FCC RADIO TEST REPORT

FCC ID	**:**	**PY7-08372L**
Equipment	**:**	**GSM/WCDMA/LTE Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, and NFC**
Brand Name	**:**	**Sony**
Applicant	**:**	**Sony Mobile Communications Inc. 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan**
Manufacturer	**:**	**Sony Mobile Communications Inc. 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Jul. 01, 2020 and testing was started from Jul. 08, 2020 and completed on Aug. 03, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR042242-02E	01	Initial issue of report	Aug. 14, 2020
FR042242-02E	02	Revise antenna information for test data.	Aug. 24, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 5.88 dB at 10640.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 13.33 dB at 1.580 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang
Report Producer: Tina Chuang

1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac/ax, FM Receiver, NFC and GNSS.

Product Specification subjective to this standard	
Antenna Type	**<Ant. 0>:** Loop Antenna **<Ant. 1>:** Loop Antenna
Antenna Gain	**<5150 MHz ~ 5250 MHz>** **<Ant. 0>:** -2.90 dBi **<Ant. 1>:** -3.30 dBi **<5250 MHz ~ 5350 MHz>** **<Ant. 0>:** -3.00 dBi **<Ant. 1>:** -2.10 dBi **<5470 MHz ~ 5725 MHz>** **<Ant. 0>:** -2.40 dBi **<Ant. 1>:** -2.90 dBi

EUT Information List			
HW Version	**SW Version**	**S/N**	**Performed Test Item**
A	9.29	QV7100HL40	RF conducted measurement
	9.29	QV7100HE40	Radiated Spurious Emission
	6.47	QV71008W40	Conducted Emission

Accessory List	
AC Adapter	Model Name : UCH32
	S/N: 6218W30200215 (for Radiated Spurious Emission) 6218W30200015 (for Conducted Emission)
Earphone	Model Name : STH40D
	S/N : N/A
Bluetooth Earphone	Model Name : SBH82D
	S/N : N/A
USB Cable	Model Name : UCB24
	S/N : N/A

Note:

1. Above EUT list used are electrically identical per declared by manufacturer.
2. Above the accessories list are used to exercise the EUT during test, and the serial number of each type of accessories is listed in each section of this report.
3. For other wireless features of this EUT, test report will be issued separately.

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	**Sporton Site No.**		
	TH05-HY	CO05-HY	DFS02-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH15-HY

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

FCC designation No.: TW1190 and TW0007

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

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

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80.

2.2 Test Mode

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + MPEG4 + Earphone + USB Cable (Charging from Adapter)

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

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

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

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

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

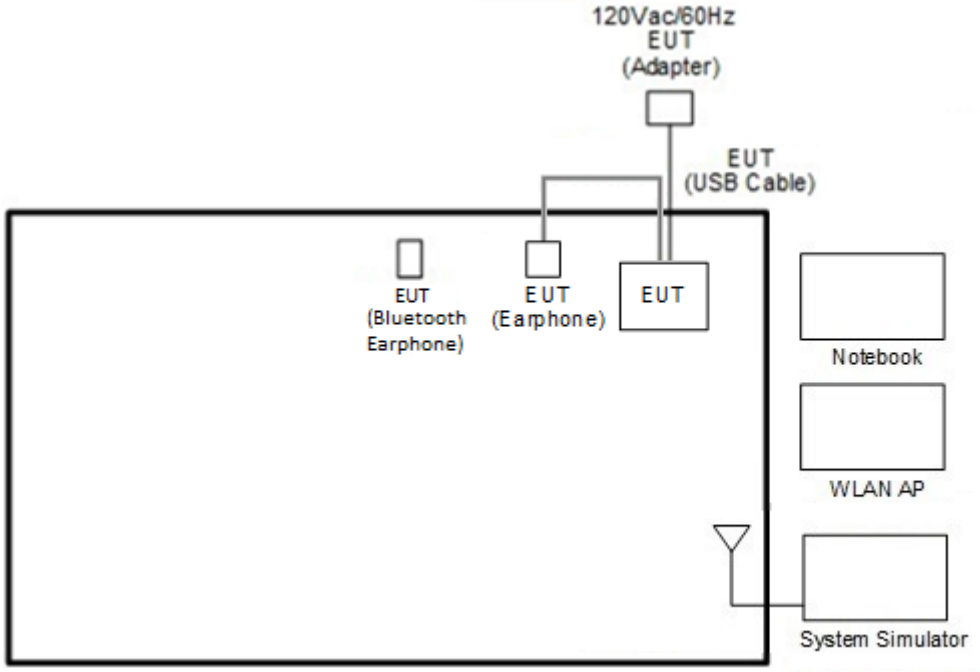
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

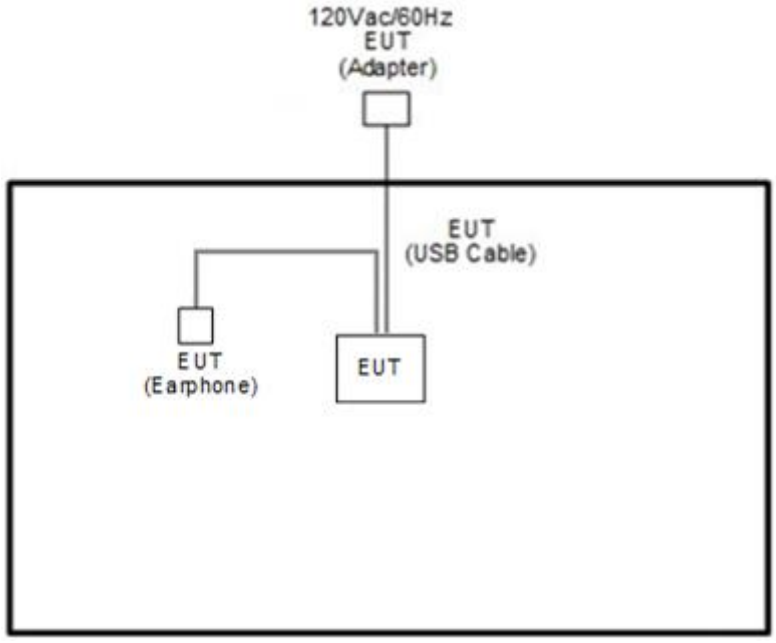
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission>



<WLAN Tx Mode >



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	8820C	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude E3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “FTMC_bridge V.0.39” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

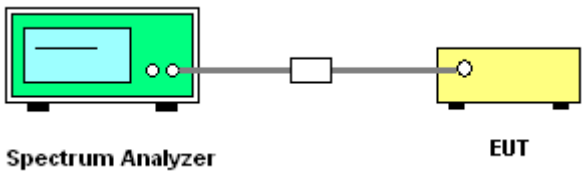
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

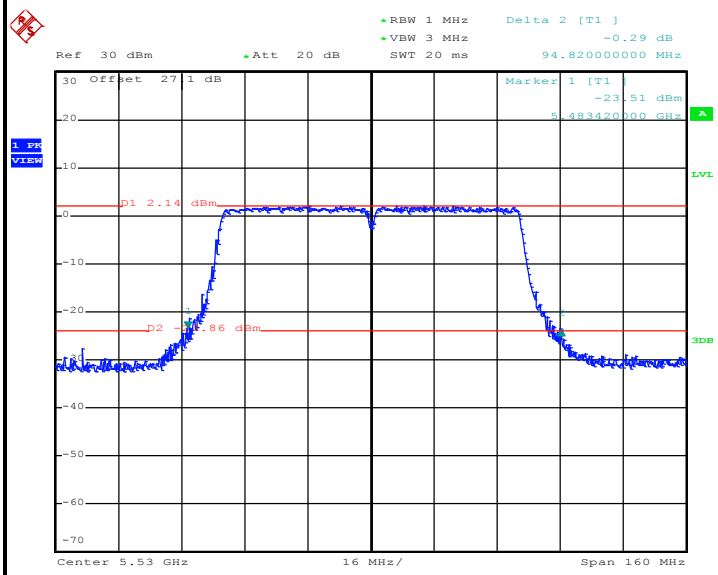
3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



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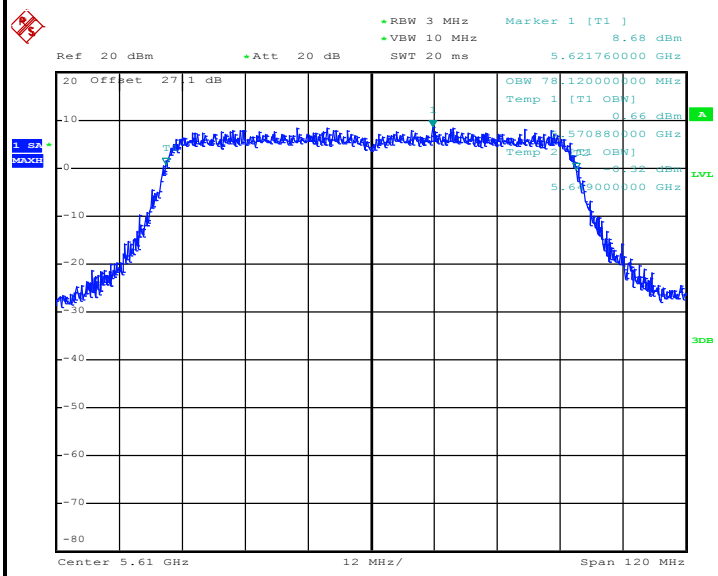
Maximum 99% Occupied Bandwidth

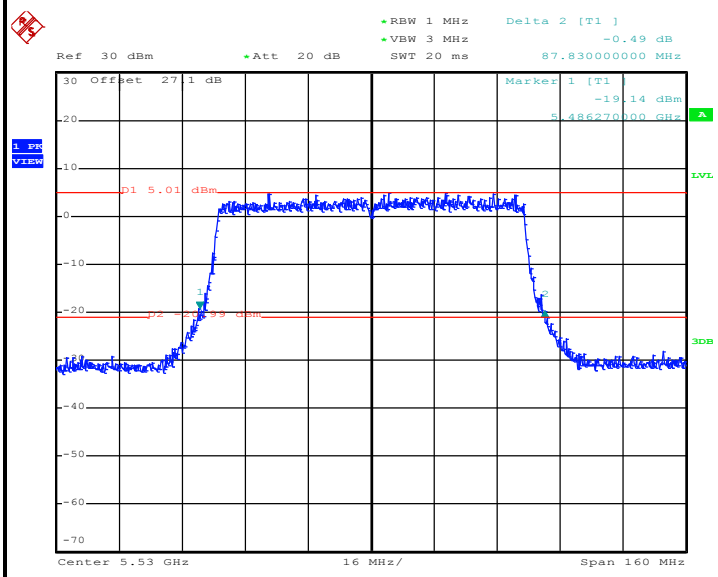


Date: 30.JUL.2020 01:06:24

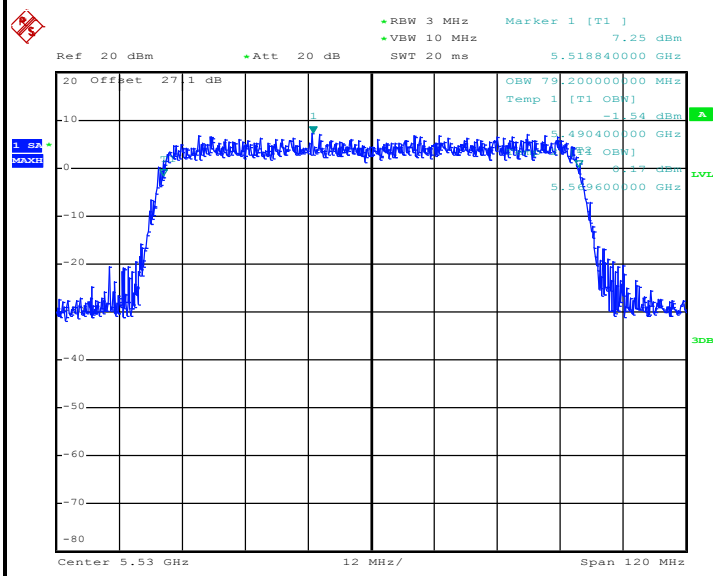
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<For Full Loaded RUs>

Maximum 26dB Bandwidth

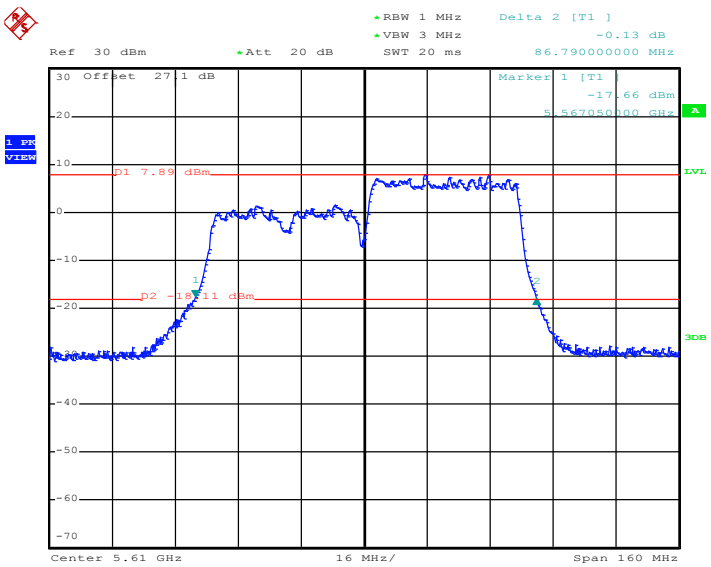


Maximum 99% Occupied Bandwidth

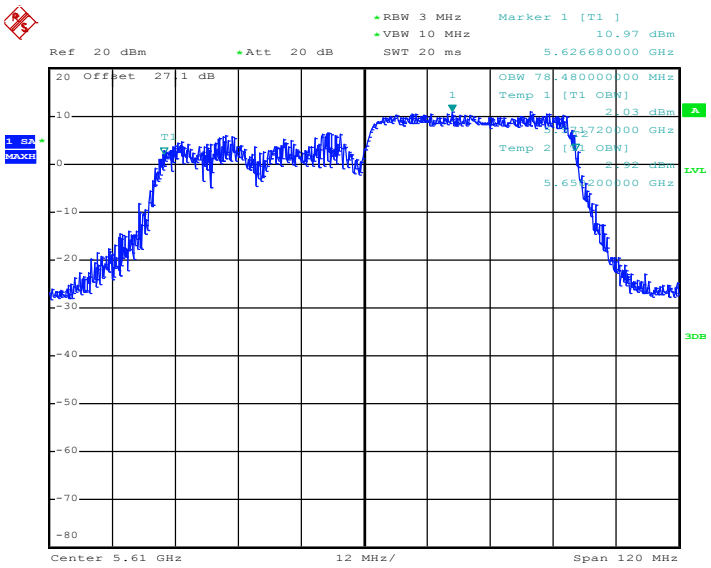


<For Partially Loaded RUs>

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

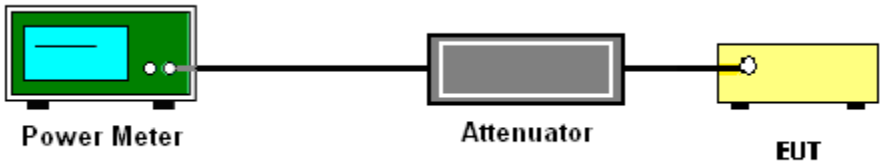
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-3 #

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

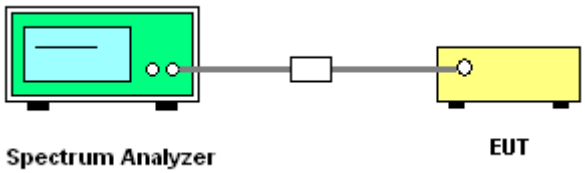
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the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

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

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

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

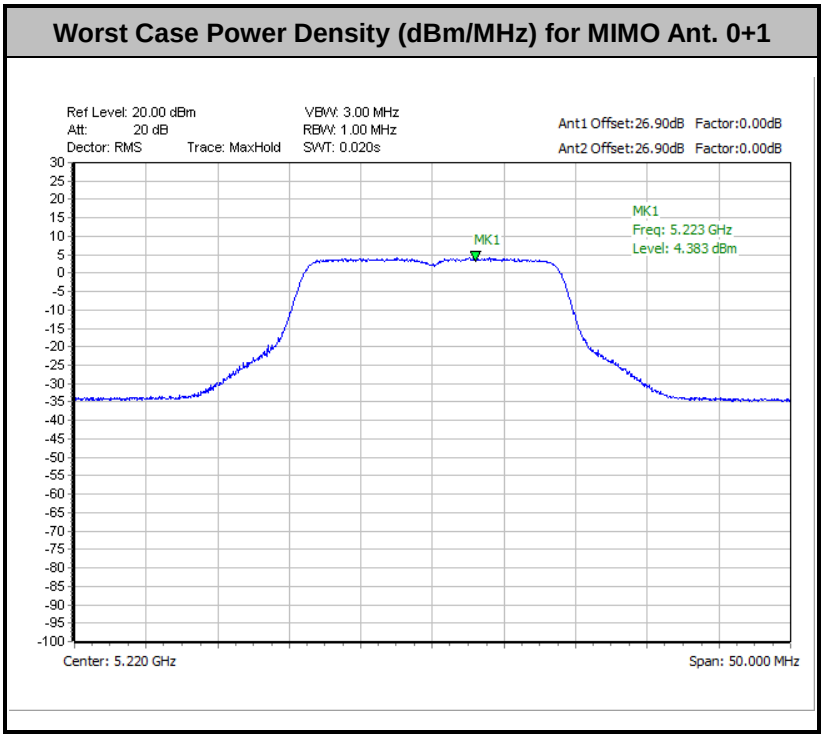
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

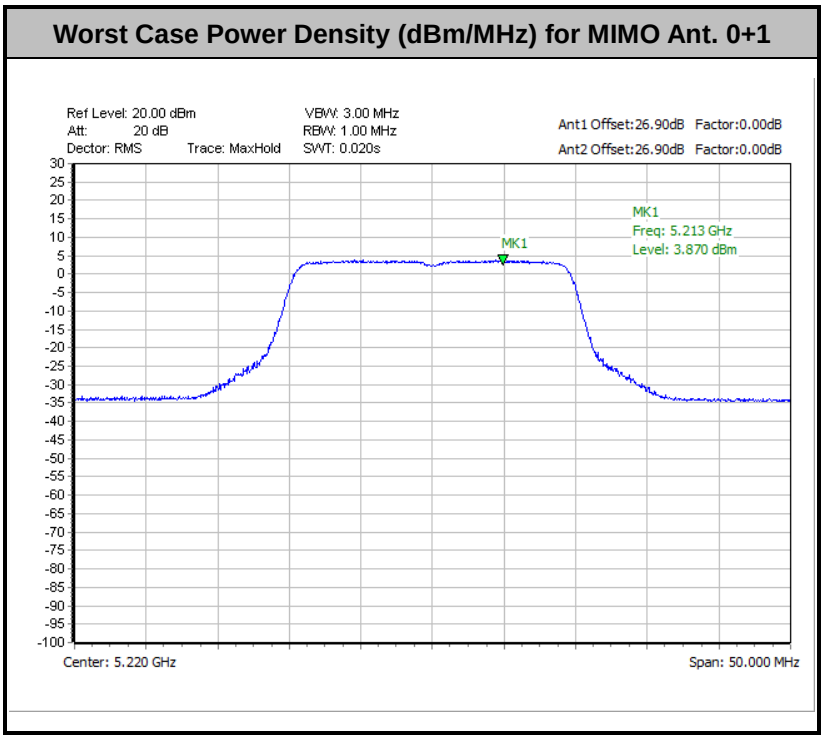
Please refer to Appendix A.

Worst Case Power Density (dBm/MHz) for MIMO Ant. 0+1



<For Full Loaded RUs>

Worst Case Power Density (dBm/MHz) for MIMO Ant. 0+1



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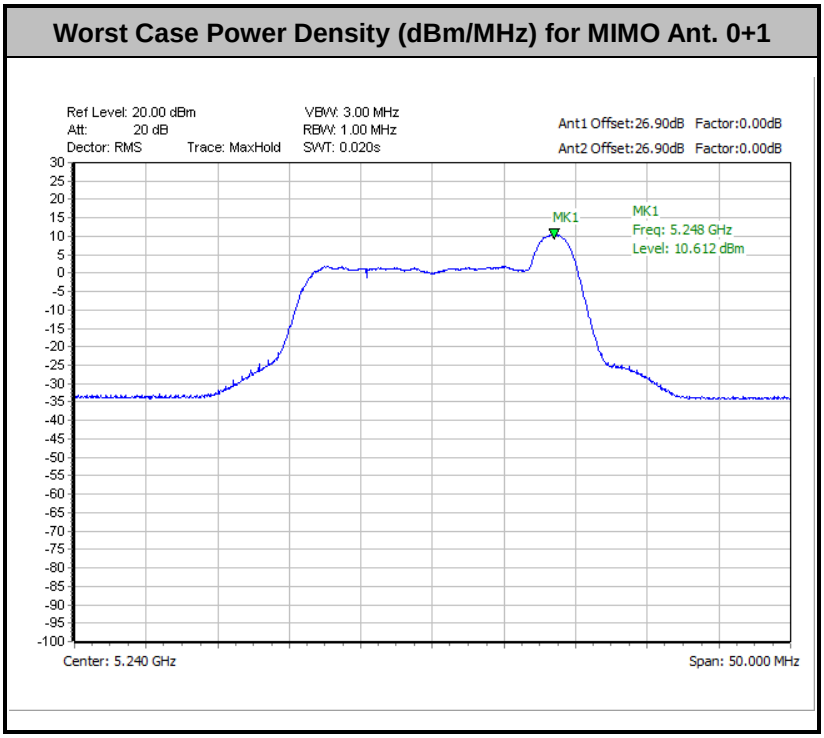
Worst Case Power Density (dBm/MHz) for MIMO Ant. 0+1



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

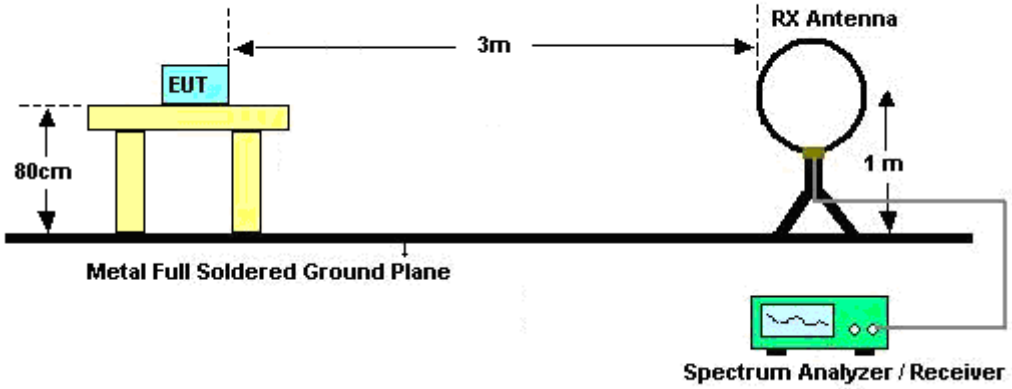
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

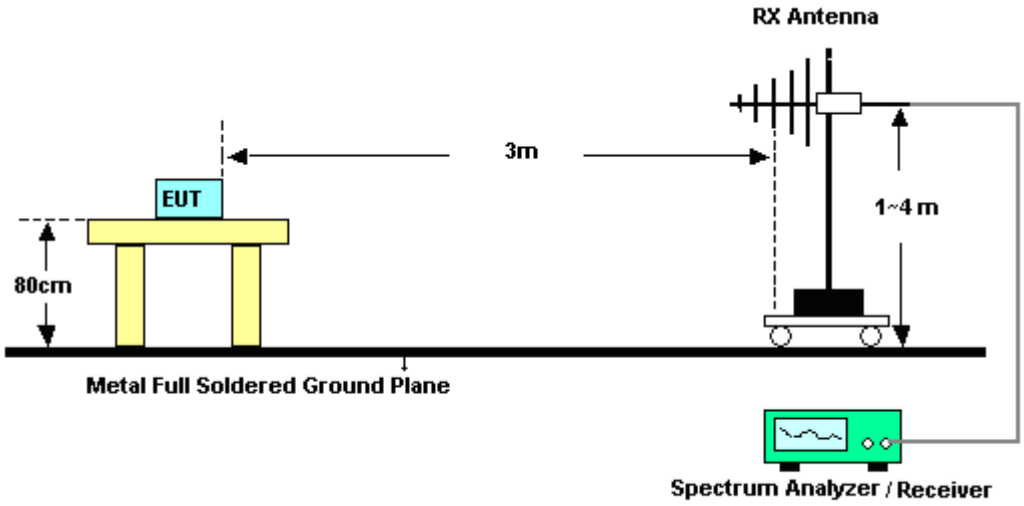
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

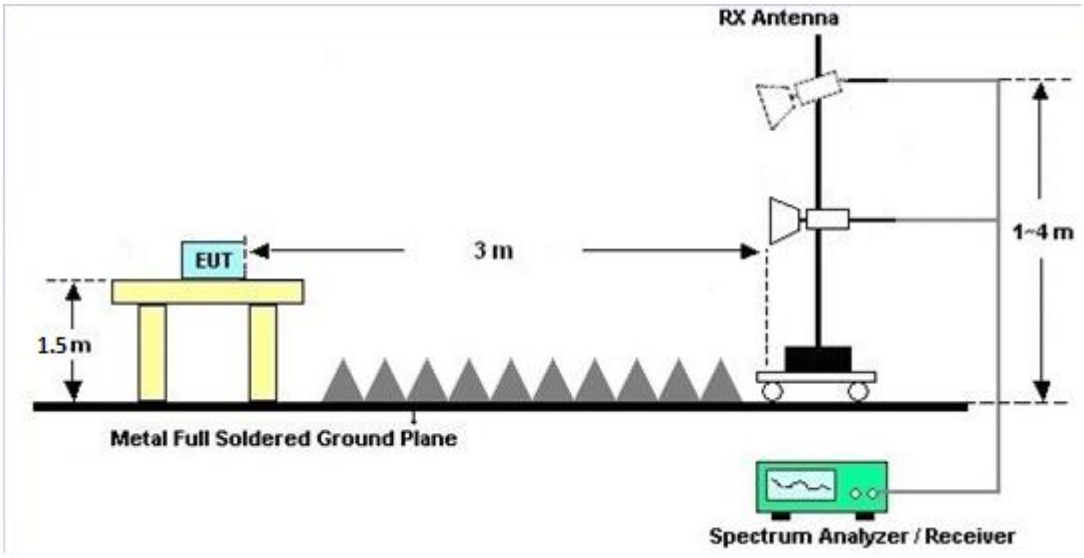
For radiated emissions below 30MHz



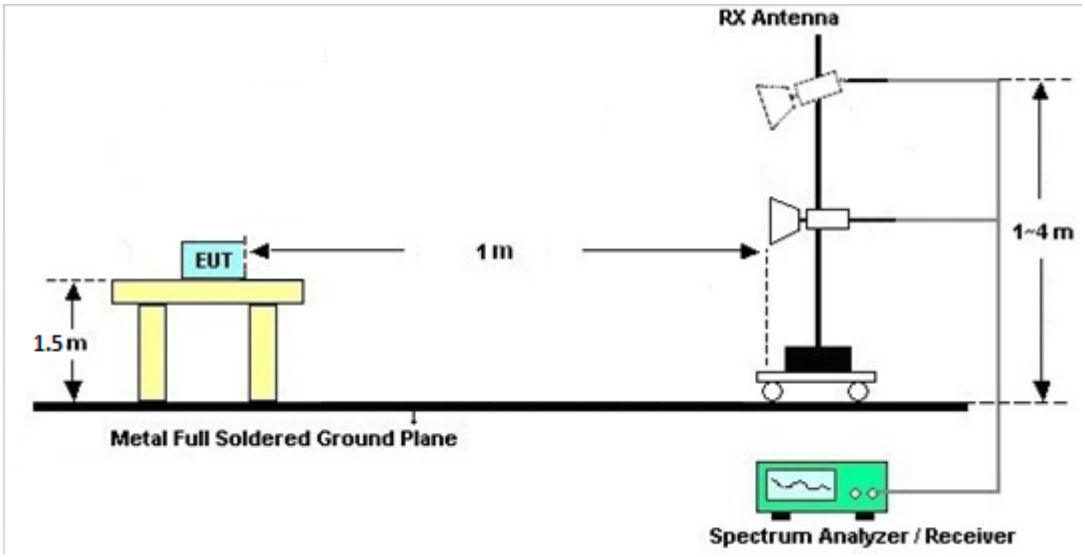
For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



For radiated emissions above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

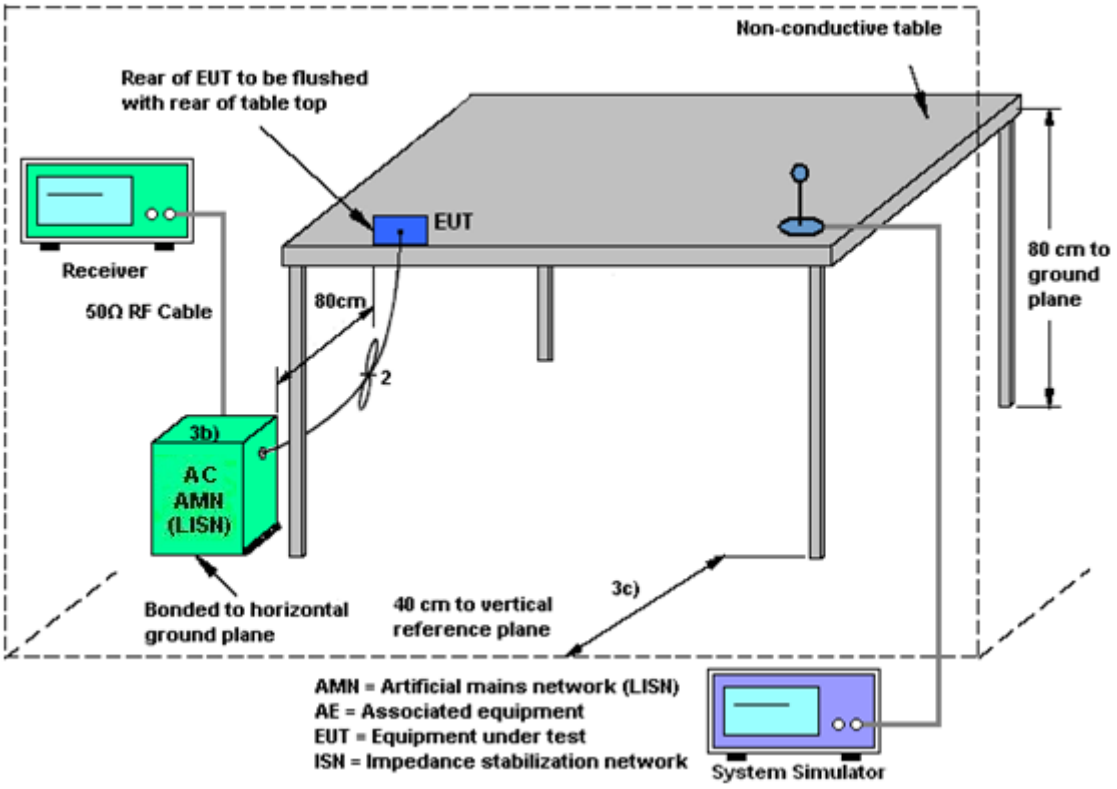
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

A. Information start: make EUT supply information to the access point.

B. Information stop: stop supplying information to the access point.

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5180MHz

Note : The control / signalling information during the period B is precluded.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

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

The EUT supports CDD mode.

