43	34.78	12.08	35.13	221	335	P	H
		5456.56	42.71	-11.29	54	30.09	34.73	13.02	35.13	221	335	A	H
	*	5500	111.87	-	-	99.97	34.9	12.12	35.12	221	335	P	H
	*	5500	101.51	-	-	89.61	34.9	12.12	35.12	221	335	A	H
													H
		5459.44	54.77	-19.23	74	43.1	34.74	12.06	35.13	201	356	P	V
		5469.36	57.91	-10.29	68.2	46.18	34.78	12.08	35.13	201	356	P	V
		5459.76	42.51	-11.49	54	29.88	34.74	13.02	35.13	201	356	A	V
	*	5500	107.92	-	-	96.02	34.9	12.12	35.12	201	356	P	V
	*	5500	99.71	-	-	87.81	34.9	12.12	35.12	201	356	A	V
													V
802.11ax HE20 Partial 106/54 CH 140 5700MHz	*	5700	110.52	-	-	98.3	35	12.38	35.16	206	339	P	H
	*	5700	101.02	-	-	88.8	35	12.38	35.16	206	339	A	H
		5725.16	64.69	-3.51	68.2	52.44	35	12.41	35.16	206	339	P	H
													H
													H
													H
	*	5700	109.02	-	-	96.8	35	12.38	35.16	255	0	P	V
	*	5700	99.62	-	-	87.4	35	12.38	35.16	255	0	A	V
		5726.84	58.44	-9.76	68.2	46.19	35	12.41	35.16	255	0	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 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		5458.96	61.37	-12.63	74	49.84	34.6	12.06	35.13	217	330	P	H
		5466.88	65.96	-2.24	68.2	54.35	34.67	12.07	35.13	217	330	P	H
		5459.92	48.97	-5.03	54	36.79	34.6	12.71	35.13	217	330	A	H
	*	5510	102.2	-	-	90.38	34.8	12.14	35.12	217	330	P	H
	*	5510	94.74	-	-	82.92	34.8	12.14	35.12	217	330	A	H
		5741.69	50.02	-18.18	68.2	38.07	34.7	12.42	35.17	217	330	P	H
		5459.68	59.47	-14.53	74	47.94	34.6	12.06	35.13	165	0	P	V
		5467.6	65.23	-2.97	68.2	53.62	34.67	12.07	35.13	165	0	P	V
		5459.92	50.29	-3.71	54	38.11	34.6	12.71	35.13	165	0	A	V
	*	5510	101.32	-	-	89.5	34.8	12.14	35.12	165	0	P	V
	*	5510	93.6	-	-	81.78	34.8	12.14	35.12	165	0	A	V
		5732.87	50.76	-17.44	68.2	38.82	34.7	12.41	35.17	165	0	P	V
802.11ax HE40 Full CH 110 5550MHz		5459.92	57.2	-16.8	74	45.67	34.6	12.06	35.13	205	337	P	H
		5468.56	61.19	-7.01	68.2	49.57	34.67	12.08	35.13	205	337	P	H
		5459.92	47.89	-6.11	54	35.71	34.6	12.71	35.13	205	337	A	H
	*	5550	108.07	-	-	96.3	34.7	12.2	35.13	205	337	P	H
	*	5550	98.98	-	-	87.21	34.7	12.2	35.13	205	337	A	H
		5729.72	52.64	-15.56	68.2	40.69	34.7	12.41	35.16	205	337	P	H
		5456.32	57.11	-16.89	74	45.58	34.6	12.06	35.13	212	359	P	V
		5462.08	57.71	-10.49	68.2	46.17	34.6	12.07	35.13	212	359	P	V
		5459.2	46.93	-7.07	54	34.75	34.6	12.71	35.13	212	359	A	V
	*	5550	105.27	-	-	93.5	34.7	12.2	35.13	212	359	P	V
	*	5550	97.16	-	-	85.39	34.7	12.2	35.13	212	359	A	V
		5747.99	52.84	-15.36	68.2	40.88	34.7	12.43	35.17	212	359	P	V



802.11ax HE40 Full CH 134 5670MHz		5456.75	49.52	-24.48	74	37.99	34.6	12.06	35.13	212	337	P	H
		5469.35	48.98	-19.22	68.2	37.36	34.67	12.08	35.13	212	337	P	H
		5453.6	40.48	-13.52	54	28.31	34.6	12.7	35.13	212	337	A	H
	*	5670	106.07	-	-	94.27	34.6	12.35	35.15	212	337	P	H
	*	5670	98.29	-	-	86.49	34.6	12.35	35.15	212	337	A	H
		5731.05	66.57	-1.63	68.2	54.63	34.7	12.41	35.17	212	337	P	H
		5452.2	50.22	-23.78	74	38.7	34.6	12.05	35.13	202	352	P	V
		5465.15	48.15	-20.05	68.2	36.54	34.67	12.07	35.13	202	352	P	V
		5456.4	40.33	-13.67	54	28.15	34.6	12.71	35.13	202	352	A	V
	*	5670	104.5	-	-	92.7	34.6	12.35	35.15	202	352	P	V
	*	5670	95.76	-	-	83.96	34.6	12.35	35.15	202	352	A	V
		5733.5	65.1	-3.1	68.2	53.16	34.7	12.41	35.17	202	352	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	45.79	-28.21	74	47.32	37.88	19.11	58.52	-	-	P	H
		13402	48.3	-19.9	68.2	45.98	39.3	21.25	58.23	-	-	P	H
		13402	37.23	-16.77	54	34.91	39.3	21.25	58.23	-	-	A	H
		14499	47.78	-26.22	74	43.86	39.7	22.31	58.09	-	-	P	H
		16530	49.76	-18.44	68.2	39.39	42.73	24.28	56.64	-	-	P	H
		17890	52.29	-21.71	74	40.91	41.89	25.54	56.05	-	-	P	H
		17890	42.03	-11.97	54	30.65	41.89	25.54	56.05	-	-	A	H
													H
													H
													H
													H
													H
													H
		11020	46.28	-27.72	74	47.81	37.88	19.11	58.52	-	-	P	V
		13369	48.17	-25.83	74	45.84	39.33	21.22	58.22	-	-	P	V
		13369	37.02	-16.98	54	34.69	39.33	21.22	58.22	-	-	A	V
		14499	47.85	-26.15	74	43.93	39.7	22.31	58.09	-	-	P	V
		14499	37.48	-16.52	54	33.56	39.7	22.31	58.09	-	-	A	V
		16530	50.26	-17.94	68.2	39.89	42.73	24.28	56.64	-	-	P	V
		17890	52.79	-21.21	74	41.41	41.89	25.54	56.05	-	-	P	V
		17890	42.17	-11.83	54	30.79	41.89	25.54	56.05	-	-	A	V
													V
													V
													V
													V



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 110 5550MHz		11100	45.93	-28.07	74	47.3	37.8	19.18	58.35	-	-	P	H
		13347	49.55	-24.45	74	47.22	39.35	21.2	58.22	-	-	P	H
		13347	38.8	-15.2	54	36.47	39.35	21.2	58.22	-	-	A	H
		14491	48.26	-25.74	74	44.38	39.67	22.3	58.09	-	-	P	H
		14491	38.18	-15.82	54	34.3	39.67	22.3	58.09	-	-	A	H
		16650	50.43	-17.77	68.2	39.85	42.85	24.39	56.66	-	-	P	H
		17835	52.1	-21.9	74	40.86	41.83	25.49	56.08	-	-	P	H
		17835	42.18	-11.82	54	30.94	41.83	25.49	56.08	-	-	A	H
													H
													H
													H
													H
		11100	45.17	-28.83	74	46.54	37.8	19.18	58.35	-	-	P	V
		13358	48.8	-25.2	74	46.47	39.34	21.21	58.22	-	-	P	V
		13358	37.84	-16.16	54	35.51	39.34	21.21	58.22	-	-	A	V
		14480	48.47	-25.53	74	44.63	39.64	22.29	58.09	-	-	P	V
		14480	38.34	-15.66	54	34.5	39.64	22.29	58.09	-	-	A	V
		16650	50.2	-18	68.2	39.62	42.85	24.39	56.66	-	-	P	V
		17714	52.17	-21.83	74	40.96	41.97	25.39	56.15	-	-	P	V
		17714	41.96	-12.04	54	30.75	41.97	25.39	56.15	-	-	A	V
													V
													V
													V
													V



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 134 5670MHz		11340	45.61	-28.39	74	45.94	38.14	19.38	57.85	-	-	P	H
		13336	48.71	-25.29	74	46.37	39.36	21.19	58.21	-	-	P	H
		13336	36.84	-17.16	54	34.5	39.36	21.19	58.21	-	-	A	H
		14499	48.42	-25.58	74	44.5	39.7	22.31	58.09	-	-	P	H
		14499	38.8	-15.2	54	34.88	39.7	22.31	58.09	-	-	A	H
		17010	50.36	-17.84	68.2	39.94	42.4	24.72	56.7	-	-	P	H
		17736	52.88	-21.12	74	41.68	41.93	25.41	56.14	-	-	P	H
		17736	42.34	-11.66	54	31.14	41.93	25.41	56.14	-	-	A	H
													H
													H
													H
													H
		11340	45.81	-28.19	74	46.14	38.14	19.38	57.85	-	-	P	V
		13347	48.45	-25.55	74	46.12	39.35	21.2	58.22	-	-	P	V
		13347	36.88	-17.12	54	34.55	39.35	21.2	58.22	-	-	A	V
		14499	49.56	-24.44	74	45.64	39.7	22.31	58.09	-	-	P	V
		14499	38.81	-15.19	54	34.89	39.7	22.31	58.09	-	-	A	V
		17010	49.78	-18.42	68.2	39.36	42.4	24.72	56.7	-	-	P	V
		17857	52.07	-21.93	74	40.77	41.86	25.51	56.07	-	-	P	V
		17857	41.93	-12.07	54	30.63	41.86	25.51	56.07	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