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

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

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

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 0 (dBi)	Ant. 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-2.90	-3.30	-2.90	-0.09	0.00	0.00
Band II	-3.00	-2.10	-2.10	0.47	0.00	0.00
Band III	-2.40	-2.90	-2.40	0.36	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	Jul. 21, 2020~ Aug. 03, 2020	Jan. 08, 2021	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL6111D&00800N1D01N-06	41912&05	30MHz to 1GHz	Feb. 09, 2020	Jul. 21, 2020~ Aug. 03, 2020	Feb. 08, 2021	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 27, 2019	Jul. 21, 2020~ Aug. 03, 2020	Dec. 26, 2020	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1620	1-18GHz	Oct. 28, 2019	Jul. 21, 2020~ Aug. 03, 2020	Oct. 27, 2020	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 10, 2019	Jul. 21, 2020~ Aug. 03, 2020	Dec. 09, 2020	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055006	1GHz~18GHz	May 07, 2020	Jul. 21, 2020~ Aug. 03, 2020	May 06, 2021	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 23, 2019	Jul. 21, 2020~ Aug. 03, 2020	Aug. 22, 2020	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 13, 2019	Jul. 21, 2020~ Aug. 03, 2020	Dec. 12, 2020	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Nov. 01, 2019	Jul. 21, 2020~ Aug. 03, 2020	Oct. 31, 2020	Radiation (03CH15-HY
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 04, 2020	Jul. 21, 2020~ Aug. 03, 2020	May 03, 2021	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jul. 21, 2020~ Aug. 03, 2020	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jul. 21, 2020~ Aug. 03, 2020	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Jul. 21, 2020~ Aug. 03, 2020	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M-18G	Apr. 14, 2020	Jul. 21, 2020~ Aug. 03, 2020	Apr. 13, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9838/4PE	30M-18G	Apr. 14, 2020	Jul. 21, 2020~ Aug. 03, 2020	Apr. 13, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY37710/4	30M-18G	Apr. 17, 2020	Jul. 21, 2020~ Aug. 03, 2020	Apr. 16, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 25, 2020	Jul. 21, 2020~ Aug. 03, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 25, 2020	Jul. 21, 2020~ Aug. 03, 2020	Feb. 24, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN4	1.53G Low Pass	Jul. 03, 2020	Jul. 21, 2020~ Aug. 03, 2020	Jul. 02, 2021	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jul. 03, 2020	Jul. 21, 2020~ Aug. 03, 2020	Jul. 02, 2021	Radiation (03CH15-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02. 2020	Jul. 08, 2020~ Jul. 31, 2020	Mar. 01. 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 23, 2019	Jul. 08, 2020~ Jul. 31, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Dec. 30, 2019	Jul. 08, 2020~ Jul. 31, 2020	Dec. 29, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Aug. 22,2019	Jul. 08, 2020~ Jul. 31, 2020	Aug. 21,2020	Conducted (TH05-HY)
Spectrum Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Aug. 27, 2019	Jul. 10, 2020	Aug. 26, 2020	DFS (DFS02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 24, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jul. 24, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	Jul. 24, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Jul. 24, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 24, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jul. 24, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jul. 24, 2020	Jan. 01, 2021	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.4**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kathy Chen / Kai Liao	Temperature:	23.5-24.2	°C
Test Date:	2020/7/8 ~ 2020/7/31	Relative Humidity:	52.8-53.7	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	16.85	16.75	27.20	26.60	-		22.24			
11a	6Mbps	2	44	5220	16.80	16.75	26.80	27.10	-		22.24			
11a	6Mbps	2	48	5240	16.75	16.75	27.05	26.50	-		22.24			
HT20	MCS0	2	36	5180	17.95	17.85	27.75	26.70	-		22.52			
HT20	MCS0	2	44	5220	17.90	17.80	27.10	26.15	-		22.50			
HT20	MCS0	2	48	5240	17.90	17.90	27.60	26.45	-		22.53			
HT40	MCS0	2	38	5190	36.90	37.00	50.09	49.08	-		23.01			
HT40	MCS0	2	46	5230	37.10	36.80	48.86	48.09	-		23.01			
VHT80	MCS0	2	42	5210	77.88	77.64	91.76	91.92	-		23.01			

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	11.20	11.10		24.00	24.00	-2.90	-3.30		Pass
11a	6Mbps	1	44	5220	11.20	11.10		24.00	24.00	-2.90	-3.30		Pass
11a	6Mbps	1	48	5240	11.20	11.10		24.00	24.00	-2.90	-3.30		Pass
HT20	MCS0	1	36	5180	11.10	11.20		24.00	24.00	-2.90	-3.30		Pass
HT20	MCS0	1	44	5220	11.00	11.10		24.00	24.00	-2.90	-3.30		Pass
HT20	MCS0	1	48	5240	11.20	11.00		24.00	24.00	-2.90	-3.30		Pass
HT40	MCS0	1	38	5190	11.10	11.30		24.00	24.00	-2.90	-3.30		Pass
HT40	MCS0	1	46	5230	11.10	11.20		24.00	24.00	-2.90	-3.30		Pass
VHT20	MCS0	1	36	5180	11.00	11.10		24.00	24.00	-2.90	-3.30		Pass
VHT20	MCS0	1	44	5220	10.90	11.00		24.00	24.00	-2.90	-3.30		Pass
VHT20	MCS0	1	48	5240	11.10	10.90		24.00	24.00	-2.90	-3.30		Pass
VHT40	MCS0	1	38	5190	11.00	11.20		24.00	24.00	-2.90	-3.30		Pass
VHT40	MCS0	1	46	5230	11.00	11.10		24.00	24.00	-2.90	-3.30		Pass
VHT80	MCS0	1	42	5210	11.10	11.20		24.00	24.00	-2.90	-3.30		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	11.30	11.20	14.26	24.00		-2.90			Pass
11a	6Mbps	2	44	5220	11.30	11.20	14.26	24.00		-2.90			Pass
11a	6Mbps	2	48	5240	11.30	11.20	14.26	24.00		-2.90			Pass
HT20	MCS0	2	36	5180	11.20	11.30	14.26	24.00		-2.90			Pass
HT20	MCS0	2	44	5220	11.10	11.20	14.16	24.00		-2.90			Pass
HT20	MCS0	2	48	5240	11.30	11.10	14.21	24.00		-2.90			Pass
HT40	MCS0	2	38	5190	11.20	11.40	14.31	24.00		-2.90			Pass
HT40	MCS0	2	46	5230	11.20	11.30	14.26	24.00		-2.90			Pass
VHT20	MCS0	2	36	5180	11.10	11.20	14.16	24.00		-2.90			Pass
VHT20	MCS0	2	44	5220	11.00	11.10	14.06	24.00		-2.90			Pass
VHT20	MCS0	2	48	5240	11.20	11.00	14.11	24.00		-2.90			Pass
VHT40	MCS0	2	38	5190	11.10	11.30	14.21	24.00		-2.90			Pass
VHT40	MCS0	2	46	5230	11.10	11.20	14.16	24.00		-2.90			Pass
VHT80	MCS0	2	42	5210	11.20	11.30	14.26	24.00		-2.90			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180			4.19	11.00		-0.09			Pass
11a	6Mbps	2	44	5220			4.21	11.00		-0.09			Pass
11a	6Mbps	2	48	5240			3.93	11.00		-0.09			Pass
HT20	MCS0	2	36	5180			4.19	11.00		-0.09			Pass
HT20	MCS0	2	44	5220			4.38	11.00		-0.09			Pass
HT20	MCS0	2	48	5240			3.86	11.00		-0.09			Pass
HT40	MCS0	2	38	5190			1.24	11.00		-0.09			Pass
HT40	MCS0	2	46	5230			0.93	11.00		-0.09			Pass
VHT80	MCS0	2	42	5210			-2.37	11.00		-0.09			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	16.85	16.75	27.05	27.10	23.24		29.24		23.98		
11a	6Mbps	2	60	5300	16.80	16.75	27.30	27.10	23.24		29.24		23.98		
11a	6Mbps	2	64	5320	16.75	16.75	27.00	26.70	23.24		29.24		23.98		
HT20	MCS0	2	52	5260	17.90	17.85	28.10	27.10	23.52		29.52		23.98		
HT20	MCS0	2	60	5300	17.90	17.85	27.80	26.90	23.52		29.52		23.98		
HT20	MCS0	2	64	5320	17.95	17.90	28.15	27.15	23.53		29.53		23.98		
HT40	MCS0	2	54	5270	37.00	36.90	49.42	49.08	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	37.10	37.00	49.60	48.33	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	77.88	77.76	93.03	92.39	23.98		30.00		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	11.20	11.00		23.98	23.98	-3.00	-2.10	30	Pass
11a	6Mbps	1	60	5300	11.10	11.00		23.98	23.98	-3.00	-2.10	30	Pass
11a	6Mbps	1	64	5320	11.10	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HT20	MCS0	1	52	5260	11.10	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HT20	MCS0	1	60	5300	11.10	11.20		23.98	23.98	-3.00	-2.10	30	Pass
HT20	MCS0	1	64	5320	11.10	11.20		23.98	23.98	-3.00	-2.10	30	Pass
HT40	MCS0	1	54	5270	11.20	11.30		23.98	23.98	-3.00	-2.10	30	Pass
HT40	MCS0	1	62	5310	11.10	11.10		23.98	23.98	-3.00	-2.10	30	Pass
VHT20	MCS0	1	52	5260	11.00	10.90		23.98	23.98	-3.00	-2.10	30	Pass
VHT20	MCS0	1	60	5300	11.00	11.10		23.98	23.98	-3.00	-2.10	30	Pass
VHT20	MCS0	1	64	5320	11.00	11.10		23.98	23.98	-3.00	-2.10	30	Pass
VHT40	MCS0	1	54	5270	11.10	11.20		23.98	23.98	-3.00	-2.10	30	Pass
VHT40	MCS0	1	62	5310	11.00	11.00		23.98	23.98	-3.00	-2.10	30	Pass
VHT80	MCS0	1	58	5290	11.10	11.00		23.98	23.98	-3.00	-2.10	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	11.30	11.10	14.21	23.98		-2.10		30	Pass
11a	6Mbps	2	60	5300	11.40	11.40	14.41	23.98		-2.10		30	Pass
11a	6Mbps	2	64	5320	11.50	11.40	14.46	23.98		-2.10		30	Pass
HT20	MCS0	2	52	5260	11.20	11.10	14.16	23.98		-2.10		30	Pass
HT20	MCS0	2	60	5300	11.40	11.30	14.36	23.98		-2.10		30	Pass
HT20	MCS0	2	64	5320	11.40	11.30	14.36	23.98		-2.10		30	Pass
HT40	MCS0	2	54	5270	11.30	11.40	14.36	23.98		-2.10		30	Pass
HT40	MCS0	2	62	5310	11.20	11.20	14.21	23.98		-2.10		30	Pass
VHT20	MCS0	2	52	5260	11.10	11.00	14.06	23.98		-2.10		30	Pass
VHT20	MCS0	2	60	5300	11.30	11.20	14.26	23.98		-2.10		30	Pass
VHT20	MCS0	2	64	5320	11.30	11.20	14.26	23.98		-2.10		30	Pass
VHT40	MCS0	2	54	5270	11.20	11.30	14.26	23.98		-2.10		30	Pass
VHT40	MCS0	2	62	5310	11.10	11.10	14.11	23.98		-2.10		30	Pass
VHT80	MCS0	2	58	5290	11.20	11.10	14.16	23.98		-2.10		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260			3.72	11.00		0.47			Pass
11a	6Mbps	2	60	5300			3.93	11.00		0.47			Pass
11a	6Mbps	2	64	5320			4.04	11.00		0.47			Pass
HT20	MCS0	2	52	5260			3.63	11.00		0.47			Pass
HT20	MCS0	2	60	5300			4.11	11.00		0.47			Pass
HT20	MCS0	2	64	5320			4.21	11.00		0.47			Pass
HT40	MCS0	2	54	5270			0.90	11.00		0.47			Pass
HT40	MCS0	2	62	5310			0.66	11.00		0.47			Pass
VHT80	MCS0	2	58	5290			-2.70	11.00		0.47			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	16.80	16.75	26.45	26.55	23.24		29.24		23.98		----	----
11a	6Mbps	2	116	5580	16.80	16.75	26.85	26.75	23.24		29.24		23.98		----	----
11a	6Mbps	2	140	5700	16.80	16.80	27.00	26.90	23.25		29.25		23.98		----	----
HT20	MCS0	2	100	5500	17.90	17.80	28.35	27.10	23.50		29.50		23.98		----	----
HT20	MCS0	2	116	5580	18.00	17.85	27.60	26.65	23.52		29.52		23.98		----	----
HT20	MCS0	2	140	5700	17.90	17.90	27.50	26.90	23.53		29.53		23.98		----	----
HT40	MCS0	2	102	5510	36.90	37.00	48.81	48.62	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	37.00	36.90	49.24	48.69	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	37.10	36.90	49.93	48.25	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	77.88	77.52	94.82	90.88	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	78.12	77.88	94.55	90.78	23.98		30.00		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	144	5720	13.45	13.40	18.15	18.30	22.27		28.27		23.59		3.05	3.15
HT20	MCS0	2	144	5720	14.00	13.95	18.90	18.50	22.45		28.45		23.67		3.75	3.75
HT40	MCS0	2	142	5710	33.70	33.50	39.84	39.40	23.98		30.00		23.98		3.18	3.18
VHT80	MCS0	2	138	5690	74.12	74.12	81.32	80.76	23.98		30.00		23.98		2.92	3.24

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	11.30	11.10		23.98	23.98	-2.40	-2.90	30	Pass
11a	6Mbps	1	116	5580	11.20	11.20		23.98	23.98	-2.40	-2.90	30	Pass
11a	6Mbps	1	140	5700	11.20	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HT20	MCS0	1	100	5500	11.30	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HT20	MCS0	1	116	5580	11.20	11.20		23.98	23.98	-2.40	-2.90	30	Pass
HT20	MCS0	1	140	5700	11.30	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HT40	MCS0	1	102	5510	11.30	11.20		23.98	23.98	-2.40	-2.90	30	Pass
HT40	MCS0	1	110	5550	11.30	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HT40	MCS0	1	134	5670	11.20	11.10		23.98	23.98	-2.40	-2.90	30	Pass
VHT20	MCS0	1	100	5500	11.20	11.00		23.98	23.98	-2.40	-2.90	30	Pass
VHT20	MCS0	1	116	5580	11.10	11.10		23.98	23.98	-2.40	-2.90	30	Pass
VHT20	MCS0	1	140	5700	11.20	11.00		23.98	23.98	-2.40	-2.90	30	Pass
VHT40	MCS0	1	102	5510	11.20	11.10		23.98	23.98	-2.40	-2.90	30	Pass
VHT40	MCS0	1	110	5550	11.20	11.20		23.98	23.98	-2.40	-2.90	30	Pass
VHT40	MCS0	1	134	5670	11.10	11.00		23.98	23.98	-2.40	-2.90	30	Pass
VHT80	MCS0	1	106	5530	11.30	11.30		23.98	23.98	-2.40	-2.90	30	Pass
VHT80	MCS0	1	122	5610	11.30	11.10		23.98	23.98	-2.40	-2.90	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	11.40	11.20	14.31	23.98		-2.40		30	Pass
11a	6Mbps	2	116	5580	11.50	11.30	14.41	23.98		-2.40		30	Pass
11a	6Mbps	2	140	5700	11.50	11.40	14.46	23.98		-2.40		30	Pass
HT20	MCS0	2	100	5500	11.40	11.20	14.31	23.98		-2.40		30	Pass
HT20	MCS0	2	116	5580	11.40	11.30	14.36	23.98		-2.40		30	Pass
HT20	MCS0	2	140	5700	11.40	11.20	14.31	23.98		-2.40		30	Pass
HT40	MCS0	2	102	5510	11.40	11.30	14.36	23.98		-2.40		30	Pass
HT40	MCS0	2	110	5550	11.40	11.40	14.41	23.98		-2.40		30	Pass
HT40	MCS0	2	134	5670	11.30	11.20	14.26	23.98		-2.40		30	Pass
VHT20	MCS0	2	100	5500	11.30	11.10	14.21	23.98		-2.40		30	Pass
VHT20	MCS0	2	116	5580	11.30	11.20	14.26	23.98		-2.40		30	Pass
VHT20	MCS0	2	140	5700	11.30	11.10	14.21	23.98		-2.40		30	Pass
VHT40	MCS0	2	102	5510	11.30	11.20	14.26	23.98		-2.40		30	Pass
VHT40	MCS0	2	110	5550	11.30	11.30	14.31	23.98		-2.40		30	Pass
VHT40	MCS0	2	134	5670	11.20	11.10	14.16	23.98		-2.40		30	Pass
VHT80	MCS0	2	106	5530	11.40	11.40	14.41	23.98		-2.40		30	Pass
VHT80	MCS0	2	122	5610	11.40	11.20	14.31	23.98		-2.40		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	144	5720	11.20	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HT20	MCS0	1	144	5720	11.20	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HT40	MCS0	1	142	5710	11.30	11.10		23.98	23.98	-2.40	-2.90	30	Pass
VHT20	MCS0	1	144	5720	11.10	11.00		23.98	23.98	-2.40	-2.90	30	Pass
VHT40	MCS0	1	142	5710	11.20	11.00		23.98	23.98	-2.40	-2.90	30	Pass
VHT80	MCS0	1	138	5690	11.10	11.10		23.98	23.98	-2.40	-2.90	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	11.50	11.40	14.46	23.59		-2.40		30	Pass
HT20	MCS0	2	144	5720	11.40	11.20	14.31	23.67		-2.40		30	Pass
HT40	MCS0	2	142	5710	11.40	11.20	14.31	23.98		-2.40		30	Pass
VHT20	MCS0	2	144	5720	11.30	11.10	14.21	23.98		-2.40		30	Pass
VHT40	MCS0	2	142	5710	11.30	11.10	14.21	23.98		-2.40		30	Pass
VHT80	MCS0	2	138	5690	11.20	11.20	14.21	23.98		-2.40		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500			3.70	11.00		0.36			Pass
11a	6Mbps	2	116	5580			4.02	11.00		0.36			Pass
11a	6Mbps	2	140	5700			3.87	11.00		0.36			Pass
HT20	MCS0	2	100	5500			3.59	11.00		0.36			Pass
HT20	MCS0	2	116	5580			4.32	11.00		0.36			Pass
HT20	MCS0	2	140	5700			3.74	11.00		0.36			Pass
HT40	MCS0	2	102	5510			1.20	11.00		0.36			Pass
HT40	MCS0	2	110	5550			1.23	11.00		0.36			Pass
HT40	MCS0	2	134	5670			0.98	11.00		0.36			Pass
VHT80	MCS0	2	106	5530			-2.27	11.00		0.36			Pass
VHT80	MCS0	2	122	5610			-2.34	11.00		0.36			Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720			3.67	11.00		0.36			Pass
HT20	MCS0	2	144	5720			3.84	11.00		0.36			Pass
HT40	MCS0	2	142	5710			0.80	11.00		0.36			Pass
VHT80	MCS0	2	138	5690			-2.45	11.00		0.36			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	19.10	19.10	25.83	26.65	-		22.81			
HE20	MCS0	2	36	5180	26/0	18.50	18.45	22.35	21.70	-		22.66			
HE20	MCS0	2	36	5180	52/37	18.40	18.35	22.75	22.10	-		22.64			
HE20	MCS0	2	36	5180	106/53	18.30	18.25	24.40	23.90	-		22.61			
HE20	MCS0	2	44	5220	Full	19.10	19.15	26.05	25.90	-		22.81			
HE20	MCS0	2	48	5240	Full	19.10	19.15	25.65	26.40	-		22.81			
HE20	MCS0	2	48	5240	26/8	18.50	18.45	21.60	21.10	-		22.66			
HE20	MCS0	2	48	5240	52/40	18.35	18.20	23.20	22.75	-		22.60			
HE20	MCS0	2	48	5240	106/54	18.25	18.30	24.10	23.75	-		22.61			
HE40	MCS0	2	38	5190	Full	38.30	38.30	46.45	45.80	-		23.01			
HE40	MCS0	2	38	5190	242/61	37.90	37.60	44.10	43.42	-		23.01			
HE40	MCS0	2	46	5230	Full	38.40	38.50	46.19	45.27	-		23.01			
HE40	MCS0	2	46	5230	242/62	37.50	37.50	44.53	43.74	-		23.01			
HE80	MCS0	2	42	5210	Full	78.96	79.08	88.28	86.64	-		23.01			
HE80	MCS0	2	42	5210	484/65	78.00	78.00	84.80	83.20	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	36	5180	Full	11.10	11.20		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	36	5180	26/0	8.50	8.50		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	36	5180	52/37	11.10	11.20		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	36	5180	106/53	11.10	11.20		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	44	5220	Full	11.10	11.20		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	48	5240	Full	11.30	11.10		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	48	5240	26/8	8.50	8.50		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	48	5240	52/40	11.20	11.20		24.00	24.00	-2.90	-3.30		Pass
HE20	MCS0	1	48	5240	106/54	11.10	11.30		24.00	24.00	-2.90	-3.30		Pass
HE40	MCS0	1	38	5190	Full	11.20	11.00		24.00	24.00	-2.90	-3.30		Pass
HE40	MCS0	1	38	5190	242/61	11.20	11.20		24.00	24.00	-2.90	-3.30		Pass
HE40	MCS0	1	46	5230	Full	11.30	11.00		24.00	24.00	-2.90	-3.30		Pass
HE40	MCS0	1	46	5230	242/62	11.10	11.10		24.00	24.00	-2.90	-3.30		Pass
HE80	MCS0	1	42	5210	Full	11.10	11.10		24.00	24.00	-2.90	-3.30		Pass
HE80	MCS0	1	42	5210	484/65	11.30	11.00		24.00	24.00	-2.90	-3.30		Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	11.20	11.30	14.26	24.00		-2.90			Pass
HE20	MCS0	2	36	5180	26/0	8.60	8.60	11.61	24.00		-2.90			Pass
HE20	MCS0	2	36	5180	52/37	11.50	11.30	14.41	24.00		-2.90			Pass
HE20	MCS0	2	36	5180	106/53	11.20	11.40	14.31	24.00		-2.90			Pass
HE20	MCS0	2	44	5220	Full	11.20	11.30	14.26	24.00		-2.90			Pass
HE20	MCS0	2	48	5240	Full	11.40	11.20	14.31	24.00		-2.90			Pass
HE20	MCS0	2	48	5240	26/8	8.60	8.60	11.61	24.00		-2.90			Pass
HE20	MCS0	2	48	5240	52/40	11.50	11.30	14.41	24.00		-2.90			Pass
HE20	MCS0	2	48	5240	106/54	11.20	11.40	14.31	24.00		-2.90			Pass
HE40	MCS0	2	38	5190	Full	11.30	11.10	14.21	24.00		-2.90			Pass
HE40	MCS0	2	38	5190	242/61	11.30	11.30	14.31	24.00		-2.90			Pass
HE40	MCS0	2	46	5230	Full	11.40	11.40	14.41	24.00		-2.90			Pass
HE40	MCS0	2	46	5230	242/62	11.20	11.20	14.21	24.00		-2.90			Pass
HE80	MCS0	2	42	5210	Full	11.20	11.20	14.21	24.00		-2.90			Pass
HE80	MCS0	2	42	5210	484/65	11.40	11.10	14.26	24.00		-2.90			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	36	5180	Full			3.87	11.00		-0.09		Pass
HE20	MCS0	2	36	5180	26/0			10.34	11.00		-0.09		Pass
HE20	MCS0	2	36	5180	52/37			10.36	11.00		-0.09		Pass
HE20	MCS0	2	36	5180	106/53			7.06	11.00		-0.09		Pass
HE20	MCS0	2	44	5220	Full			3.87	11.00		-0.09		Pass
HE20	MCS0	2	48	5240	Full			3.77	11.00		-0.09		Pass
HE20	MCS0	2	48	5240	26/8			10.61	11.00		-0.09		Pass
HE20	MCS0	2	48	5240	52/40			10.14	11.00		-0.09		Pass
HE20	MCS0	2	48	5240	106/54			7.06	11.00		-0.09		Pass
HE40	MCS0	2	38	5190	Full			0.73	11.00		-0.09		Pass
HE40	MCS0	2	38	5190	242/61			3.61	11.00		-0.09		Pass
HE40	MCS0	2	46	5230	Full			1.02	11.00		-0.09		Pass
HE40	MCS0	2	46	5230	242/62			4.07	11.00		-0.09		Pass
HE80	MCS0	2	42	5210	Full			-2.41	11.00		-0.09		Pass
HE80	MCS0	2	42	5210	484/65			1.01	11.00		-0.09		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	52	5260	Full	19.10	19.15	26.40	25.80	23.81		29.81		23.98		
HE20	MCS0	2	52	5260	26/0	18.55	18.50	22.15	21.65	23.67		29.67		23.98		
HE20	MCS0	2	52	5260	52/37	18.40	18.35	22.70	22.05	23.64		29.64		23.98		
HE20	MCS0	2	52	5260	106/53	18.40	18.25	24.35	24.05	23.61		29.61		23.98		
HE20	MCS0	2	60	5300	Full	19.10	19.10	26.25	25.40	23.81		29.81		23.98		
HE20	MCS0	2	64	5320	Full	19.10	19.10	25.45	26.40	23.81		29.81		23.98		
HE20	MCS0	2	64	5320	26/8	18.50	18.40	21.55	21.10	23.65		29.65		23.98		
HE20	MCS0	2	64	5320	52/40	18.35	18.30	25.00	23.00	23.62		29.62		23.98		
HE20	MCS0	2	64	5320	106/54	18.25	18.25	24.10	23.95	23.61		29.61		23.98		
HE40	MCS0	2	54	5270	Full	38.50	38.40	46.92	46.62	23.98		30.00		23.98		
HE40	MCS0	2	54	5270	242/61	37.80	37.70	44.17	43.56	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	38.30	38.30	46.52	45.07	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	242/62	37.90	37.70	44.74	43.48	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	79.08	79.20	88.11	87.59	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	484/66	78.00	78.12	86.32	86.31	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	52	5260	Full	11.20	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	52	5260	26/0	8.60	8.50		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	52	5260	52/37	11.20	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	52	5260	106/53	11.20	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	60	5300	Full	11.10	11.30		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	64	5320	Full	11.20	11.30		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	64	5320	26/8	8.50	8.60		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	64	5320	52/40	11.00	11.30		23.98	23.98	-3.00	-2.10	30	Pass
HE20	MCS0	1	64	5320	106/54	11.10	11.20		23.98	23.98	-3.00	-2.10	30	Pass
HE40	MCS0	1	54	5270	Full	11.30	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HE40	MCS0	1	54	5270	242/61	11.30	10.90		23.98	23.98	-3.00	-2.10	30	Pass
HE40	MCS0	1	62	5310	Full	11.20	11.20		23.98	23.98	-3.00	-2.10	30	Pass
HE40	MCS0	1	62	5310	242/62	11.00	11.00		23.98	23.98	-3.00	-2.10	30	Pass
HE80	MCS0	1	58	5290	Full	11.00	11.20		23.98	23.98	-3.00	-2.10	30	Pass
HE80	MCS0	1	58	5290	484/66	11.00	11.20		23.98	23.98	-3.00	-2.10	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	11.30	11.10	14.21	23.98		-2.10		30	Pass
HE20	MCS0	2	52	5260	26/0	8.70	8.60	11.66	23.98		-2.10		30	Pass
HE20	MCS0	2	52	5260	52/37	11.50	11.40	14.46	23.98		-2.10		30	Pass
HE20	MCS0	2	52	5260	106/53	11.30	11.40	14.36	23.98		-2.10		30	Pass
HE20	MCS0	2	60	5300	Full	11.20	11.40	14.31	23.98		-2.10		30	Pass
HE20	MCS0	2	64	5320	Full	11.30	11.40	14.36	23.98		-2.10		30	Pass
HE20	MCS0	2	64	5320	26/8	8.60	8.70	11.66	23.98		-2.10		30	Pass
HE20	MCS0	2	64	5320	52/40	11.40	11.50	14.46	23.98		-2.10		30	Pass
HE20	MCS0	2	64	5320	106/54	11.40	11.50	14.46	23.98		-2.10		30	Pass
HE40	MCS0	2	54	5270	Full	11.40	11.50	14.46	23.98		-2.10		30	Pass
HE40	MCS0	2	54	5270	242/61	11.50	11.00	14.27	23.98		-2.10		30	Pass
HE40	MCS0	2	62	5310	Full	11.30	11.30	14.31	23.98		-2.10		30	Pass
HE40	MCS0	2	62	5310	242/62	11.10	11.50	14.31	23.98		-2.10		30	Pass
HE80	MCS0	2	58	5290	Full	11.10	11.30	14.21	23.98		-2.10		30	Pass
HE80	MCS0	2	58	5290	484/66	11.10	11.30	14.21	23.98		-2.10		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	52	5260	Full			3.60	11.00		0.47		Pass
HE20	MCS0	2	52	5260	26/0			10.42	11.00		0.47		Pass
HE20	MCS0	2	52	5260	52/37			10.13	11.00		0.47		Pass
HE20	MCS0	2	52	5260	106/53			7.18	11.00		0.47		Pass
HE20	MCS0	2	60	5300	Full			3.67	11.00		0.47		Pass
HE20	MCS0	2	64	5320	Full			3.85	11.00		0.47		Pass
HE20	MCS0	2	64	5320	26/8			10.02	11.00		0.47		Pass
HE20	MCS0	2	64	5320	52/40			10.14	11.00		0.47		Pass
HE20	MCS0	2	64	5320	106/54			7.27	11.00		0.47		Pass
HE40	MCS0	2	54	5270	Full			0.76	11.00		0.47		Pass
HE40	MCS0	2	54	5270	242/61			3.48	11.00		0.47		Pass
HE40	MCS0	2	62	5310	Full			0.38	11.00		0.47		Pass
HE40	MCS0	2	62	5310	242/62			3.60	11.00		0.47		Pass
HE80	MCS0	2	58	5290	Full			-2.68	11.00		0.47		Pass
HE80	MCS0	2	58	5290	484/66			0.47	11.00		0.47		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	100	5500	Full	19.15	19.10	26.90	27.10	23.81		29.81		23.98		----	----
HE20	MCS0	2	100	5500	26/0	18.45	18.45	22.05	21.75	23.66		29.66		23.98		----	----
HE20	MCS0	2	100	5500	52/37	18.35	18.35	23.15	22.10	23.64		29.64		23.98		----	----
HE20	MCS0	2	100	5500	106/53	18.30	18.30	24.65	23.90	23.62		29.62		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.10	19.15	25.85	25.70	23.81		29.81		23.98		----	----
HE20	MCS0	2	140	5700	Full	19.10	19.10	26.00	26.25	23.81		29.81		23.98		----	----
HE20	MCS0	2	140	5700	26/8	18.50	18.35	21.60	21.10	23.64		29.64		23.98		----	----
HE20	MCS0	2	140	5700	52/40	18.35	18.25	23.90	22.95	23.61		29.61		23.98		----	----
HE20	MCS0	2	140	5700	106/54	18.30	18.30	24.10	24.10	23.62		29.62		23.98		----	----
HE40	MCS0	2	102	5510	Full	38.40	38.40	45.18	46.44	23.98		30.00		23.98		----	----
HE40	MCS0	2	102	5510	242/61	37.60	37.70	44.53	43.74	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.40	38.40	46.44	47.16	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	38.40	38.40	45.58	47.09	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	242/62	37.60	37.60	44.10	43.61	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	79.08	79.20	87.69	87.83	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	484/65	77.88	78.12	84.80	83.84	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	79.08	79.08	87.16	86.94	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	484/66	78.48	78.12	86.79	86.51	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	144	5720	Full	14.65	14.60	18.00	18.20	22.64		28.64		23.55		4.45	4.45
HE20	MCS0	2	144	5720	26/8	13.60	13.55	15.05	14.50	22.32		28.32		22.61		4.45	4.45
HE20	MCS0	2	144	5720	52/40	13.70	13.60	16.00	15.30	22.34		28.34		22.85		4.45	4.45
HE20	MCS0	2	144	5720	106/54	13.60	13.65	16.30	16.05	22.34		28.34		23.05		4.55	4.6
HE40	MCS0	2	142	5710	Full	34.20	34.20	39.39	38.40	23.98		30.00		23.98		3.98	4.17
HE40	MCS0	2	142	5710	242/62	33.40	33.30	36.55	36.06	23.98		30.00		23.98		3.99	3.99
HE80	MCS0	2	138	5690	Full	74.72	74.60	80.12	78.88	23.98		30.00		23.98		3.88	3.88
HE80	MCS0	2	138	5690	484/66	73.04	73.28	77.88	77.72	23.98		30.00		23.98		4.04	3.88

TEST RESULTS DATA
Average Power Table

FCC Band III single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	100	5500	Full	11.30	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	100	5500	26/0	8.70	8.50		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	100	5500	52/37	11.20	11.00		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	100	5500	106/53	11.20	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	116	5580	Full	11.10	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	140	5700	Full	11.10	11.20		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	140	5700	26/8	8.50	8.60		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	140	5700	52/40	11.00	11.20		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	140	5700	106/54	11.00	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	102	5510	Full	11.00	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	102	5510	242/61	9.60	9.00		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	110	5550	Full	11.00	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	134	5670	Full	11.30	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	134	5670	242/62	11.20	11.20		23.98	23.98	-2.40	-2.90	30	Pass
HE80	MCS0	1	106	5530	Full	11.30	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE80	MCS0	1	106	5530	484/65	10.50	10.00		23.98	23.98	-2.40	-2.90	30	Pass
HE80	MCS0	1	122	5610	Full	11.00	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE80	MCS0	1	122	5610	484/66	11.30	11.20		23.98	23.98	-2.40	-2.90	30	Pass

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	11.40	11.20	14.31	23.98		-2.40		30	Pass
HE20	MCS0	2	100	5500	26/0	8.80	8.80	11.81	23.98		-2.40		30	Pass
HE20	MCS0	2	100	5500	52/37	11.30	11.40	14.36	23.98		-2.40		30	Pass
HE20	MCS0	2	100	5500	106/53	11.30	11.20	14.26	23.98		-2.40		30	Pass
HE20	MCS0	2	116	5580	Full	11.20	11.40	14.31	23.98		-2.40		30	Pass
HE20	MCS0	2	140	5700	Full	11.20	11.30	14.26	23.98		-2.40		30	Pass
HE20	MCS0	2	140	5700	26/8	8.90	8.90	11.91	23.98		-2.40		30	Pass
HE20	MCS0	2	140	5700	52/40	11.40	11.30	14.36	23.98		-2.40		30	Pass
HE20	MCS0	2	140	5700	106/54	11.50	11.40	14.46	23.98		-2.40		30	Pass
HE40	MCS0	2	102	5510	Full	11.10	11.50	14.31	23.98		-2.40		30	Pass
HE40	MCS0	2	102	5510	242/61	9.70	9.40	12.56	23.98		-2.40		30	Pass
HE40	MCS0	2	110	5550	Full	11.10	11.30	14.21	23.98		-2.40		30	Pass
HE40	MCS0	2	134	5670	Full	11.40	11.50	14.46	23.98		-2.40		30	Pass
HE40	MCS0	2	134	5670	242/62	11.30	11.30	14.31	23.98		-2.40		30	Pass
HE80	MCS0	2	106	5530	Full	11.40	11.50	14.46	23.98		-2.40		30	Pass
HE80	MCS0	2	106	5530	484/65	10.80	10.50	13.66	23.98		-2.40		30	Pass
HE80	MCS0	2	122	5610	Full	11.40	11.20	14.31	23.98		-2.40		30	Pass
HE80	MCS0	2	122	5610	484/66	11.40	11.50	14.46	23.98		-2.40		30	Pass

FCC Band III straddle channel single antenna														
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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	1	144	5720	Full	11.10	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	144	5720	26/8	8.50	8.70		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	144	5720	52/40	11.30	11.30		23.98	23.98	-2.40	-2.90	30	Pass
HE20	MCS0	1	144	5720	106/54	11.00	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	142	5710	Full	11.10	11.20		23.98	23.98	-2.40	-2.90	30	Pass
HE40	MCS0	1	142	5710	242/62	11.20	11.10		23.98	23.98	-2.40	-2.90	30	Pass
HE80	MCS0	1	138	5690	Full	11.10	11.00		23.98	23.98	-2.40	-2.90	30	Pass
HE80	MCS0	1	138	5690	484/66	11.10	11.20		23.98	23.98	-2.40	-2.90	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	11.20	11.40	14.31	23.55		-2.40		30	Pass
HE20	MCS0	2	144	5720	26/8	8.80	8.80	11.81	22.61		-2.40		30	Pass
HE20	MCS0	2	144	5720	52/40	11.40	11.50	14.46	22.85		-2.40		30	Pass
HE20	MCS0	2	144	5720	106/54	11.40	11.50	14.46	23.05		-2.40		30	Pass
HE40	MCS0	2	142	5710	Full	11.50	11.30	14.41	23.98		-2.40		30	Pass
HE40	MCS0	2	142	5710	242/62	11.30	11.20	14.26	23.98		-2.40		30	Pass
HE80	MCS0	2	138	5690	Full	11.20	11.40	14.31	23.98		-2.40		30	Pass
HE80	MCS0	2	138	5690	484/66	11.50	11.30	14.41	23.98		-2.40		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	100	5500	Full			3.73	11.00		0.36		Pass
HE20	MCS0	2	100	5500	26/0			10.05	11.00		0.36		Pass
HE20	MCS0	2	100	5500	52/37			9.48	11.00		0.36		Pass
HE20	MCS0	2	100	5500	106/53			6.70	11.00		0.36		Pass
HE20	MCS0	2	116	5580	Full			3.75	11.00		0.36		Pass
HE20	MCS0	2	140	5700	Full			3.60	11.00		0.36		Pass
HE20	MCS0	2	140	5700	26/8			10.16	11.00		0.36		Pass
HE20	MCS0	2	140	5700	52/40			10.01	11.00		0.36		Pass
HE20	MCS0	2	140	5700	106/54			7.11	11.00		0.36		Pass
HE40	MCS0	2	102	5510	Full			0.47	11.00		0.36		Pass
HE40	MCS0	2	102	5510	242/61			1.59	11.00		0.36		Pass
HE40	MCS0	2	110	5550	Full			0.95	11.00		0.36		Pass
HE40	MCS0	2	134	5670	Full			0.71	11.00		0.36		Pass
HE40	MCS0	2	134	5670	242/62			3.48	11.00		0.36		Pass
HE80	MCS0	2	106	5530	Full			-2.01	11.00		0.36		Pass
HE80	MCS0	2	106	5530	484/65			0.14	11.00		0.36		Pass
HE80	MCS0	2	122	5610	Full			-2.20	11.00		0.36		Pass
HE80	MCS0	2	122	5610	484/66			0.89	11.00		0.36		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	144	5720	Full			3.54	11.00		0.36		Pass
HE20	MCS0	2	144	5720	26/8			9.91	11.00		0.36		Pass
HE20	MCS0	2	144	5720	52/40			9.83	11.00		0.36		Pass
HE20	MCS0	2	144	5720	106/54			7.16	11.00		0.36		Pass
HE40	MCS0	2	142	5710	Full			0.40	11.00		0.36		Pass
HE40	MCS0	2	142	5710	242/62			3.36	11.00		0.36		Pass
HE80	MCS0	2	138	5690	Full			-2.43	11.00		0.36		Pass
HE80	MCS0	2	138	5690	484/66			0.60	11.00		0.36		Pass