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

WIFI Ant. 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		5458	54.67	-19.33	74	43.01	34.73	12.06	35.13	205	311	P	H
		5470	61.53	-6.67	68.2	49.8	34.78	12.08	35.13	205	311	P	H
		5459.44	43.45	-10.55	54	30.79	34.74	13.05	35.13	205	311	A	H
	*	5510	107.15	-	-	95.25	34.88	12.14	35.12	205	311	P	H
	*	5510	98.1	-	-	86.2	34.88	12.14	35.12	205	311	A	H
		5743.265	50.61	-17.59	68.2	38.36	35	12.42	35.17	205	311	P	H
		5409.04	49.73	-24.27	74	38.13	34.78	11.98	35.16	168	358	P	V
		5469.28	52.74	-15.46	68.2	41.01	34.78	12.08	35.13	168	358	P	V
		5455.6	41.22	-12.78	54	28.58	34.72	13.05	35.13	168	358	A	V
	*	5510	101.8	-	-	89.9	34.88	12.14	35.12	168	358	P	V
	*	5510	92.92	-	-	81.02	34.88	12.14	35.12	168	358	A	V
		5726.255	49.23	-18.97	68.2	36.98	35	12.41	35.16	168	358	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5455.7	49.35	-24.65	74	37.7	34.72	12.06	35.13	207	318	P	H
		5463.75	48.29	-19.91	68.2	36.59	34.76	12.07	35.13	207	318	P	H
		5456.4	40.78	-13.22	54	28.13	34.73	12.06	35.13	207	318	A	H
	*	5670	106.34	-	-	94.26	34.88	12.35	35.15	207	318	P	H
	*	5670	98.21	-	-	86.13	34.88	12.35	35.15	207	318	A	H
		5741.025	53.4	-14.8	68.2	41.15	35	12.42	35.17	207	318	P	H
		5410.2	49.19	-24.81	74	37.58	34.78	11.99	35.16	256	359	P	V
		5468.3	48.08	-20.12	68.2	36.36	34.77	12.08	35.13	256	359	P	V
		5458.15	40.38	-13.62	54	27.73	34.73	12.06	35.13	256	359	A	V
	*	5670	105.78	-	-	93.7	34.88	12.35	35.15	256	359	P	V
	*	5670	98.61	-	-	86.53	34.88	12.35	35.15	256	359	A	V
		5735.25	51.73	-16.47	68.2	39.48	35	12.42	35.17	256	359	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 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		5455.36	61.8	-12.2	74	50.15	34.72	12.06	35.13	200	326	P	H
		5465.68	62.84	-5.36	68.2	51.14	34.76	12.07	35.13	200	326	P	H
		5456.8	51.98	-2.02	54	39.28	34.73	13.1	35.13	200	326	A	H
	*	5530	98.74	-	-	86.86	34.84	12.17	35.13	200	326	P	H
	*	5530	92.79	-	-	80.91	34.84	12.17	35.13	200	326	A	H
		5756.81	53.42	-14.78	68.2	41.18	34.97	12.44	35.17	200	326	P	H
		5447.44	61.04	-12.96	74	49.43	34.71	12.04	35.14	100	3	P	V
		5467.84	62.9	-5.3	68.2	51.18	34.77	12.08	35.13	100	3	P	V
		5457.28	51.94	-2.06	54	40.14	34.73	12.2	35.13	100	3	A	V
	*	5530	97.93	-	-	86.05	34.84	12.17	35.13	100	3	P	V
	*	5530	92.47	-	-	80.59	34.84	12.17	35.13	100	3	A	V
		5739.8	54.68	-13.52	68.2	42.43	35	12.42	35.17	100	3	P	V
802.11ax HE80 Full CH 122 5610MHz		5457.45	60.79	-13.21	74	49.26	34.6	12.06	35.13	208	327	P	H
		5465.15	61.69	-6.51	68.2	50.08	34.67	12.07	35.13	208	327	P	H
		5455	51.28	-2.72	54	38.71	34.6	13.1	35.13	208	327	A	H
	*	5610	105.08	-	-	93.13	34.8	12.29	35.14	208	327	P	H
	*	5610	97.28	-	-	85.33	34.8	12.29	35.14	208	327	A	H
		5745.75	65.53	-2.67	68.2	53.57	34.7	12.43	35.17	208	327	P	H
		5449.75	61.3	-12.7	74	49.79	34.6	12.05	35.14	217	352	P	V
		5470	62.47	-5.73	68.2	50.85	34.67	12.08	35.13	217	352	P	V
		5457.45	51.35	-2.65	54	38.78	34.6	13.1	35.13	217	352	A	V
	*	5610	101.41	-	-	89.46	34.8	12.29	35.14	217	352	P	V
	*	5610	95.03	-	-	83.08	34.8	12.29	35.14	217	352	A	V
		5727.9	64.59	-3.61	68.2	52.64	34.7	12.41	35.16	217	352	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	45.69	-28.31	74	47.15	37.84	19.14	58.44	-	-	P	H
		13358	48.84	-25.16	74	46.51	39.34	21.21	58.22	-	-	P	H
		13358	37.08	-16.92	54	34.75	39.34	21.21	58.22	-	-	A	H
		14480	47.68	-26.32	74	43.84	39.64	22.29	58.09	-	-	P	H
		14480	38.8	-15.2	54	34.96	39.64	22.29	58.09	-	-	A	H
		16590	49.73	-18.47	68.2	39.26	42.79	24.33	56.65	-	-	P	H
		17989	52.15	-21.85	74	40.69	41.81	25.64	55.99	-	-	P	H
		17989	41.61	-12.39	54	30.15	41.81	25.64	55.99	-	-	A	H
													H
													H
													H
													H
		11060	45.75	-28.25	74	47.21	37.84	19.14	58.44	-	-	P	V
		13380	49.26	-24.74	74	46.94	39.32	21.23	58.23	-	-	P	V
		13380	37.04	-16.96	54	34.72	39.32	21.23	58.23	-	-	A	V
		14480	48.48	-25.52	74	44.64	39.64	22.29	58.09	-	-	P	V
		14480	38.89	-15.11	54	35.05	39.64	22.29	58.09	-	-	A	V
		16590	49.01	-19.19	68.2	38.54	42.79	24.33	56.65	-	-	P	V
		17945	52.11	-21.89	74	40.67	41.85	25.6	56.01	-	-	P	V
		17945	41.94	-12.06	54	30.5	41.85	25.6	56.01	-	-	A	V
													V
													V
													V
													V

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 122 5610MHz		11220	46.04	-27.96	74	46.92	37.94	19.28	58.1	-	-	P	H
		13399	48.88	-25.12	74	46.56	39.3	21.25	58.23	-	-	P	H
		13399	36.79	-17.21	54	34.47	39.3	21.25	58.23	-	-	A	H
		14499	49.02	-24.98	74	45.1	39.7	22.31	58.09	-	-	P	H
		14499	38.97	-15.03	54	35.05	39.7	22.31	58.09	-	-	A	H
		16830	50.19	-18.01	68.2	39.46	42.87	24.55	56.69	-	-	P	H
		17879	52.26	-21.74	74	40.9	41.88	25.53	56.05	-	-	P	H
		17879	42.17	-11.83	54	30.81	41.88	25.53	56.05	-	-	A	H
													H
													H
													H
													H
		11220	45.72	-28.28	74	46.6	37.94	19.28	58.1	-	-	P	V
		13347	48.42	-25.58	74	46.09	39.35	21.2	58.22	-	-	P	V
		13347	37.05	-16.95	54	34.72	39.35	21.2	58.22	-	-	A	V
		14480	49.03	-24.97	74	45.19	39.64	22.29	58.09	-	-	P	V
		14480	38.95	-15.05	54	35.11	39.64	22.29	58.09	-	-	A	V
		16830	50.67	-17.53	68.2	39.94	42.87	24.55	56.69	-	-	P	V
		17780	52.55	-21.45	74	41.37	41.84	25.45	56.11	-	-	P	V
		17780	42.21	-11.79	54	31.03	41.84	25.45	56.11	-	-	A	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (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 484/65 CH 106 5530MHz		5459.2	59.33	-14.67	74	47.66	34.74	12.06	35.13	100	245	P	H
		5469.76	66.01	-2.19	68.2	54.28	34.78	12.08	35.13	100	245	P	H
		5459.44	46.72	-7.28	54	34.03	34.74	13.08	35.13	100	245	A	H
	*	5530	100.69	-	-	88.81	34.84	12.17	35.13	100	245	P	H
	*	5530	95.35	-	-	83.47	34.84	12.17	35.13	100	245	A	H
		5737.28	53.91	-14.29	68.2	41.66	35	12.42	35.17	100	245	P	H
		5459.44	54.52	-19.48	74	42.85	34.74	12.06	35.13	100	287	P	V
		5464.96	59.2	-9	68.2	47.5	34.76	12.07	35.13	100	287	P	V
		5459.44	43.73	-10.27	54	31.04	34.74	13.08	35.13	100	287	A	V
	*	5530	97.9	-	-	86.02	34.84	12.17	35.13	100	287	P	V
	*	5530	92.94	-	-	81.06	34.84	12.17	35.13	100	287	A	V
		5756.18	51.47	-16.73	68.2	39.22	34.98	12.44	35.17	100	287	P	V
802.11ax HE80 Partial 484/66 CH 122 5610MHz		5397.25	50.69	-23.31	74	39.11	34.78	11.97	35.17	100	237	P	H
		5464.8	49.12	-19.08	68.2	37.42	34.76	12.07	35.13	100	237	P	H
		5445.9	41.86	-12.14	54	29.23	34.71	13.06	35.14	100	237	A	H
	*	5610	103.69	-	-	91.58	34.96	12.29	35.14	100	237	P	H
	*	5610	97.68	-	-	85.57	34.96	12.29	35.14	100	237	A	H
		5727.55	56.09	-12.11	68.2	43.84	35	12.41	35.16	100	237	P	H
		5416.5	50.48	-23.52	74	38.87	34.77	12	35.16	100	281	P	V
		5470	49.41	-18.79	68.2	37.68	34.78	12.08	35.13	100	281	P	V
		5430.85	41.6	-12.4	54	28.96	34.74	13.04	35.14	100	281	A	V
	*	5610	101.54	-	-	89.43	34.96	12.29	35.14	100	281	P	V
	*	5610	95.24	-	-	83.13	34.96	12.29	35.14	100	281	A	V
		5737.175	55.84	-12.36	68.2	43.59	35	12.42	35.17	100	281	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 (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		5432.29	47.76	-26.24	74	36.28	34.6	12.02	35.14	200	340	P	H
		5465.44	48.07	-20.13	68.2	36.46	34.67	12.07	35.13	200	340	P	H
		5459.98	39.46	-14.54	54	27.56	34.6	12.43	35.13	200	340	A	H
	*	5720	111.42	-	-	99.48	34.7	12.4	35.16	200	340	P	H
	*	5720	102.04	-	-	90.1	34.7	12.4	35.16	200	340	A	H
		5870	53.26	-14.94	68.2	41.02	34.9	12.53	35.19	200	340	P	H
		5374.57	48.42	-25.58	74	37.17	34.47	11.95	35.17	100	303	P	V
		5461.93	47.97	-20.23	68.2	36.43	34.6	12.07	35.13	100	303	P	V
		5387.44	39.37	-14.63	54	27.68	34.53	12.33	35.17	100	303	A	V
	*	5720	109.31	-	-	97.37	34.7	12.4	35.16	100	303	P	V
	*	5720	100.84	-	-	88.9	34.7	12.4	35.16	100	303	A	V
		5878.75	51.5	-16.7	68.2	39.26	34.9	12.53	35.19	100	303	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	45.81	-28.19	74	45.71	38.28	19.46	57.64	-	-	P	H
		13347	48.32	-25.68	74	45.99	39.35	21.2	58.22	-	-	P	H
		13347	37.1	-16.9	54	34.77	39.35	21.2	58.22	-	-	A	H
		14491	47.96	-26.04	74	44.08	39.67	22.3	58.09	-	-	P	H
		14491	38.82	-15.18	54	34.94	39.67	22.3	58.09	-	-	A	H
		17160	51.31	-16.89	68.2	40.73	42.28	24.87	56.57	-	-	P	H
		17747	53.01	-20.99	74	41.81	41.91	25.42	56.13	-	-	P	H
		17747	42.45	-11.55	54	31.25	41.91	25.42	56.13	-	-	A	H
													H
													H
													H
													H
		11440	46.12	-27.88	74	46.02	38.28	19.46	57.64	-	-	P	V
		13369	47.86	-26.14	74	45.53	39.33	21.22	58.22	-	-	P	V
		13369	36.97	-17.03	54	34.64	39.33	21.22	58.22	-	-	A	V
		14499	48.22	-25.78	74	44.3	39.7	22.31	58.09	-	-	P	V
		14499	38.88	-15.12	54	34.96	39.7	22.31	58.09	-	-	A	V
		17160	51.65	-16.55	68.2	41.07	42.28	24.87	56.57	-	-	P	V
		17725	51.84	-22.16	74	40.64	41.95	25.4	56.15	-	-	P	V
		17725	42.54	-11.46	54	31.34	41.95	25.4	56.15	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 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		5403.04	48.68	-25.32	74	37.27	34.6	11.97	35.16	196	344	P	H
		5463.88	48.44	-19.76	68.2	36.83	34.67	12.07	35.13	196	344	P	H
		5435.41	40.18	-13.82	54	28.05	34.6	12.67	35.14	196	344	A	H
	*	5710	107.8	-	-	95.87	34.7	12.39	35.16	196	344	P	H
	*	5710	100.48	-	-	88.55	34.7	12.39	35.16	196	344	A	H
		5856.75	56.42	-11.78	68.2	44.18	34.9	12.52	35.18	196	344	P	H
		5432.29	48.8	-25.2	74	37.32	34.6	12.02	35.14	101	301	P	V
		5460.76	47	-21.2	68.2	35.47	34.6	12.06	35.13	101	301	P	V
		5425.66	40.22	-13.78	54	28.1	34.6	12.66	35.14	101	301	A	V
	*	5710	105.85	-	-	93.92	34.7	12.39	35.16	101	301	P	V
	*	5710	99.04	-	-	87.11	34.7	12.39	35.16	101	301	A	V
		5860.75	53.75	-14.45	68.2	41.52	34.9	12.52	35.19	101	301	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	45.54	-28.46	74	45.55	38.24	19.44	57.69	-	-	P	H
		13399	47.98	-26.02	74	45.66	39.3	21.25	58.23	-	-	P	H
		13399	36.8	-17.2	54	34.48	39.3	21.25	58.23	-	-	A	H
		14499	48.07	-25.93	74	44.15	39.7	22.31	58.09	-	-	P	H
		14499	38.94	-15.06	54	35.02	39.7	22.31	58.09	-	-	A	H
		17130	50.61	-17.59	68.2	40.03	42.34	24.84	56.6	-	-	P	H
		17912	51.93	-22.07	74	40.5	41.89	25.57	56.03	-	-	P	H
		17912	42.16	-11.84	54	30.73	41.89	25.57	56.03	-	-	A	H
													H
													H
													H
													H
		11420	45.94	-28.06	74	45.95	38.24	19.44	57.69	-	-	P	V
		13358	48.11	-25.89	74	45.78	39.34	21.21	58.22	-	-	P	V
		13358	37.16	-16.84	54	34.83	39.34	21.21	58.22	-	-	A	V
		14491	48.25	-25.75	74	44.37	39.67	22.3	58.09	-	-	P	V
		14491	38.95	-15.05	54	35.07	39.67	22.3	58.09	-	-	A	V
		17130	51.51	-16.69	68.2	40.93	42.34	24.84	56.6	-	-	P	V
		17846	52.14	-21.86	74	40.86	41.85	25.5	56.07	-	-	P	V
		17846	42.2	-11.8	54	30.92	41.85	25.5	56.07	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 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		5454.91	53.65	-20.35	74	42.12	34.6	12.06	35.13	198	343	P	H
		5464.27	53.94	-14.26	68.2	42.33	34.67	12.07	35.13	198	343	P	H
		5457.25	45.29	-8.71	54	32.72	34.6	13.1	35.13	198	343	A	H
	*	5690	105.05	-	-	93.14	34.7	12.37	35.16	198	343	P	H
	*	5690	98.39	-	-	86.48	34.7	12.37	35.16	198	343	A	H
		5856.7	66.08	-2.12	68.2	53.84	34.9	12.52	35.18	198	343	P	H
		5456.08	51.28	-22.72	74	39.75	34.6	12.06	35.13	100	302	P	V
		5468.17	53.63	-14.57	68.2	42.01	34.67	12.08	35.13	100	302	P	V
		5458.03	43.94	-10.06	54	31.37	34.6	13.1	35.13	100	302	A	V
	*	5690	103.39	-	-	91.48	34.7	12.37	35.16	100	302	P	V
	*	5690	96.48	-	-	84.57	34.7	12.37	35.16	100	302	A	V
		5852.8	63.45	-4.75	68.2	51.22	34.9	12.51	35.18	100	302	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	45.8	-28.2	74	45.98	38.18	19.41	57.77	-	-	P	H
		13399	48.58	-25.42	74	46.26	39.3	21.25	58.23	-	-	P	H
		13399	35.93	-18.07	54	33.61	39.3	21.25	58.23	-	-	A	H
		14499	49.36	-24.64	74	45.44	39.7	22.31	58.09	-	-	P	H
		14499	38.52	-15.48	54	34.6	39.7	22.31	58.09	-	-	A	H
		17070	50.78	-17.42	68.2	40.25	42.4	24.78	56.65	-	-	P	H
		17901	51.88	-22.12	74	40.47	41.9	25.55	56.04	-	-	P	H
		17901	41.93	-12.07	54	30.52	41.9	25.55	56.04	-	-	A	H
													H
													H
													H
													H
		11380	45.2	-28.8	74	45.38	38.18	19.41	57.77	-	-	P	V
		13347	48.18	-25.82	74	45.85	39.35	21.2	58.22	-	-	P	V
		13347	36.32	-17.68	54	33.99	39.35	21.2	58.22	-	-	A	V
		14491	48.67	-25.33	74	44.79	39.67	22.3	58.09	-	-	P	V
		14491	38.35	-15.65	54	34.47	39.67	22.3	58.09	-	-	A	V
		17070	50.55	-17.65	68.2	40.02	42.4	24.78	56.65	-	-	P	V
		17769	52.22	-21.78	74	41.04	41.86	25.44	56.12	-	-	P	V
		17769	41.97	-12.03	54	30.79	41.86	25.44	56.12	-	-	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