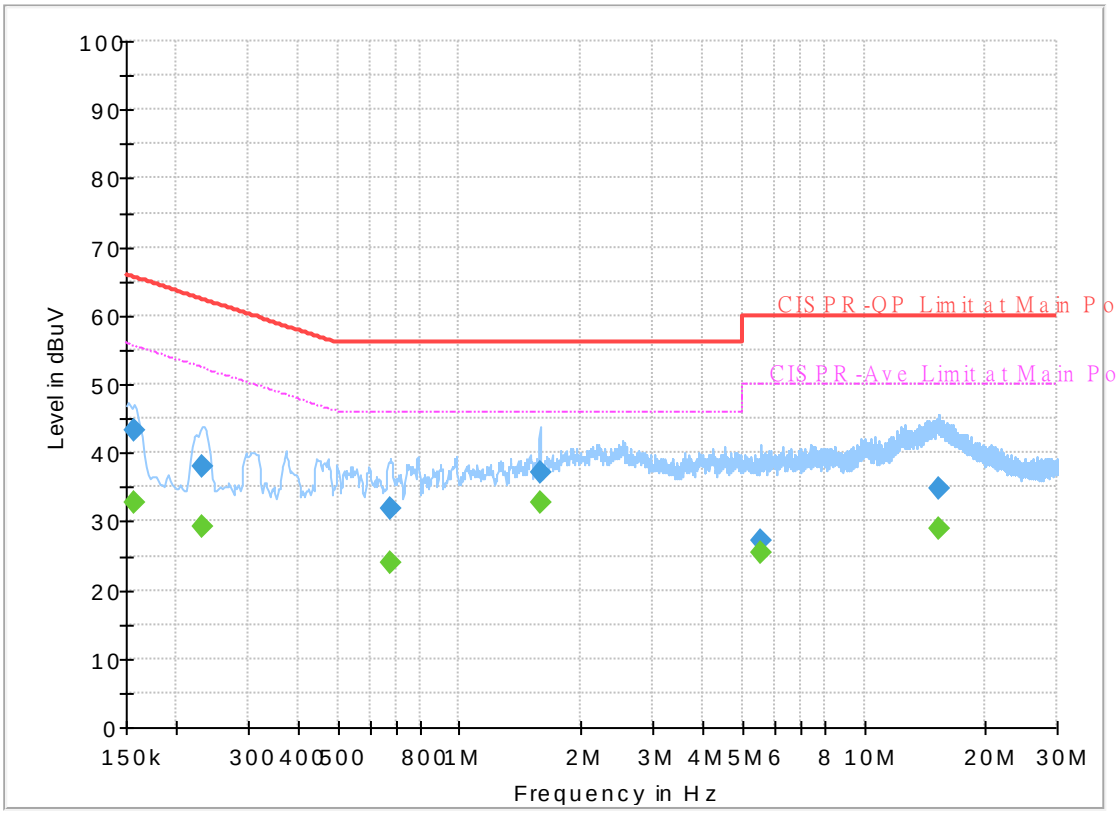
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	21~25℃
		Relative Humidity :	40~43%

EUT Information

Report NO :	042242-02
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



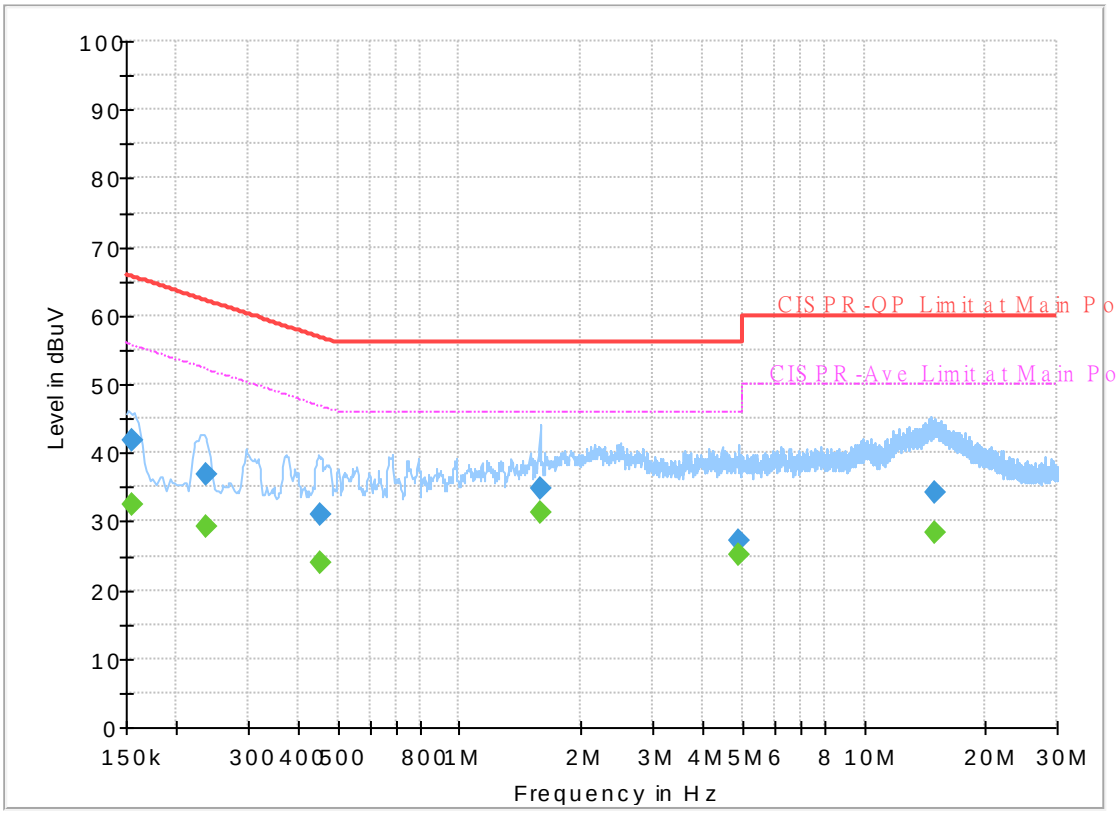
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156345	---	32.73	55.66	22.93	L1	OFF	19.6
0.156345	43.24	---	65.66	22.42	L1	OFF	19.6
0.230010	---	29.37	52.45	23.08	L1	OFF	19.6
0.230010	37.97	---	62.45	24.48	L1	OFF	19.6
0.678750	---	24.06	46.00	21.94	L1	OFF	19.6
0.678750	31.79	---	56.00	24.21	L1	OFF	19.6
1.580280	---	32.67	46.00	13.33	L1	OFF	19.6
1.580280	37.22	---	56.00	18.78	L1	OFF	19.6
5.576910	---	25.31	50.00	24.69	L1	OFF	19.8
5.576910	27.30	---	60.00	32.70	L1	OFF	19.8
15.328860	---	28.91	50.00	21.09	L1	OFF	20.2
15.328860	34.86	---	60.00	25.14	L1	OFF	20.2

EUT Information

Report NO :	042242-02
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)
0.154680	---	32.45	55.75	23.30	N	OFF	19.5
0.154680	41.84	---	65.75	23.91	N	OFF	19.5
0.235500	---	29.22	52.25	23.03	N	OFF	19.5
0.235500	36.88	---	62.25	25.37	N	OFF	19.5
0.453750	---	24.08	46.81	22.73	N	OFF	19.5
0.453750	30.98	---	56.81	25.83	N	OFF	19.5
1.581540	---	31.19	46.00	14.81	N	OFF	19.6
1.581540	34.76	---	56.00	21.24	N	OFF	19.6
4.893000	---	25.11	46.00	20.89	N	OFF	19.7
4.893000	27.23	---	56.00	28.77	N	OFF	19.7
15.045000	---	28.40	50.00	21.60	N	OFF	19.9
15.045000	34.30	---	60.00	25.70	N	OFF	19.9

Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5086.32	51.34	-22.66	74	39.4	31.97	10.4	30.43	100	341	P	H
		5107.64	41.1	-12.9	54	29.08	32.02	10.43	30.43	100	341	A	H
	*	5180	102.04	-	-	90.01	31.92	10.54	30.43	100	341	P	H
	*	5180	94.34	-	-	82.31	31.92	10.54	30.43	100	341	A	H
													H
													H
		5138.58	51.31	-22.69	74	39.18	32.08	10.48	30.43	100	354	P	V
		5149.76	41.14	-12.86	54	28.98	32.1	10.49	30.43	100	354	A	V
	*	5180	106	-	-	93.97	31.92	10.54	30.43	100	354	P	V
	*	5180	98.58	-	-	86.55	31.92	10.54	30.43	100	354	A	V
													V
													V
802.11a CH 44 5220MHz		5092.56	52.09	-21.91	74	40.12	31.99	10.41	30.43	100	282	P	H
		5110.5	41.07	-12.93	54	29.04	32.02	10.44	30.43	100	282	A	H
	*	5220	101.76	-	-	89.93	31.68	10.58	30.43	100	282	P	H
	*	5220	93.69	-	-	81.86	31.68	10.58	30.43	100	282	A	H
		5457.76	50.3	-23.7	74	38.25	31.75	10.73	30.43	100	282	P	H
		5458.6	40.75	-13.25	54	28.7	31.75	10.73	30.43	100	282	A	H
		5081.9	51.32	-22.68	74	39.4	31.96	10.39	30.43	100	355	P	V
		5106.86	41.12	-12.88	54	29.11	32.01	10.43	30.43	100	355	A	V
	*	5220	106.33	-	-	94.5	31.68	10.58	30.43	100	355	P	V
	*	5220	98.81	-	-	86.98	31.68	10.58	30.43	100	355	A	V
		5407.64	50.58	-23.42	74	38.64	31.7	10.67	30.43	100	355	P	V
		5403.16	40.89	-13.11	54	28.96	31.7	10.66	30.43	100	355	A	V

802.11a CH 48 5240MHz		5043.68	51.61	-22.39	74	39.83	31.87	10.34	30.43	100	282	P	H
		5108.42	41.09	-12.91	54	29.07	32.02	10.43	30.43	100	282	A	H
	*	5240	101.19	-	-	89.47	31.56	10.59	30.43	100	282	P	H
	*	5240	93.48	-	-	81.76	31.56	10.59	30.43	100	282	A	H
		5423.04	51.37	-22.63	74	39.41	31.7	10.69	30.43	100	282	P	H
		5459.16	40.71	-13.29	54	28.66	31.75	10.73	30.43	100	282	A	H
		5023.92	51.27	-22.73	74	39.59	31.8	10.31	30.43	100	354	P	V
		5106.08	41.14	-12.86	54	29.13	32.01	10.43	30.43	100	354	A	V
	*	5240	106.71	-	-	94.99	31.56	10.59	30.43	100	354	P	V
	*	5240	99.4	-	-	87.68	31.56	10.59	30.43	100	354	A	V
		5358.92	50.76	-23.24	74	39.1	31.45	10.64	30.43	100	354	P	V
		5399.52	40.99	-13.01	54	29.06	31.7	10.66	30.43	100	354	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. 0+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	49.64	-18.56	68.2	56.23	39.9	14.41	60.9	100	0	P	H
		15540	47.05	-26.95	74	54.48	38	17.28	62.71	100	0	P	H
													H
													H
		10360	48.54	-19.66	68.2	55.13	39.9	14.41	60.9	100	0	P	V
		15540	49.95	-24.05	74	57.38	38	17.28	62.71	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	48.15	-20.05	68.2	54.66	40.1	14.41	61.02	100	0	P	H
		15660	46.79	-27.21	74	54	37.58	17.34	62.13	100	0	P	H
													H
													H
		10440	48.53	-19.67	68.2	55.04	40.1	14.41	61.02	100	0	P	V
		15660	48.04	-25.96	74	55.25	37.58	17.34	62.13	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	48.38	-19.82	68.2	54.94	40.1	14.41	61.07	100	0	P	H
		15720	46.61	-27.39	74	53.62	37.46	17.37	61.84	100	0	P	H
													H
													H
		10480	48.59	-19.61	68.2	55.15	40.1	14.41	61.07	100	0	P	V
		15720	47.62	-26.38	74	54.63	37.46	17.37	61.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5150	50.99	-23.01	74	38.83	32.1	10.49	30.43	100	342	P	H
		5109.2	41.05	-12.95	54	29.03	32.02	10.43	30.43	100	342	A	H
	*	5180	101.24	-	-	89.21	31.92	10.54	30.43	100	342	P	H
	*	5180	92.11	-	-	80.08	31.92	10.54	30.43	100	342	A	H
802.11n													H
HT20													H
CH 36		5104.26	51.24	-22.76	74	39.23	32.01	10.43	30.43	100	352	P	V
5180MHz		5150	41.15	-12.85	54	28.99	32.1	10.49	30.43	100	352	A	V
	*	5180	105.13	-	-	93.1	31.92	10.54	30.43	100	352	P	V
	*	5180	96.07	-	-	84.04	31.92	10.54	30.43	100	352	A	V
													V
													V
		5059.28	51.35	-22.65	74	39.5	31.92	10.36	30.43	100	282	P	H
		5109.46	41.08	-12.92	54	29.06	32.02	10.43	30.43	100	282	A	H
	*	5220	101.4	-	-	89.57	31.68	10.58	30.43	100	282	P	H
	*	5220	91.95	-	-	80.12	31.68	10.58	30.43	100	282	A	H
802.11n		5380.76	50.79	-23.21	74	38.99	31.58	10.65	30.43	100	282	P	H
HT20		5458.88	40.68	-13.32	54	28.63	31.75	10.73	30.43	100	282	A	H
CH 44		5113.62	51.57	-22.43	74	39.53	32.03	10.44	30.43	100	353	P	V
5220MHz		5107.64	41.16	-12.84	54	29.14	32.02	10.43	30.43	100	353	A	V
	*	5220	106.09	-	-	94.26	31.68	10.58	30.43	100	353	P	V
	*	5220	96.51	-	-	84.68	31.68	10.58	30.43	100	353	A	V
		5426.68	50.77	-23.23	74	38.81	31.7	10.69	30.43	100	353	P	V
		5400.08	40.97	-13.03	54	29.04	31.7	10.66	30.43	100	353	A	V

		5055.12	51.64	-22.36	74	39.8	31.91	10.36	30.43	100	282	P	H
		5102.7	41.09	-12.91	54	29.09	32.01	10.42	30.43	100	282	A	H
	*	5240	100.74	-	-	89.02	31.56	10.59	30.43	100	282	P	H
	*	5240	91.59	-	-	79.87	31.56	10.59	30.43	100	282	A	H
802.11n		5425	50.97	-23.03	74	39.01	31.7	10.69	30.43	100	282	P	H
HT20		5460	40.72	-13.28	54	28.66	31.76	10.73	30.43	100	282	A	H
CH 48		5119.6	51.82	-22.18	74	39.76	32.04	10.45	30.43	100	348	P	V
5240MHz		5108.42	41.18	-12.82	54	29.16	32.02	10.43	30.43	100	348	A	V
	*	5240	106.75	-	-	95.03	31.56	10.59	30.43	100	348	P	V
	*	5240	97.04	-	-	85.32	31.56	10.59	30.43	100	348	A	V
		5440.12	51.25	-22.75	74	39.27	31.7	10.71	30.43	100	348	P	V
		5400.64	41.01	-12.99	54	29.08	31.7	10.66	30.43	100	348	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0+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)
		10360	49.24	-18.96	68.2	55.83	39.9	14.41	60.9	100	0	P	H
		15540	47.18	-26.82	74	54.61	38	17.28	62.71	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	47.85	-20.35	68.2	54.44	39.9	14.41	60.9	100	0	P	V
5180MHz		15540	48.37	-25.63	74	55.8	38	17.28	62.71	100	0	P	V
													V
													V
		10440	48.1	-20.1	68.2	54.61	40.1	14.41	61.02	100	0	P	H
		15660	46.81	-27.19	74	54.02	37.58	17.34	62.13	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	47.99	-20.21	68.2	54.5	40.1	14.41	61.02	100	0	P	V
5220MHz		15660	47.04	-26.96	74	54.25	37.58	17.34	62.13	100	0	P	V
													V
													V
		10480	47.91	-20.29	68.2	54.47	40.1	14.41	61.07	100	0	P	H
		15720	46.22	-27.78	74	53.23	37.46	17.37	61.84	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	47.39	-20.81	68.2	53.95	40.1	14.41	61.07	100	0	P	V
5240MHz		15720	48.94	-25.06	74	55.95	37.46	17.37	61.84	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5131.3	51.04	-22.96	74	38.94	32.06	10.47	30.43	100	342	P	H
		5150	41.34	-12.66	54	29.18	32.1	10.49	30.43	100	342	A	H
	*	5190	99.01	-	-	87.03	31.86	10.55	30.43	100	342	P	H
	*	5190	89.4	-	-	77.42	31.86	10.55	30.43	100	342	A	H
802.11n		5409.88	50.97	-23.03	74	39.03	31.7	10.67	30.43	100	342	P	H
HT40		5459.16	40.69	-13.31	54	28.64	31.75	10.73	30.43	100	342	A	H
CH 38		5039	51.4	-22.6	74	39.64	31.86	10.33	30.43	100	355	P	V
5190MHz		5150	41.54	-12.46	54	29.38	32.1	10.49	30.43	100	355	A	V
	*	5190	102.91	-	-	90.93	31.86	10.55	30.43	100	355	P	V
	*	5190	93.21	-	-	81.23	31.86	10.55	30.43	100	355	A	V
		5397.84	52.43	-21.57	74	40.51	31.69	10.66	30.43	100	355	P	V
		5398.96	40.86	-13.14	54	28.94	31.69	10.66	30.43	100	355	A	V
		5065.52	50.65	-23.35	74	38.78	31.93	10.37	30.43	100	281	P	H
		5102.18	41.05	-12.95	54	29.06	32	10.42	30.43	100	281	A	H
	*	5230	98.62	-	-	86.85	31.62	10.58	30.43	100	281	P	H
	*	5230	89.34	-	-	77.57	31.62	10.58	30.43	100	281	A	H
802.11n		5354.72	50.93	-23.07	74	39.29	31.43	10.64	30.43	100	281	P	H
HT40		5459.16	40.7	-13.3	54	28.65	31.75	10.73	30.43	100	281	A	H
CH 46		5141.96	51.02	-22.98	74	38.89	32.08	10.48	30.43	100	349	P	V
5230MHz		5107.9	41.19	-12.81	54	29.17	32.02	10.43	30.43	100	349	A	V
	*	5230	103.45	-	-	91.68	31.62	10.58	30.43	100	349	P	V
	*	5230	94.17	-	-	82.4	31.62	10.58	30.43	100	349	A	V
		5372.92	50.97	-23.03	74	39.21	31.54	10.65	30.43	100	349	P	V
		5401.2	41.01	-12.99	54	29.08	31.7	10.66	30.43	100	349	A	V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0+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)
		10380	46.45	-21.75	68.2	52.97	40	14.41	60.93	100	0	P	H
		15570	46.35	-27.65	74	53.77	37.85	17.29	62.56	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	47.02	-21.18	68.2	53.54	40	14.41	60.93	100	0	P	V
5190MHz		15570	46.34	-27.66	74	53.76	37.85	17.29	62.56	100	0	P	V
													V
													V
		10460	48.04	-20.16	68.2	54.57	40.1	14.41	61.04	100	0	P	H
		15690	45.35	-28.65	74	52.47	37.52	17.35	61.99	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	47.63	-20.57	68.2	54.16	40.1	14.41	61.04	100	0	P	V
5230MHz		15690	45.92	-28.08	74	53.04	37.52	17.35	61.99	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ac VHT80 CH 42 5210MHz		5121.42	52.6	-21.4	74	40.54	32.04	10.45	30.43	100	301	P	H
		5150	42.02	-11.98	54	29.86	32.1	10.49	30.43	100	301	A	H
	*	5210	95.91	-	-	84.03	31.74	10.57	30.43	100	301	P	H
	*	5210	86.41	-	-	74.53	31.74	10.57	30.43	100	301	A	H
		5406.8	51.35	-22.65	74	39.41	31.7	10.67	30.43	100	301	P	H
		5460	41.27	-12.73	54	29.21	31.76	10.73	30.43	100	301	A	H
		5101.92	52.15	-21.85	74	40.16	32	10.42	30.43	100	10	P	V
		5150	42.05	-11.95	54	29.89	32.1	10.49	30.43	100	10	A	V
	*	5210	98.18	-	-	86.3	31.74	10.57	30.43	100	10	P	V
	*	5210	89.04	-	-	77.16	31.74	10.57	30.43	100	10	A	V
		5376	52.31	-21.69	74	40.53	31.56	10.65	30.43	100	10	P	V
		5458.04	41.36	-12.64	54	29.31	31.75	10.73	30.43	100	10	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 0+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)
		10420	47.39	-20.81	68.2	53.87	40.1	14.41	60.99	100	0	P	H
		15630	44.29	-29.71	74	51.61	37.64	17.32	62.28	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	46.8	-21.4	68.2	53.28	40.1	14.41	60.99	100	0	P	V
5210MHz		15630	45.64	-28.36	74	52.96	37.64	17.32	62.28	100	0	P	V
													V
													V

Remark

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

Band 1 - 5150~5250MHz

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

WIFI Ant. 0+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)
		5078.26	51.65	-22.35	74	39.73	31.96	10.39	30.43	272	11	P	H
		5107.64	41.4	-12.6	54	29.38	32.02	10.43	30.43	272	11	A	H
	*	5180	104.76	-	-	92.73	31.92	10.54	30.43	272	11	P	H
	*	5180	93.24	-	-	81.21	31.92	10.54	30.43	272	11	A	H
802.11ax													H
HE20 Full													H
CH 36		5037.7	51.43	-22.57	74	39.68	31.85	10.33	30.43	100	349	P	V
5180MHz		5109.98	41.36	-12.64	54	29.33	32.02	10.44	30.43	100	349	A	V
	*	5180	104.65	-	-	92.62	31.92	10.54	30.43	100	349	P	V
	*	5180	93.6	-	-	81.57	31.92	10.54	30.43	100	349	A	V
													V
													V
		5076.7	52.08	-21.92	74	40.17	31.95	10.39	30.43	270	12	P	H
		5105.3	41.45	-12.55	54	29.44	32.01	10.43	30.43	270	12	A	H
	*	5220	103.7	-	-	91.87	31.68	10.58	30.43	270	12	P	H
	*	5220	92.71	-	-	80.88	31.68	10.58	30.43	270	12	A	H
802.11ax		5451.04	51.01	-22.99	74	39.01	31.71	10.72	30.43	270	12	P	H
HE20 Full		5459.72	41.18	-12.82	54	29.12	31.76	10.73	30.43	270	12	A	H
CH 44		5011.7	51.57	-22.43	74	39.96	31.75	10.29	30.43	100	10	P	V
5220MHz		5106.6	41.35	-12.65	54	29.34	32.01	10.43	30.43	100	10	A	V
	*	5220	105.35	-	-	93.52	31.68	10.58	30.43	100	10	P	V
	*	5220	94.54	-	-	82.71	31.68	10.58	30.43	100	10	A	V
		5383	51.36	-22.64	74	39.54	31.6	10.65	30.43	100	10	P	V
		5398.96	41.23	-12.77	54	29.31	31.69	10.66	30.43	100	10	A	V

		5130.26	51.55	-22.45	74	39.45	32.06	10.47	30.43	271	11	P	H
		5110.24	41.41	-12.59	54	29.38	32.02	10.44	30.43	271	11	A	H
	*	5240	102.64	-	-	90.92	31.56	10.59	30.43	271	11	P	H
	*	5240	92.13	-	-	80.41	31.56	10.59	30.43	271	11	A	H
802.11ax		5355.56	51.5	-22.5	74	39.86	31.43	10.64	30.43	271	11	P	H
HE20 Full		5459.44	41.14	-12.86	54	29.08	31.76	10.73	30.43	271	11	A	H
CH 48		5139.1	52.44	-21.56	74	40.31	32.08	10.48	30.43	100	10	P	V
5240MHz		5106.86	41.39	-12.61	54	29.38	32.01	10.43	30.43	100	10	A	V
	*	5240	105.28	-	-	93.56	31.56	10.59	30.43	100	10	P	V
	*	5240	94.93	-	-	83.21	31.56	10.59	30.43	100	10	A	V
		5418.56	51.98	-22.02	74	40.03	31.7	10.68	30.43	100	10	P	V
		5399.24	41.27	-12.73	54	29.34	31.7	10.66	30.43	100	10	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. 0+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)
		10360	48.17	-20.03	68.2	54.76	39.9	14.41	60.9	100	0	P	H
		15540	46.65	-27.35	74	54.08	38	17.28	62.71	100	0	P	H
802.11ax													H
HE20 Full													H
CH 36		10360	49.33	-18.87	68.2	55.92	39.9	14.41	60.9	100	0	P	V
5180MHz		15540	48.76	-25.24	74	56.19	38	17.28	62.71	100	0	P	V
													V
													V
		10440	47.9	-20.3	68.2	54.41	40.1	14.41	61.02	100	0	P	H
		15660	45.84	-28.16	74	53.05	37.58	17.34	62.13	100	0	P	H
802.11ax													H
HE20 Full													H
CH 44		10440	47.79	-20.41	68.2	54.3	40.1	14.41	61.02	100	0	P	V
5220MHz		15660	47.17	-26.83	74	54.38	37.58	17.34	62.13	100	0	P	V
													V
													V
		10480	48.48	-19.72	68.2	55.04	40.1	14.41	61.07	100	0	P	H
		15720	45.78	-28.22	74	52.79	37.46	17.37	61.84	100	0	P	H
802.11ax													H
HE20 Full													H
CH 48		10480	46.98	-21.22	68.2	53.54	40.1	14.41	61.07	100	0	P	V
5240MHz		15720	46.49	-27.51	74	53.5	37.46	17.37	61.84	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5081.12	50.45	-23.55	74	38.53	31.96	10.39	30.43	100	306	P	H
		5095.16	40.92	-13.08	54	28.95	31.99	10.41	30.43	100	306	A	H
	*	5180	108.68	-	-	96.65	31.92	10.54	30.43	100	306	P	H
	*	5180	99.3	-	-	87.27	31.92	10.54	30.43	100	306	A	H
													H
													H
		5098.28	51.19	-22.81	74	39.2	32	10.42	30.43	100	351	P	V
		5108.68	40.97	-13.03	54	28.95	32.02	10.43	30.43	100	351	A	V
	*	5180	111.05	-	-	99.02	31.92	10.54	30.43	100	351	P	V
	*	5180	101.63	-	-	89.6	31.92	10.54	30.43	100	351	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		10360	50.61	-17.59	68.2	57.2	39.9	14.41	60.9	100	0	P	H
		15540	49.16	-24.84	74	56.59	38	17.28	62.71	100	0	P	H
													H
													H
		10360	50.25	-17.95	68.2	56.84	39.9	14.41	60.9	100	0	P	V
		15540	58.19	-15.81	74	65.62	38	17.28	62.71	206	336	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
		5092.56	51.32	-22.68	74	39.35	31.99	10.41	30.43	100	305	P	H
		5097.24	41.09	-12.91	54	29.11	31.99	10.42	30.43	100	305	A	H
	*	5180	108.59	-	-	96.56	31.92	10.54	30.43	100	305	P	H
802.11ax	*	5180	99.72	-	-	87.69	31.92	10.54	30.43	100	305	A	H
HE20													H
Partial													H
52/37		5145.6	51.2	-22.8	74	39.05	32.09	10.49	30.43	100	349	P	V
CH 36		5149.76	41.1	-12.9	54	28.94	32.1	10.49	30.43	100	349	A	V
5180MHz	*	5180	111.02	-	-	98.99	31.92	10.54	30.43	100	349	P	V
	*	5180	102.17	-	-	90.14	31.92	10.54	30.43	100	349	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
		10360	51.04	-17.16	68.2	57.63	39.9	14.41	60.9	100	0	P	H
802.11ax		15540	53.23	-20.77	74	60.66	38	17.28	62.71	301	353	P	H
HE20		15540	41.64	-12.36	54	49.07	38	17.28	62.71	301	353	A	H
Partial													H
52/37		10360	52.66	-15.54	68.2	59.25	39.9	14.41	60.9	100	0	P	V
CH 36		15540	57.55	-16.45	74	64.98	38	17.28	62.71	212	335	P	V
5180MHz		15540	45.7	-8.3	54	53.13	38	17.28	62.71	212	335	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
		5124.28	51.61	-22.39	74	39.53	32.05	10.46	30.43	100	305	P	H
		5100.36	41.18	-12.82	54	29.19	32	10.42	30.43	100	305	A	H
	*	5180	106.65	-	-	94.62	31.92	10.54	30.43	100	305	P	H
802.11ax	*	5180	96.82	-	-	84.79	31.92	10.54	30.43	100	305	A	H
HE20													H
Partial													H
106/53		5132.86	51.65	-22.35	74	39.54	32.07	10.47	30.43	100	348	P	V
CH 36		5098.8	41.12	-12.88	54	29.13	32	10.42	30.43	100	348	A	V
5180MHz	*	5180	109.19	-	-	97.16	31.92	10.54	30.43	100	348	P	V
	*	5180	99.4	-	-	87.37	31.92	10.54	30.43	100	348	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. 0+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)
		5090.22	51.4	-22.6	74	39.44	31.98	10.41	30.43	275	12	P	H
		5149.76	41.62	-12.38	54	29.46	32.1	10.49	30.43	275	12	A	H
	*	5190	100.43	-	-	88.45	31.86	10.55	30.43	275	12	P	H
	*	5190	90.23	-	-	78.25	31.86	10.55	30.43	275	12	A	H
802.11ax		5426.68	52.36	-21.64	74	40.4	31.7	10.69	30.43	275	12	P	H
HE40 Full		5460	41.12	-12.88	54	29.06	31.76	10.73	30.43	275	12	A	H
CH 38		5106.34	52.06	-21.94	74	40.05	32.01	10.43	30.43	100	346	P	V
5190MHz		5150	41.41	-12.59	54	29.25	32.1	10.49	30.43	100	346	A	V
	*	5190	100.9	-	-	88.92	31.86	10.55	30.43	100	346	P	V
	*	5190	90.74	-	-	78.76	31.86	10.55	30.43	100	346	A	V
		5360.32	50.77	-23.23	74	39.1	31.46	10.64	30.43	100	346	P	V
		5460	41.18	-12.82	54	29.12	31.76	10.73	30.43	100	346	A	V
		5005.72	51.22	-22.78	74	39.65	31.72	10.28	30.43	270	10	P	H
		5107.38	41.37	-12.63	54	29.36	32.01	10.43	30.43	270	10	A	H
	*	5230	99.85	-	-	88.08	31.62	10.58	30.43	270	10	P	H
	*	5230	89.62	-	-	77.85	31.62	10.58	30.43	270	10	A	H
802.11ax		5390.28	52.25	-21.75	74	40.38	31.64	10.66	30.43	270	10	P	H
HE40 Full		5459.72	41.06	-12.94	54	29	31.76	10.73	30.43	270	10	A	H
CH 46		5134.94	52.05	-21.95	74	39.94	32.07	10.47	30.43	100	10	P	V
5230MHz		5109.2	41.35	-12.65	54	29.33	32.02	10.43	30.43	100	10	A	V
	*	5230	103.52	-	-	91.75	31.62	10.58	30.43	100	10	P	V
	*	5230	92.2	-	-	80.43	31.62	10.58	30.43	100	10	A	V
		5445.72	51.13	-22.87	74	39.15	31.7	10.71	30.43	100	10	P	V
		5407.92	41.26	-12.74	54	29.32	31.7	10.67	30.43	100	10	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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)
		10380	47.72	-20.48	68.2	54.24	40	14.41	60.93	100	0	P	H
		15570	46.6	-27.4	74	54.02	37.85	17.29	62.56	100	0	P	H
802.11ax													H
HE40 Full													H
CH 38		10380	46.96	-21.24	68.2	53.48	40	14.41	60.93	100	0	P	V
5190MHz		15570	45.92	-28.08	74	53.34	37.85	17.29	62.56	100	0	P	V
													V
													V
		10460	49.73	-18.47	68.2	56.26	40.1	14.41	61.04	100	0	P	H
		15690	46.81	-27.19	74	53.93	37.52	17.35	61.99	100	0	P	H
802.11ax													H
HE40 Full													H
CH 46		10460	48.6	-19.6	68.2	55.13	40.1	14.41	61.04	100	0	P	V
5230MHz		15690	47.33	-26.67	74	54.45	37.52	17.35	61.99	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5117.78	52.16	-21.84	74	40.1	32.04	10.45	30.43	100	306	P	H
		5101.4	41.14	-12.86	54	29.15	32	10.42	30.43	100	306	A	H
	*	5190	104.24	-	-	92.26	31.86	10.55	30.43	100	306	P	H
	*	5190	93.64	-	-	81.66	31.86	10.55	30.43	100	306	A	H
		5426.96	52.67	-21.33	74	40.71	31.7	10.69	30.43	100	306	P	H
		5406.52	40.79	-13.21	54	28.85	31.7	10.67	30.43	100	306	A	H
		5115.18	53.08	-20.92	74	41.04	32.03	10.44	30.43	100	350	P	V
		5149.5	41.16	-12.84	54	29	32.1	10.49	30.43	100	350	A	V
	*	5190	107.39	-	-	95.41	31.86	10.55	30.43	100	350	P	V
	*	5190	96.04	-	-	84.06	31.86	10.55	30.43	100	350	A	V
		5427.24	51.43	-22.57	74	39.47	31.7	10.69	30.43	100	350	P	V
		5406.24	40.92	-13.08	54	28.98	31.7	10.67	30.43	100	350	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. 0+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)
802.11ax HE80 Full CH 42 5210MHz		5148.2	52.26	-21.74	74	40.1	32.1	10.49	30.43	271	13	P	H
		5150	42.14	-11.86	54	29.98	32.1	10.49	30.43	271	13	A	H
	*	5210	98.31	-	-	86.43	31.74	10.57	30.43	271	13	P	H
	*	5210	87.16	-	-	75.28	31.74	10.57	30.43	271	13	A	H
		5402.04	51.33	-22.67	74	39.4	31.7	10.66	30.43	271	13	P	H
		5459.16	41.14	-12.86	54	29.09	31.75	10.73	30.43	271	13	A	H
		5128.18	51.47	-22.53	74	39.38	32.06	10.46	30.43	100	347	P	V
		5150	41.76	-12.24	54	29.6	32.1	10.49	30.43	100	347	A	V
	*	5210	99.24	-	-	87.36	31.74	10.57	30.43	100	347	P	V
	*	5210	88.48	-	-	76.6	31.74	10.57	30.43	100	347	A	V
		5386.64	50.94	-23.06	74	39.1	31.62	10.65	30.43	100	347	P	V
		5398.4	41.24	-12.76	54	29.32	31.69	10.66	30.43	100	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+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)
		10420	47.67	-20.53	68.2	54.15	40.1	14.41	60.99	100	0	P	H
		15630	44.95	-29.05	74	52.27	37.64	17.32	62.28	100	0	P	H
802.11ax													H
HE80 Full													H
CH 42		10420	47.28	-20.92	68.2	53.76	40.1	14.41	60.99	100	0	P	V
5210MHz		15630	46.52	-27.48	74	53.84	37.64	17.32	62.28	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 0+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)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5066.04	52.48	-21.52	74	40.61	31.93	10.37	30.43	100	304	P	H
		5150	41.54	-12.46	54	29.38	32.1	10.49	30.43	100	304	A	H
	*	5210	100.91	-	-	89.03	31.74	10.57	30.43	100	304	P	H
	*	5210	89.72	-	-	77.84	31.74	10.57	30.43	100	304	A	H
		5395.88	51.51	-22.49	74	39.6	31.68	10.66	30.43	100	304	P	H
		5424.16	40.83	-13.17	54	28.87	31.7	10.69	30.43	100	304	A	H
		5112.58	52.15	-21.85	74	40.11	32.03	10.44	30.43	100	350	P	V
		5150	41.66	-12.34	54	29.5	32.1	10.49	30.43	100	350	A	V
	*	5210	103.39	-	-	91.51	31.74	10.57	30.43	100	350	P	V
	*	5210	92.5	-	-	80.62	31.74	10.57	30.43	100	350	A	V
		5352.2	51.86	-22.14	74	40.24	31.41	10.64	30.43	100	350	P	V
		5405.12	40.92	-13.08	54	28.98	31.7	10.67	30.43	100	350	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5102	51.28	-22.72	74	39.29	32	10.42	30.43	100	291	P	H
		5109.82	41.43	-12.57	54	29.4	32.02	10.44	30.43	100	291	A	H
	*	5260	101.78	-	-	90.13	31.48	10.6	30.43	100	291	P	H
	*	5260	94.33	-	-	82.68	31.48	10.6	30.43	100	291	A	H
		5440.8	51.2	-22.8	74	39.22	31.7	10.71	30.43	100	291	P	H
		5458.08	41.16	-12.84	54	29.11	31.75	10.73	30.43	100	291	A	H
		5131.92	51.75	-22.25	74	39.65	32.06	10.47	30.43	100	4	P	V
		5105.06	41.44	-12.56	54	29.43	32.01	10.43	30.43	100	4	A	V
	*	5260	105.3	-	-	93.65	31.48	10.6	30.43	100	4	P	V
	*	5260	97.07	-	-	85.42	31.48	10.6	30.43	100	4	A	V
		5444.64	51.89	-22.11	74	39.91	31.7	10.71	30.43	100	4	P	V
		5425.92	41.32	-12.68	54	29.36	31.7	10.69	30.43	100	4	A	V
802.11a CH 60 5300MHz		5127.16	51.54	-22.46	74	39.46	32.05	10.46	30.43	100	298	P	H
		5108.8	41.37	-12.63	54	29.35	32.02	10.43	30.43	100	298	A	H
	*	5300	102.15	-	-	90.57	31.4	10.61	30.43	100	298	P	H
	*	5300	94.25	-	-	82.67	31.4	10.61	30.43	100	298	A	H
		5444.64	51.66	-22.34	74	39.68	31.7	10.71	30.43	100	298	P	H
		5459.28	41.19	-12.81	54	29.13	31.76	10.73	30.43	100	298	A	H
		5109.82	51.43	-22.57	74	39.4	32.02	10.44	30.43	100	357	P	V
		5109.82	41.34	-12.66	54	29.31	32.02	10.44	30.43	100	357	A	V
	*	5300	105.78	-	-	94.2	31.4	10.61	30.43	100	357	P	V
	*	5300	98.46	-	-	86.88	31.4	10.61	30.43	100	357	A	V
		5442.72	51.83	-22.17	74	39.85	31.7	10.71	30.43	100	357	P	V
		5458.56	41.35	-12.65	54	29.3	31.75	10.73	30.43	100	357	A	V

802.11a CH 64 5320MHz	*	5320	101.11	-	-	89.52	31.4	10.62	30.43	100	289	P	H
	*	5320	93.43	-	-	81.84	31.4	10.62	30.43	100	289	A	H
		5417.28	50.82	-23.18	74	38.87	31.7	10.68	30.43	100	289	P	H
		5459.84	41.2	-12.8	54	29.14	31.76	10.73	30.43	100	289	A	H
													H
													H
	*	5320	106.17	-	-	94.58	31.4	10.62	30.43	100	2	P	V
	*	5320	98.54	-	-	86.95	31.4	10.62	30.43	100	2	A	V
		5382.24	51.54	-22.46	74	39.73	31.59	10.65	30.43	100	2	P	V
		5459.68	41.45	-12.55	54	29.39	31.76	10.73	30.43	100	2	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. 0+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	47.96	-20.24	68.2	54.54	40.12	14.4	61.1	100	0	P	H
		15780	45.63	-28.37	74	52.45	37.34	17.4	61.56	100	0	P	H
													H
													H
		10520	48.08	-20.12	68.2	54.66	40.12	14.4	61.1	100	0	P	V
		15780	47.01	-26.99	74	53.83	37.34	17.4	61.56	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	49.8	-24.2	74	56.3	40.2	14.4	61.1	100	0	P	H
		15900	46.04	-27.96	74	52.76	36.8	17.46	60.98	100	0	P	H
													H
													H
		10600	48.45	-25.55	74	54.95	40.2	14.4	61.1	100	0	P	V
		15900	45.85	-28.15	74	52.57	36.8	17.46	60.98	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	49.97	-24.03	74	56.52	40.16	14.39	61.1	100	0	P	H
		15960	46.72	-27.28	74	53	36.92	17.49	60.69	100	0	P	H
													H
													H
		10640	49.94	-24.06	74	56.49	40.16	14.39	61.1	100	0	P	V
		15960	47.68	-26.32	74	53.96	36.92	17.49	60.69	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5114.24	51.26	-22.74	74	39.22	32.03	10.44	30.43	100	299	P	H
		5100.64	41.43	-12.57	54	29.44	32	10.42	30.43	100	299	A	H
	*	5260	100.47	-	-	88.82	31.48	10.6	30.43	100	299	P	H
	*	5260	91.16	-	-	79.51	31.48	10.6	30.43	100	299	A	H
802.11n		5450.4	51.72	-22.28	74	39.73	31.7	10.72	30.43	100	299	P	H
HT20		5458.32	41.21	-12.79	54	29.16	31.75	10.73	30.43	100	299	A	H
CH 52		5082.62	51.38	-22.62	74	39.44	31.97	10.4	30.43	100	15	P	V
5260MHz		5106.42	41.39	-12.61	54	29.38	32.01	10.43	30.43	100	15	A	V
	*	5260	104.46	-	-	92.81	31.48	10.6	30.43	100	15	P	V
	*	5260	95.26	-	-	83.61	31.48	10.6	30.43	100	15	A	V
		5357.28	51.62	-22.38	74	39.97	31.44	10.64	30.43	100	15	P	V
		5457.84	41.3	-12.7	54	29.25	31.75	10.73	30.43	100	15	A	V
		5144.84	51.67	-22.33	74	39.52	32.09	10.49	30.43	100	292	P	H
		5145.52	41.39	-12.61	54	29.24	32.09	10.49	30.43	100	292	A	H
	*	5300	101.35	-	-	89.77	31.4	10.61	30.43	100	292	P	H
	*	5300	92.12	-	-	80.54	31.4	10.61	30.43	100	292	A	H
802.11n		5425.44	51	-23	74	39.04	31.7	10.69	30.43	100	292	P	H
HT20		5459.52	41.2	-12.8	54	29.14	31.76	10.73	30.43	100	292	A	H
CH 60		5114.92	51.82	-22.18	74	39.78	32.03	10.44	30.43	100	6	P	V
5300MHz		5107.78	41.36	-12.64	54	29.34	32.02	10.43	30.43	100	6	A	V
	*	5300	104.7	-	-	93.12	31.4	10.61	30.43	100	6	P	V
	*	5300	95.46	-	-	83.88	31.4	10.61	30.43	100	6	A	V
		5446.08	50.82	-23.18	74	38.83	31.7	10.72	30.43	100	6	P	V
		5457.84	41.37	-12.63	54	29.32	31.75	10.73	30.43	100	6	A	V

	*	5320	100.72	-	-	89.13	31.4	10.62	30.43	100	291	P	H
	*	5320	91.37	-	-	79.78	31.4	10.62	30.43	100	291	A	H
		5401.92	51.3	-22.7	74	39.37	31.7	10.66	30.43	100	291	P	H
		5459.2	41.24	-12.76	54	29.18	31.76	10.73	30.43	100	291	A	H
802.11n													H
HT20													H
CH 64	*	5320	105.74	-	-	94.15	31.4	10.62	30.43	100	10	P	V
5320MHz	*	5320	96.22	-	-	84.63	31.4	10.62	30.43	100	10	A	V
		5428.8	51.52	-22.48	74	39.56	31.7	10.69	30.43	100	10	P	V
		5459.04	41.41	-12.59	54	29.36	31.75	10.73	30.43	100	10	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0+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)
		10520	48.2	-20	68.2	54.78	40.12	14.4	61.1	100	0	P	H
		15780	46.19	-27.81	74	53.01	37.34	17.4	61.56	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	47.69	-20.51	68.2	54.27	40.12	14.4	61.1	100	0	P	V
5260MHz		15780	46.57	-27.43	74	53.39	37.34	17.4	61.56	100	0	P	V
													V
													V
		10600	49.04	-24.96	74	55.54	40.2	14.4	61.1	100	0	P	H
		15900	44.69	-29.31	74	51.41	36.8	17.46	60.98	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	48.26	-25.74	74	54.76	40.2	14.4	61.1	100	0	P	V
5300MHz		15900	46.62	-27.38	74	53.34	36.8	17.46	60.98	100	0	P	V
													V
													V
		10640	49.01	-24.99	74	55.56	40.16	14.39	61.1	100	0	P	H
		15960	46.18	-27.82	74	52.46	36.92	17.49	60.69	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	48.74	-25.26	74	55.29	40.16	14.39	61.1	100	0	P	V
5320MHz		15960	46.88	-27.12	74	53.16	36.92	17.49	60.69	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5137.02	51.63	-22.37	74	39.51	32.07	10.48	30.43	100	295	P	H
		5107.44	41.38	-12.62	54	29.37	32.01	10.43	30.43	100	295	A	H
	*	5270	98.59	-	-	86.96	31.46	10.6	30.43	100	295	P	H
	*	5270	89.33	-	-	77.7	31.46	10.6	30.43	100	295	A	H
802.11n		5384.64	50.98	-23.02	74	39.15	31.61	10.65	30.43	100	295	P	H
HT40		5457.6	41.16	-12.84	54	29.11	31.75	10.73	30.43	100	295	A	H
CH 54		5139.06	51.83	-22.17	74	39.7	32.08	10.48	30.43	100	10	P	V
5270MHz		5107.78	41.4	-12.6	54	29.38	32.02	10.43	30.43	100	10	A	V
	*	5270	102.34	-	-	90.71	31.46	10.6	30.43	100	10	P	V
	*	5270	92.97	-	-	81.34	31.46	10.6	30.43	100	10	A	V
		5434.32	51.6	-22.4	74	39.63	31.7	10.7	30.43	100	10	P	V
		5424.72	41.32	-12.68	54	29.36	31.7	10.69	30.43	100	10	A	V
		5113.9	51.68	-22.32	74	39.64	32.03	10.44	30.43	100	294	P	H
		5112.88	41.37	-12.63	54	29.33	32.03	10.44	30.43	100	294	A	H
	*	5310	97.58	-	-	85.99	31.4	10.62	30.43	100	294	P	H
	*	5310	88.51	-	-	76.92	31.4	10.62	30.43	100	294	A	H
802.11n		5369.76	51.7	-22.3	74	39.96	31.52	10.65	30.43	100	294	P	H
HT40		5458.8	41.2	-12.8	54	29.15	31.75	10.73	30.43	100	294	A	H
CH 62		5014.28	52.03	-21.97	74	40.41	31.76	10.29	30.43	100	357	P	V
5310MHz		5110.5	41.37	-12.63	54	29.34	32.02	10.44	30.43	100	357	A	V
	*	5310	102.28	-	-	90.69	31.4	10.62	30.43	100	357	P	V
	*	5310	92.71	-	-	81.12	31.4	10.62	30.43	100	357	A	V
		5390.4	51.02	-22.98	74	39.15	31.64	10.66	30.43	100	357	P	V
		5350.32	41.85	-12.15	54	30.24	31.4	10.64	30.43	100	357	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0+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)
		10540	47.84	-20.36	68.2	54.4	40.14	14.4	61.1	100	0	P	H
		15810	45.55	-28.45	74	52.3	37.25	17.41	61.41	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	48	-20.2	68.2	54.56	40.14	14.4	61.1	100	0	P	V
5270MHz		15810	46.01	-27.99	74	52.76	37.25	17.41	61.41	100	0	P	V
													V
													V
		10620	48.38	-25.62	74	54.91	40.18	14.39	61.1	100	0	P	H
		15930	46.36	-27.64	74	52.86	36.86	17.48	60.84	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	49.55	-24.45	74	56.08	40.18	14.39	61.1	100	0	P	V
5310MHz		15930	45.23	-28.77	74	51.73	36.86	17.48	60.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ac VHT80 CH 58 5290MHz		5038.08	52.19	-21.81	74	40.44	31.85	10.33	30.43	100	300	P	H
		5107.78	41.4	-12.6	54	29.38	32.02	10.43	30.43	100	300	A	H
	*	5290	95.18	-	-	83.58	31.42	10.61	30.43	100	300	P	H
	*	5290	86.19	-	-	74.59	31.42	10.61	30.43	100	300	A	H
		5449.92	51.03	-22.97	74	39.04	31.7	10.72	30.43	100	300	P	H
		5350.08	41.26	-12.74	54	29.65	31.4	10.64	30.43	100	300	A	H
		5144.84	51.3	-22.7	74	39.15	32.09	10.49	30.43	100	5	P	V
		5109.48	41.35	-12.65	54	29.33	32.02	10.43	30.43	100	5	A	V
	*	5290	98.64	-	-	87.04	31.42	10.61	30.43	100	5	P	V
	*	5290	89.92	-	-	78.32	31.42	10.61	30.43	100	5	A	V
		5350.08	52.49	-21.51	74	40.88	31.4	10.64	30.43	100	5	P	V
		5350.08	42.33	-11.67	54	30.72	31.4	10.64	30.43	100	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 0+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)
		10580	47.01	-21.19	68.2	53.53	40.18	14.4	61.1	100	0	P	H
		15870	44.81	-29.19	74	51.53	36.95	17.45	61.12	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	47.47	-20.73	68.2	53.99	40.18	14.4	61.1	100	0	P	V
5290MHz		15870	45.61	-28.39	74	52.33	36.95	17.45	61.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
		5078.2	51.08	-22.92	74	39.16	31.96	10.39	30.43	282	10	P	H
		5107.44	41.45	-12.55	54	29.44	32.01	10.43	30.43	282	10	A	H
	*	5260	102.07	-	-	90.42	31.48	10.6	30.43	282	10	P	H
	*	5260	91.5	-	-	79.85	31.48	10.6	30.43	282	10	A	H
802.11ax		5438.16	51.04	-22.96	74	39.06	31.7	10.71	30.43	282	10	P	H
HE20 Full		5459.76	41.11	-12.89	54	29.05	31.76	10.73	30.43	282	10	A	H
CH 52		5018.7	50.9	-23.1	74	39.26	31.77	10.3	30.43	100	11	P	V
5260MHz		5108.46	41.39	-12.61	54	29.37	32.02	10.43	30.43	100	11	A	V
	*	5260	105.86	-	-	94.21	31.48	10.6	30.43	100	11	P	V
	*	5260	95.19	-	-	83.54	31.48	10.6	30.43	100	11	A	V
		5417.04	52.15	-21.85	74	40.2	31.7	10.68	30.43	100	11	P	V
		5417.52	41.28	-12.72	54	29.33	31.7	10.68	30.43	100	11	A	V
		5102.68	51.31	-22.69	74	39.31	32.01	10.42	30.43	279	11	P	H
		5106.42	41.4	-12.6	54	29.39	32.01	10.43	30.43	279	11	A	H
	*	5300	100.61	-	-	89.03	31.4	10.61	30.43	279	11	P	H
	*	5300	90.29	-	-	78.71	31.4	10.61	30.43	279	11	A	H
802.11ax		5352.48	51.2	-22.8	74	39.58	31.41	10.64	30.43	279	11	P	H
HE20 Full		5458.32	41.15	-12.85	54	29.1	31.75	10.73	30.43	279	11	A	H
CH 60		5124.78	51.1	-22.9	74	39.02	32.05	10.46	30.43	100	3	P	V
5300MHz		5108.46	41.35	-12.65	54	29.33	32.02	10.43	30.43	100	3	A	V
	*	5300	106.11	-	-	94.53	31.4	10.61	30.43	100	3	P	V
	*	5300	95.69	-	-	84.11	31.4	10.61	30.43	100	3	A	V
		5395.2	51.41	-22.59	74	39.51	31.67	10.66	30.43	100	3	P	V
		5459.52	41.47	-12.53	54	29.41	31.76	10.73	30.43	100	3	A	V

	*	5320	100.94	-	-	89.35	31.4	10.62	30.43	262	7	P	H
	*	5320	89.62	-	-	78.03	31.4	10.62	30.43	262	7	A	H
		5416.8	50.8	-23.2	74	38.85	31.7	10.68	30.43	262	7	P	H
		5457.12	41.14	-12.86	54	29.1	31.74	10.73	30.43	262	7	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	106.68	-	-	95.09	31.4	10.62	30.43	100	4	P	V
5320MHz	*	5320	96.01	-	-	84.42	31.4	10.62	30.43	100	4	A	V
		5447.68	51.9	-22.1	74	39.91	31.7	10.72	30.43	100	4	P	V
		5460	41.47	-12.53	54	29.41	31.76	10.73	30.43	100	4	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+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)
		10520	47.39	-20.81	68.2	53.97	40.12	14.4	61.1	100	0	P	H
		15780	46.21	-27.79	74	53.03	37.34	17.4	61.56	100	0	P	H
802.11ax													H
HE20 Full													H
CH 52		10520	46.75	-21.45	68.2	53.33	40.12	14.4	61.1	100	0	P	V
5260MHz		15780	45.99	-28.01	74	52.81	37.34	17.4	61.56	100	0	P	V
													V
													V
		10600	49.68	-24.32	74	56.18	40.2	14.4	61.1	100	0	P	H
		15900	44.71	-29.29	74	51.43	36.8	17.46	60.98	100	0	P	H
802.11ax													H
HE20 Full													H
CH 60		10600	48.64	-25.36	74	55.14	40.2	14.4	61.1	100	0	P	V
5300MHz		15900	45.46	-28.54	74	52.18	36.8	17.46	60.98	100	0	P	V
													V
													V
		10640	48.86	-25.14	74	55.41	40.16	14.39	61.1	100	0	P	H
		15960	46.19	-27.81	74	52.47	36.92	17.49	60.69	100	0	P	H
802.11ax													H
HE20 Full													H
CH 64		10640	49.47	-24.53	74	56.02	40.16	14.39	61.1	100	0	P	V
5320MHz		15960	45.91	-28.09	74	52.19	36.92	17.49	60.69	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	106.13	-	-	94.54	31.4	10.62	30.43	258	248	P	H
	*	5320	95.35	-	-	83.76	31.4	10.62	30.43	258	248	A	H
		5419.36	51.15	-22.85	74	39.2	31.7	10.68	30.43	258	248	P	H
		5422.56	40.85	-13.15	54	28.89	31.7	10.69	30.43	258	248	A	H
													H
													H
	*	5320	110.33	-	-	98.74	31.4	10.62	30.43	115	351	P	V
	*	5320	99.44	-	-	87.85	31.4	10.62	30.43	115	351	A	V
		5456.64	51.82	-22.18	74	39.78	31.74	10.73	30.43	115	351	P	V
		5460	40.9	-13.1	54	28.84	31.76	10.73	30.43	115	351	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/8 CH 64 5320MHz		10640	61.15	-12.85	74	67.7	40.16	14.39	61.1	210	309	P	H
		10640	46.51	-7.49	54	53.06	40.16	14.39	61.1	210	309	A	H
		15960	46.75	-27.25	74	53.03	36.92	17.49	60.69	100	0	P	H
													H
		10640	54.02	-19.98	74	60.57	40.16	14.39	61.1	400	14	P	V
		10640	41.53	-12.47	54	48.08	40.16	14.39	61.1	400	14	A	V
		15960	53.77	-20.23	74	60.05	36.92	17.49	60.69	200	335	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
	*	5320	108.82	-	-	97.23	31.4	10.62	30.43	100	306	P	H
	*	5320	98.38	-	-	86.79	31.4	10.62	30.43	100	306	A	H
		5404.16	51.1	-22.9	74	39.16	31.7	10.67	30.43	100	306	P	H
802.11ax		5460	40.85	-13.15	54	28.79	31.76	10.73	30.43	100	306	A	H
HE20													H
Partial													H
52/40	*	5320	114.85	-	-	103.26	31.4	10.62	30.43	100	349	P	V
CH 64	*	5320	104.03	-	-	92.44	31.4	10.62	30.43	100	349	A	V
5320MHz		5404.16	51.93	-22.07	74	39.99	31.7	10.67	30.43	100	349	P	V
		5403.84	41.19	-12.81	54	29.25	31.7	10.67	30.43	100	349	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
		10640	60.49	-13.51	74	67.04	40.16	14.39	61.1	211	311	P	H
802.11ax		10640	48.12	-5.88	54	54.67	40.16	14.39	61.1	211	311	A	H
HE20		15960	46.94	-27.06	74	53.22	36.92	17.49	60.69	100	0	P	H
Partial													H
52/40		10640	53.63	-20.37	74	60.18	40.16	14.39	61.1	400	15	P	V
CH 64		10640	42.71	-31.29	74	49.26	40.16	14.39	61.1	400	15	P	V
5320MHz		15960	49.87	-24.13	74	56.15	36.92	17.49	60.69	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
	*	5320	105.03	-	-	93.44	31.4	10.62	30.43	100	305	P	H
	*	5320	95.08	-	-	83.49	31.4	10.62	30.43	100	305	A	H
		5449.76	51.42	-22.58	74	39.43	31.7	10.72	30.43	100	305	P	H
802.11ax		5460	40.85	-13.15	54	28.79	31.76	10.73	30.43	100	305	A	H
HE20													H
Partial													H
106/54	*	5320	111.57	-	-	99.98	31.4	10.62	30.43	100	4	P	V
CH 64	*	5320	101.71	-	-	90.12	31.4	10.62	30.43	100	4	A	V
5320MHz		5421.76	51.91	-22.09	74	39.95	31.7	10.69	30.43	100	4	P	V
		5459.36	41.19	-12.81	54	29.13	31.76	10.73	30.43	100	4	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. 0+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)
		5065.96	52.6	-21.4	74	40.73	31.93	10.37	30.43	269	11	P	H
		5109.48	41.47	-12.53	54	29.45	32.02	10.43	30.43	269	11	A	H
	*	5270	100.35	-	-	88.72	31.46	10.6	30.43	269	11	P	H
	*	5270	89.57	-	-	77.94	31.46	10.6	30.43	269	11	A	H
802.11ax		5406.24	52.08	-21.92	74	40.14	31.7	10.67	30.43	269	11	P	H
HE40 Full		5460	41.17	-12.83	54	29.11	31.76	10.73	30.43	269	11	A	H
CH 54		5108.12	52.08	-21.92	74	40.06	32.02	10.43	30.43	100	10	P	V
5270MHz		5101.66	41.42	-12.58	54	29.43	32	10.42	30.43	100	10	A	V
	*	5270	104.14	-	-	92.51	31.46	10.6	30.43	100	10	P	V
	*	5270	93.49	-	-	81.86	31.46	10.6	30.43	100	10	A	V
		5406.96	52.96	-21.04	74	41.02	31.7	10.67	30.43	100	10	P	V
		5426.4	41.36	-12.64	54	29.40	31.7	10.67	30.43	100	10	P	V
		5103.02	51.09	-22.91	74	39.08	32.01	10.43	30.43	279	10	P	H
		5107.1	41.43	-12.57	54	29.42	32.01	10.43	30.43	279	10	A	H
	*	5310	97.9	-	-	86.31	31.4	10.62	30.43	279	10	P	H
	*	5310	87.57	-	-	75.98	31.4	10.62	30.43	279	10	A	H
802.11ax		5383.44	50.95	-23.05	74	39.13	31.6	10.65	30.43	279	10	P	H
HE40 Full		5459.04	41.3	-12.7	54	29.25	31.75	10.73	30.43	279	10	A	H
CH 62		5106.76	51.46	-22.54	74	39.45	32.01	10.43	30.43	100	4	P	V
5310MHz		5105.06	41.39	-12.61	54	29.38	32.01	10.43	30.43	100	4	A	V
	*	5310	104.43	-	-	92.84	31.4	10.62	30.43	100	4	P	V
	*	5310	93.69	-	-	82.1	31.4	10.62	30.43	100	4	A	V
		5437.2	52.01	-21.99	74	40.04	31.7	10.7	30.43	100	4	P	V
		5350.08	41.72	-12.28	54	30.11	31.4	10.64	30.43	100	4	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+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)
		10540	47.35	-20.85	68.2	53.91	40.14	14.4	61.1	100	0	P	H
		15810	45.2	-28.8	74	51.95	37.25	17.41	61.41	100	0	P	H
802.11ax													H
HE40 Full													H
CH 54		10540	46.94	-21.26	68.2	53.5	40.14	14.4	61.1	100	0	P	V
5270MHz		15810	46.22	-27.78	74	52.97	37.25	17.41	61.41	100	0	P	V
													V
													V
		10620	49.46	-24.54	74	55.99	40.18	14.39	61.1	100	0	P	H
		15930	44.29	-29.71	74	50.79	36.86	17.48	60.84	100	0	P	H
802.11ax													H
HE40 Full													H
CH 62		10620	48.44	-25.56	74	54.97	40.18	14.39	61.1	100	0	P	V
5310MHz		15930	44.21	-29.79	74	50.71	36.86	17.48	60.84	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5146.2	51.1	-22.9	74	38.95	32.09	10.49	30.43	100	307	P	H
		5103.7	41.15	-12.85	54	29.14	32.01	10.43	30.43	100	307	A	H
	*	5310	102.95	-	-	91.36	31.4	10.62	30.43	100	307	P	H
	*	5310	92.52	-	-	80.93	31.4	10.62	30.43	100	307	A	H
		5442.48	51.64	-22.36	74	39.66	31.7	10.71	30.43	100	307	P	H
		5459.04	40.89	-13.11	54	28.84	31.75	10.73	30.43	100	307	A	H
		5034.68	51.27	-22.73	74	39.54	31.84	10.32	30.43	100	4	P	V
		5100.64	41.14	-12.86	54	29.15	32	10.42	30.43	100	4	A	V
	*	5310	109.6	-	-	98.01	31.4	10.62	30.43	100	4	P	V
	*	5310	98.08	-	-	86.49	31.4	10.62	30.43	100	4	A	V
		5444.88	51.15	-22.85	74	39.17	31.7	10.71	30.43	100	4	P	V
		5459.52	41.11	-12.89	54	29.05	31.76	10.73	30.43	100	4	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. 0+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)
802.11ax HE80 Full CH 58 5290MHz		5131.92	51.6	-22.4	74	39.5	32.06	10.47	30.43	269	11	P	H
		5149.94	41.49	-12.51	54	29.33	32.1	10.49	30.43	269	11	A	H
	*	5290	97.91	-	-	86.31	31.42	10.61	30.43	269	11	P	H
	*	5290	86.43	-	-	74.83	31.42	10.61	30.43	269	11	A	H
		5394.72	51.59	-22.41	74	39.69	31.67	10.66	30.43	269	11	P	H
		5458.8	41.28	-12.72	54	29.23	31.75	10.73	30.43	269	11	A	H
		5119	51.29	-22.71	74	39.23	32.04	10.45	30.43	100	3	P	V
		5110.5	41.34	-12.66	54	29.31	32.02	10.44	30.43	100	3	A	V
	*	5290	100.42	-	-	88.82	31.42	10.61	30.43	100	3	P	V
	*	5290	90	-	-	78.4	31.42	10.61	30.43	100	3	A	V
		5353.2	52.7	-21.3	74	41.07	31.42	10.64	30.43	100	3	P	V
		5350.08	42.19	-11.81	54	30.58	31.4	10.64	30.43	100	3	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. 0+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)
		10580	46.92	-21.28	68.2	53.44	40.18	14.4	61.1	100	0	P	H
		15870	44.89	-29.11	74	51.61	36.95	17.45	61.12	100	0	P	H
802.11ax													H
HE80 Full													H
CH 58		10580	47.63	-20.57	68.2	54.15	40.18	14.4	61.1	100	0	P	V
5290MHz		15870	44.57	-29.43	74	51.29	36.95	17.45	61.12	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 0+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)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5114.58	50.92	-23.08	74	38.88	32.03	10.44	30.43	100	306	P	H
		5099.62	41.08	-12.92	54	29.09	32	10.42	30.43	100	306	A	H
	*	5290	99.47	-	-	87.87	31.42	10.61	30.43	100	306	P	H
	*	5290	88.02	-	-	76.42	31.42	10.61	30.43	100	306	A	H
		5418.96	50.94	-23.06	74	38.99	31.7	10.68	30.43	100	306	P	H
		5459.28	40.71	-13.29	54	28.65	31.76	10.73	30.43	100	306	A	H
		5085.34	50.91	-23.09	74	38.97	31.97	10.4	30.43	100	5	P	V
		5106.42	41.04	-12.96	54	29.03	32.01	10.43	30.43	100	5	A	V
	*	5290	106.84	-	-	95.24	31.42	10.61	30.43	100	5	P	V
	*	5290	95.23	-	-	83.63	31.42	10.61	30.43	100	5	A	V
		5374.56	52.26	-21.74	74	40.49	31.55	10.65	30.43	100	5	P	V
		5352	41.14	-12.86	54	29.52	31.41	10.64	30.43	100	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+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		5457.36	51.9	-22.1	74	39.86	31.74	10.73	30.43	100	288	P	H
		5460.08	51.43	-16.77	68.2	39.37	31.76	10.73	30.43	100	288	P	H
		5459.92	40.98	-13.02	54	28.92	31.76	10.73	30.43	100	288	A	H
	*	5500	100.86	-	-	88.51	32	10.78	30.43	100	288	P	H
	*	5500	92.97	-	-	80.62	32	10.78	30.43	100	288	A	H
													H
		5387.28	52.16	-21.84	74	40.31	31.62	10.66	30.43	100	347	P	V
		5469.04	53.12	-15.08	68.2	41	31.81	10.74	30.43	100	347	P	V
		5457.36	41.25	-12.75	54	29.21	31.74	10.73	30.43	100	347	A	V
	*	5500	106.39	-	-	94.04	32	10.78	30.43	100	347	P	V
	*	5500	98.97	-	-	86.62	32	10.78	30.43	100	347	A	V
													V
802.11a CH 116 5580MHz		5440.48	51.21	-22.79	74	39.23	31.7	10.71	30.43	100	303	P	H
		5468.32	49.8	-18.4	68.2	37.68	31.81	10.74	30.43	100	303	P	H
		5459.92	40.98	-13.02	54	28.92	31.76	10.73	30.43	100	303	A	H
	*	5580	99.84	-	-	87.59	31.86	10.87	30.48	100	303	P	H
	*	5580	89.95	-	-	77.7	31.86	10.87	30.48	100	303	A	H
		5750.825	50.71	-17.49	68.2	38.44	32	10.86	30.59	100	303	P	H
		5393.92	50.96	-23.04	74	39.07	31.66	10.66	30.43	100	353	P	V
		5464.96	50.49	-17.71	68.2	38.39	31.79	10.74	30.43	100	353	P	V
		5458.24	41.3	-12.7	54	29.25	31.75	10.73	30.43	100	353	A	V
	*	5580	105.94	-	-	93.69	31.86	10.87	30.48	100	353	P	V
	*	5580	97.1	-	-	84.85	31.86	10.87	30.48	100	353	A	V
		5757.125	51.37	-16.83	68.2	39.07	32.03	10.86	30.59	100	353	P	V

802.11a CH 140 5700MHz	*	5700	99.15	-	-	86.83	32	10.87	30.55	100	292	P	H
	*	5700	91.75	-	-	79.43	32	10.87	30.55	100	292	A	H
		5738.36	52.15	-16.05	68.2	39.86	32	10.87	30.58	100	292	P	H
													H
													H
													H
	*	5700	106.25	-	-	93.93	32	10.87	30.55	100	344	P	V
	*	5700	98.76	-	-	86.44	32	10.87	30.55	100	344	A	V
		5750.28	52.33	-15.87	68.2	40.06	32	10.86	30.59	100	344	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. 0+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	49.58	-24.42	74	55.71	40.6	14.37	61.1	100	0	P	H
		16500	47.79	-20.41	68.2	50.28	38.8	18.11	59.4	100	0	P	H
													H
													H
		11000	48.93	-25.07	74	55.06	40.6	14.37	61.1	100	0	P	V
		16500	47.7	-20.5	68.2	50.19	38.8	18.11	59.4	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	49.23	-24.77	74	55.51	40.22	14.54	61.04	100	0	P	H
		16740	48.95	-19.25	68.2	49.83	39.98	18.4	59.26	100	0	P	H
													H
													H
		11160	48.32	-25.68	74	54.6	40.22	14.54	61.04	100	0	P	V
		16740	48.66	-19.54	68.2	49.54	39.98	18.4	59.26	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	49.53	-24.47	74	55.38	40.3	14.79	60.94	100	0	P	H
		17100	49.65	-18.55	68.2	49.01	40.8	18.82	58.98	100	0	P	H
													H
													H
		11400	48.48	-25.52	74	54.33	40.3	14.79	60.94	100	0	P	V
		17100	49.82	-18.38	68.2	49.18	40.8	18.82	58.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5368.08	51.57	-22.43	74	39.84	31.51	10.65	30.43	100	284	P	H
		5466.32	51.3	-16.9	68.2	39.19	31.8	10.74	30.43	100	284	P	H
		5459.28	41.06	-12.94	54	29	31.76	10.73	30.43	100	284	A	H
	*	5500	99.66	-	-	87.31	32	10.78	30.43	100	284	P	H
802.11n	*	5500	90.25	-	-	77.9	32	10.78	30.43	100	284	A	H
HT20													H
CH 100		5381.04	51.07	-22.93	74	39.26	31.59	10.65	30.43	100	353	P	V
5500MHz		5461.04	51.24	-16.96	68.2	39.17	31.77	10.73	30.43	100	353	P	V
		5459.44	41.21	-12.79	54	29.15	31.76	10.73	30.43	100	353	A	V
	*	5500	106.73	-	-	94.38	32	10.78	30.43	100	353	P	V
	*	5500	97.55	-	-	85.2	32	10.78	30.43	100	353	A	V
													V
		5440.48	51.21	-22.79	74	39.23	31.7	10.71	30.43	100	303	P	H
		5468.32	49.8	-18.4	68.2	37.68	31.81	10.74	30.43	100	303	P	H
		5459.92	40.98	-13.02	54	28.92	31.76	10.73	30.43	100	303	A	H
	*	5580	99.84	-	-	87.59	31.86	10.87	30.48	100	303	P	H
802.11n	*	5580	89.95	-	-	77.7	31.86	10.87	30.48	100	303	A	H
HT20		5750.825	50.71	-17.49	68.2	38.44	32	10.86	30.59	100	303	P	H
CH 116		5393.92	50.96	-23.04	74	39.07	31.66	10.66	30.43	100	353	P	V
5580MHz		5464.96	50.49	-17.71	68.2	38.39	31.79	10.74	30.43	100	353	P	V
		5458.24	41.3	-12.7	54	29.25	31.75	10.73	30.43	100	353	A	V
	*	5580	105.94	-	-	93.69	31.86	10.87	30.48	100	353	P	V
	*	5580	97.1	-	-	84.85	31.86	10.87	30.48	100	353	A	V
		5757.125	51.37	-16.83	68.2	39.07	32.03	10.86	30.59	100	353	P	V