[illegible]



<Sample 2>

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	43.68	-30.32	74	44.82	37.86	19.23	58.23	-	-	P	H
		13325	47.36	-26.64	74	45.01	39.38	21.18	58.21	-	-	P	H
		14491	48.25	-25.75	74	44.37	39.67	22.3	58.09	-	-	P	H
		14491	38.6	-15.4	54	34.72	39.67	22.3	58.09	-	-	A	H
		16740	50.24	-17.96	68.2	39.54	42.9	24.47	56.67	-	-	P	H
		17769	53.08	-20.92	74	41.9	41.86	25.44	56.12	-	-	P	H
		17769	41.96	-12.04	54	30.78	41.86	25.44	56.12	-	-	A	H
													H
													H
													H
													H
		11160	44.76	-29.24	74	45.9	37.86	19.23	58.23	-	-	P	V
		13369	47.48	-26.52	74	45.15	39.33	21.22	58.22	-	-	P	V
		14491	47.99	-26.01	74	44.11	39.67	22.3	58.09	-	-	P	V
		16740	49.62	-18.58	68.2	38.92	42.9	24.47	56.67	-	-	P	V
		17890	52.12	-21.88	74	40.74	41.89	25.54	56.05	-	-	P	V
		17890	41.93	-12.07	54	30.55	41.89	25.54	56.05	-	-	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 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 140 5700MHz	*	5700	107.29	-	-	95.07	35	12.38	35.16	100	244	P	H
	*	5700	99.62	-	-	87.4	35	12.38	35.16	100	244	A	H
		5728.6	64.85	-3.35	68.2	52.6	35	12.41	35.16	100	244	P	H
													H
													H
													H
	*	5700	104.42	-	-	92.2	35	12.38	35.16	395	353	P	V
	*	5700	96.92	-	-	84.7	35	12.38	35.16	395	353	A	V
		5727.88	61.04	-7.16	68.2	48.79	35	12.41	35.16	395	353	P	V
													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 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 46 5230MHz		10460	46.26	-21.94	68.2	49.16	37.64	18.65	59.19	-	-	P	H
		13358	47.75	-26.25	74	45.42	39.34	21.21	58.22	-	-	P	H
		14480	47.71	-26.29	74	43.87	39.64	22.29	58.09	-	-	P	H
		15690	47.62	-26.38	74	40.05	41.19	23.48	57.1	-	-	P	H
		17945	51.98	-22.02	74	40.54	41.85	25.6	56.01	-	-	P	H
		17945	41.68	-12.32	54	30.24	41.85	25.6	56.01	-	-	A	H
													H
													H
													H
													H
													H
		10460	45.14	-23.06	68.2	48.04	37.64	18.65	59.19	-	-	P	V
		13358	48.16	-25.84	74	45.83	39.34	21.21	58.22	-	-	P	V
		13358	36.88	-17.12	54	34.55	39.34	21.21	58.22	-	-	A	V
		14491	47.37	-26.63	74	43.49	39.67	22.3	58.09	-	-	P	V
		15690	47.19	-26.81	74	39.62	41.19	23.48	57.1	-	-	P	V
		17747	52.35	-21.65	74	41.15	41.91	25.42	56.13	-	-	P	V
		17747	42.23	-11.77	54	31.03	41.91	25.42	56.13	-	-	A	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ax 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		5147.68	59.2	-14.8	74	48.49	34.2	11.79	35.28	222	312	P	H
		5145.08	50.58	-3.42	54	38.83	34.2	12.83	35.28	222	312	A	H
	*	5210	99.96	-	-	89.05	34.3	11.86	35.25	222	312	P	H
	*	5210	91.2	-	-	80.29	34.3	11.86	35.25	222	312	A	H
		5410.16	49.32	-24.68	74	37.89	34.6	11.99	35.16	222	312	P	H
		5390.28	40.89	-13.11	54	28.53	34.53	13	35.17	222	312	A	H
		5149.76	58.35	-15.65	74	47.64	34.2	11.79	35.28	200	0	P	V
		5147.68	49.28	-4.72	54	37.53	34.2	12.83	35.28	200	0	A	V
	*	5210	97.4	-	-	86.49	34.3	11.86	35.25	200	0	P	V
	*	5210	90.5	-	-	79.59	34.3	11.86	35.25	200	0	A	V
		5354.16	50.28	-23.72	74	39.12	34.4	11.94	35.18	200	0	P	V
		5400.36	40.62	-13.38	54	28.17	34.6	13.01	35.16	200	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Sample 3>

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	44.14	-29.86	74	45.28	37.86	19.23	58.23	-	-	P	H
		13336	48.1	-25.9	74	45.76	39.36	21.19	58.21	-	-	P	H
		13336	37.88	-16.12	54	35.54	39.36	21.19	58.21	-	-	A	H
		14480	48.09	-25.91	74	44.25	39.64	22.29	58.09	-	-	P	H
		14480	38.54	-15.46	54	34.7	39.64	22.29	58.09	-	-	A	H
		16740	50.64	-17.56	68.2	39.94	42.9	24.47	56.67	-	-	P	H
		17758	52.05	-21.95	74	40.87	41.88	25.43	56.13	-	-	P	H
		17758	41.9	-12.1	54	30.72	41.88	25.43	56.13	-	-	A	H
													H
													H
													H
		11160	44.01	-29.99	74	45.15	37.86	19.23	58.23	-	-	P	V
		13369	48.2	-25.8	74	45.87	39.33	21.22	58.22	-	-	P	V
		13369	37.93	-16.07	54	35.6	39.33	21.22	58.22	-	-	A	V
		14499	47.94	-26.06	74	44.02	39.7	22.31	58.09	-	-	P	V
		16740	49.81	-18.39	68.2	39.11	42.9	24.47	56.67	-	-	P	V
		17879	52.01	-21.99	74	40.65	41.88	25.53	56.05	-	-	P	V
		17879	42.57	-11.43	54	31.21	41.88	25.53	56.05	-	-	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 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 140 5700MHz	*	5700	109.05	-	-	96.83	35	12.38	35.16	100	239	P	H
	*	5700	102.09	-	-	89.87	35	12.38	35.16	100	239	A	H
		5725.48	65.89	-2.31	68.2	53.64	35	12.41	35.16	100	239	P	H
													H
													H
													H
	*	5700	104.84	-	-	92.62	35	12.38	35.16	374	0	P	V
	*	5700	97.43	-	-	85.21	35	12.38	35.16	374	0	A	V
		5725.32	61.32	-6.88	68.2	49.07	35	12.41	35.16	374	0	P	V
													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 (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 46 5230MHz		10460	45.05	-23.15	68.2	47.95	37.64	18.65	59.19	-	-	P	H
		13259	47.52	-26.48	74	45.27	39.32	21.12	58.19	-	-	P	H
		14491	48.43	-25.57	74	44.55	39.67	22.3	58.09	-	-	P	H
		14491	38.91	-15.09	54	35.03	39.67	22.3	58.09	-	-	A	H
		15690	48.28	-25.72	74	40.71	41.19	23.48	57.1	-	-	P	H
		15690	38.11	-15.89	54	30.54	41.19	23.48	57.1	-	-	A	H
		17758	51.88	-22.12	74	40.7	41.88	25.43	56.13	-	-	P	H
		17758	42.33	-11.67	54	31.15	41.88	25.43	56.13	-	-	A	H
													H
													H
													H
		10460	45.25	-22.95	68.2	48.15	37.64	18.65	59.19	-	-	P	V
		13347	48.21	-25.79	74	45.88	39.35	21.2	58.22	-	-	P	V
		13347	38.24	-15.76	54	35.91	39.35	21.2	58.22	-	-	A	V
		14480	48.65	-25.35	74	44.81	39.64	22.29	58.09	-	-	P	V
		14480	38.38	-15.62	54	34.54	39.64	22.29	58.09	-	-	A	V
		15690	47.96	-26.04	74	40.39	41.19	23.48	57.1	-	-	P	V
		15690	38.11	-15.89	54	30.54	41.19	23.48	57.1	-	-	A	V
		17714	51.75	-22.25	74	40.54	41.97	25.39	56.15	-	-	P	V
		17714	42.63	-11.37	54	31.42	41.97	25.39	56.15	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ax 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		5145.6	59.42	-14.58	74	48.51	34.4	11.79	35.28	201	315	P	H
		5149.76	50.95	-3.05	54	39	34.4	12.83	35.28	201	315	A	H
	*	5210	99.83	-	-	88.64	34.58	11.86	35.25	201	315	P	H
	*	5210	92.06	-	-	80.87	34.58	11.86	35.25	201	315	A	H
		5354.72	50.82	-23.18	74	39.62	34.44	11.94	35.18	201	315	P	H
		5355.28	42.24	-11.76	54	30	34.44	12.98	35.18	201	315	A	H
		5131.56	59.92	-14.08	74	49.04	34.4	11.77	35.29	160	353	P	V
		5146.64	51.04	-2.96	54	39.09	34.4	12.83	35.28	160	353	A	V
	*	5210	98.83	-	-	87.64	34.58	11.86	35.25	160	353	P	V
	*	5210	91.98	-	-	80.79	34.58	11.86	35.25	160	353	A	V
		5360.6	49.69	-24.31	74	38.44	34.48	11.95	35.18	160	353	P	V
		5423.88	41.04	-12.96	54	28.4	34.75	13.05	35.16	160	353	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