	*	5700	98.38	-	-	86.06	32	10.87	30.55	100	305	P	H
	*	5700	88.92	-	-	76.6	32	10.87	30.55	100	305	A	H
		5761.48	51.56	-16.64	68.2	39.24	32.05	10.86	30.59	100	305	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	105.58	-	-	93.26	32	10.87	30.55	100	346	P	V
5700MHz	*	5700	96.17	-	-	83.85	32	10.87	30.55	100	346	A	V
		5752.44	52.07	-16.13	68.2	39.79	32.01	10.86	30.59	100	346	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0+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)
		11000	49.27	-24.73	74	55.4	40.6	14.37	61.1	100	0	P	H
		16500	47.06	-21.14	68.2	49.55	38.8	18.11	59.4	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	49.43	-24.57	74	55.56	40.6	14.37	61.1	100	0	P	V
5500MHz		16500	47.19	-21.01	68.2	49.68	38.8	18.11	59.4	100	0	P	V
													V
													V
		11160	49.55	-24.45	74	55.83	40.22	14.54	61.04	100	0	P	H
		16740	48.92	-19.28	68.2	49.8	39.98	18.4	59.26	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	47.93	-26.07	74	54.21	40.22	14.54	61.04	100	0	P	V
5580MHz		16740	50.16	-18.04	68.2	51.04	39.98	18.4	59.26	100	0	P	V
													V
													V
		11400	48.98	-25.02	74	54.83	40.3	14.79	60.94	100	0	P	H
		17100	49.94	-18.26	68.2	49.3	40.8	18.82	58.98	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	48.57	-25.43	74	54.42	40.3	14.79	60.94	100	0	P	V
5700MHz		17100	49.69	-18.51	68.2	49.05	40.8	18.82	58.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5407.12	51.84	-22.16	74	39.9	31.7	10.67	30.43	100	305	P	H
		5464	50.64	-17.56	68.2	38.55	31.78	10.74	30.43	100	305	P	H
		5459.92	40.95	-13.05	54	28.89	31.76	10.73	30.43	100	305	A	H
	*	5510	95.17	-	-	82.86	31.96	10.79	30.44	100	305	P	H
802.11n	*	5510	86.03	-	-	73.72	31.96	10.79	30.44	100	305	A	H
HT40		5735.705	50.72	-17.48	68.2	38.43	32	10.87	30.58	100	305	P	H
CH 102		5392.48	50.78	-23.22	74	38.9	31.65	10.66	30.43	100	353	P	V
5510MHz		5467.6	53.03	-15.17	68.2	40.91	31.81	10.74	30.43	100	353	P	V
		5459.2	41.31	-12.69	54	29.25	31.76	10.73	30.43	100	353	A	V
	*	5510	103.8	-	-	91.49	31.96	10.79	30.44	100	353	P	V
	*	5510	94.28	-	-	81.97	31.96	10.79	30.44	100	353	A	V
		5744.21	52.31	-15.89	68.2	40.03	32	10.86	30.58	100	353	P	V
		5429.68	50.78	-23.22	74	38.81	31.7	10.7	30.43	100	291	P	H
		5464.72	50.28	-17.92	68.2	38.18	31.79	10.74	30.43	100	291	P	H
		5458.72	41.01	-12.99	54	28.96	31.75	10.73	30.43	100	291	A	H
	*	5550	97.28	-	-	85.1	31.8	10.84	30.46	100	291	P	H
802.11n	*	5550	87.53	-	-	75.35	31.8	10.84	30.46	100	291	A	H
HT40		5756.81	50.18	-18.02	68.2	37.88	32.03	10.86	30.59	100	291	P	H
CH 110		5378.08	51.59	-22.41	74	39.8	31.57	10.65	30.43	100	352	P	V
5550MHz		5461.12	50.57	-17.63	68.2	38.5	31.77	10.73	30.43	100	352	P	V
		5458.24	41.22	-12.78	54	29.17	31.75	10.73	30.43	100	352	A	V
	*	5550	104.04	-	-	91.86	31.8	10.84	30.46	100	352	P	V
	*	5550	94.69	-	-	82.51	31.8	10.84	30.46	100	352	A	V
		5739.17	50.22	-17.98	68.2	37.94	32	10.86	30.58	100	352	P	V

		5404.6	50.48	-23.52	74	38.54	31.7	10.67	30.43	100	290	P	H
		5468.3	50.66	-17.54	68.2	38.54	31.81	10.74	30.43	100	290	P	H
		5458.85	41.02	-12.98	54	28.97	31.75	10.73	30.43	100	290	A	H
	*	5670	102.78	-	-	90.56	31.88	10.88	30.54	100	290	P	H
802.11n	*	5670	93.33	-	-	81.11	31.88	10.88	30.54	100	290	A	H
HT40		5743.125	50.9	-17.3	68.2	38.62	32	10.86	30.58	100	290	P	H
CH 134		5449.05	51.14	-22.86	74	39.15	31.7	10.72	30.43	100	357	P	V
5670MHz		5460.25	49.46	-18.74	68.2	37.4	31.76	10.73	30.43	100	357	P	V
		5457.45	41.11	-12.89	54	29.07	31.74	10.73	30.43	100	357	A	V
	*	5670	103.14	-	-	90.92	31.88	10.88	30.54	100	357	P	V
	*	5670	93.72	-	-	81.5	31.88	10.88	30.54	100	357	A	V
		5741.725	51.61	-16.59	68.2	39.33	32	10.86	30.58	100	357	P	V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0+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)
		11020	49.92	-24.08	74	56.06	40.56	14.39	61.09	100	0	P	H
		16530	47.77	-20.43	68.2	50.18	38.83	18.14	59.38	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	49.92	-24.08	74	56.06	40.56	14.39	61.09	100	0	P	V
5510MHz		16530	47.19	-21.01	68.2	49.6	38.83	18.14	59.38	100	0	P	V
													V
													V
		11100	49.56	-24.44	74	55.75	40.4	14.47	61.06	100	0	P	H
		16650	47.59	-20.61	68.2	49.31	39.3	18.29	59.31	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	47.81	-26.19	74	54	40.4	14.47	61.06	100	0	P	V
5550MHz		16650	47.56	-20.64	68.2	49.28	39.3	18.29	59.31	100	0	P	V
													V
													V
		11340	47.99	-26.01	74	54.04	40.18	14.73	60.96	100	0	P	H
		17010	50.01	-18.19	68.2	49.75	40.62	18.73	59.09	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	48.5	-25.5	74	54.55	40.18	14.73	60.96	100	0	P	V
5670MHz		17010	49.56	-18.64	68.2	49.3	40.62	18.73	59.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+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)
		5459.2	51.68	-22.32	74	39.62	31.76	10.73	30.43	100	285	P	H
		5464.72	51.16	-17.04	68.2	39.06	31.79	10.74	30.43	100	285	P	H
		5459.44	41.06	-12.94	54	29	31.76	10.73	30.43	100	285	A	H
	*	5530	93.56	-	-	81.32	31.88	10.81	30.45	100	285	P	H
802.11ac	*	5530	85.2	-	-	72.96	31.88	10.81	30.45	100	285	A	H
VHT80		5727.515	51.45	-16.75	68.2	39.15	32	10.87	30.57	100	285	P	H
CH 106		5363.44	52.32	-21.68	74	40.63	31.48	10.64	30.43	100	353	P	V
5530MHz		5470	53.89	-14.31	68.2	41.76	31.82	10.74	30.43	100	353	P	V
		5458.72	41.58	-12.42	54	29.53	31.75	10.73	30.43	100	353	A	V
	*	5530	100.66	-	-	88.42	31.88	10.81	30.45	100	353	P	V
	*	5530	91.81	-	-	79.57	31.88	10.81	30.45	100	353	A	V
		5739.485	51.54	-16.66	68.2	39.26	32	10.86	30.58	100	353	P	V
		5374.72	51.04	-22.96	74	39.27	31.55	10.65	30.43	100	303	P	H
		5469.04	50.35	-17.85	68.2	38.23	31.81	10.74	30.43	100	303	P	H
		5459.68	40.98	-13.02	54	28.92	31.76	10.73	30.43	100	303	A	H
	*	5610	93.12	-	-	80.85	31.88	10.89	30.5	100	303	P	H
802.11ac	*	5610	84.03	-	-	71.76	31.88	10.89	30.5	100	303	A	H
VHT80		5761.22	50.36	-17.84	68.2	38.05	32.04	10.86	30.59	100	303	P	H
CH 122		5372.08	51.63	-22.37	74	39.88	31.53	10.65	30.43	100	352	P	V
5610MHz		5463.28	50.45	-17.75	68.2	38.36	31.78	10.74	30.43	100	352	P	V
		5458.48	41.34	-12.66	54	29.29	31.75	10.73	30.43	100	352	A	V
	*	5610	100.68	-	-	88.41	31.88	10.89	30.5	100	352	P	V
	*	5610	91.69	-	-	79.42	31.88	10.89	30.5	100	352	A	V
		5763.11	50.4	-17.8	68.2	38.08	32.05	10.86	30.59	100	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 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 0+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)
		11060	49.28	-24.72	74	55.45	40.48	14.43	61.08	100	0	P	H
		16590	47.14	-21.06	68.2	49.38	38.89	18.22	59.35	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	48.85	-25.15	74	55.02	40.48	14.43	61.08	100	0	P	V
5530MHz		16590	47.18	-21.02	68.2	49.42	38.89	18.22	59.35	100	0	P	V
													V
													V
		11220	49.85	-24.15	74	56.16	40.1	14.6	61.01	100	0	P	H
		16830	49.15	-19.05	68.2	49.51	40.34	18.5	59.2	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	48.37	-25.63	74	54.68	40.1	14.6	61.01	100	0	P	V
5610MHz		16830	49.32	-18.88	68.2	49.68	40.34	18.5	59.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
		5414.48	51.35	-22.65	74	39.4	31.7	10.68	30.43	375	251	P	H
		5462	50.8	-17.4	68.2	38.73	31.77	10.73	30.43	375	251	P	H
		5457.52	41.14	-12.86	54	29.09	31.75	10.73	30.43	375	251	A	H
	*	5500	98.68	-	-	86.33	32	10.78	30.43	375	251	P	H
802.11ax	*	5500	88.26	-	-	75.91	32	10.78	30.43	375	251	A	H
HE20 Full		5380.88	51.68	-22.32	74	39.87	31.59	10.65	30.43	100	3	P	V
CH 100		5468.08	51.09	-17.11	68.2	38.97	31.81	10.74	30.43	100	3	P	V
5500MHz		5459.92	41.36	-12.64	54	29.3	31.76	10.73	30.43	100	3	A	V
	*	5500	106.13	-	-	93.78	32	10.78	30.43	100	3	P	V
	*	5500	95.39	-	-	83.04	32	10.78	30.43	100	3	A	V
													V
													V
		5361.28	51.05	-22.95	74	39.37	31.47	10.64	30.43	363	250	P	H
		5460.88	51.02	-17.18	68.2	38.95	31.77	10.73	30.43	363	250	P	H
		5458.24	41.15	-12.85	54	29.1	31.75	10.73	30.43	363	250	A	H
	*	5580	99.98	-	-	87.73	31.86	10.87	30.48	363	250	P	H
802.11ax	*	5580	88.98	-	-	76.73	31.86	10.87	30.48	363	250	A	H
HE20 Full		5730.98	50.43	-17.77	68.2	38.13	32	10.87	30.57	363	250	P	H
CH 116		5449.36	51.73	-22.27	74	39.74	31.7	10.72	30.43	100	2	P	V
5580MHz		5462.08	50.26	-17.94	68.2	38.19	31.77	10.73	30.43	100	2	P	V
		5458.72	41.28	-12.72	54	29.23	31.75	10.73	30.43	100	2	A	V
	*	5580	106.36	-	-	94.11	31.86	10.87	30.48	100	2	P	V
	*	5580	95.52	-	-	83.27	31.86	10.87	30.48	100	2	A	V
		5757.755	51.58	-16.62	68.2	39.28	32.03	10.86	30.59	100	2	P	V

	*	5700	99.25	-	-	86.93	32	10.87	30.55	304	39	P	H
	*	5700	88.3	-	-	75.98	32	10.87	30.55	304	39	A	H
		5736.2	51.35	-16.85	68.2	39.06	32	10.87	30.58	304	39	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	105.73	-	-	93.41	32	10.87	30.55	100	351	P	V
5700MHz	*	5700	95.32	-	-	83	32	10.87	30.55	100	351	A	V
		5736.36	51.67	-16.53	68.2	39.38	32	10.87	30.58	100	351	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. 0+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)
		11000	48.89	-25.11	74	55.02	40.6	14.37	61.1	100	0	P	H
		16500	46.61	-21.59	68.2	49.1	38.8	18.11	59.4	100	0	P	H
802.11ax													H
HE20 Full													H
CH 100		11000	48.64	-25.36	74	54.77	40.6	14.37	61.1	100	0	P	V
5500MHz		16500	47.28	-20.92	68.2	49.77	38.8	18.11	59.4	100	0	P	V
													V
													V
		11160	48.34	-25.66	74	54.62	40.22	14.54	61.04	100	0	P	H
		16740	48.19	-20.01	68.2	49.07	39.98	18.4	59.26	100	0	P	H
802.11ax													H
HE20 Full													H
CH 116		11160	48.1	-25.9	74	54.38	40.22	14.54	61.04	100	0	P	V
5580MHz		16740	48.96	-19.24	68.2	49.84	39.98	18.4	59.26	100	0	P	V
													V
													V
		11400	48.84	-25.16	74	54.69	40.3	14.79	60.94	100	0	P	H
		17100	49.53	-18.67	68.2	48.89	40.8	18.82	58.98	100	0	P	H
802.11ax													H
HE20 Full													H
CH 140		11400	48.54	-25.46	74	54.39	40.3	14.79	60.94	100	0	P	V
5700MHz		17100	49.01	-19.19	68.2	48.37	40.8	18.82	58.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5449.04	51.63	-22.37	74	39.64	31.7	10.72	30.43	100	299	P	H
		5468.4	50.91	-17.29	68.2	38.79	31.81	10.74	30.43	100	299	P	H
		5458.8	40.85	-13.15	54	28.8	31.75	10.73	30.43	100	299	A	H
	*	5500	106.29	-	-	93.94	32	10.78	30.43	100	299	P	H
	*	5500	97.16	-	-	84.81	32	10.78	30.43	100	299	A	H
													H
		5437.2	51.92	-22.08	74	39.95	31.7	10.7	30.43	392	346	P	V
		5461.36	52.21	-15.99	68.2	40.14	31.77	10.73	30.43	392	346	P	V
		5414.8	41.09	-12.91	54	29.14	31.7	10.68	30.43	392	346	A	V
	*	5500	113.48	-	-	101.13	32	10.78	30.43	392	346	P	V
	*	5500	104.02	-	-	91.67	32	10.78	30.43	392	346	A	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	109.68	-	-	97.36	32	10.87	30.55	262	38	P	H
	*	5700	98.75	-	-	86.43	32	10.87	30.55	262	38	A	H
		5737.8	52.87	-15.33	68.2	40.58	32	10.87	30.58	262	38	P	H
													H
													H
													H
	*	5700	114.91	-	-	102.59	32	10.87	30.55	100	345	P	V
	*	5700	104.1	-	-	91.78	32	10.87	30.55	100	345	A	V
		5743.8	51.28	-16.92	68.2	39	32	10.86	30.58	100	345	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 26/0 CH 100 5500MHz		11000	49.84	-24.16	74	55.97	40.6	14.37	61.1	100	0	P	H
		16500	48.15	-20.05	68.2	50.64	38.8	18.11	59.4	100	0	P	H
													H
													H
		11000	48.45	-25.55	74	54.58	40.6	14.37	61.1	100	0	P	V
		16500	47.49	-20.71	68.2	49.98	38.8	18.11	59.4	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
		5371.6	53.44	-20.56	74	41.69	31.53	10.65	30.43	274	192	P	H
		5463.12	51.66	-16.54	68.2	39.57	31.78	10.74	30.43	274	192	P	H
		5415.44	41.11	-12.89	54	29.16	31.7	10.68	30.43	274	192	A	H
802.11ax	*	5500	109.76	-	-	97.41	32	10.78	30.43	274	192	P	H
HE20	*	5500	100.61	-	-	88.26	32	10.78	30.43	274	192	A	H
Partial													H
52/37		5353.2	51.78	-22.22	74	40.15	31.42	10.64	30.43	100	341	P	V
CH 100		5468.56	52.25	-15.95	68.2	40.13	31.81	10.74	30.43	100	341	P	V
5500MHz		5415.44	41.26	-12.74	54	29.31	31.7	10.68	30.43	100	341	A	V
	*	5500	112.45	-	-	100.1	32	10.78	30.43	100	341	P	V
	*	5500	103.36	-	-	91.01	32	10.78	30.43	100	341	A	V
													V
	*	5700	107.56	-	-	95.24	32	10.87	30.55	266	39	P	H
	*	5700	98	-	-	85.68	32	10.87	30.55	266	39	A	H
		5735.48	53.02	-15.18	68.2	40.73	32	10.87	30.58	266	39	P	H
802.11ax													H
HE20													H
Partial													H
52/40	*	5700	113.64	-	-	101.32	32	10.87	30.55	100	345	P	V
CH 140	*	5700	103.89	-	-	91.57	32	10.87	30.55	100	345	A	V
5700MHz		5728.2	52.75	-15.45	68.2	40.45	32	10.87	30.57	100	345	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		10985	57.47	-16.53	74	63.63	40.57	14.37	61.1	201	344	P	H
		10985	45.11	-8.89	54	51.27	40.57	14.37	61.1	201	344	A	H
		16500	47.9	-20.3	68.2	50.39	38.8	18.11	59.4	100	0	P	H
													H
		11000	48.82	-25.18	74	54.95	40.6	14.37	61.1	100	0	P	V
		16500	47.82	-20.38	68.2	50.31	38.8	18.11	59.4	100	0	P	V
		11000	48.82	-25.18	74	54.95	40.6	14.37	61.1	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
		5415.76	52.37	-21.63	74	40.42	31.7	10.68	30.43	288	192	P	H
		5468.72	52.1	-16.1	68.2	39.98	31.81	10.74	30.43	288	192	P	H
		5414.48	40.98	-13.02	54	29.03	31.7	10.68	30.43	288	192	A	H
802.11ax	*	5500	106.46	-	-	94.11	32	10.78	30.43	288	192	P	H
HE20	*	5500	96.86	-	-	84.51	32	10.78	30.43	288	192	A	H
Partial													H
106/53		5396.88	51.97	-22.03	74	40.06	31.68	10.66	30.43	100	339	P	V
CH 100		5469.2	52.26	-15.94	68.2	40.13	31.82	10.74	30.43	100	339	P	V
5500MHz		5460	41.13	-12.87	54	29.07	31.76	10.73	30.43	100	339	A	V
	*	5500	109.97	-	-	97.62	32	10.78	30.43	100	339	P	V
	*	5500	100.21	-	-	87.86	32	10.78	30.43	100	339	A	V
													V
	*	5700	104.84	-	-	92.52	32	10.87	30.55	278	13	P	H
	*	5700	94.99	-	-	82.67	32	10.87	30.55	278	13	A	H
		5751.32	52.37	-15.83	68.2	40.09	32.01	10.86	30.59	278	13	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	110.88	-	-	98.56	32	10.87	30.55	100	344	P	V
CH 140	*	5700	101	-	-	88.68	32	10.87	30.55	100	344	A	V
5700MHz		5725.48	52.62	-15.58	68.2	40.32	32	10.87	30.57	100	344	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. 0+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)
		5439.04	51.2	-22.8	74	39.22	31.7	10.71	30.43	374	250	P	H
		5460.64	50.14	-18.06	68.2	38.08	31.76	10.73	30.43	374	250	P	H
		5459.92	40.88	-13.12	54	28.82	31.76	10.73	30.43	374	250	A	H
	*	5510	95.54	-	-	83.23	31.96	10.79	30.44	374	250	P	H
802.11ax	*	5510	85.36	-	-	73.05	31.96	10.79	30.44	374	250	A	H
HE40 Full		5725.31	49.79	-18.41	68.2	37.49	32	10.87	30.57	374	250	P	H
CH 102		5446.48	51.98	-22.02	74	39.99	31.7	10.72	30.43	100	2	P	V
5510MHz		5469.04	53.38	-14.82	68.2	41.26	31.81	10.74	30.43	100	2	P	V
		5459.92	41.33	-12.67	54	29.27	31.76	10.73	30.43	100	2	A	V
	*	5510	104.14	-	-	91.83	31.96	10.79	30.44	100	2	P	V
	*	5510	93.2	-	-	80.89	31.96	10.79	30.44	100	2	A	V
		5735.39	51.45	-16.75	68.2	39.16	32	10.87	30.58	100	2	P	V
		5439.04	50.81	-23.19	74	38.83	31.7	10.71	30.43	367	251	P	H
		5467.84	50.45	-17.75	68.2	38.33	31.81	10.74	30.43	367	251	P	H
		5459.44	40.93	-13.07	54	28.87	31.76	10.73	30.43	367	251	A	H
	*	5550	97.06	-	-	84.88	31.8	10.84	30.46	367	251	P	H
802.11ax	*	5550	86.16	-	-	73.98	31.8	10.84	30.46	367	251	A	H
HE40 Full		5748.62	50.42	-17.78	68.2	38.14	32	10.86	30.58	367	251	P	H
CH 110		5454.4	51.47	-22.53	74	39.44	31.73	10.73	30.43	100	352	P	V
5550MHz		5467.12	50.84	-17.36	68.2	38.73	31.8	10.74	30.43	100	352	P	V
		5422.24	41.06	-12.94	54	29.1	31.7	10.69	30.43	100	352	A	V
	*	5550	103.36	-	-	91.18	31.8	10.84	30.46	100	352	P	V
	*	5550	92.46	-	-	80.28	31.8	10.84	30.46	100	352	A	V
		5752.715	50.37	-17.83	68.2	38.09	32.01	10.86	30.59	100	352	P	V

		5457.1	50.94	-23.06	74	38.9	31.74	10.73	30.43	298	16	P	H
		5464.1	49.35	-18.85	68.2	37.26	31.78	10.74	30.43	298	16	P	H
		5456.05	40.85	-13.15	54	28.81	31.74	10.73	30.43	298	16	A	H
	*	5670	95.55	-	-	83.33	31.88	10.88	30.54	298	16	P	H
802.11ax	*	5670	85.22	-	-	73	31.88	10.88	30.54	298	16	A	H
HE40 Full		5729.3	50.79	-17.41	68.2	38.49	32	10.87	30.57	298	16	P	H
CH 134		5455.7	50.41	-23.59	74	38.38	31.73	10.73	30.43	100	349	P	V
5670MHz		5463.75	50.71	-17.49	68.2	38.62	31.78	10.74	30.43	100	349	P	V
		5459.9	41.04	-12.96	54	28.98	31.76	10.73	30.43	100	349	A	V
	*	5670	103.9	-	-	91.68	31.88	10.88	30.54	100	349	P	V
	*	5670	93.04	-	-	80.82	31.88	10.88	30.54	100	349	A	V
		5744.175	52.53	-15.67	68.2	40.25	32	10.86	30.58	100	349	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. 0+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)
		11020	49.33	-24.67	74	55.47	40.56	14.39	61.09	100	0	P	H
		16530	46.62	-21.58	68.2	49.03	38.83	18.14	59.38	100	0	P	H
802.11ax													H
HE40 Full													H
CH 102		11020	48.16	-25.84	74	54.3	40.56	14.39	61.09	100	0	P	V
5510MHz		16530	46.61	-21.59	68.2	49.02	38.83	18.14	59.38	100	0	P	V
													V
													V
		11100	49.56	-24.44	74	55.75	40.4	14.47	61.06	100	0	P	H
		16650	47.06	-21.14	68.2	48.78	39.3	18.29	59.31	100	0	P	H
802.11ax													H
HE40 Full													H
CH 110		11100	48.16	-25.84	74	54.35	40.4	14.47	61.06	100	0	P	V
5550MHz		16650	47.63	-20.57	68.2	49.35	39.3	18.29	59.31	100	0	P	V
													V
													V
		11340	49.04	-24.96	74	55.09	40.18	14.73	60.96	100	0	P	H
		17010	48.99	-19.21	68.2	48.73	40.62	18.73	59.09	100	0	P	H
802.11ax													H
HE40 Full													H
CH 134		11340	48.3	-25.7	74	54.35	40.18	14.73	60.96	100	0	P	V
5670MHz		17010	49.24	-18.96	68.2	48.98	40.62	18.73	59.09	100	0	P	V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
		5396.32	52.91	-21.09	74	41	31.68	10.66	30.43	269	192	P	H
		5466.88	51.51	-16.69	68.2	39.4	31.8	10.74	30.43	269	192	P	H
		5430.88	41.01	-12.99	54	29.04	31.7	10.7	30.43	269	192	A	H
802.11ax	*	5510	102.17	-	-	89.86	31.96	10.79	30.44	269	192	P	H
HE40	*	5510	91.76	-	-	79.45	31.96	10.79	30.44	269	192	A	H
Partial		5764.055	51.53	-16.67	68.2	39.2	32.06	10.86	30.59	269	192	P	H
242/61		5401.12	52.74	-21.26	74	40.81	31.7	10.66	30.43	100	345	P	V
CH 102		5462.32	51.22	-16.98	68.2	39.15	31.77	10.73	30.43	100	345	P	V
5510MHz		5459.92	41.04	-12.96	54	28.98	31.76	10.73	30.43	100	345	A	V
	*	5510	106.65	-	-	94.34	31.96	10.79	30.44	100	345	P	V
	*	5510	95.39	-	-	83.08	31.96	10.79	30.44	100	345	A	V
		5759.015	52.24	-15.96	68.2	39.93	32.04	10.86	30.59	100	345	P	V
		5369.95	51.59	-22.41	74	39.85	31.52	10.65	30.43	300	93	P	H
		5465.5	52.02	-16.18	68.2	39.92	31.79	10.74	30.43	300	93	P	H
		5425.25	40.96	-13.04	54	29	31.7	10.69	30.43	300	93	A	H
802.11ax	*	5670	100.75	-	-	88.53	31.88	10.88	30.54	300	93	P	H
HE40	*	5670	90.27	-	-	78.05	31.88	10.88	30.54	300	93	A	H
Partial		5750.825	52.79	-15.41	68.2	40.52	32	10.86	30.59	300	93	P	H
242/62		5366.8	51.93	-22.07	74	40.21	31.5	10.65	30.43	100	347	P	V
CH 134		5460.95	50.41	-17.79	68.2	38.34	31.77	10.73	30.43	100	347	P	V
5670MHz		5459.2	41.04	-12.96	54	28.98	31.76	10.73	30.43	100	347	A	V
	*	5670	107.73	-	-	95.51	31.88	10.88	30.54	100	347	P	V
	*	5670	96.78	-	-	84.56	31.88	10.88	30.54	100	347	A	V
		5744.875	52.71	-15.49	68.2	40.43	32	10.86	30.58	100	347	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. 0+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)
		5409.52	51.08	-22.92	74	39.14	31.7	10.67	30.43	365	250	P	H
		5470	50.52	-17.68	68.2	38.39	31.82	10.74	30.43	365	250	P	H
		5458.72	41	-13	54	28.95	31.75	10.73	30.43	365	250	A	H
	*	5530	93.1	-	-	80.86	31.88	10.81	30.45	365	250	P	H
802.11ax	*	5530	82.47	-	-	70.23	31.88	10.81	30.45	365	250	A	H
HE80 Full		5725.31	50.99	-17.21	68.2	38.69	32	10.87	30.57	365	250	P	H
CH 106		5424.88	51.31	-22.69	74	39.35	31.7	10.69	30.43	100	2	P	V
5530MHz		5461.12	51.46	-16.74	68.2	39.39	31.77	10.73	30.43	100	2	P	V
		5459.68	41.84	-12.16	54	29.78	31.76	10.73	30.43	100	2	A	V
	*	5530	101.07	-	-	88.83	31.88	10.81	30.45	100	2	P	V
	*	5530	89.88	-	-	77.64	31.88	10.81	30.45	100	2	A	V
		5732.555	50.77	-17.43	68.2	38.47	32	10.87	30.57	100	2	P	V
		5443.12	51.01	-22.99	74	39.03	31.7	10.71	30.43	301	15	P	H
		5466.64	51.05	-17.15	68.2	38.94	31.8	10.74	30.43	301	15	P	H
		5459.92	40.93	-13.07	54	28.87	31.76	10.73	30.43	301	15	A	H
	*	5610	92.9	-	-	80.63	31.88	10.89	30.5	301	15	P	H
802.11ax	*	5610	81.9	-	-	69.63	31.88	10.89	30.5	301	15	A	H
HE80 Full		5736.65	50.78	-17.42	68.2	38.49	32	10.87	30.58	301	15	P	H
CH 122		5438.56	51.68	-22.32	74	39.7	31.7	10.71	30.43	100	353	P	V
5610MHz		5463.52	50.22	-17.98	68.2	38.13	31.78	10.74	30.43	100	353	P	V
		5457.04	41.12	-12.88	54	29.08	31.74	10.73	30.43	100	353	A	V
	*	5610	101.89	-	-	89.62	31.88	10.89	30.5	100	353	P	V
	*	5610	90.02	-	-	77.75	31.88	10.89	30.5	100	353	A	V
		5742.005	51.26	-16.94	68.2	38.98	32	10.86	30.58	100	353	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. 0+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)
		11060	48.01	-25.99	74	54.18	40.48	14.43	61.08	100	0	P	H
		16590	46.88	-21.32	68.2	49.12	38.89	18.22	59.35	100	0	P	H
802.11ax													H
HE80 Full													H
CH 106		11060	48.02	-25.98	74	54.19	40.48	14.43	61.08	100	0	P	V
5530MHz		16590	46.8	-21.4	68.2	49.04	38.89	18.22	59.35	100	0	P	V
													V
													V
		11220	47.8	-26.2	74	54.11	40.1	14.6	61.01	100	0	P	H
		16830	48.86	-19.34	68.2	49.22	40.34	18.5	59.2	100	0	P	H
802.11ax													H
HE80 Full													H
CH 122		11220	47.97	-26.03	74	54.28	40.1	14.6	61.01	100	0	P	V
5610MHz		16830	49.52	-18.68	68.2	49.88	40.34	18.5	59.2	100	0	P	V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 0+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)
		5426.56	51.34	-22.66	74	39.38	31.7	10.69	30.43	291	195	P	H
		5469.76	51.37	-16.83	68.2	39.24	31.82	10.74	30.43	291	195	P	H
		5459.68	41.04	-12.96	54	28.98	31.76	10.73	30.43	291	195	A	H
802.11ax	*	5530	99.38	-	-	87.14	31.88	10.81	30.45	291	195	P	H
HE80	*	5530	88.34	-	-	76.1	31.88	10.81	30.45	291	195	A	H
Partial		5734.445	51.6	-16.6	68.2	39.31	32	10.87	30.58	291	195	P	H
484/65		5426.8	52.54	-21.46	74	40.58	31.7	10.69	30.43	100	347	P	V
CH 106		5469.76	52.54	-15.66	68.2	40.41	31.82	10.74	30.43	100	347	P	V
5530MHz		5459.92	41.19	-12.81	54	29.13	31.76	10.73	30.43	100	347	A	V
	*	5530	104.95	-	-	92.71	31.88	10.81	30.45	100	347	P	V
	*	5530	93.71	-	-	81.47	31.88	10.81	30.45	100	347	A	V
		5745.785	51.29	-16.91	68.2	39.01	32	10.86	30.58	100	347	P	V
		5457.04	51.93	-22.07	74	39.89	31.74	10.73	30.43	100	301	P	H
		5465.44	50.63	-17.57	68.2	38.53	31.79	10.74	30.43	100	301	P	H
		5459.2	40.68	-13.32	54	28.62	31.76	10.73	30.43	100	301	A	H
802.11ax	*	5610	97.09	-	-	84.82	31.88	10.89	30.5	100	301	P	H
HE80	*	5610	87.01	-	-	74.74	31.88	10.89	30.5	100	301	A	H
Partial		5761.22	50.99	-17.21	68.2	38.68	32.04	10.86	30.59	100	301	P	H
484/66		5392.72	52.21	-21.79	74	40.32	31.66	10.66	30.43	100	333	P	V
CH 122		5463.76	51.38	-16.82	68.2	39.29	31.78	10.74	30.43	100	333	P	V
5610MHz		5459.68	40.83	-13.17	54	28.77	31.76	10.73	30.43	100	333	A	V
	*	5610	96.29	-	-	84.02	31.88	10.89	30.5	100	333	P	V
	*	5610	105.81	-	-	93.54	31.88	10.89	30.5	100	333	A	V
		5756.81	51.18	-17.02	68.2	38.88	32.03	10.86	30.59	100	333	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 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5408.89	51.17	-22.83	74	39.23	31.7	10.67	30.43	100	306	P	H
		5464.66	51.16	-17.04	68.2	39.06	31.79	10.74	30.43	100	306	P	H
		5458.03	41	-13	54	28.95	31.75	10.73	30.43	100	306	A	H
	*	5720	99.27	-	-	86.97	32	10.87	30.57	100	306	P	H
	*	5720	91.46	-	-	79.16	32	10.87	30.57	100	306	A	H
		5904.75	53.16	-15.04	68.2	40.32	32.41	11.11	30.68	100	306	P	H
		5420.2	52.69	-21.31	74	40.74	31.7	10.68	30.43	100	345	P	V
		5464.27	51.53	-16.67	68.2	39.43	31.79	10.74	30.43	100	345	P	V
		5458.03	41.1	-12.9	54	29.05	31.75	10.73	30.43	100	345	A	V
	*	5720	106.46	-	-	94.16	32	10.87	30.57	100	345	P	V
	*	5720	98.64	-	-	86.34	32	10.87	30.57	100	345	A	V
		5850.75	52.93	-15.27	68.2	40.4	32.2	10.98	30.65	100	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. 0+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	48.65	-25.35	74	54.35	40.38	14.84	60.92	100	0	P	H
		17160	49.54	-18.66	68.2	48.76	40.8	18.89	58.91	100	0	P	H
													H
													H
		11440	48.92	-25.08	74	54.62	40.38	14.84	60.92	100	0	P	V
		17160	49.36	-18.84	68.2	48.58	40.8	18.89	58.91	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11n HT20 CH 144 5720MHz		5421.76	51.05	-22.95	74	39.09	31.7	10.69	30.43	100	288	P	H
		5464.27	50.2	-18	68.2	38.1	31.79	10.74	30.43	100	288	P	H
		5459.2	40.95	-13.05	54	28.89	31.76	10.73	30.43	100	288	A	H
	*	5720	97.35	-	-	85.05	32	10.87	30.57	100	288	P	H
	*	5720	89.24	-	-	76.94	32	10.87	30.57	100	288	A	H
		5935	52.56	-15.64	68.2	39.6	32.47	11.19	30.7	100	288	P	H
		5442.82	50.79	-23.21	74	38.81	31.7	10.71	30.43	100	352	P	V
		5465.05	50.6	-17.6	68.2	38.5	31.79	10.74	30.43	100	352	P	V
		5459.2	41.08	-12.92	54	29.02	31.76	10.73	30.43	100	352	A	V
	*	5720	105.76	-	-	93.46	32	10.87	30.57	100	352	P	V
	*	5720	96.29	-	-	83.99	32	10.87	30.57	100	352	A	V
		5926.25	52.38	-15.82	68.2	39.45	32.45	11.17	30.69	100	352	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0+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)
		11440	49.92	-24.08	74	55.62	40.38	14.84	60.92	100	0	P	H
		17160	49.53	-18.67	68.2	48.75	40.8	18.89	58.91	100	0	P	H
802.11n													H
HT20													H
CH 144		11440	49.38	-24.62	74	55.08	40.38	14.84	60.92	100	0	P	V
5720MHz		17160	49.91	-18.29	68.2	49.13	40.8	18.89	58.91	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11n HT40 CH 142 5710MHz		5400.31	51.9	-22.1	74	39.97	31.7	10.66	30.43	100	291	P	H
		5462.32	50.23	-17.97	68.2	38.16	31.77	10.73	30.43	100	291	P	H
		5459.2	40.95	-13.05	54	28.89	31.76	10.73	30.43	100	291	A	H
	*	5710	95.95	-	-	83.64	32	10.87	30.56	100	291	P	H
	*	5710	86.09	-	-	73.78	32	10.87	30.56	100	291	A	H
		5911.5	52.84	-15.36	68.2	39.98	32.42	11.13	30.69	100	291	P	H
		5410.06	52.32	-21.68	74	40.38	31.7	10.67	30.43	100	352	P	V
		5462.71	49.55	-18.65	68.2	37.47	31.78	10.73	30.43	100	352	P	V
		5459.59	41.12	-12.88	54	29.06	31.76	10.73	30.43	100	352	A	V
	*	5710	103.16	-	-	90.85	32	10.87	30.56	100	352	P	V
	*	5710	93.79	-	-	81.48	32	10.87	30.56	100	352	A	V
		5940	52.9	-15.3	68.2	39.92	32.48	11.2	30.7	100	352	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0+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)
		11420	49.36	-24.64	74	55.13	40.34	14.82	60.93	100	0	P	H
		17130	48.77	-19.43	68.2	48.06	40.8	18.85	58.94	100	0	P	H
802.11n													H
HT40													H
CH 142		11420	49.24	-24.76	74	55.01	40.34	14.82	60.93	100	0	P	V
5710MHz		17130	49.02	-19.18	68.2	48.31	40.8	18.85	58.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0+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)
802.11ac VHT80 CH 138 5690MHz		5418.25	50.73	-23.27	74	38.78	31.7	10.68	30.43	100	293	P	H
		5467.39	50.68	-17.52	68.2	38.57	31.8	10.74	30.43	100	293	P	H
		5458.42	41.01	-12.99	54	28.96	31.75	10.73	30.43	100	293	A	H
	*	5690	92.78	-	-	80.49	31.96	10.88	30.55	100	293	P	H
	*	5690	84.42	-	-	72.13	31.96	10.88	30.55	100	293	A	H
		5949.5	52.73	-15.47	68.2	39.71	32.5	11.23	30.71	100	293	P	H
		5385.49	50.76	-23.24	74	38.93	31.61	10.65	30.43	100	352	P	V
		5468.95	50.32	-17.88	68.2	38.2	31.81	10.74	30.43	100	352	P	V
		5459.98	41.13	-12.87	54	29.07	31.76	10.73	30.43	100	352	A	V
	*	5690	99.27	-	-	86.98	31.96	10.88	30.55	100	352	P	V
	*	5690	90.54	-	-	78.25	31.96	10.88	30.55	100	352	A	V
		5942.25	53.75	-14.45	68.2	40.76	32.48	11.21	30.7	100	352	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 0+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)
		11380	49.22	-24.78	74	55.14	40.26	14.77	60.95	100	0	P	H
		17070	50.46	-17.74	68.2	49.95	40.74	18.79	59.02	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	48.81	-25.19	74	54.73	40.26	14.77	60.95	100	0	P	V
5690MHz		17070	49.13	-19.07	68.2	48.62	40.74	18.79	59.02	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 0+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)
802.11ax HE20 Full CH 144 5720MHz		5399.14	50.73	-23.27	74	38.81	31.69	10.66	30.43	256	39	P	H
		5460.37	51.15	-17.05	68.2	39.09	31.76	10.73	30.43	256	39	P	H
		5459.98	40.96	-13.04	54	28.9	31.76	10.73	30.43	256	39	A	H
	*	5720	99.79	-	-	87.49	32	10.87	30.57	256	39	P	H
	*	5720	88.44	-	-	76.14	32	10.87	30.57	256	39	A	H
		5944	52.2	-16	68.2	39.21	32.49	11.21	30.71	256	39	P	H
		5412.01	50.87	-23.13	74	38.92	31.7	10.68	30.43	100	346	P	V
		5459.98	50	-24	74	37.94	31.76	10.73	30.43	100	346	P	V
		5458.03	40.96	-13.04	54	28.91	31.75	10.73	30.43	100	346	A	V
	*	5720	105.38	-	-	93.08	32	10.87	30.57	100	346	P	V
	*	5720	94.9	-	-	82.6	32	10.87	30.57	100	346	A	V
		5950	53.95	-14.25	68.2	40.93	32.5	11.23	30.71	100	346	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. 0+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)
		11440	48.18	-25.82	74	53.88	40.38	14.84	60.92	100	0	P	H
		17160	49.39	-18.81	68.2	48.61	40.8	18.89	58.91	100	0	P	H
802.11ax													H
HE20 Full													H
CH 144		11440	48.04	-25.96	74	53.74	40.38	14.84	60.92	100	0	P	V
5720MHz		17160	49.74	-18.46	68.2	48.96	40.8	18.89	58.91	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 0+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)
802.11ax HE40 Full CH 142 5710MHz		5388.61	50.66	-23.34	74	38.8	31.63	10.66	30.43	260	39	P	H
		5462.71	50.74	-17.46	68.2	38.66	31.78	10.73	30.43	260	39	P	H
		5458.03	40.88	-13.12	54	28.83	31.75	10.73	30.43	260	39	A	H
	*	5710	97.16	-	-	84.85	32	10.87	30.56	260	39	P	H
	*	5710	86.27	-	-	73.96	32	10.87	30.56	260	39	A	H
		5916.5	52.12	-16.08	68.2	39.24	32.43	11.14	30.69	260	39	P	H
		5393.29	51.46	-22.54	74	39.57	31.66	10.66	30.43	100	337	P	V
		5464.27	50.4	-17.8	68.2	38.3	31.79	10.74	30.43	100	337	P	V
		5458.81	40.92	-13.08	54	28.87	31.75	10.73	30.43	100	337	A	V
	*	5710	103.57	-	-	91.26	32	10.87	30.56	100	337	P	V
	*	5710	92.73	-	-	80.42	32	10.87	30.56	100	337	A	V
		5930.75	53.37	-14.83	68.2	40.43	32.46	11.18	30.7	100	337	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. 0+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)
		11420	48.01	-25.99	74	53.78	40.34	14.82	60.93	100	0	P	H
		17130	48.82	-19.38	68.2	48.11	40.8	18.85	58.94	100	0	P	H
802.11ax													H
HE40 Full													H
CH 142		11420	47.74	-26.26	74	53.51	40.34	14.82	60.93	100	0	P	V
5710MHz		17130	48.75	-19.45	68.2	48.04	40.8	18.85	58.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 Straddle Channel

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

WIFI Ant. 0+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)
802.11ax HE80 Full CH 138 5690MHz		5403.43	51.85	-22.15	74	39.91	31.7	10.67	30.43	285	39	P	H
		5466.61	50.38	-17.82	68.2	38.27	31.8	10.74	30.43	285	39	P	H
		5459.98	40.88	-13.12	54	28.82	31.76	10.73	30.43	285	39	A	H
	*	5690	93.85	-	-	81.56	31.96	10.88	30.55	285	39	P	H
	*	5690	82.83	-	-	70.54	31.96	10.88	30.55	285	39	A	H
		5944	52.52	-15.68	68.2	39.53	32.49	11.21	30.71	285	39	P	H
		5397.97	51.57	-22.43	74	39.65	31.69	10.66	30.43	100	351	P	V
		5468.17	50.36	-17.84	68.2	38.24	31.81	10.74	30.43	100	351	P	V
		5458.81	41	-13	54	28.95	31.75	10.73	30.43	100	351	A	V
	*	5690	101.72	-	-	89.43	31.96	10.88	30.55	100	351	P	V
	*	5690	90.13	-	-	77.84	31.96	10.88	30.55	100	351	A	V
		5894	52.22	-15.98	68.2	39.42	32.38	11.09	30.67	100	351	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. 0+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)
		11380	48.24	-25.76	74	54.16	40.26	14.77	60.95	100	0	P	H
		17070	50.43	-17.77	68.2	49.92	40.74	18.79	59.02	100	0	P	H
802.11ax													H
HE80 Full													H
CH 138		11380	48.5	-25.5	74	54.42	40.26	14.77	60.95	100	0	P	V
5690MHz		17070	50.12	-18.08	68.2	49.61	40.74	18.79	59.02	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

11ax HE20 Partial 52 (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		23610	41.81	-32.19	74	42.24	39.85	13.02	53.3	150	0	P	H
		39780	49.85	-24.15	74	39.53	45.01	19.96	54.65	150	0	P	H
5GHz													H
802.11ax													H
HE20		23522	41.65	-26.55	68.2	42.19	39.73	13.03	53.3	150	0	P	V
Partial		39890	49.89	-24.11	74	39.14	45.06	20.17	54.48	150	0	P	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Emission below 1GHz

11ax HE20 Partial 52 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		46.49	21.13	-18.87	40	36.29	16.32	0.8	32.34	-	-	P	H
		135.73	26.63	-16.87	43.5	39.85	17.67	1.45	32.5	-	-	P	H
		161.92	27.11	-16.39	43.5	41.16	16.61	1.59	32.42	-	-	P	H
		215.27	24.09	-19.41	43.5	39.51	14.88	1.87	32.39	-	-	P	H
		306.45	22.7	-23.3	46	33.65	19.15	2.26	32.51	-	-	P	H
		835.1	31.73	-14.27	46	31.32	28.19	3.85	31.85	100	0	P	H
													H
													H
													H
													H
802.11ax													H
HE20													H
Partial 52		37.76	28.8	-11.2	40	39.84	20.51	0.72	32.34	100	0	P	V
LF		46.49	27.3	-12.7	40	42.46	16.32	0.8	32.34	-	-	P	V
		80.44	23.67	-16.33	40	41.27	13.7	1.08	32.5	-	-	P	V
		216.24	24.84	-21.16	46	40.22	14.92	1.87	32.39	-	-	P	V
		558.65	27.37	-18.63	46	30.73	25.72	3.1	32.35	-	-	P	V
		729.37	32.88	-13.12	46	34.29	27.26	3.62	32.44	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(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)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

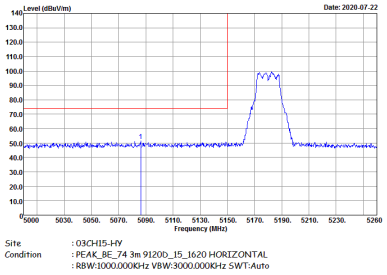
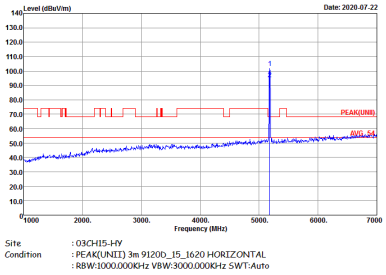
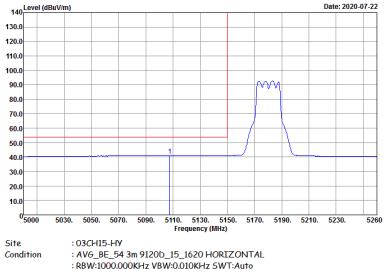
Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	**Temperature :**	22.1~23.1°C
		Relative Humidity :	55~60%

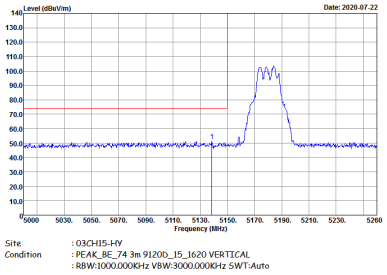
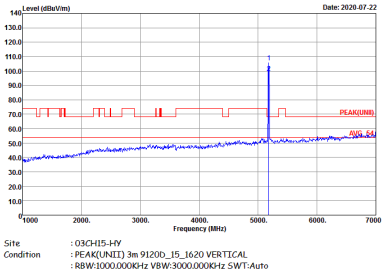
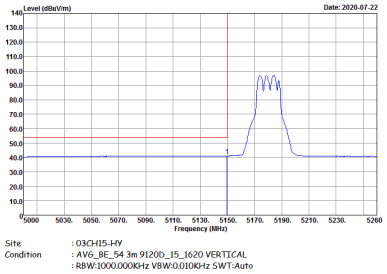
Note symbol

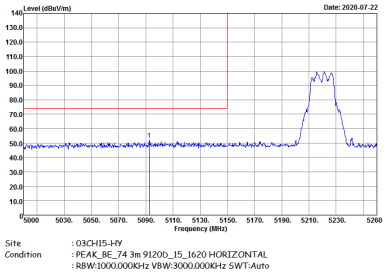
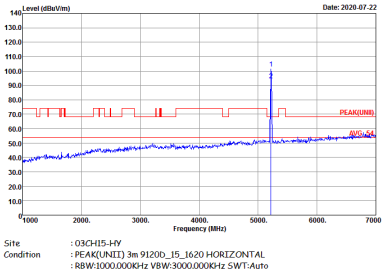
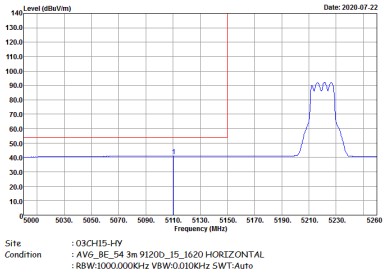
-L	**Low channel location**
-R	**High channel location**

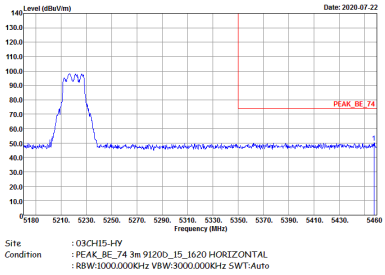
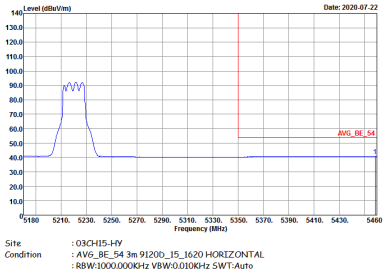
Band 1 - 5150~5250MHz

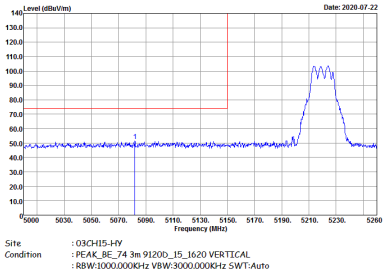
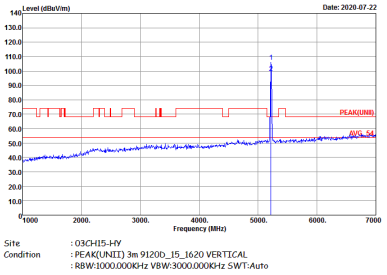
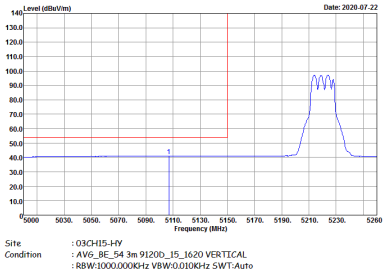
WIFI 802.11a (Band Edge @ 3m)

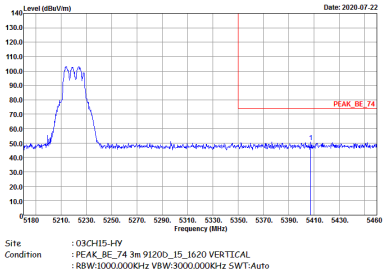
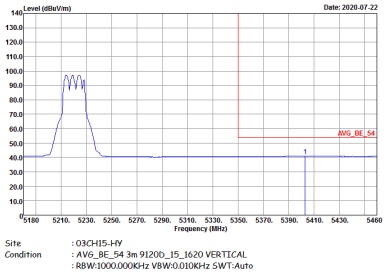
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

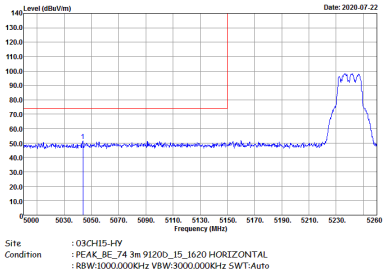
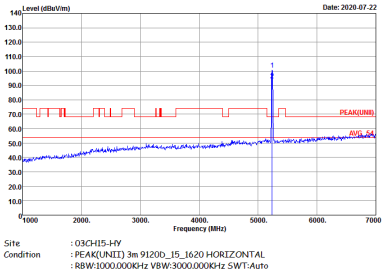
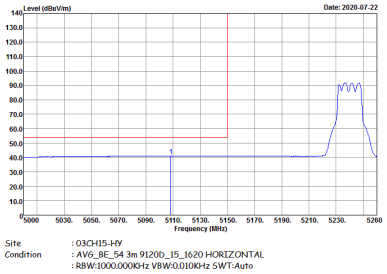
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

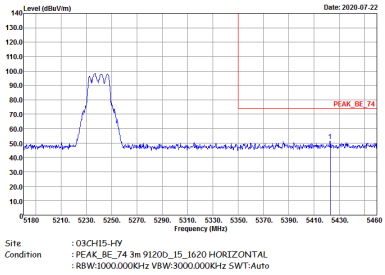
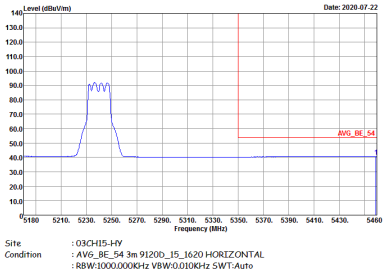
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

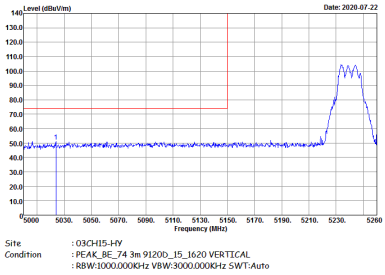
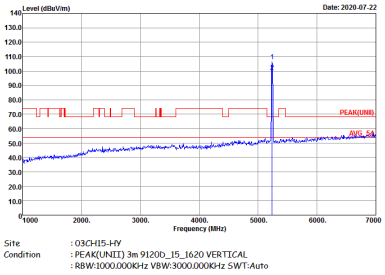
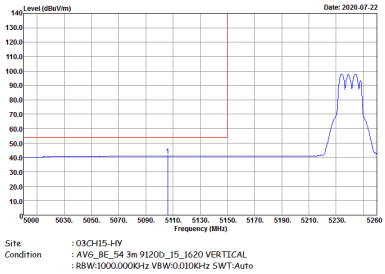
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

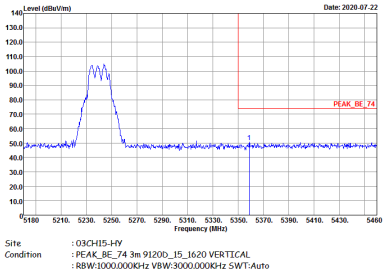
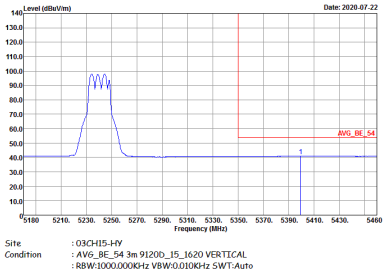
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

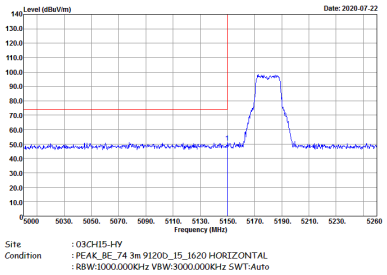
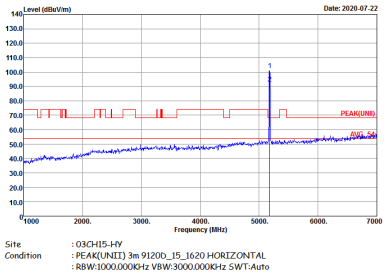
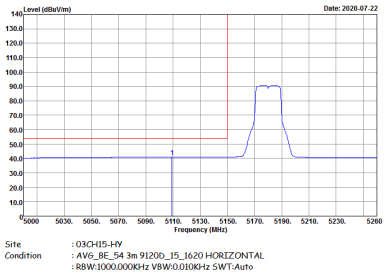
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

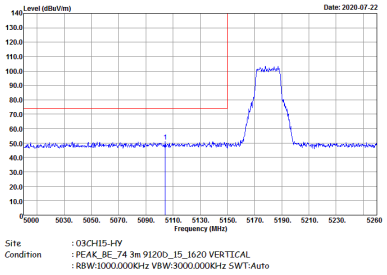
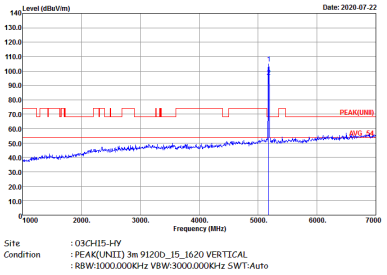
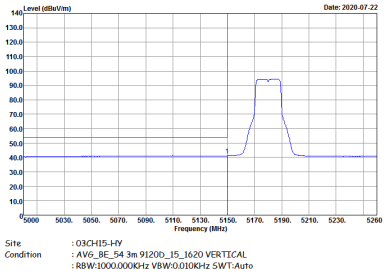
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

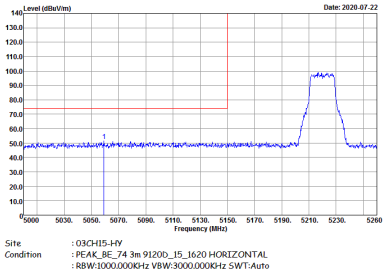
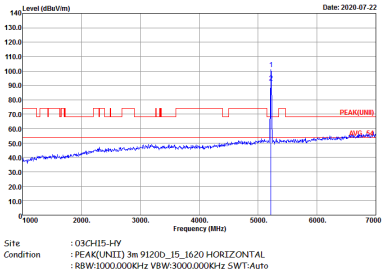
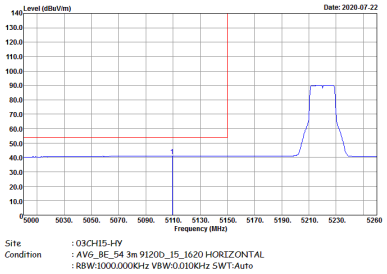
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

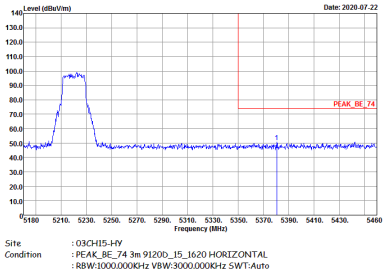
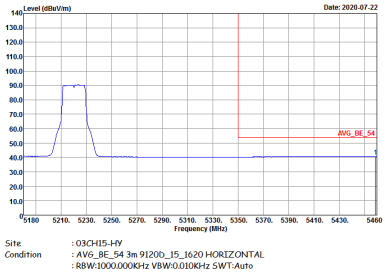
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

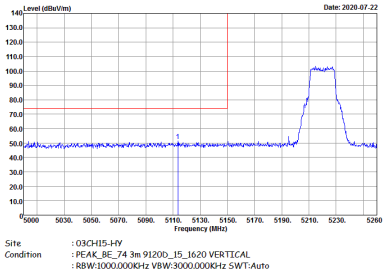
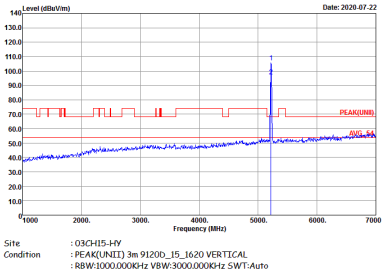
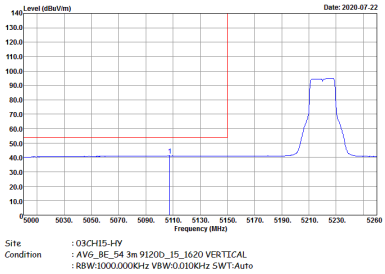
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

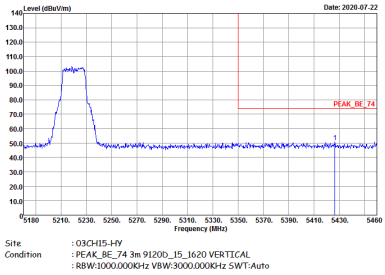
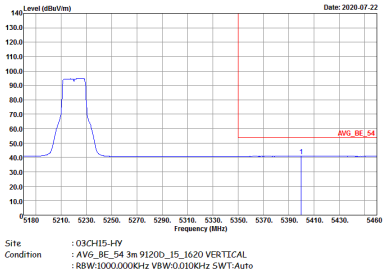
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

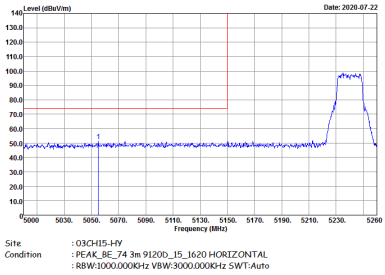
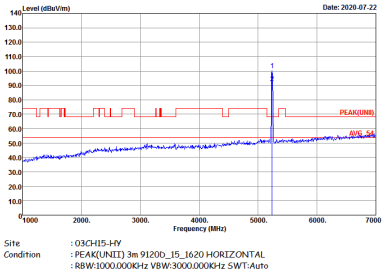
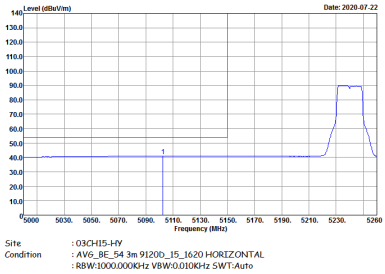
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

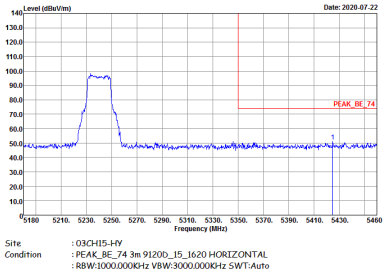
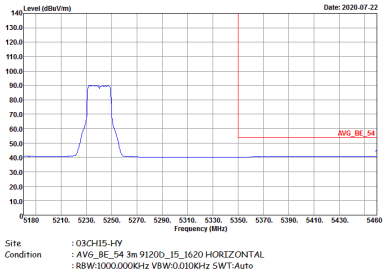
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

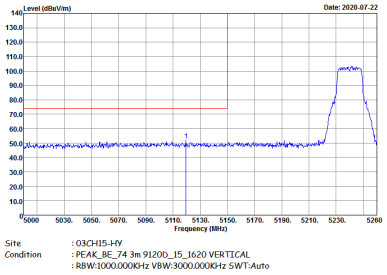
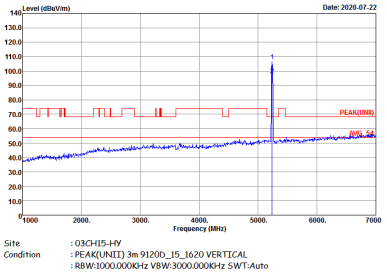
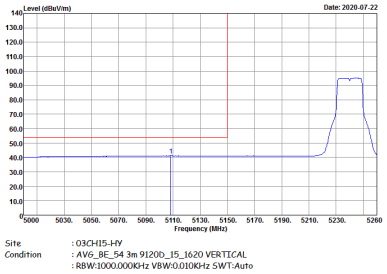
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

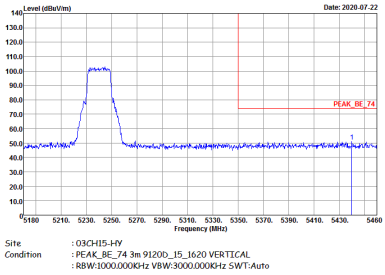
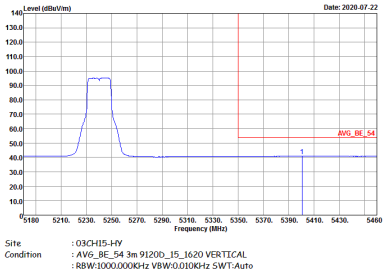
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

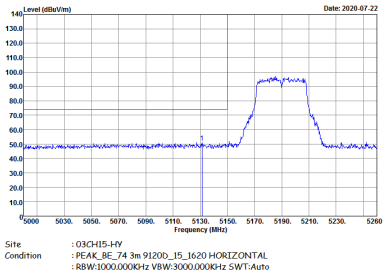
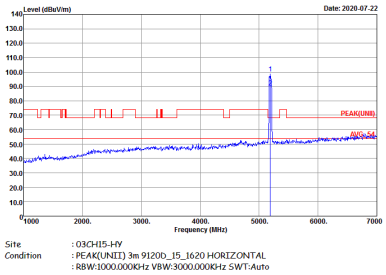
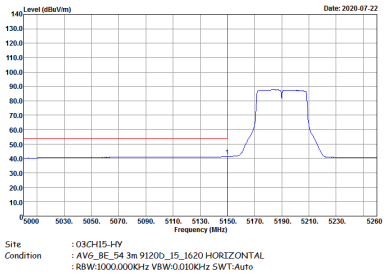
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

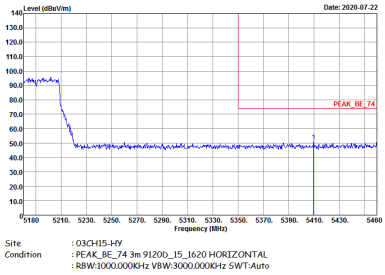
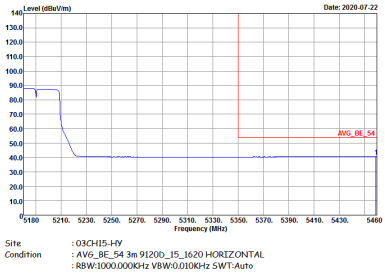
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

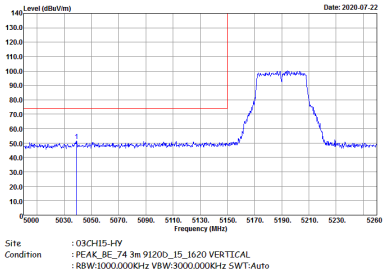
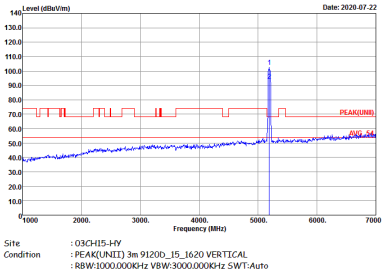
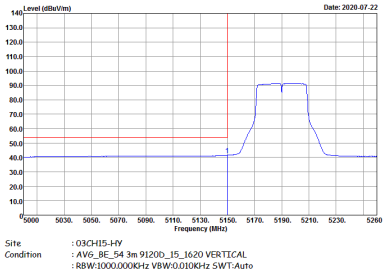
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

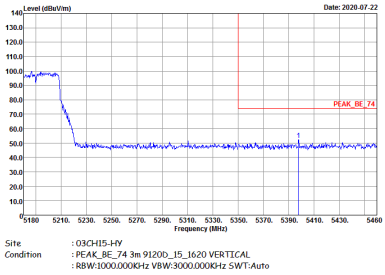
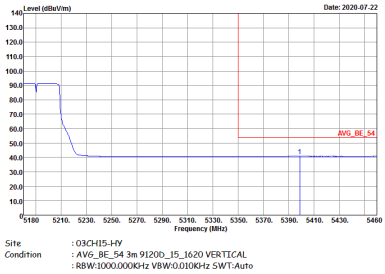
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

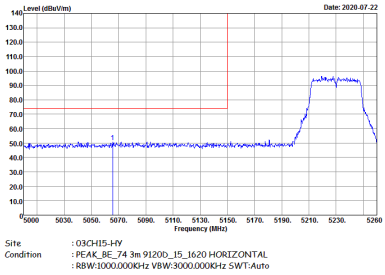
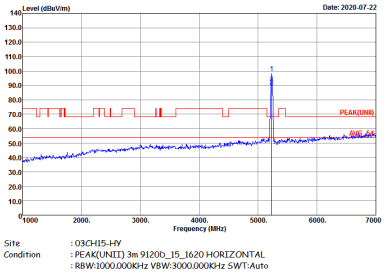
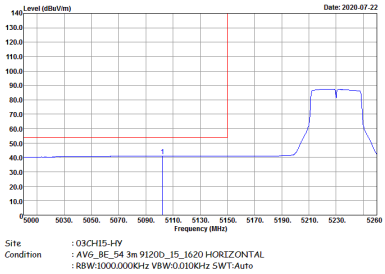
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

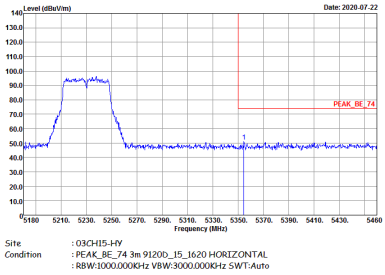
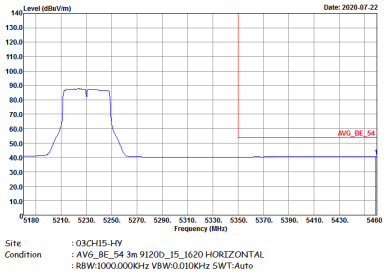
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

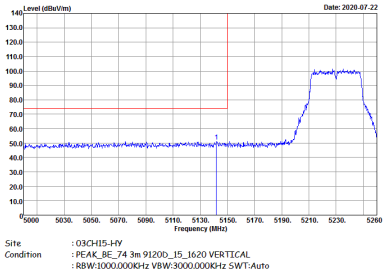
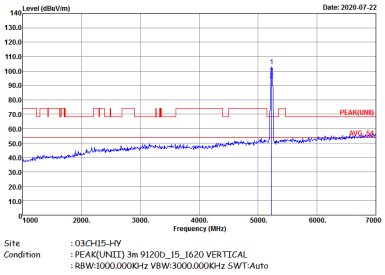
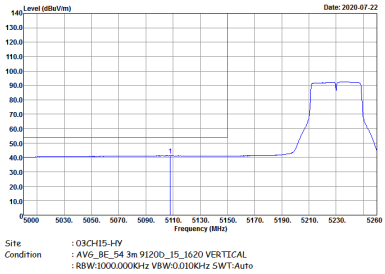
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

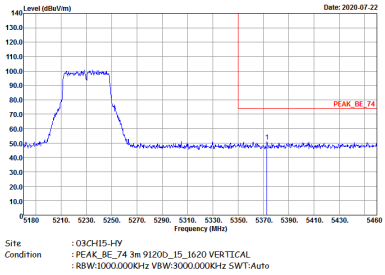
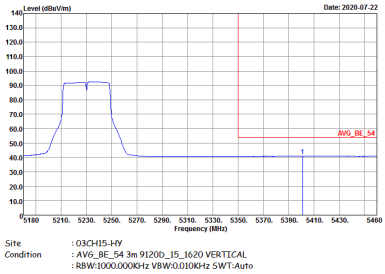
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