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

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

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

1. 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)

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

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	17.9~22.2°C
		Relative Humidity :	53.1~69%

Note symbol

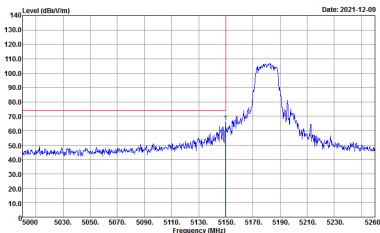
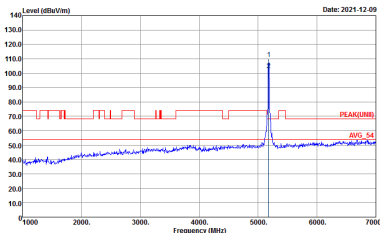
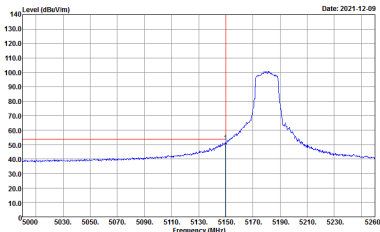
-L	Low channel location
-R	High channel location



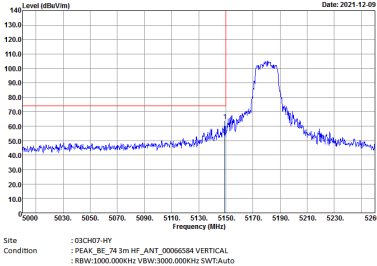
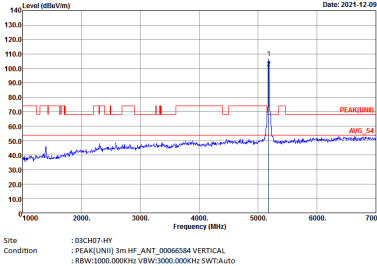
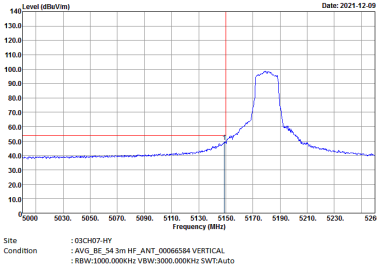
<Sample 1>

Band 1 - 5150~5250MHz

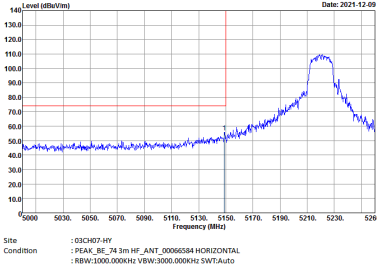
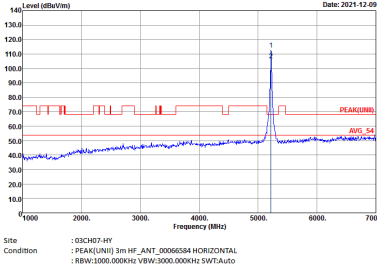
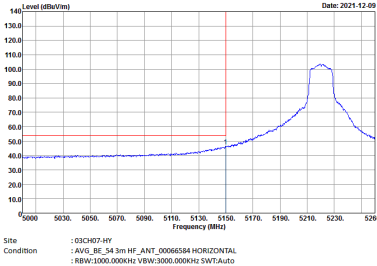
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

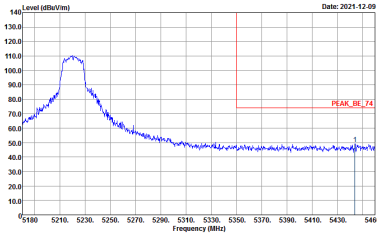
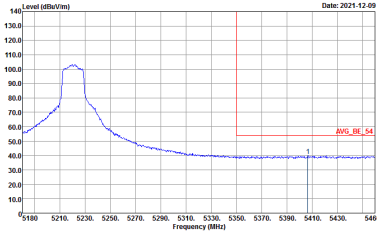


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

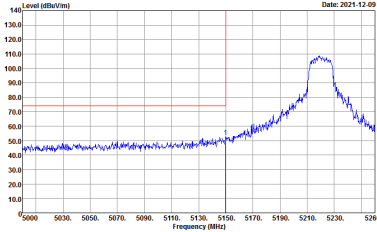
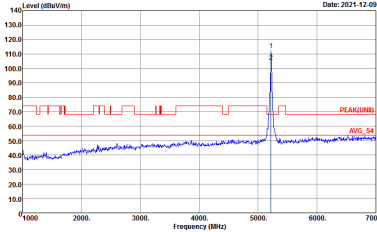
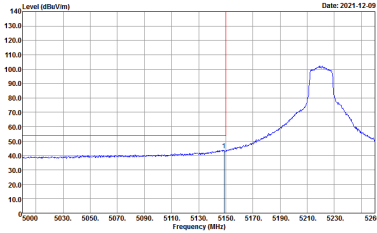


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

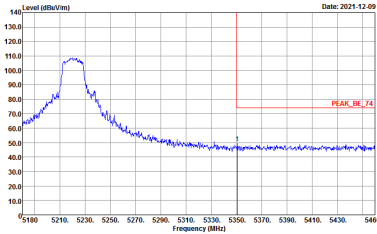
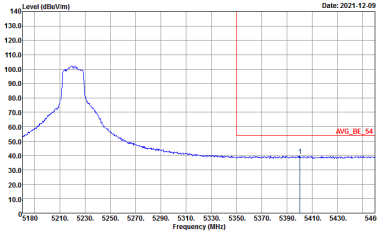


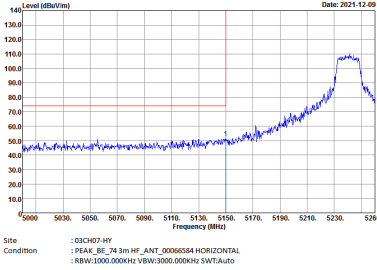
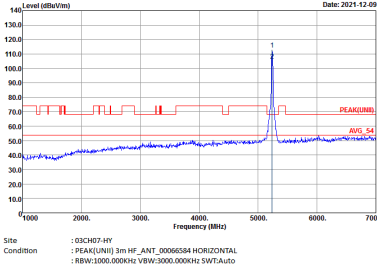
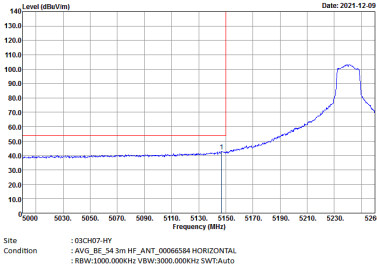
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



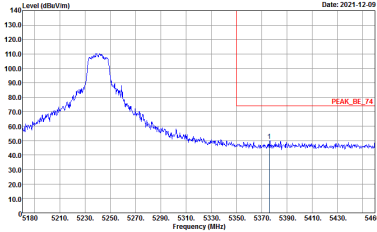
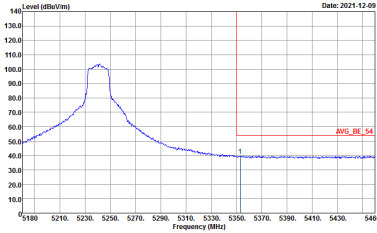
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



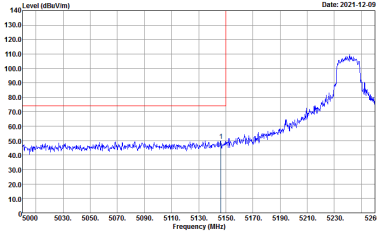
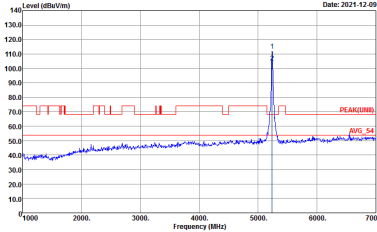
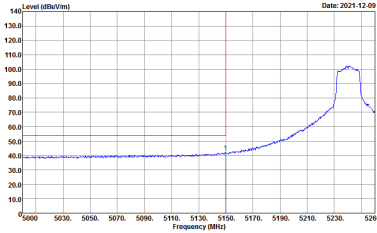
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

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

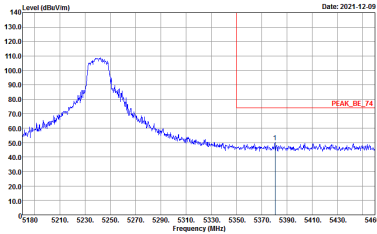
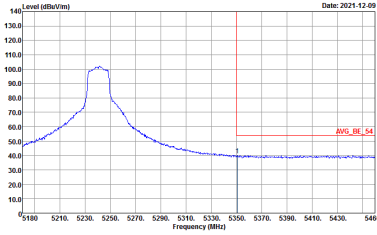


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



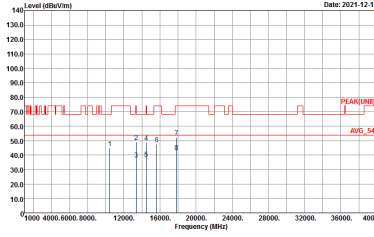
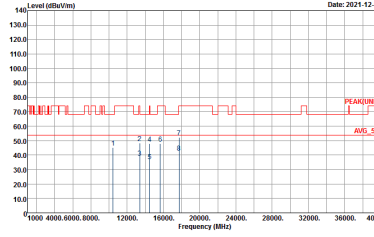
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_DB_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
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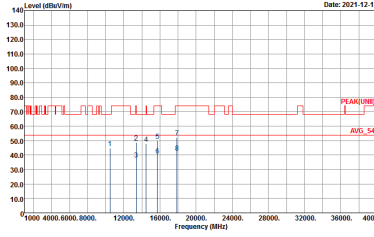
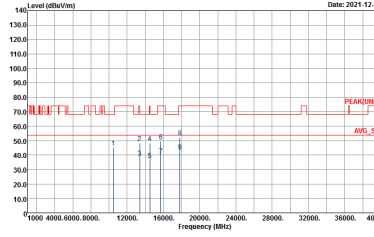
Band 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00066584 VERTICAL Detector : Peak

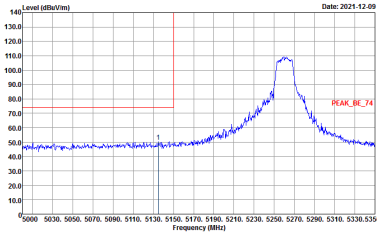
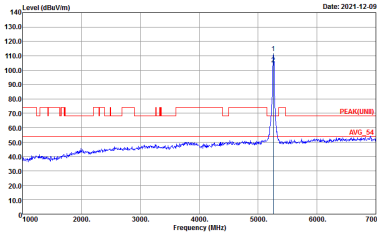
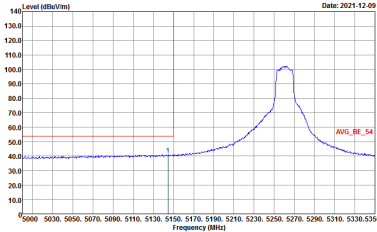