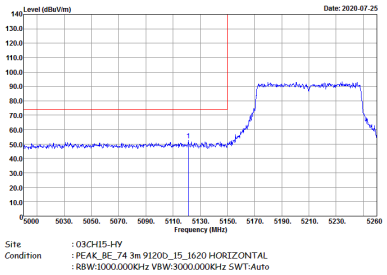
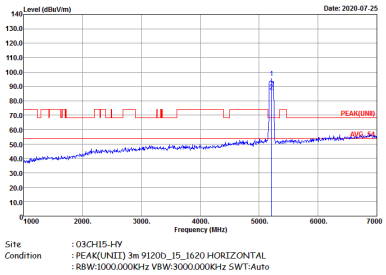
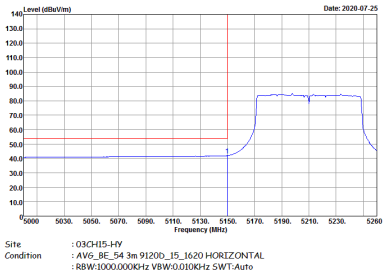
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

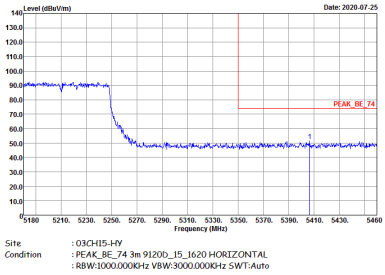
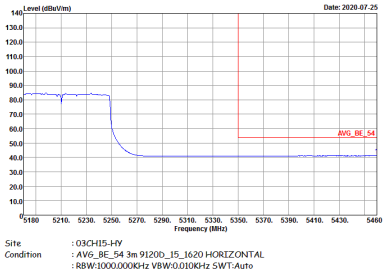
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

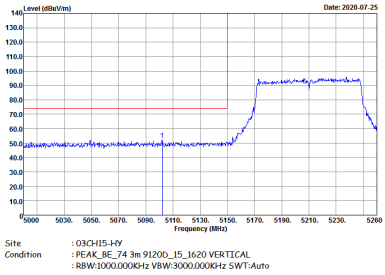
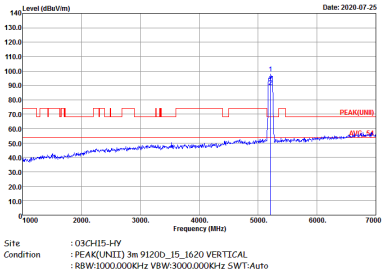
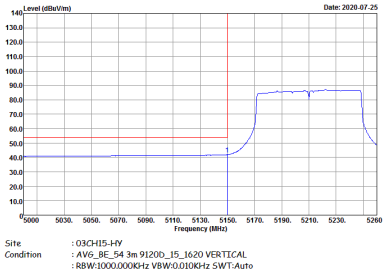
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

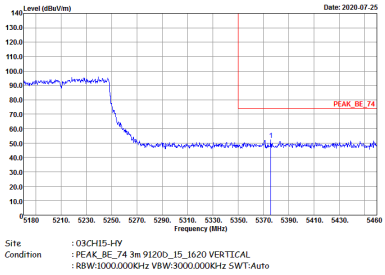
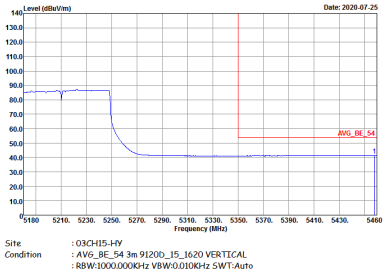
Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

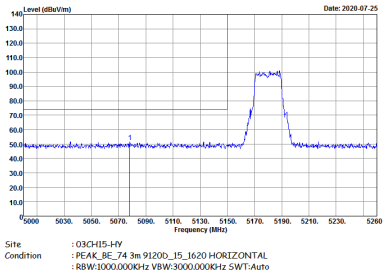
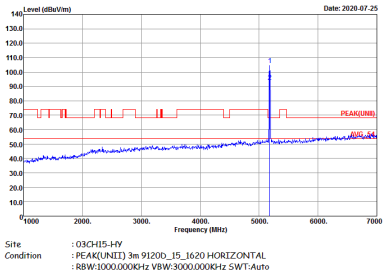
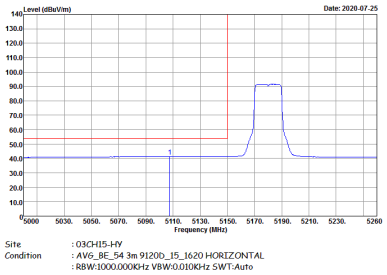
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

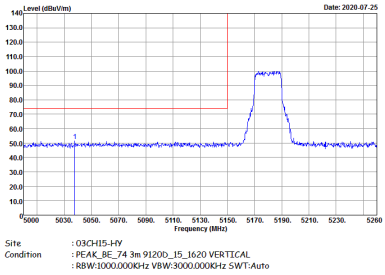
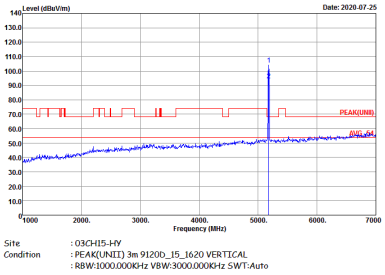
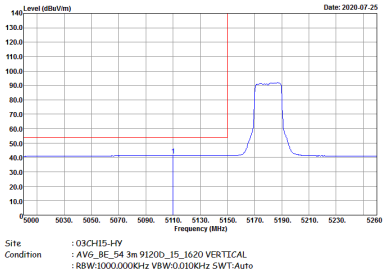
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

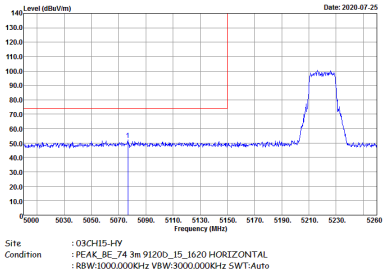
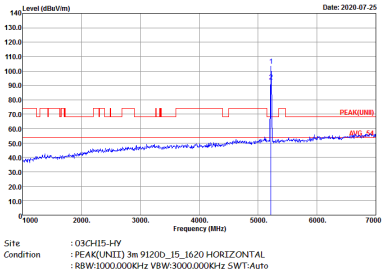
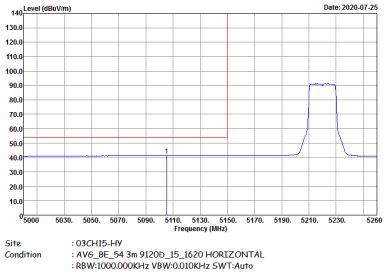
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

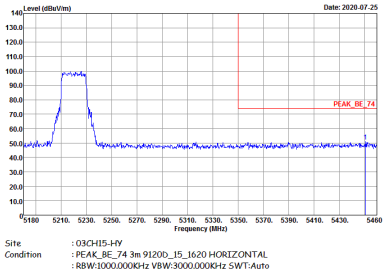
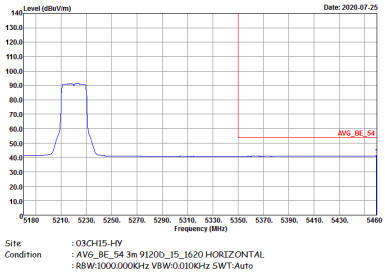
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

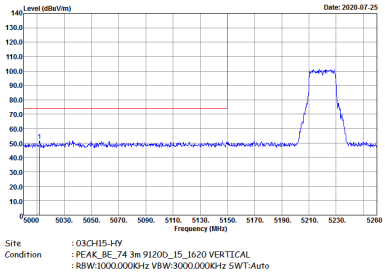
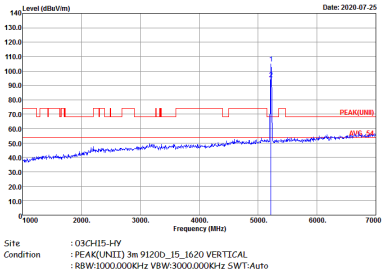
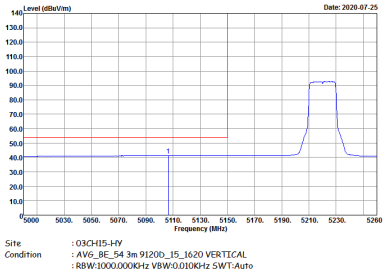
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

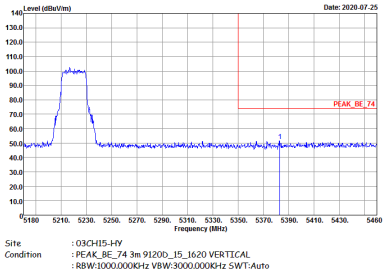
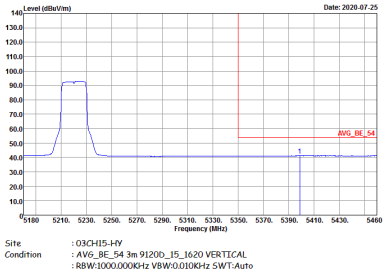
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

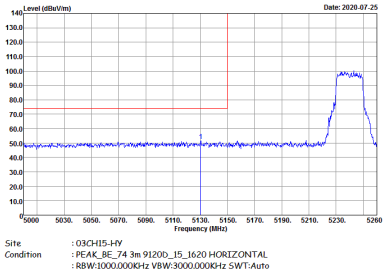
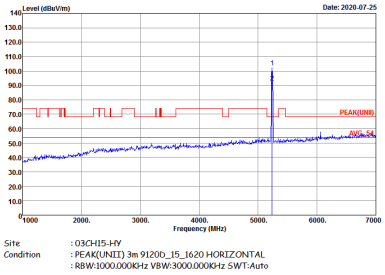
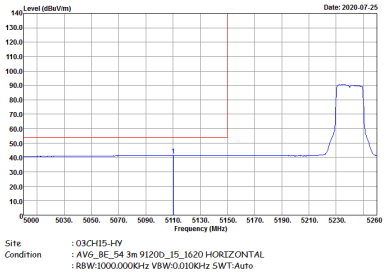
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

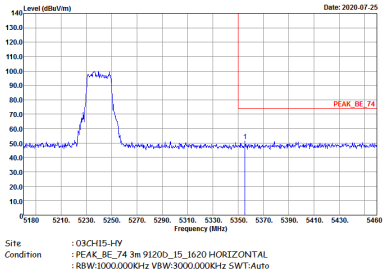
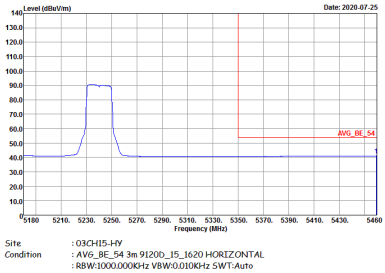
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

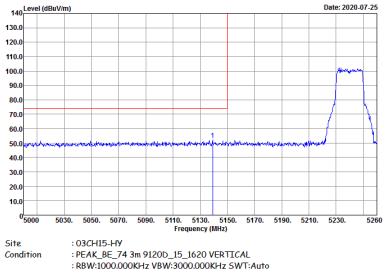
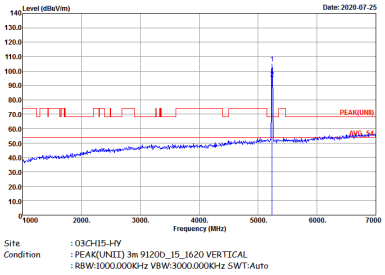
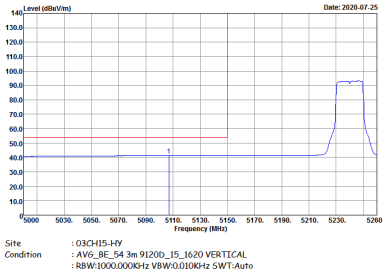
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

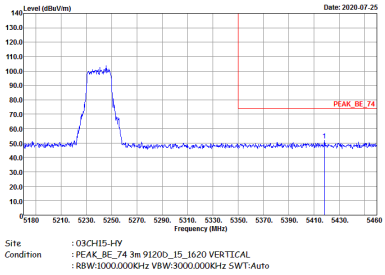
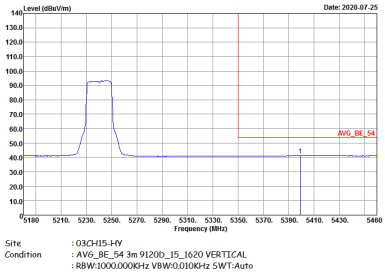
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

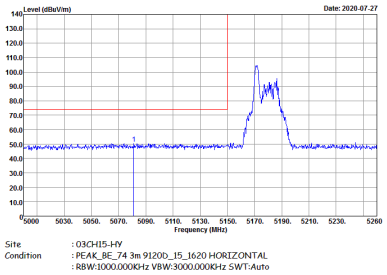
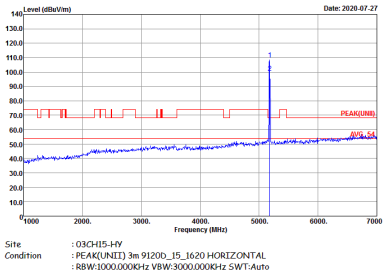
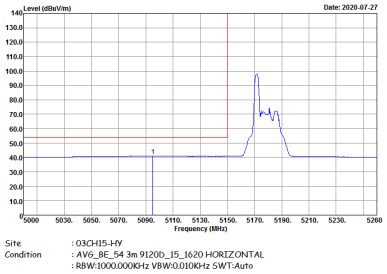
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

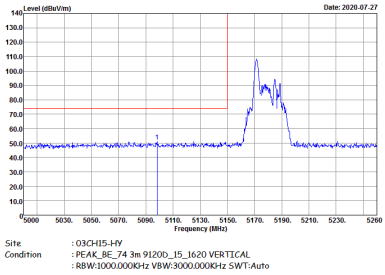
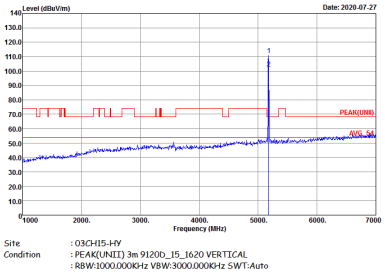
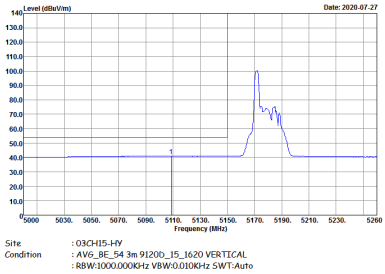
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

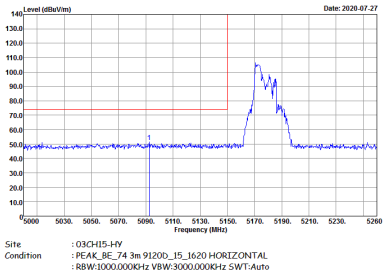
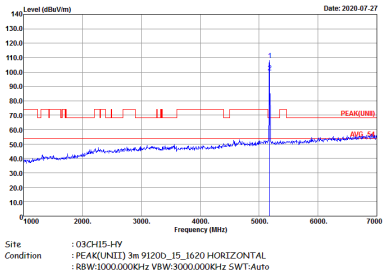
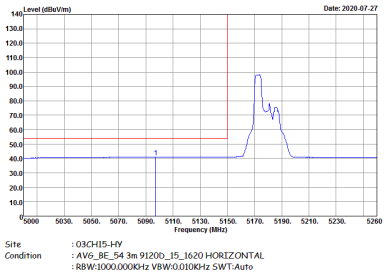
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

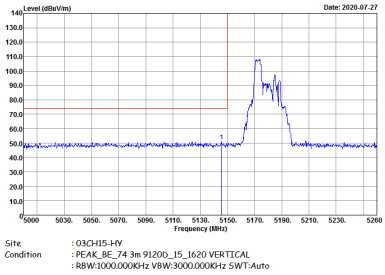
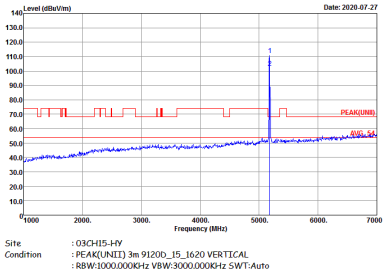
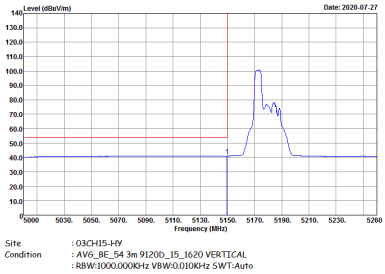
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 1 5150~5250MHz

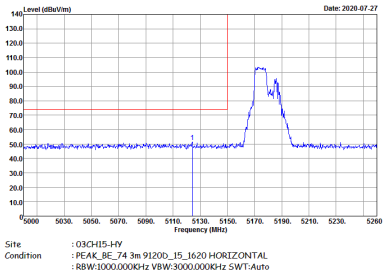
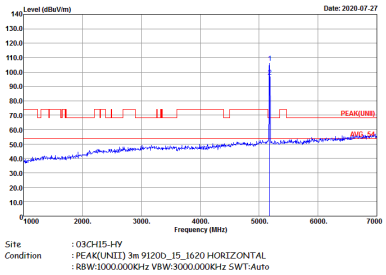
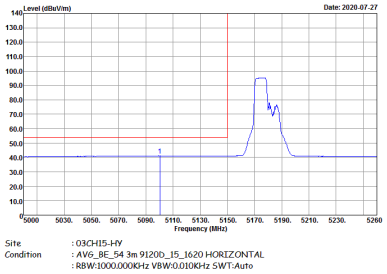
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

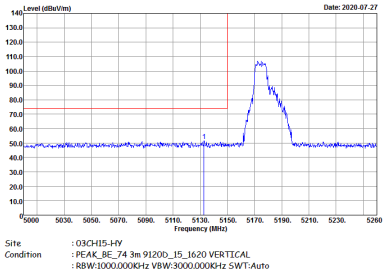
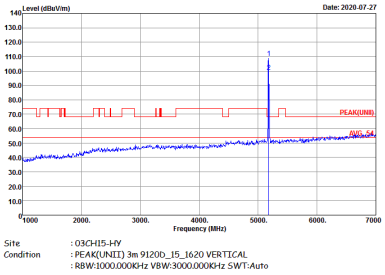
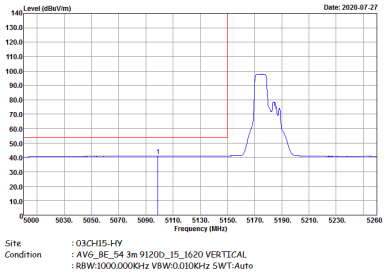
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

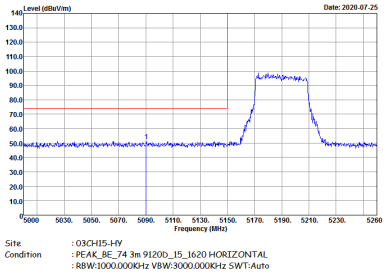
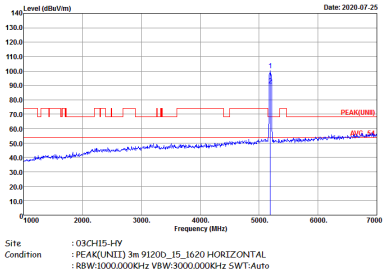
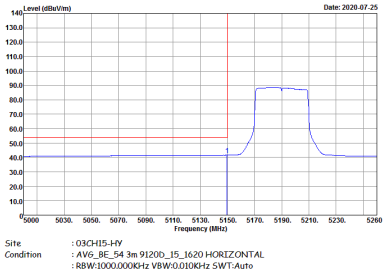
Band 1 5150~5250MHz

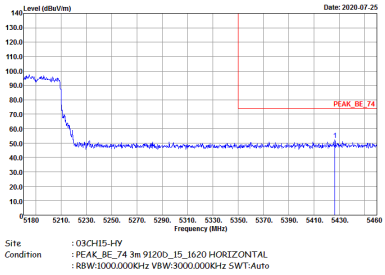
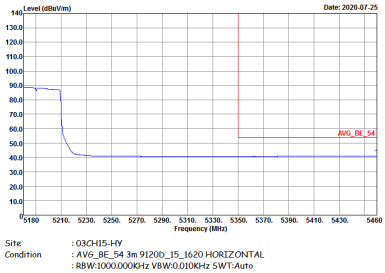
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

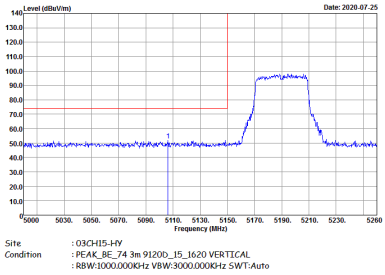
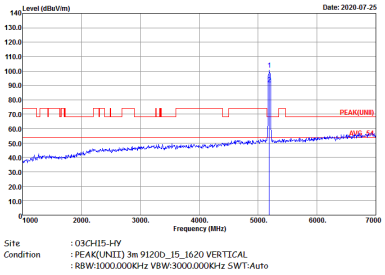
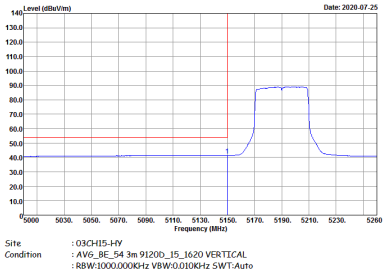
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

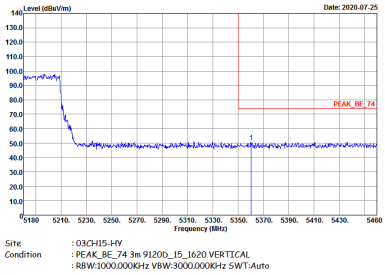
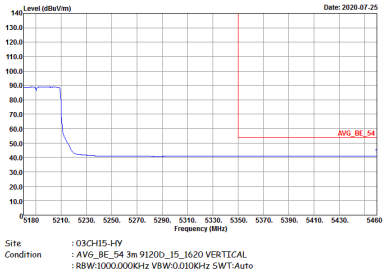
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

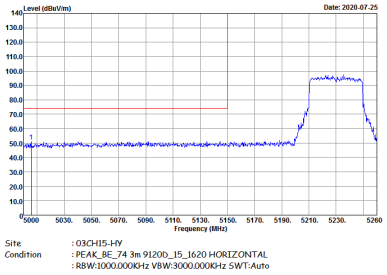
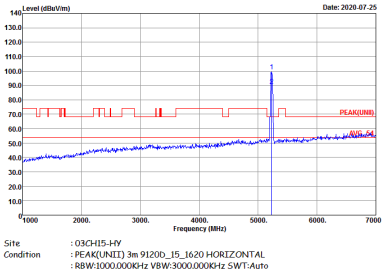
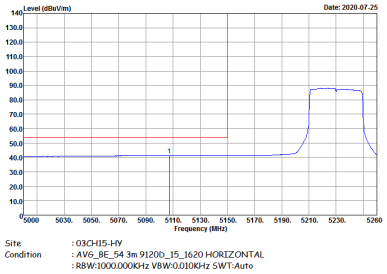
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

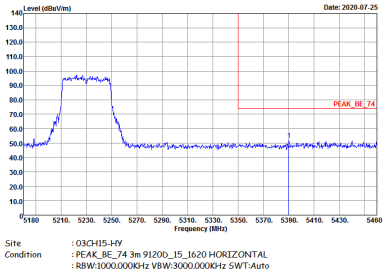
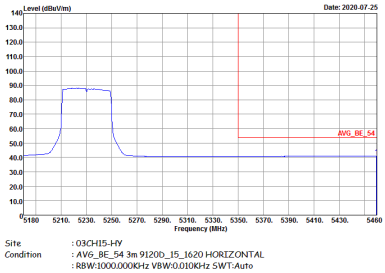
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

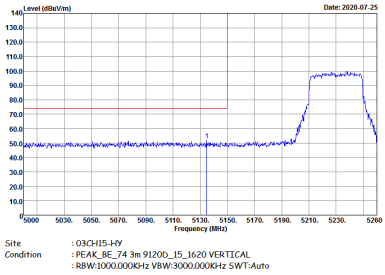
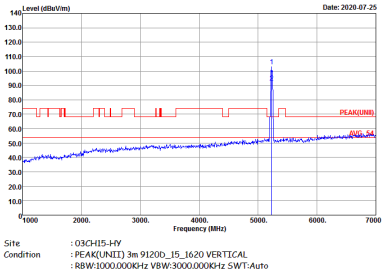
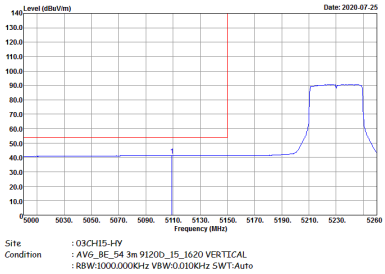
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

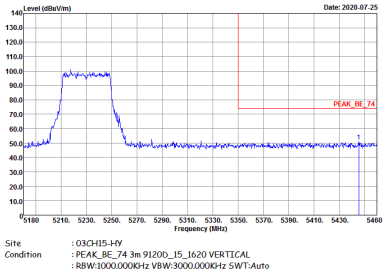
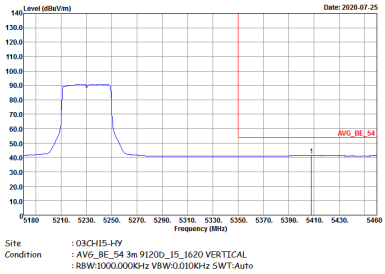
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

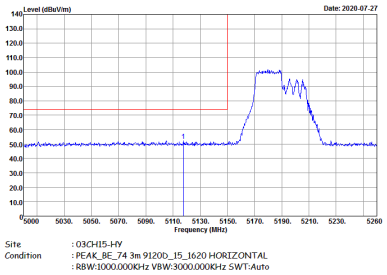
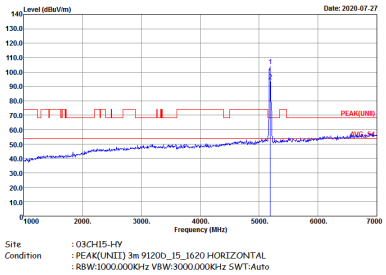
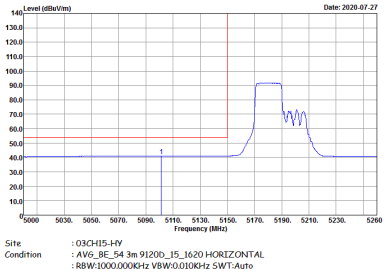
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

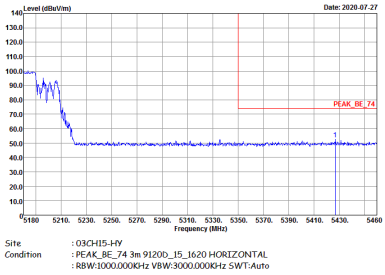
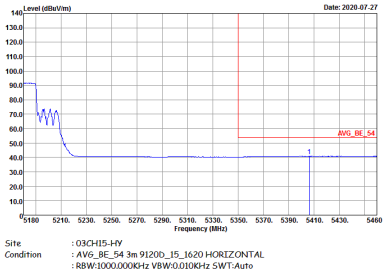
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

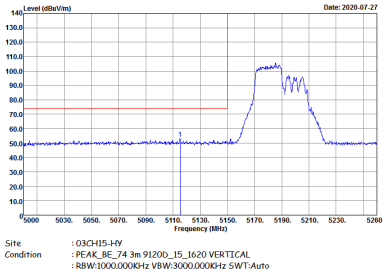
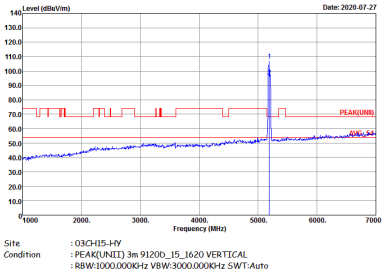
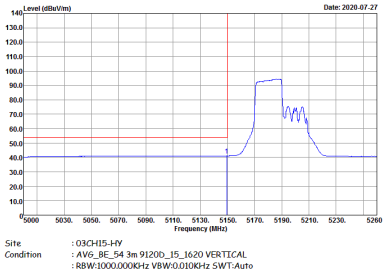
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

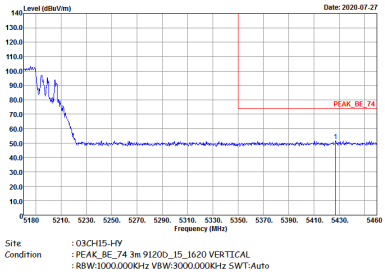
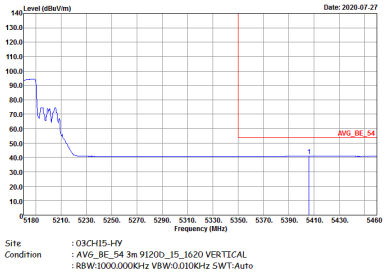
Band 1 5150~5250MHz

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

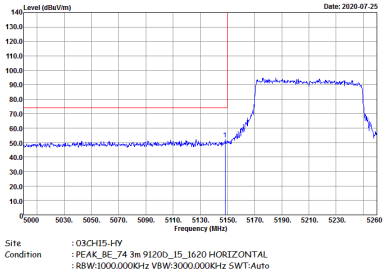
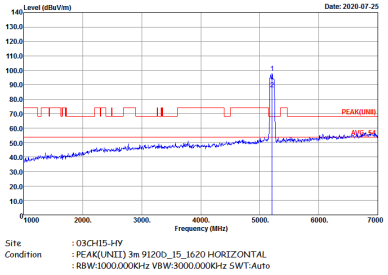
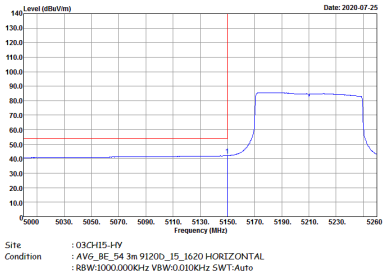
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

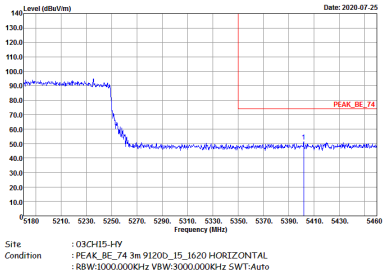
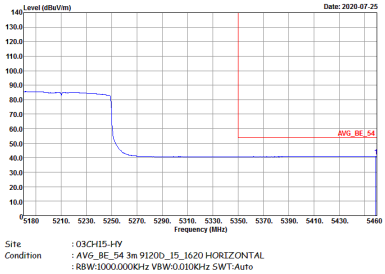
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

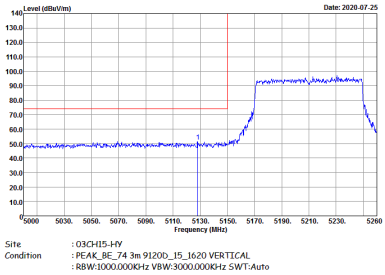
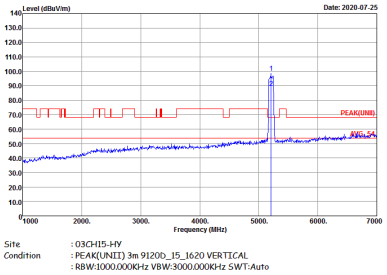
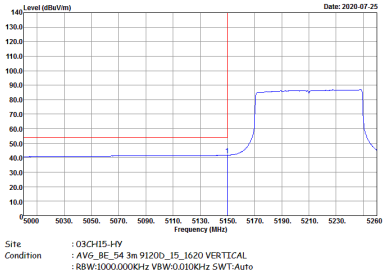
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

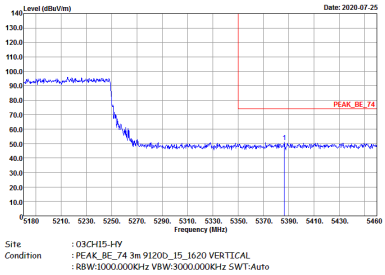
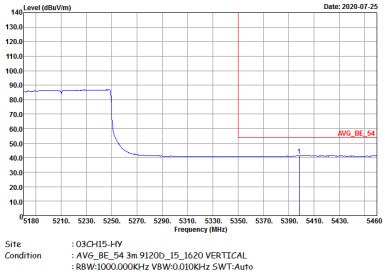
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

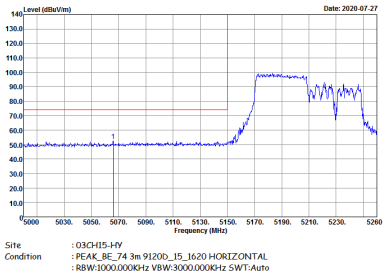
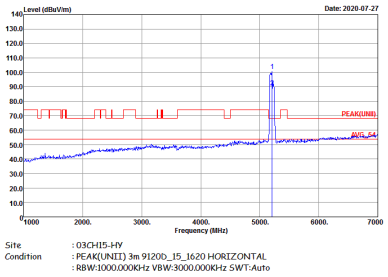
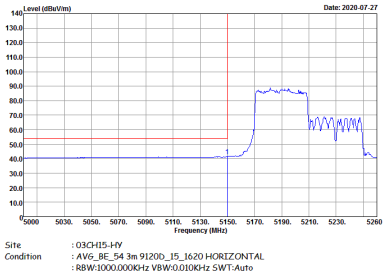
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

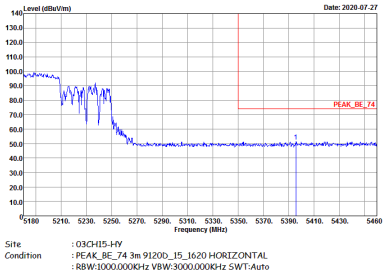
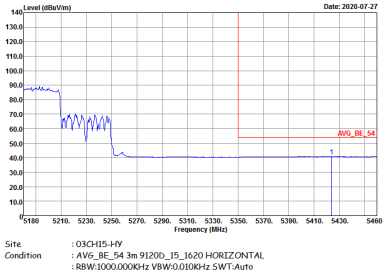
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

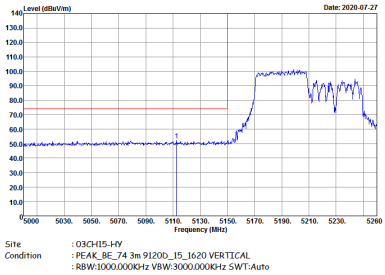
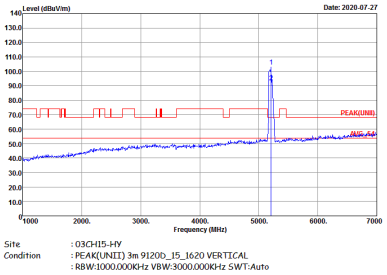
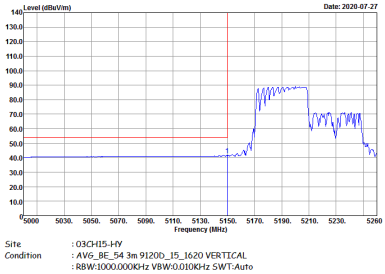
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