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 VERTICAL Detector : Peak

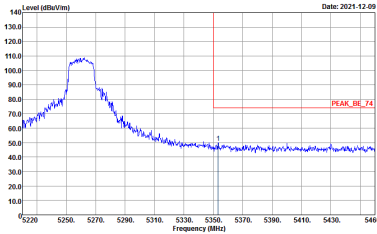
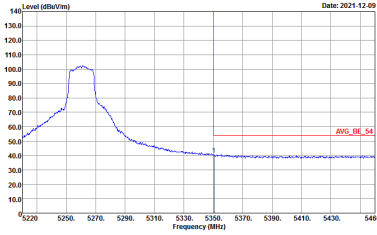


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak

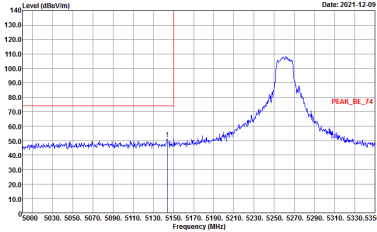
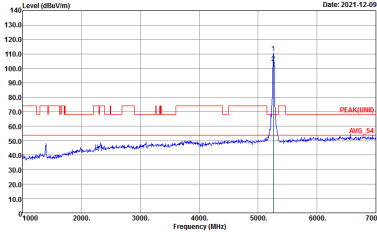
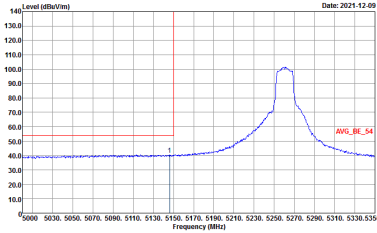
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

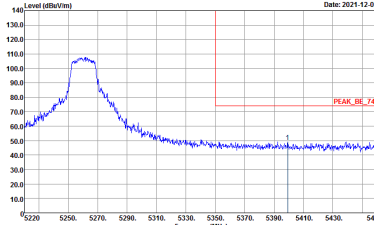
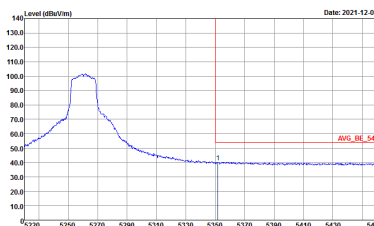
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_UMB 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



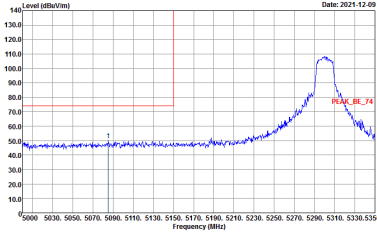
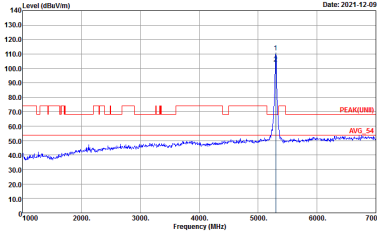
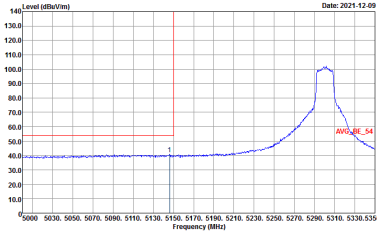
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_DB_74 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : : AVG_DB_54 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



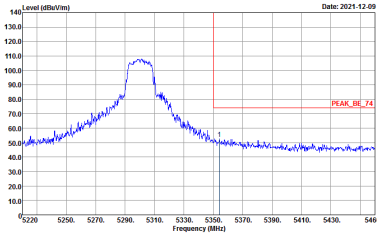
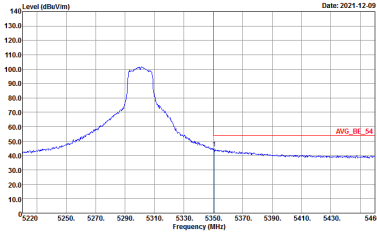
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_FUND_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_DB_74 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_DB_54 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

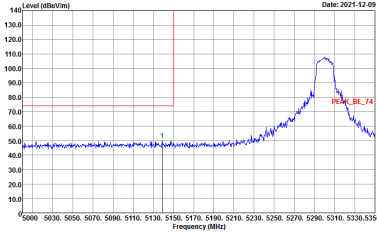
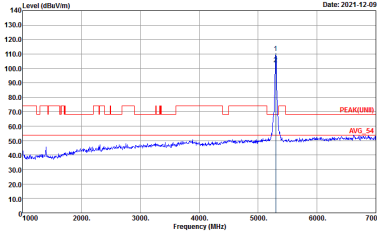
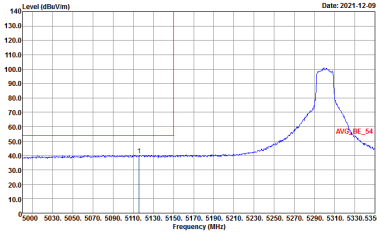


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : : PEAK(UWB) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

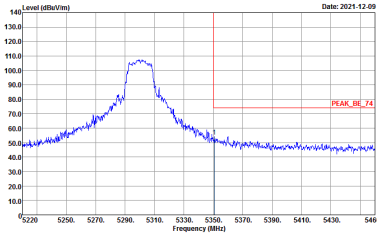
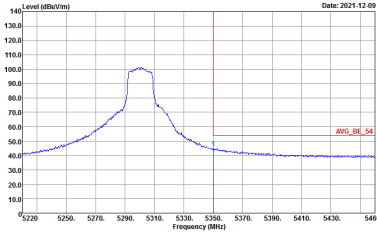


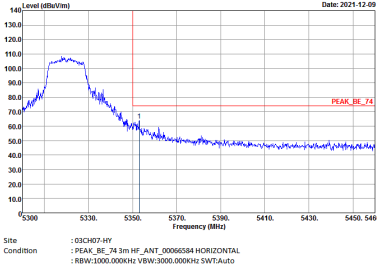
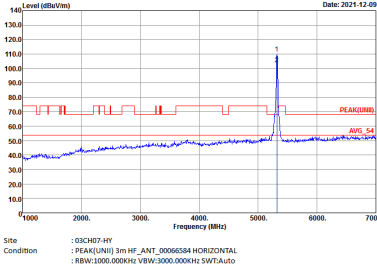
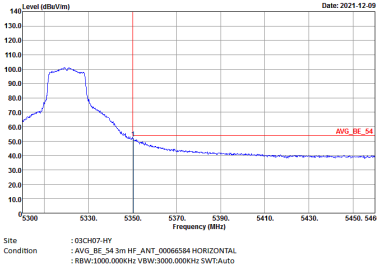
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank



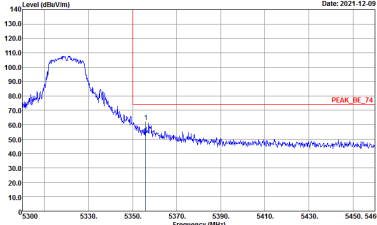
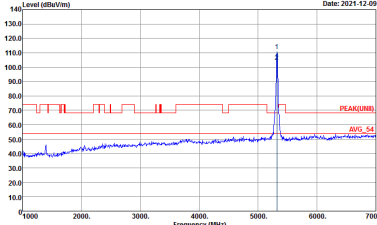
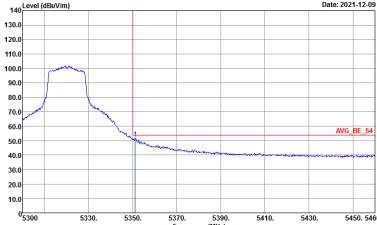
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_DB_74 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_DB_54 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

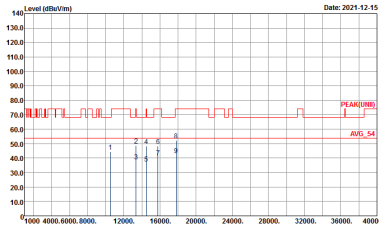
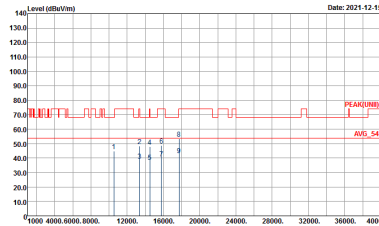
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LINE) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



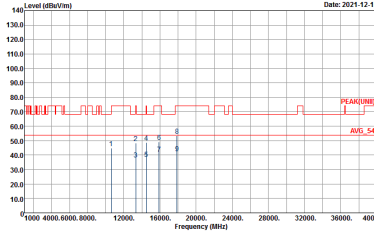
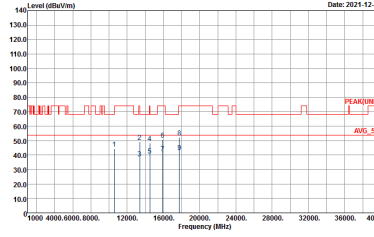
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNB)_54 3m HF_ANT_00060584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



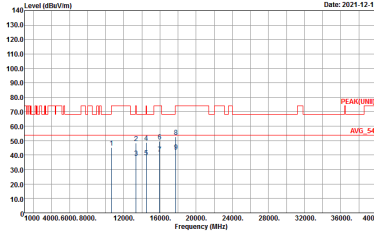
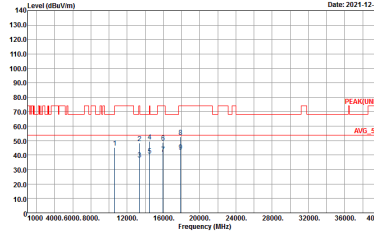
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00066584 VERTICAL Detector : Peak



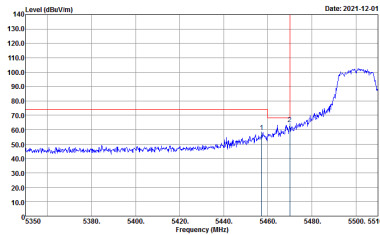
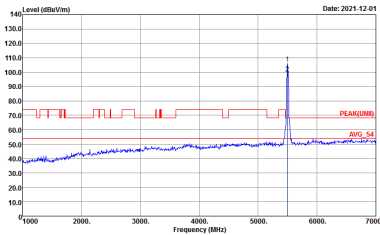
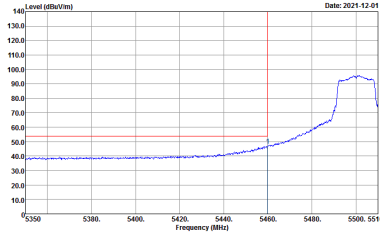
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 VERTICAL Detector : Peak

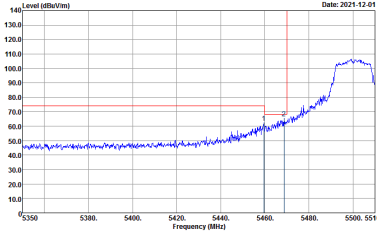
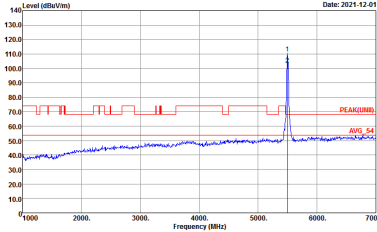
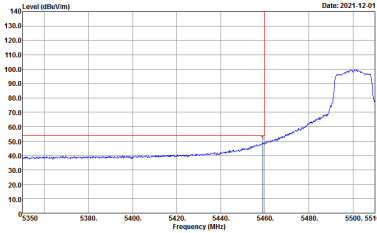


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak

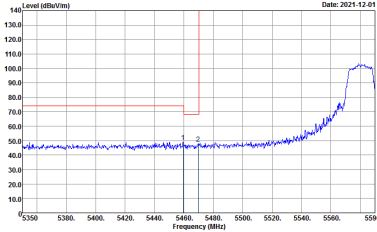
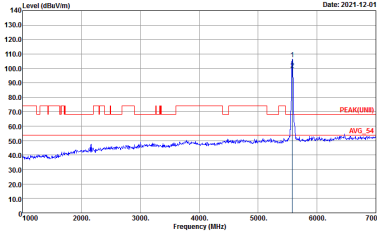
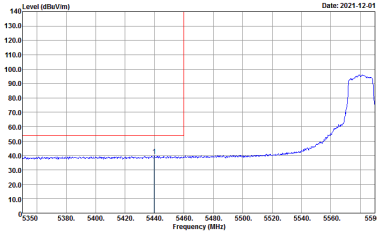


Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

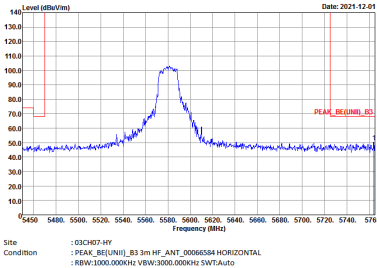
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(LINUI)_B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LINUI) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(LINUI)_B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

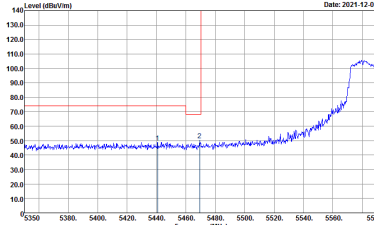
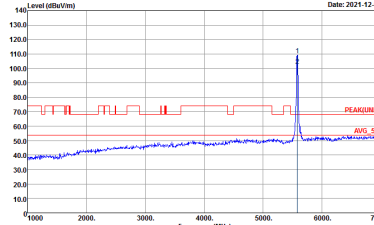
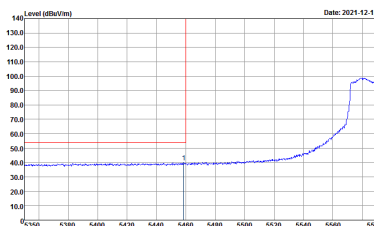
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



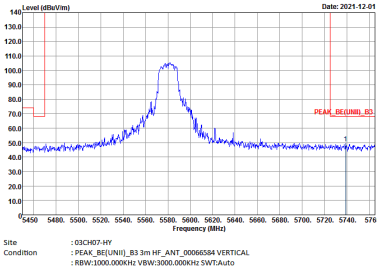
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE(LINUT)_B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : : PEAK(LINUT) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE(LINUT)_B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

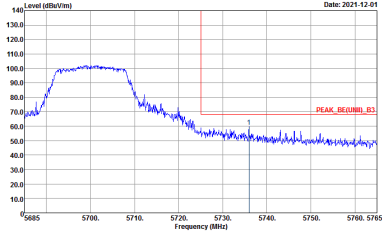
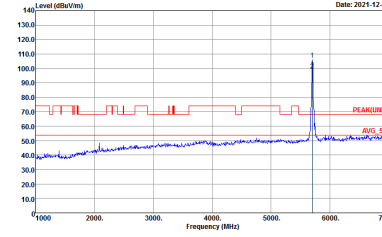


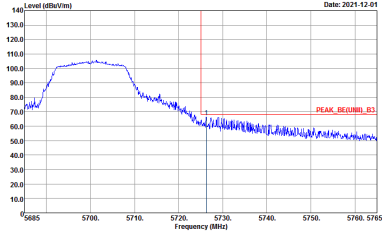
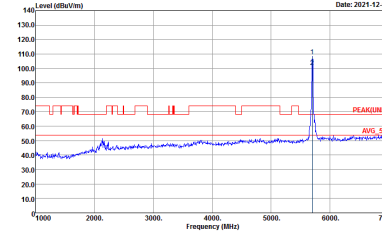
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



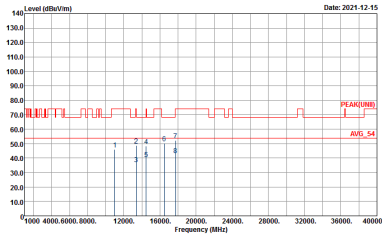
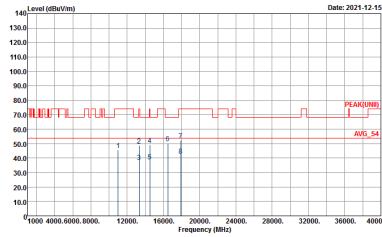
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK (dBuV/m) B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK (dBuV/m) B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

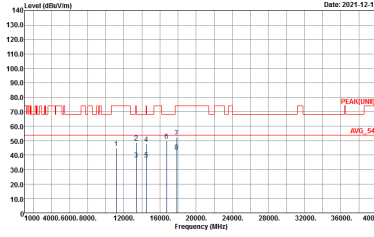
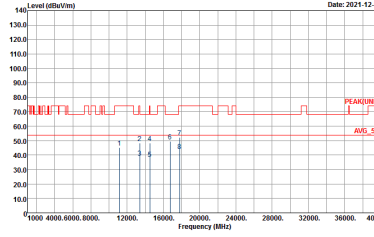
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_06(UMI)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_06(UMI)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

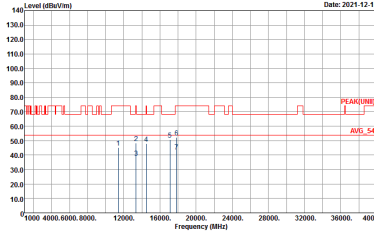
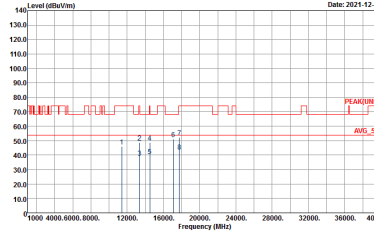


Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00066584 VERTICAL Detector : Peak

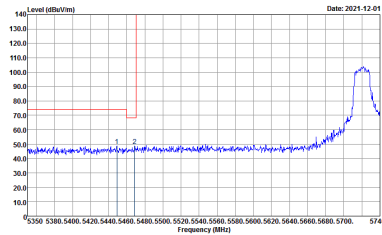
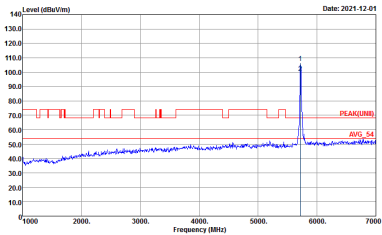
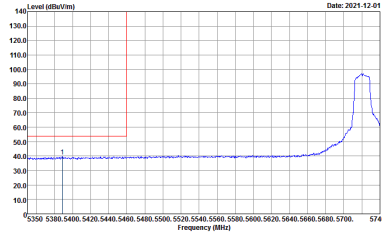


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00060384 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(AVG) 3m HF_ANT_00060384 VERTICAL Detector : Peak

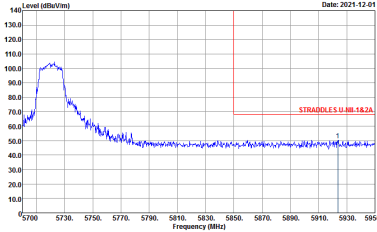
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak



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

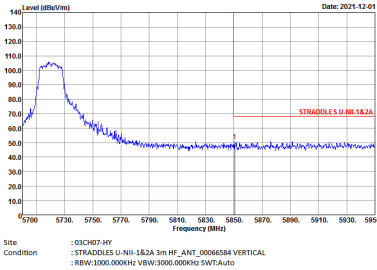
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDLES LI-NIL-18.2A 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : LI-NIL-18.2A AVERAGE 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1	Horizontal	Fundamental
Peak	 Site : 63CH07-197 Condition : STRADDLES U-NB-18.2A 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

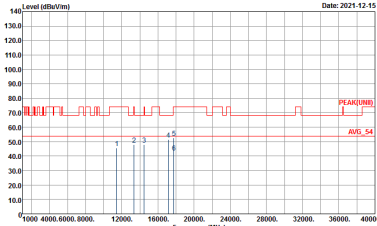
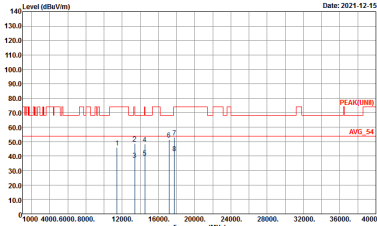
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : STRADOLIS U-NII-18.2A 3m HF_ANT_00060584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH07-HY Condition : PEAK[UNITS] 3m HF_ANT_00060584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH07-HY Condition : U-NII-18.2A AVERAGE 3m HF_ANT_00060584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1	Vertical	Fundamental
Peak		Left blank

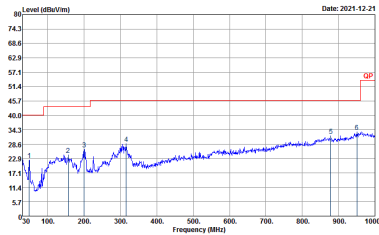
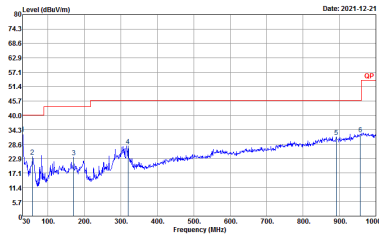


Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNB) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNB) 3m HF_ANT_00066584 VERTICAL Detector : Peak

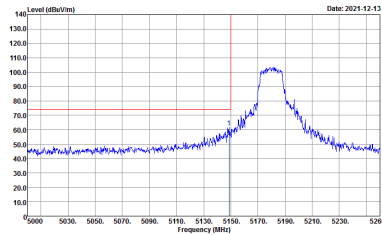
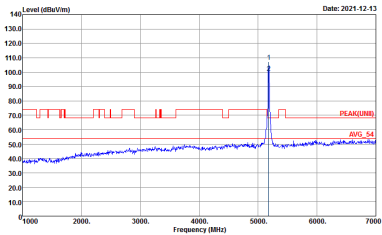
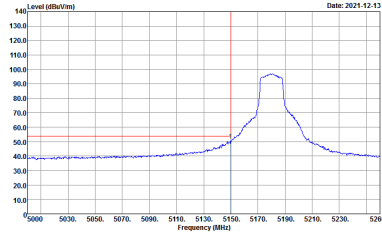


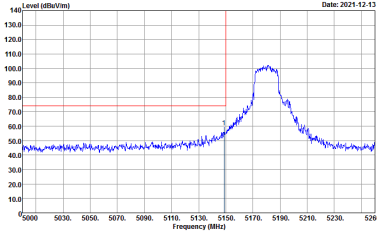
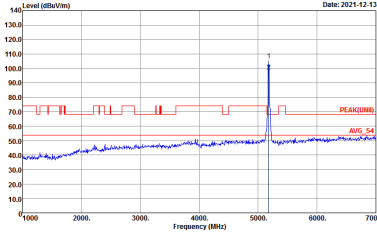
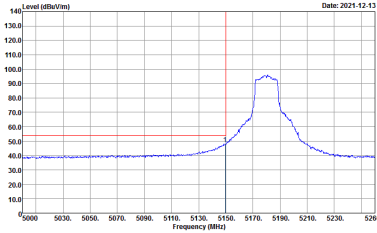
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-3541N(6) HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-3541N(6) VERTICAL Detector : Peak



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

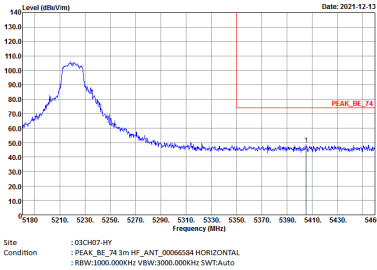
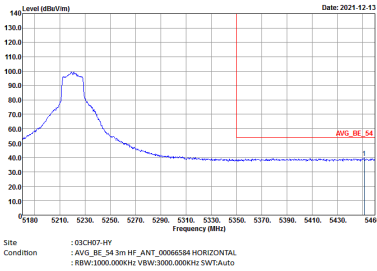
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

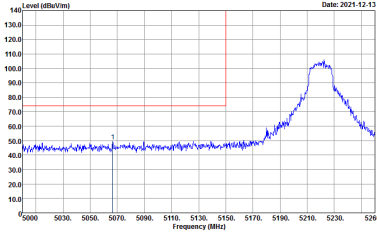
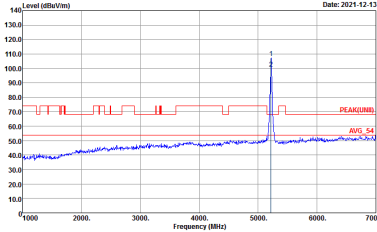
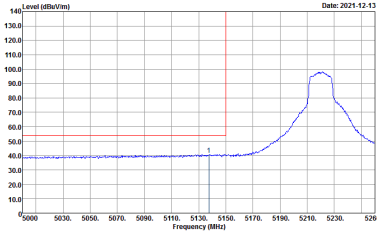


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank

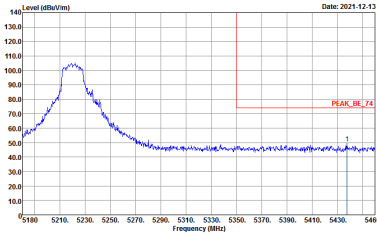
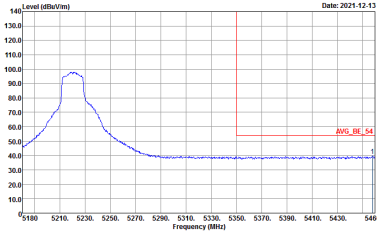


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

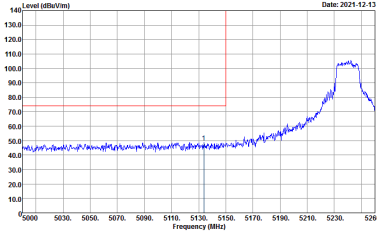
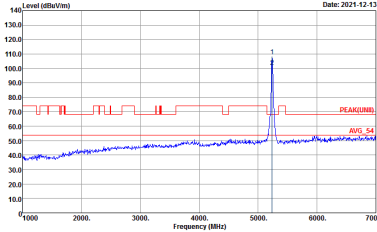
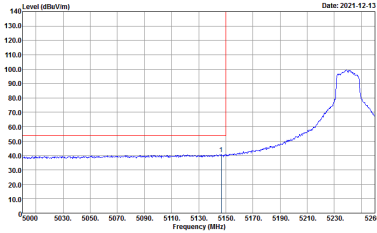


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNB) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

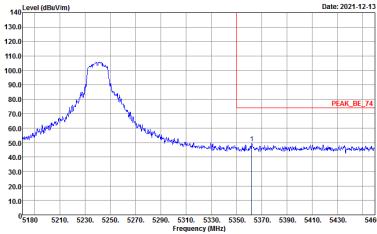
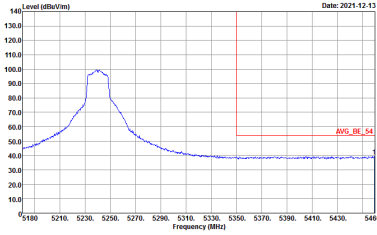


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_DB_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : : AVG_DB_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

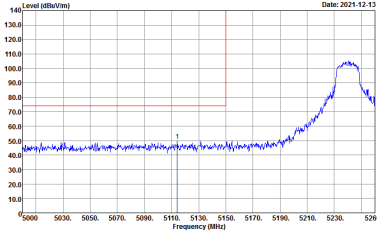
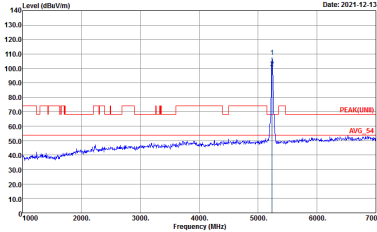
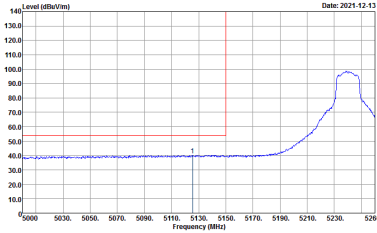


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank

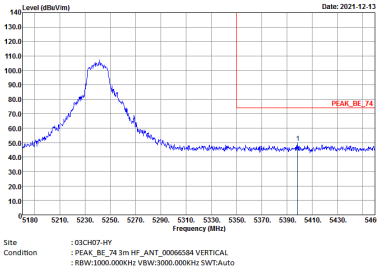
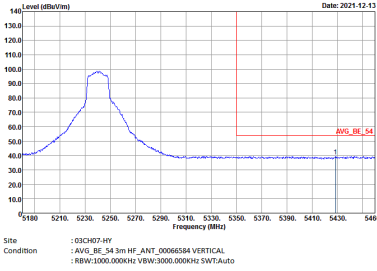


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



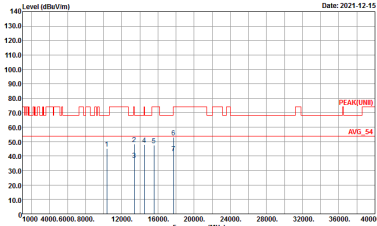
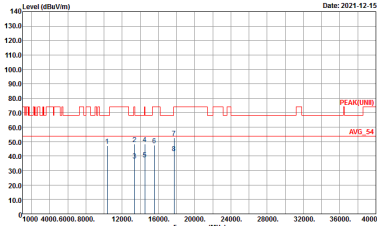
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



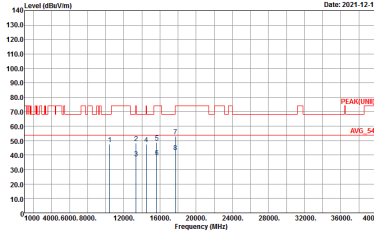
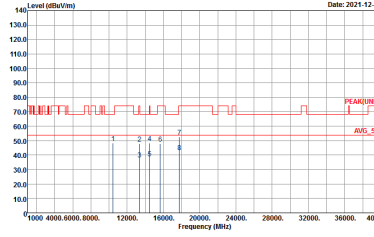
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



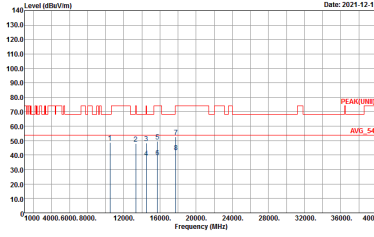
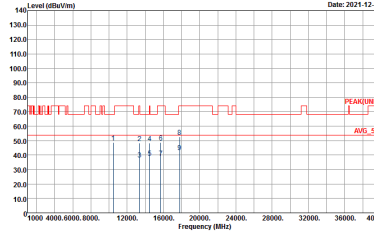
Band 1 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak

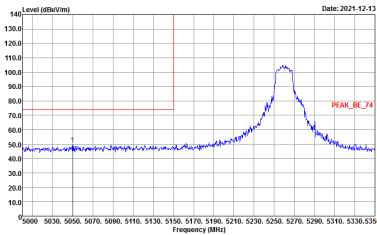
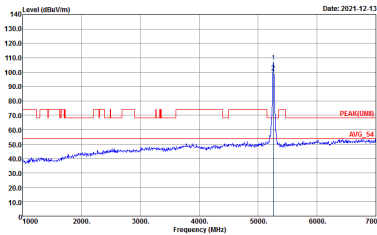
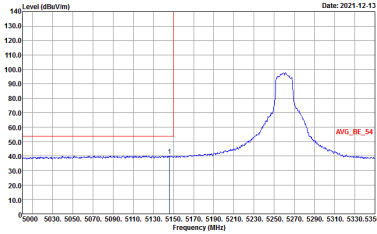


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : RMS	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : RMS

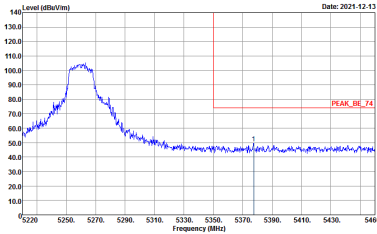
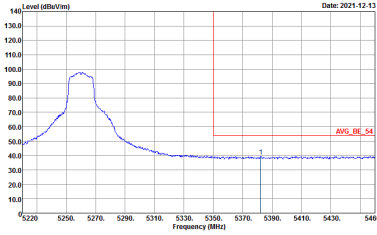


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 HORIZONTAL Detector : RMS	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 VERTICAL Detector : RMS

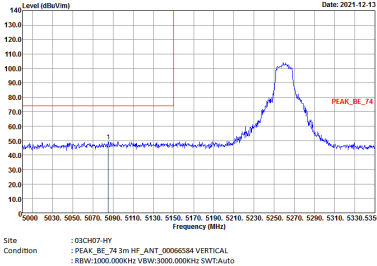
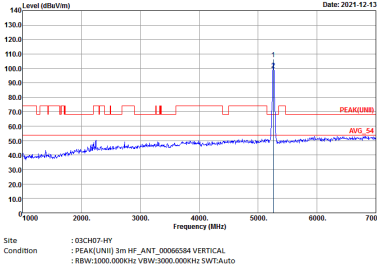
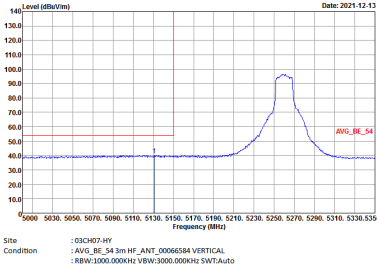
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_UMB 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

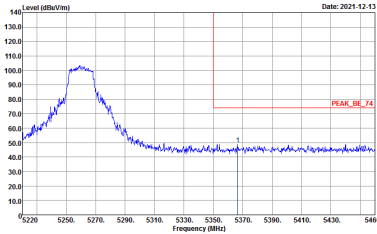
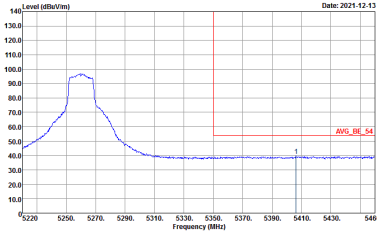


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

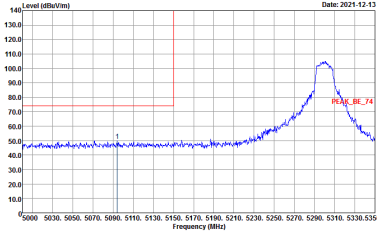
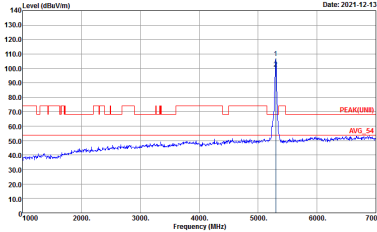
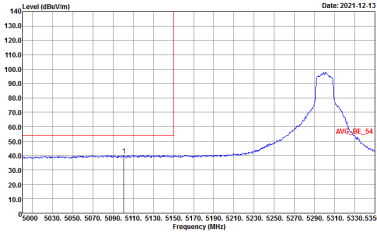


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_LNB 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

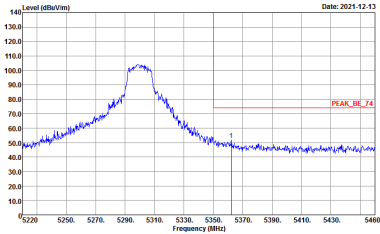
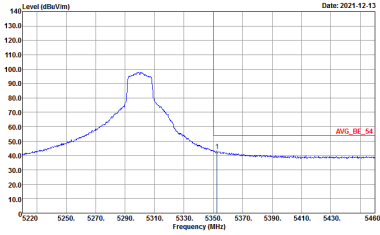


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

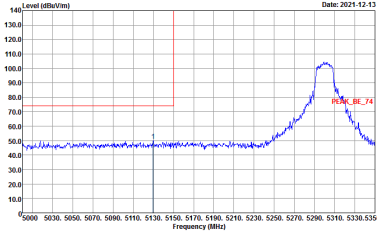
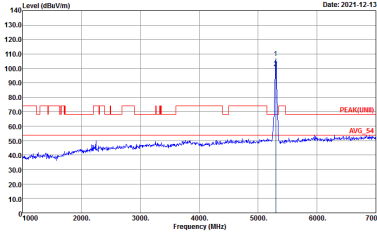
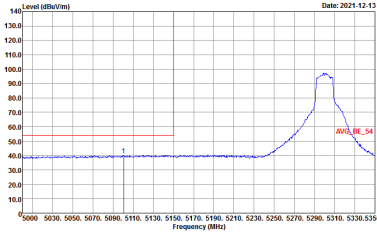


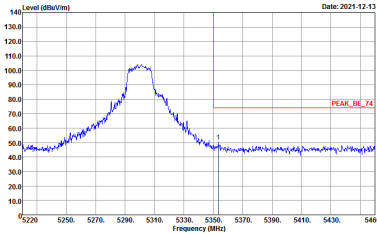
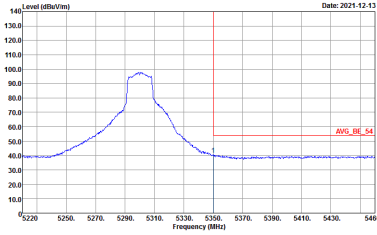
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Left blank

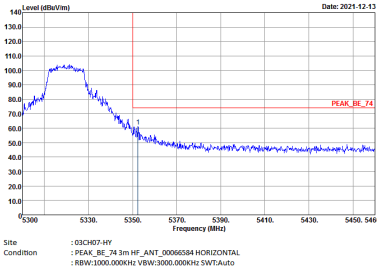
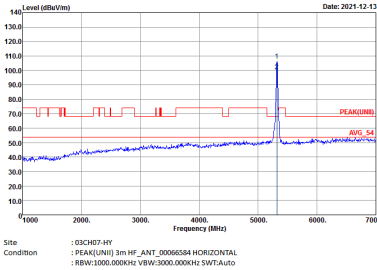
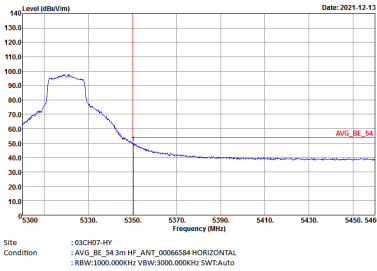


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTA:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTA:Auto	Left blank

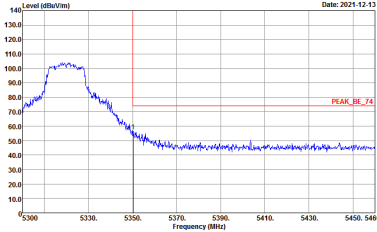
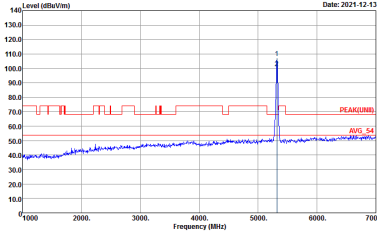
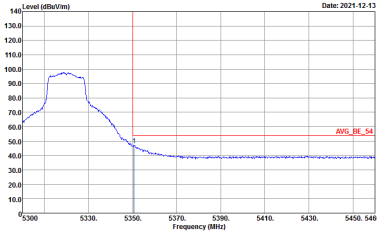


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_LNB 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



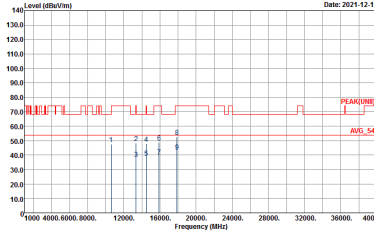
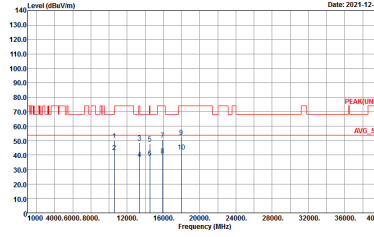
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : : PEAK_BE_74 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : : PEAK(LINE) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : : AVG_BE_54 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



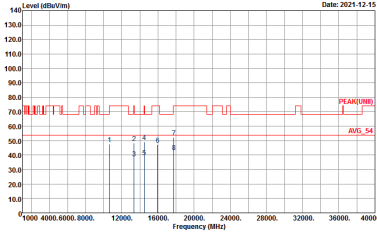
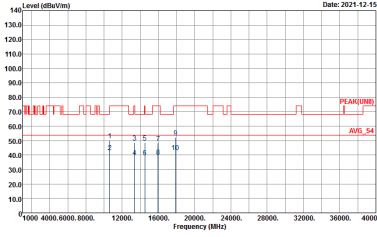
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : RMS	Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : RMS



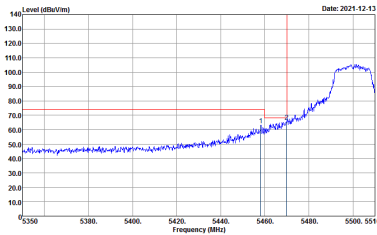
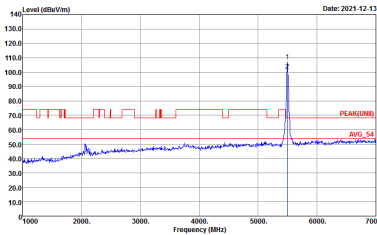
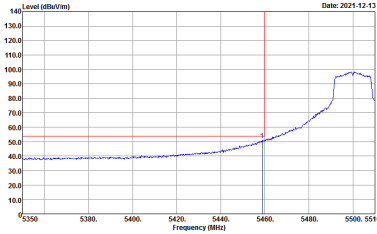
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 HORIZONTAL Detector : RMS	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00060384 VERTICAL Detector : RMS

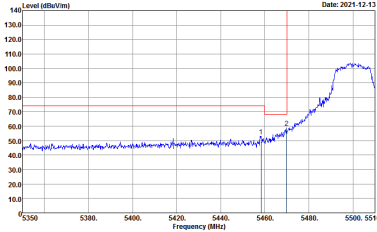
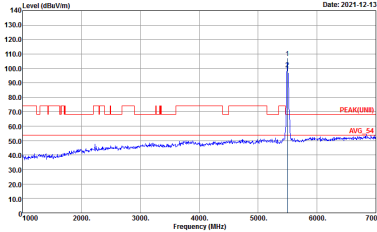
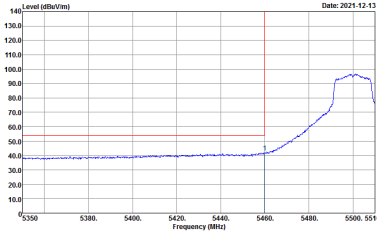


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : RMS	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : RMS



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

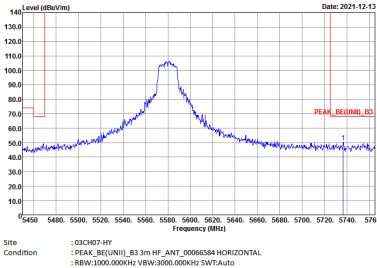
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(LINUI)_B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LINUI) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(LINUI)_B3 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

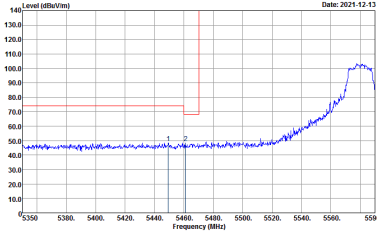
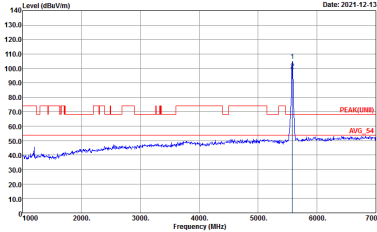
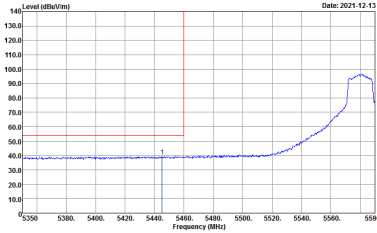


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE(LINUT)_B3 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH07-HY Condition : PEAK(LINUT) 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH07-HY Condition : AVG_BE(LINUT)_B3 3m HF_ANT_00060584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

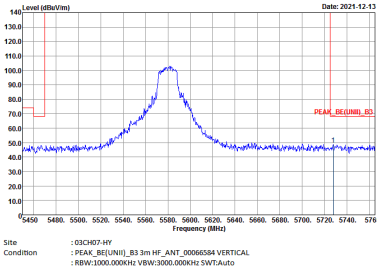


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak		Left blank

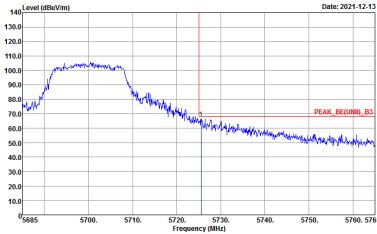
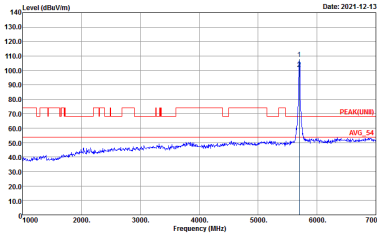


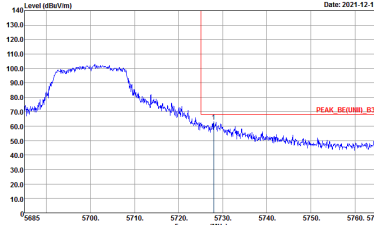
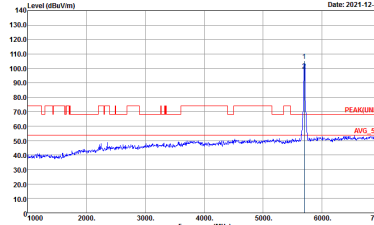
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00060584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak		Left blank

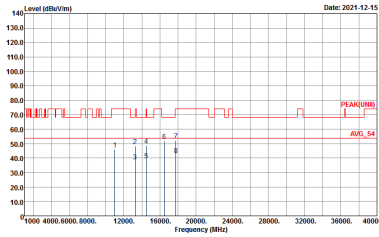
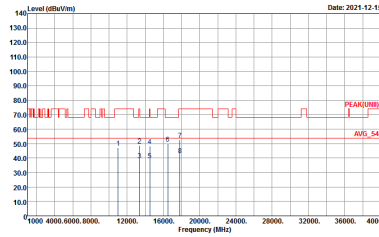


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00066584 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_FUND(UNIT)_B3 3m HF_ANT_00066584 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

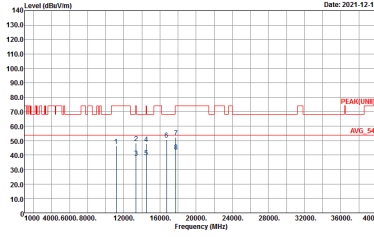
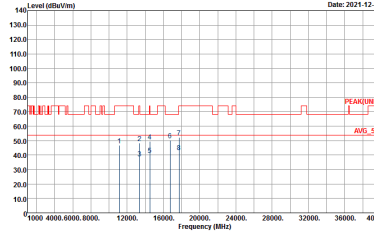
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

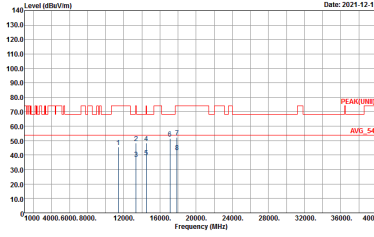
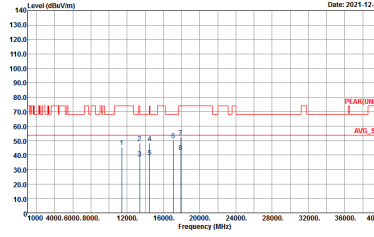


Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(USB) 3m HF_ANT_00060384 HORIZONTAL Detector : Peak	 Site : 03CH07-HY Condition : PEAK(USB) 3m HF_ANT_00060384 VERTICAL Detector : Peak