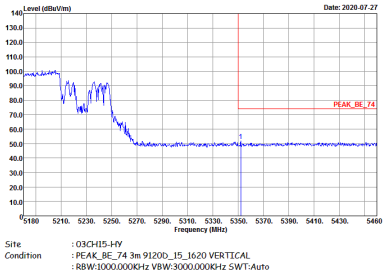
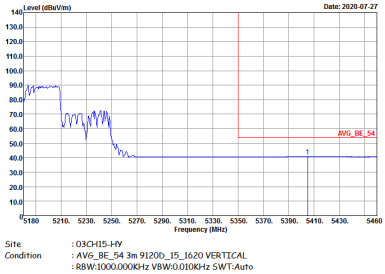
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

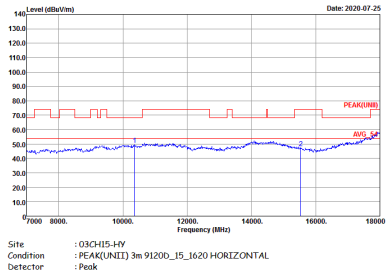
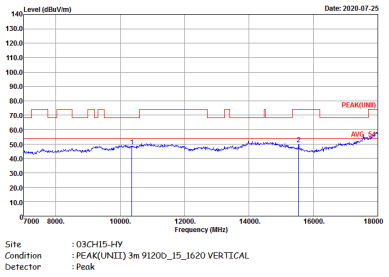
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

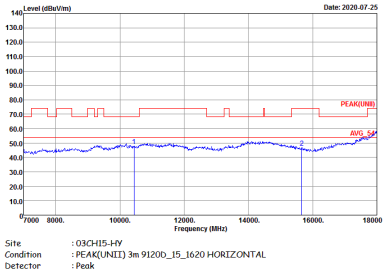
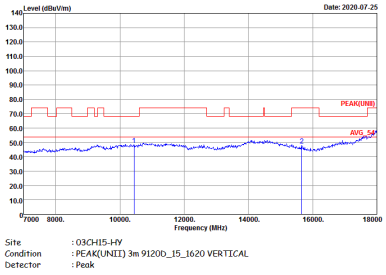
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

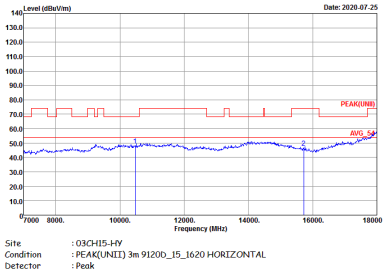
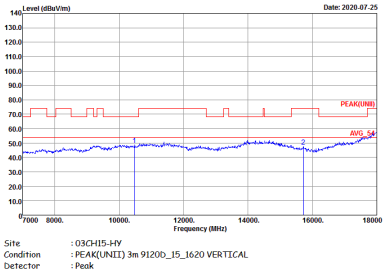
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

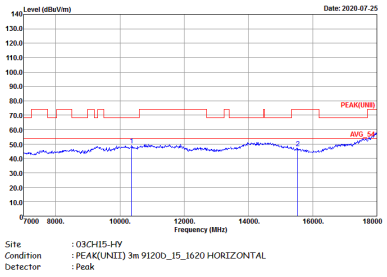
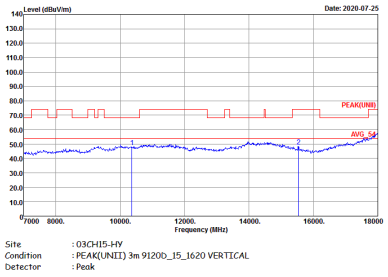
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

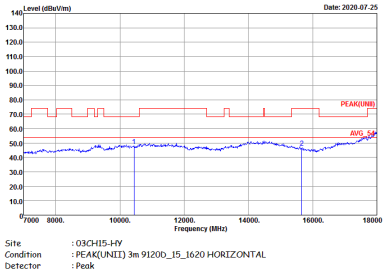
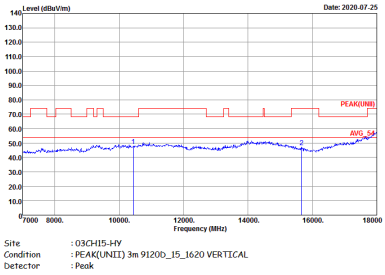
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

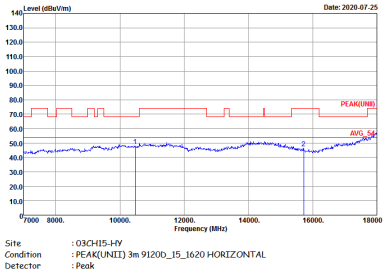
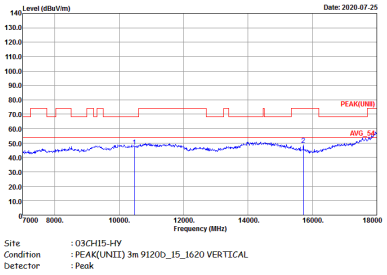
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

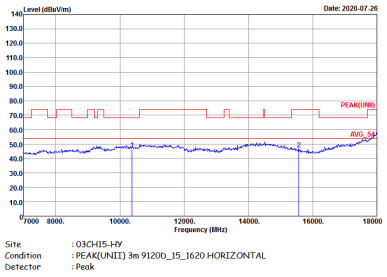
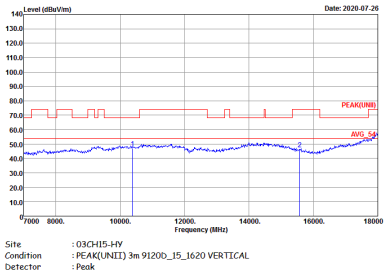
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

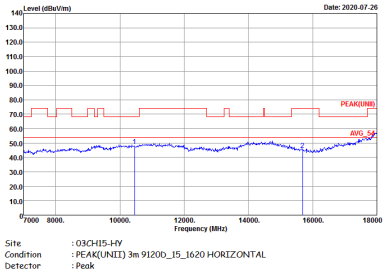
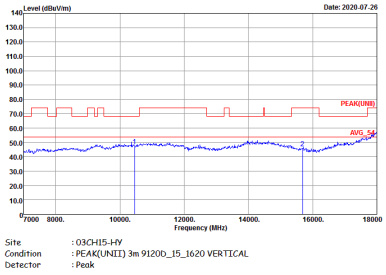
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

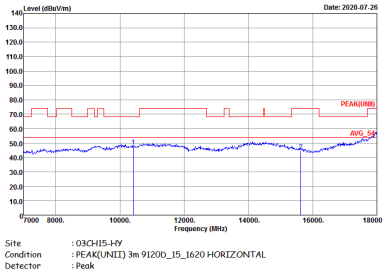
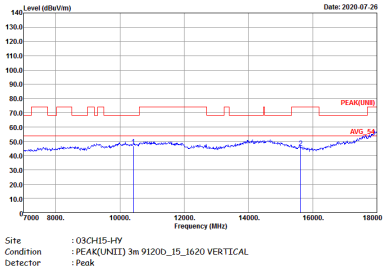
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
0+1	Horizontal	Vertical
Peak Avg.		

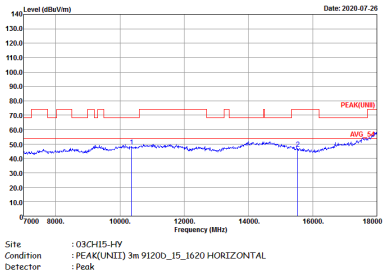
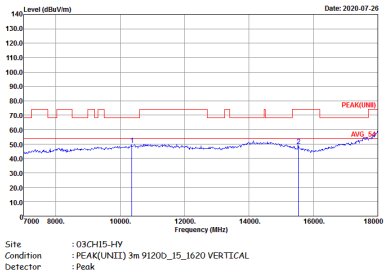
Band 1 5150~5250MHz

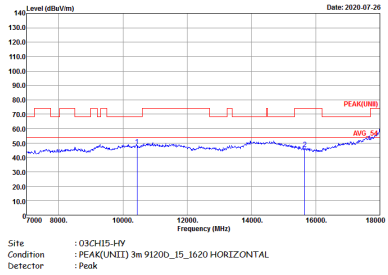
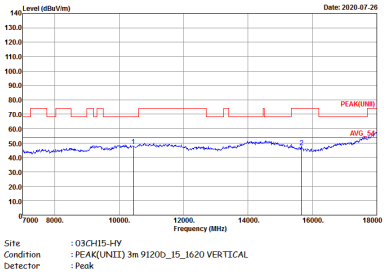
WIFI 802.11ac VHT80 (Harmonic @ 3m)

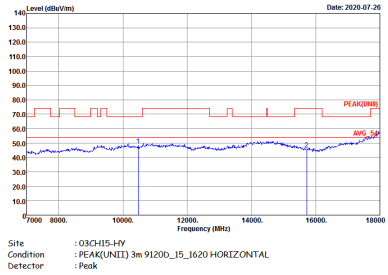
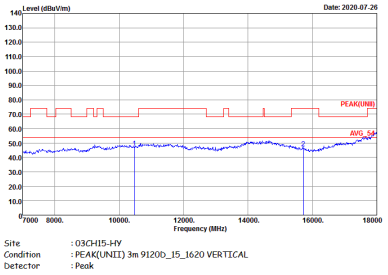
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

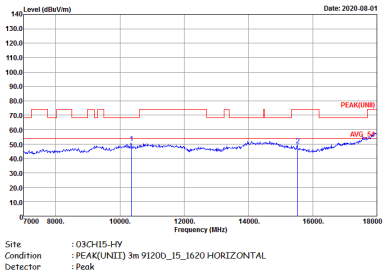
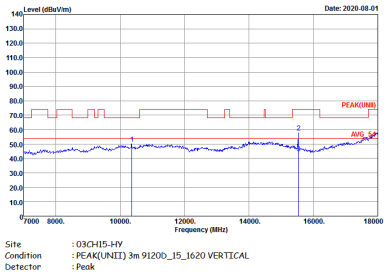
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

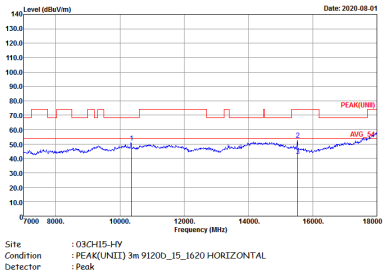
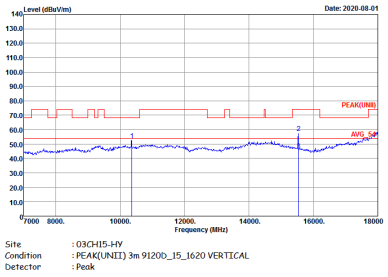
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

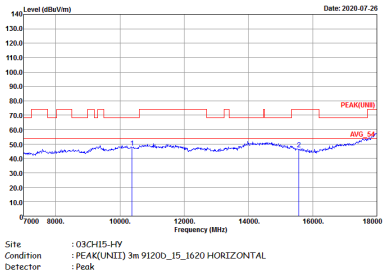
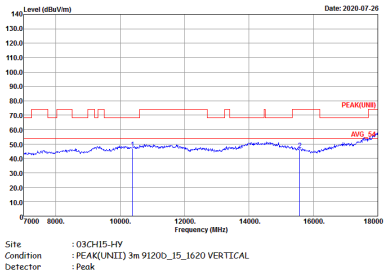
Band 1 5150~5250MHz

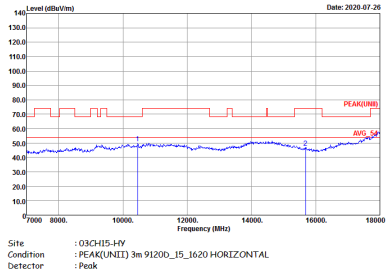
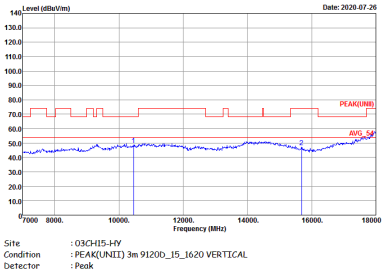
WIFI 802.11ax HE20 Partial 52 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

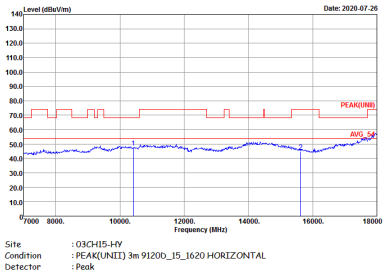
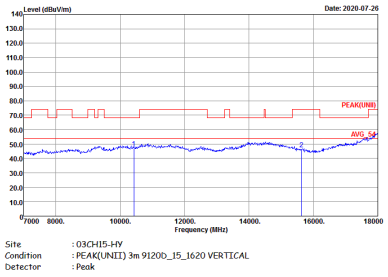
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

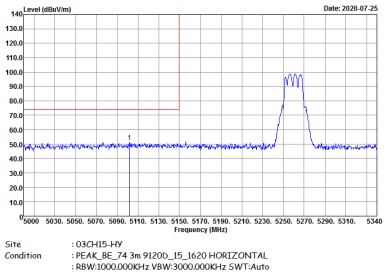
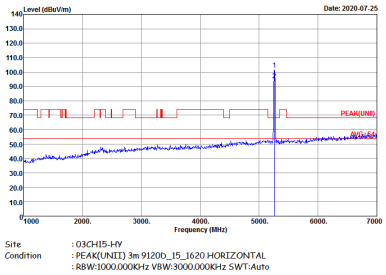
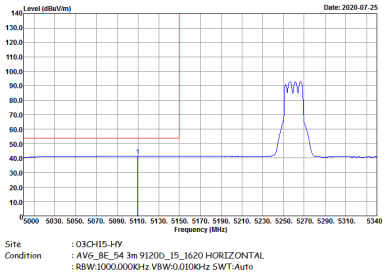
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

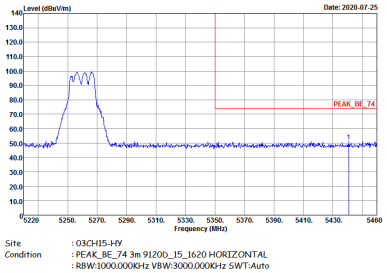
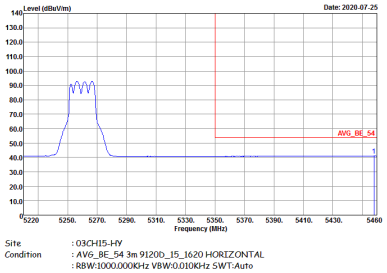
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
0+1	Horizontal	Vertical
Peak Avg.		

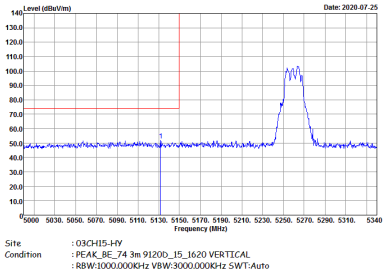
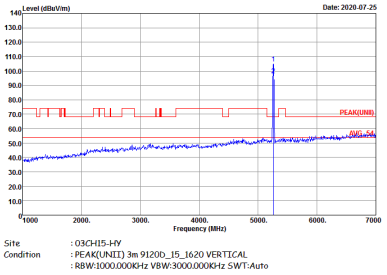
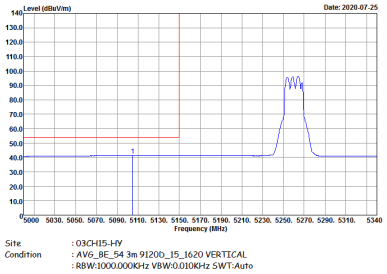
Band 1 5150~5250MHz

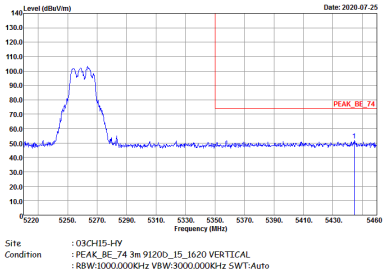
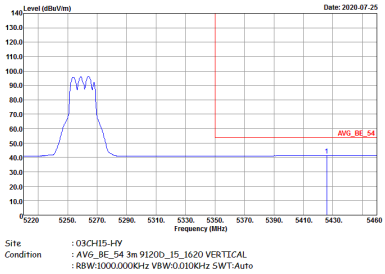
Band 2 - 5250~5350MHz

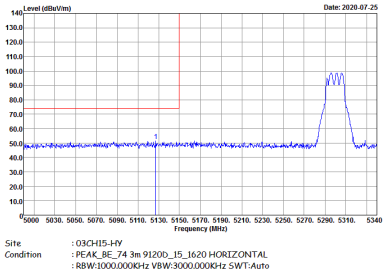
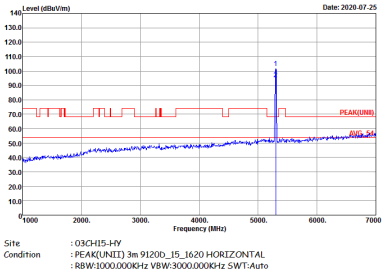
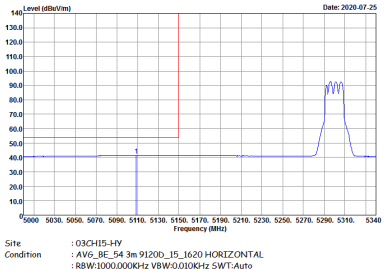
WIFI 802.11a (Band Edge @ 3m)

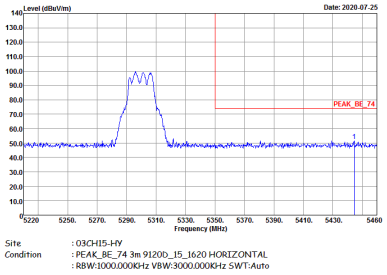
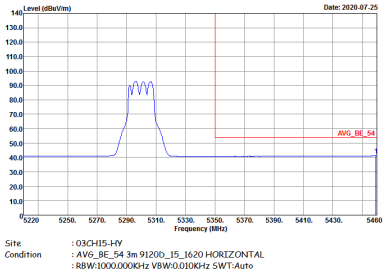
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

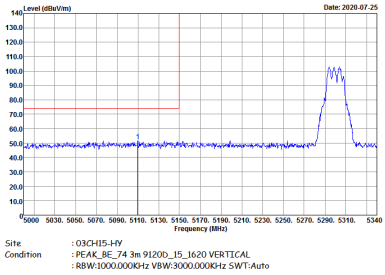
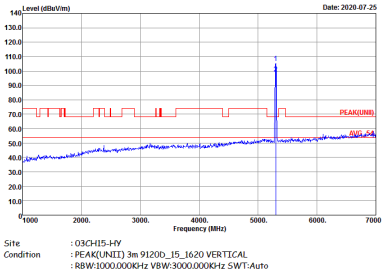
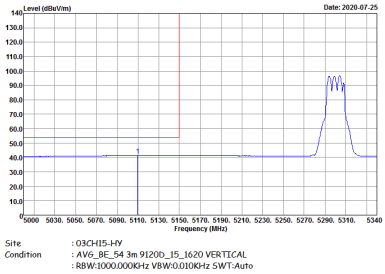
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

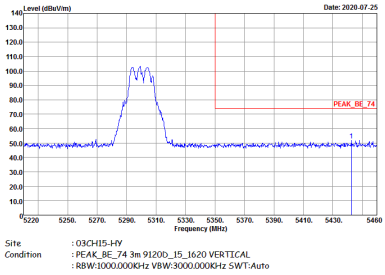
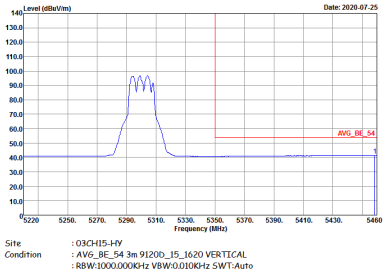
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

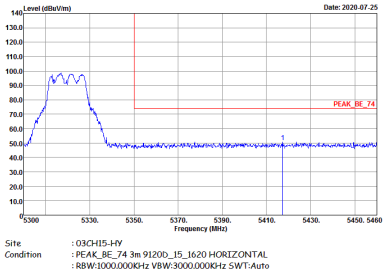
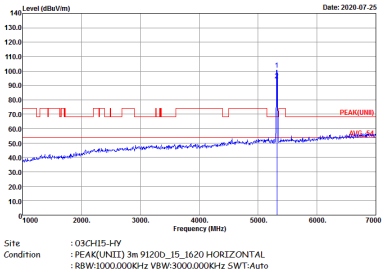
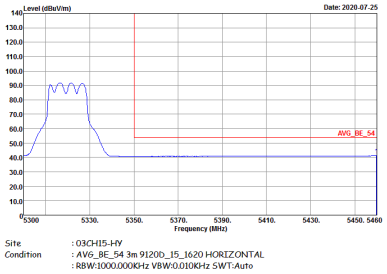
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

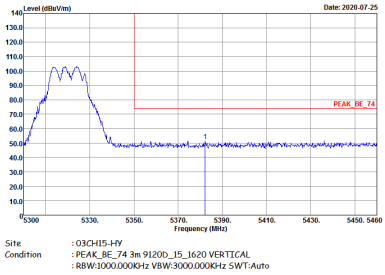
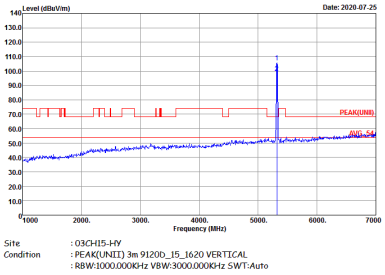
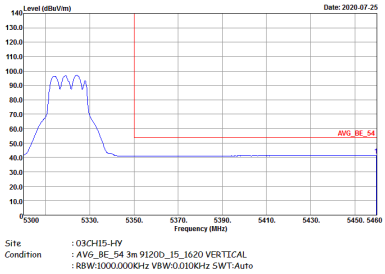
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

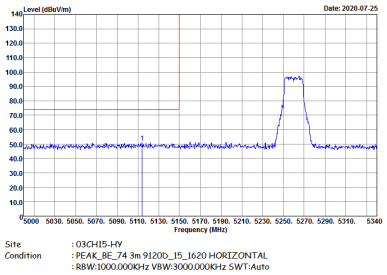
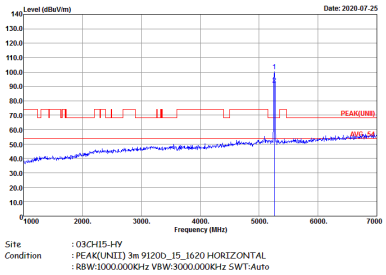
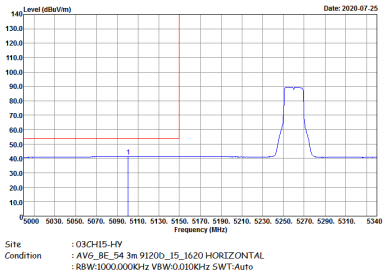
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

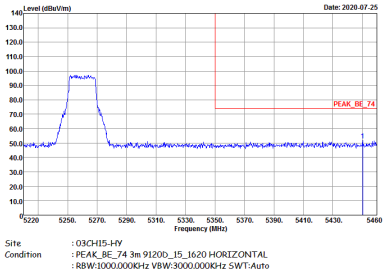
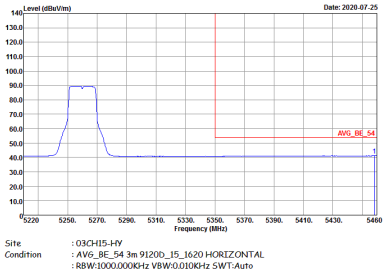
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

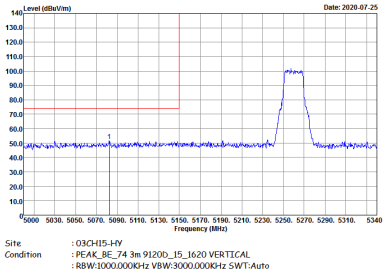
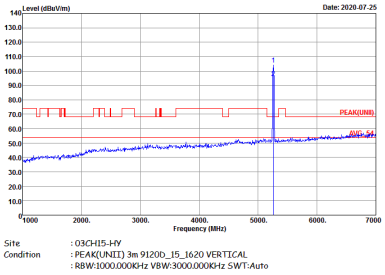
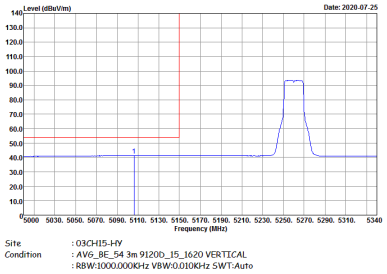
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

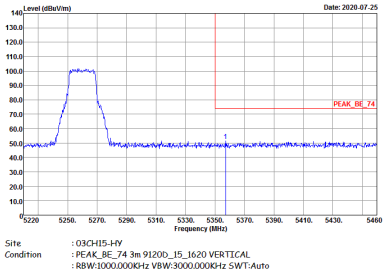
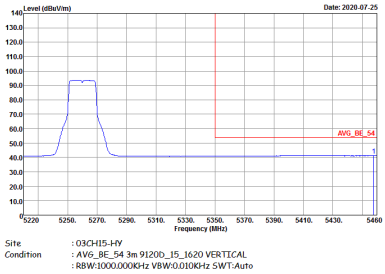
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

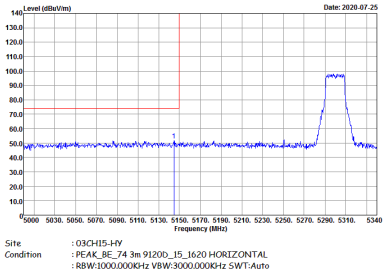
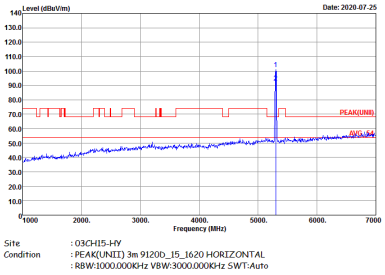
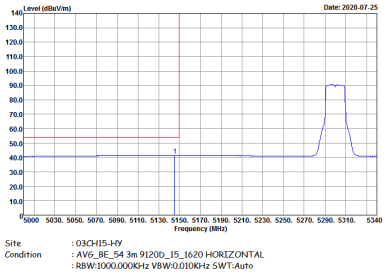
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

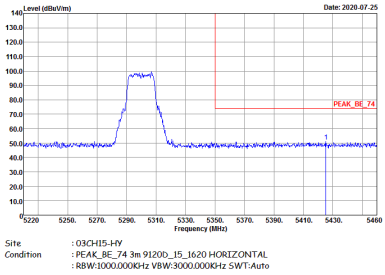
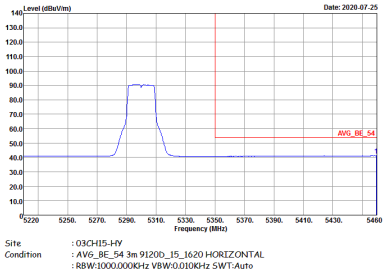
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

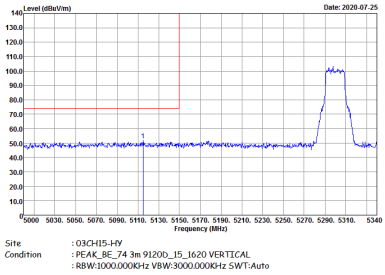
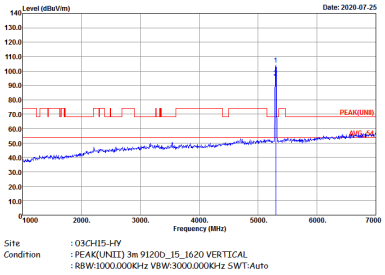
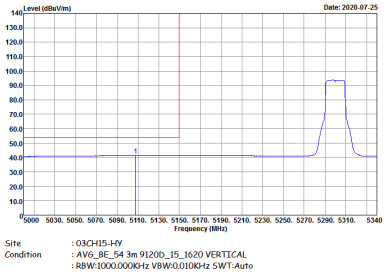
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

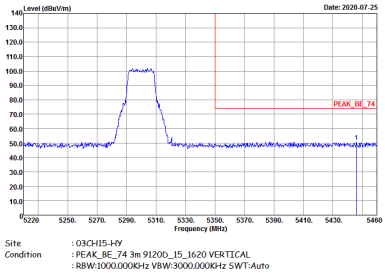
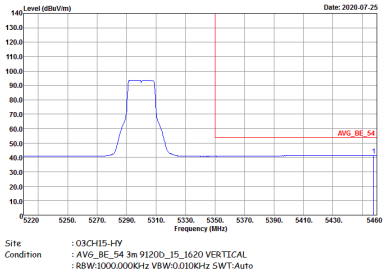
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

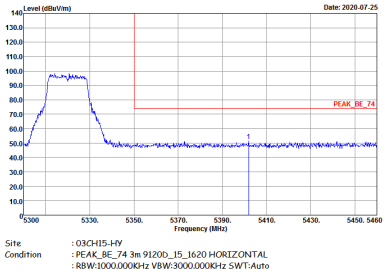
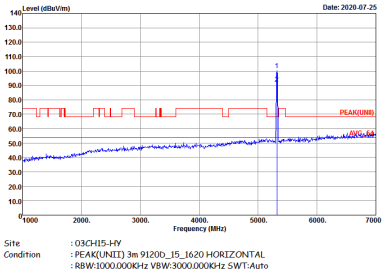
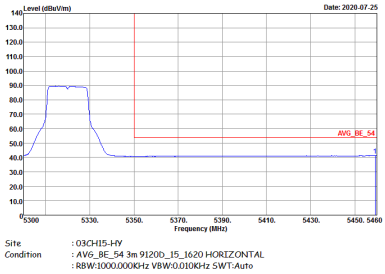
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

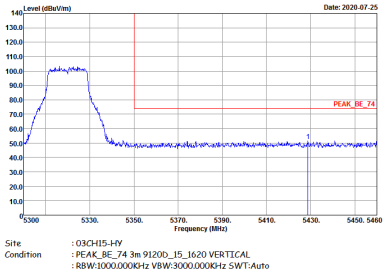
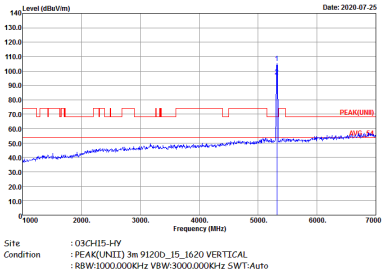
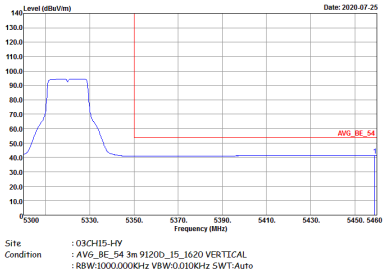
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
0+1	Horizontal	Vertical
Peak		Left blank
Avg.		Left blank

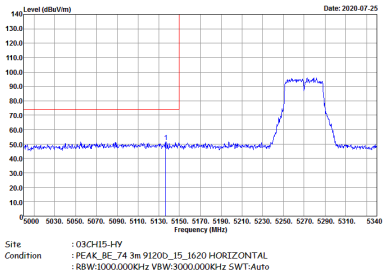
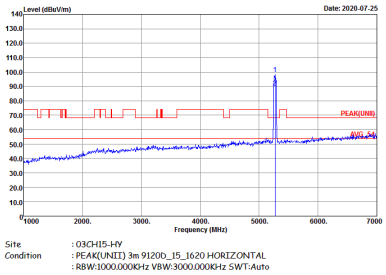
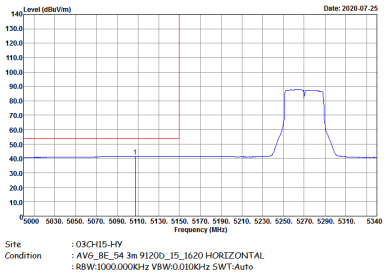
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

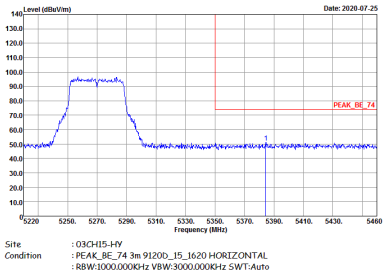
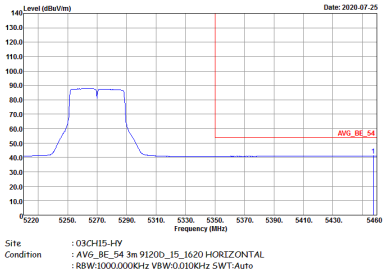
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

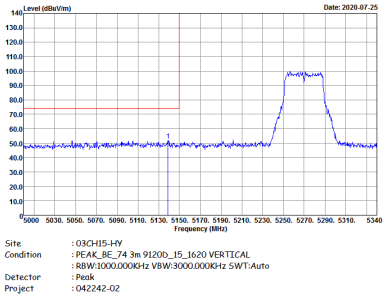
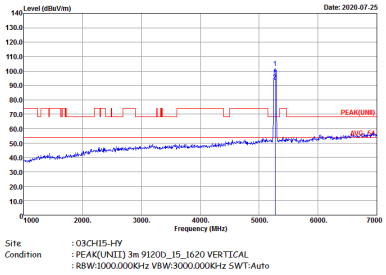
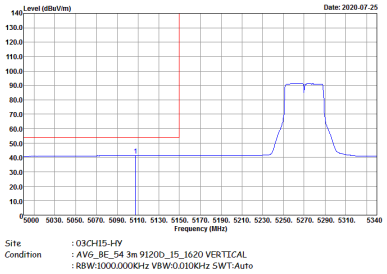
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

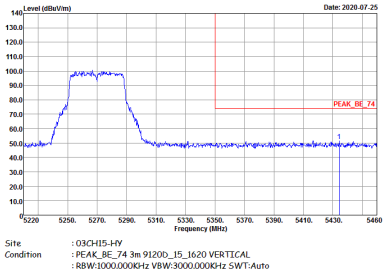
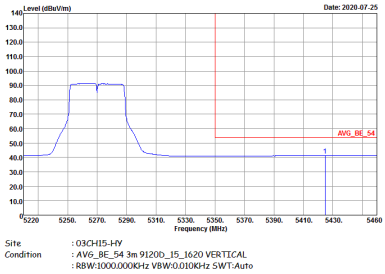
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

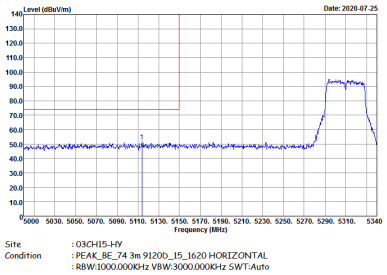
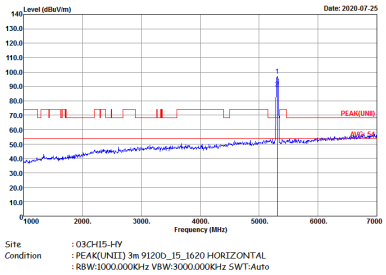
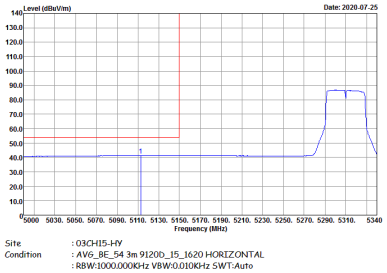
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - L	
0+1	Vertical	Vertical
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - R	
0+1	Vertical	Vertical
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank