FCC RADIO TEST REPORT

FCC ID	:	**2BCWO-ACPWM-100**
Equipment	:	**IP Network Camera**
Brand Name	:	**SafelyYou**
Model Name	:	**ACPWM-100**
Applicant	:	**SafelyYou** **36 Clyde Street, San Francisco, CA 94107**
Manufacturer	:	**Altek Corporation** **No. 12, Li-Hsin Road, HsinchuScience-Based Industrial Park, Taiwan**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Oct. 18, 2023 and testing was performed from Nov. 02, 2023 to Nov. 21, 2023. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issue Date
FR3O0513-01D	01	Initial issue of report	Dec. 04, 2023
FR3O0513-01D	02	Revise Product Feature and Appendix A This report is an updated version, replacing the report issued on Dec. 04, 2023.	Dec. 11, 2023

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	4.30 dB under the limit at 5725.00 MHz
3.5	15.207	AC Conducted Emission	Pass	15.91 dB under the limit at 0.15 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Yun Huang

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax **Antenna Type** WLAN: **<Ant. 1>:** FPC Dipole Antenna **<Ant. 2>:** FPC Dipole Antenna Bluetooth: FPC Dipole Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 1: 5.60 Ant. 2: 4.79
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 1: 5.60 Ant. 2: 5.24
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 1: 6.30 Ant. 2: 6.28

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

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the kth antenna.

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

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

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

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	5.60	4.79	5.60	8.21	0.00	2.21
Band II	5.60	5.24	5.60	8.43	0.00	2.43
Band III	6.30	6.28	6.30	9.30	0.30	3.30

Calculation example:

If a device has two antenna, G_{ANT1}= 5.60dBi; G_{ANT2}=4.79dBi

Directional gain of power measurement = max(5.60, 4.79) + 0 = 5.60 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (5.60 dBi / 20) + 10^ (4.79 dBi / 20)] ^ 2 } / 2 }

= 8.21 dBi

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

<TXBF Modes>

The EUT supports beamforming modes , then

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)e)ii)

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

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

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 1	Ant 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	5.60	4.79	8.21	8.21	2.21	2.21
Band II	5.60	5.24	8.43	8.43	2.43	2.43
Band III	6.30	6.28	9.30	9.30	3.30	3.30

Calculation example:

Directional gain is derived from formula which is

10 x log { { [10^ (5.60 dBi / 20) + 10^ (4.79 dBi / 20)] ^ 2 } / 2 }

= 8.21 dBi

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, CO07-HY, 03CH11-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	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

Note:

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

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2018.

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

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power and PSD of the beamforming mode are less than the non-beamforming mode, so all other conducted tests are covered by the non-beamforming mode and the radiated tests are verified.

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

CDD Mode

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

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

TXBF Mode

Modulation	Data Rate
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) TX + Adapter

<CDD Mode>

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

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	-	-	116
H	High	48	64	140

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

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	-	102
M	Middle	-	-	-
H	High	-	62	134

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

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

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

<TXBF Mode>

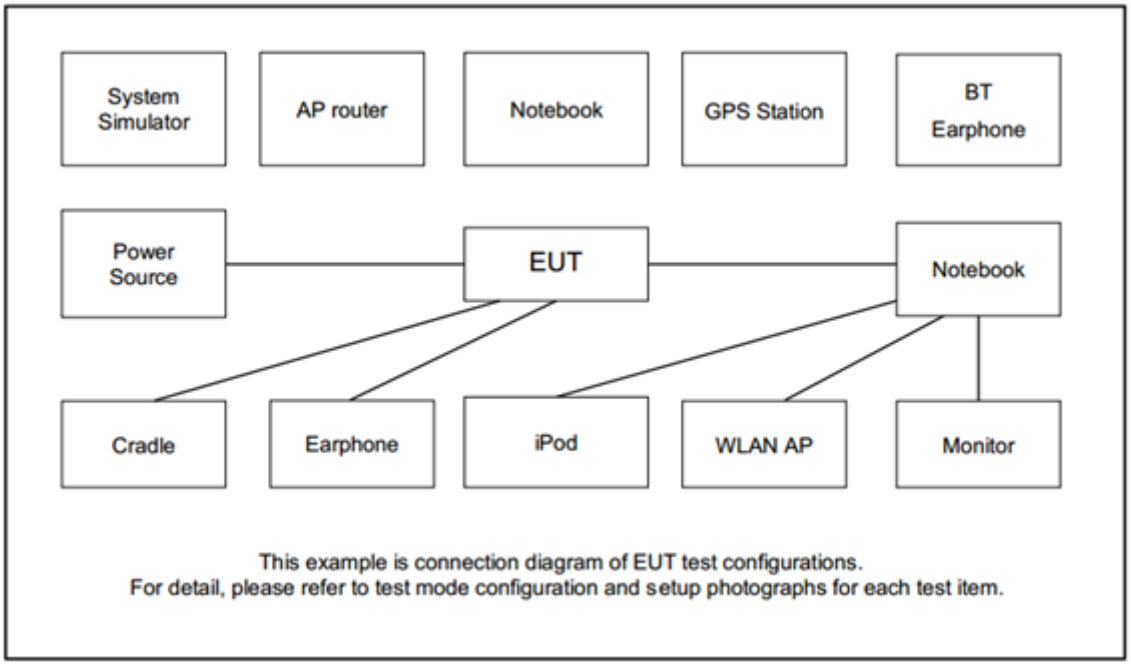
Ch. #		Band III：5470-5725MHz
		802.11ax HE20
L	Low	-
M	Middle	116
H	High	140

Ch. #		Band II：5250-5350 MHz
		802.11ac VHT80
L	Low	-
M	Middle	58
H	High	-

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

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

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT v4.0.00211.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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.

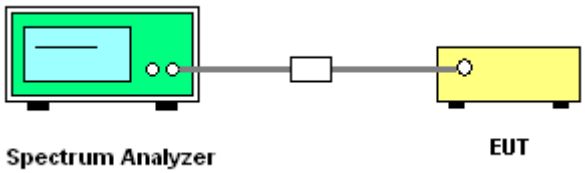
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

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.

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

<CDD Modes>

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

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

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

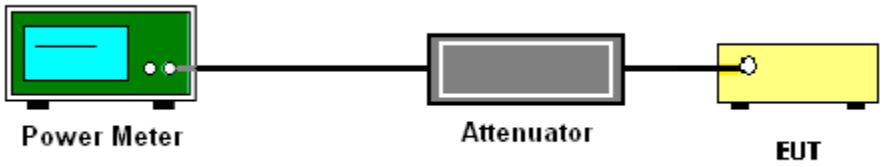
<TXBF Modes>

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

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

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

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

3.3.4 Test Setup

3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

$$E=\frac{1000000\sqrt{30P}}{3}$$ 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

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

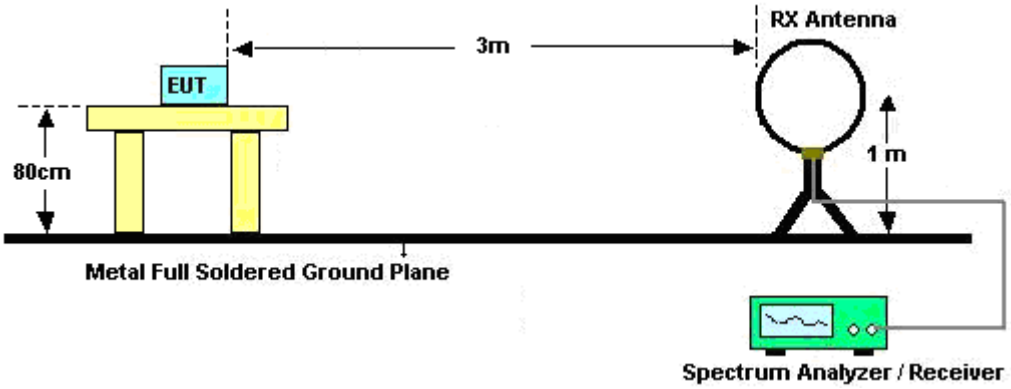
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

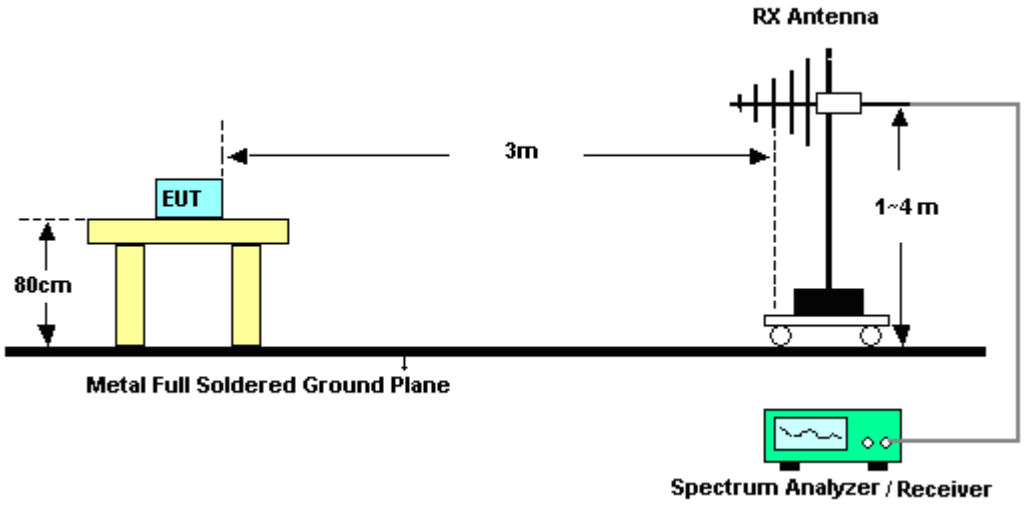
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

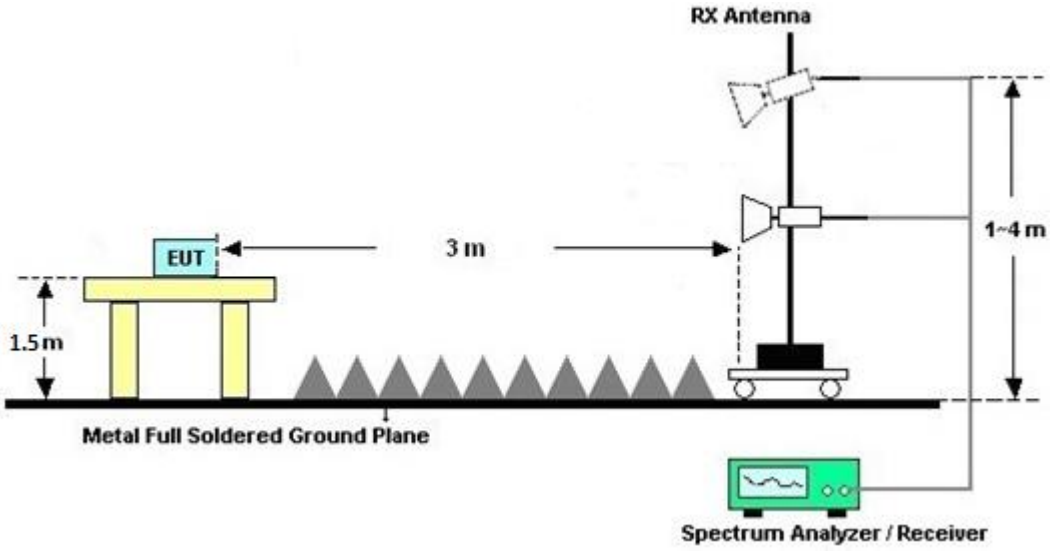
For radiated emissions below 30MHz



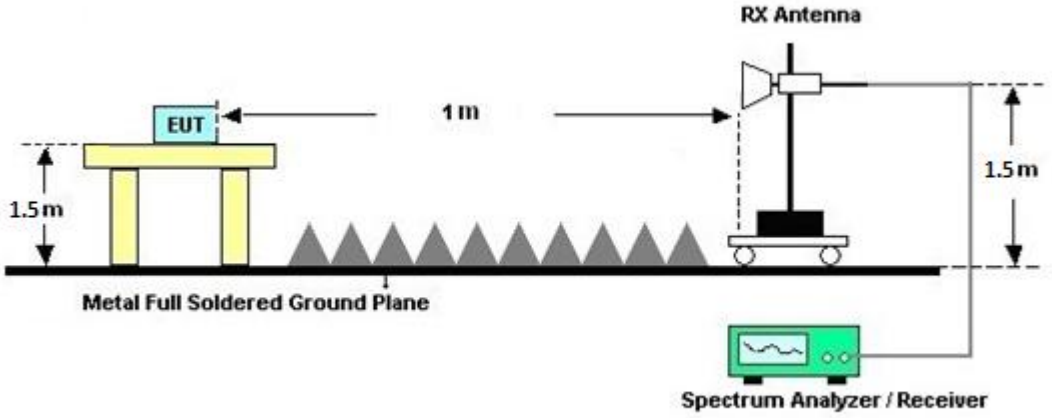
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

Frequency of emission (MHz)	Conducted limit (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.

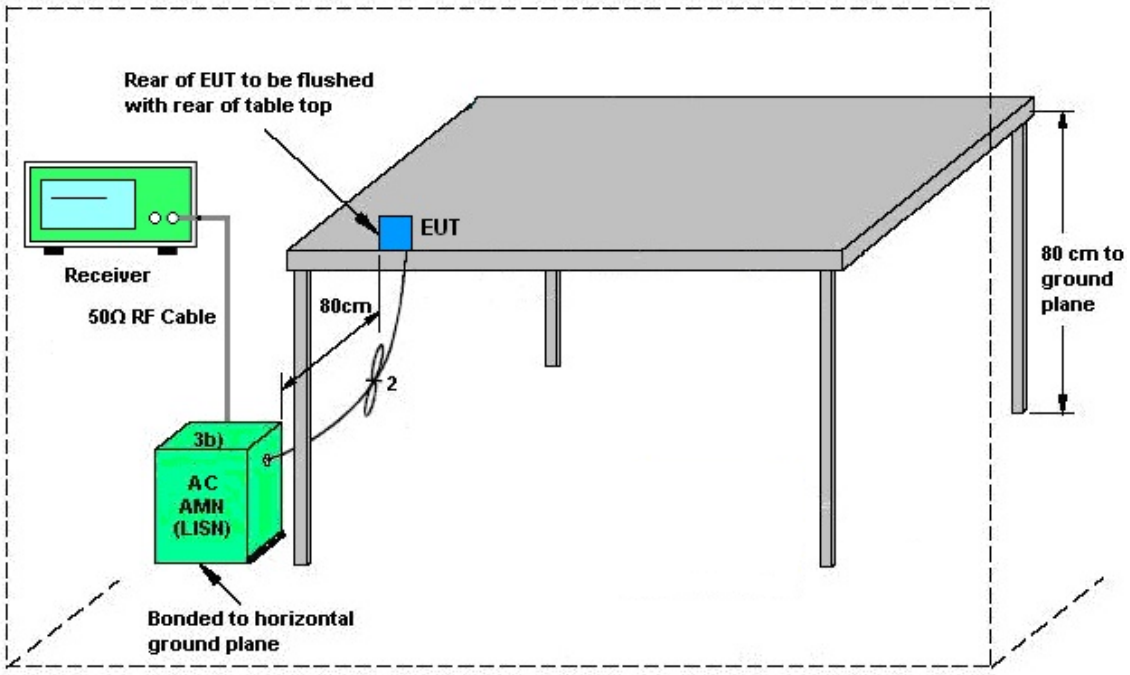
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Nov. 02, 2023~ Nov. 08, 2023	Sep. 11, 2024	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 07, 2023	Nov. 02, 2023~ Nov. 08, 2023	Oct. 06, 2024	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 17, 2023	Nov. 02, 2023~ Nov. 08, 2023	Aug. 18, 2024	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1225	18GHz~40GHz	Jul. 10, 2023	Nov. 02, 2023~ Nov. 08, 2023	Jul. 09, 2024	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 09, 2022	Nov. 02, 2023~ Nov. 08, 2023	Dec. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 09, 2022	Nov. 02, 2023~ Nov. 07, 2023	Nov. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000 55007	1GHz~18GHz	Jun. 14, 2023	Nov. 02, 2023~ Nov. 08, 2023	Jun. 13, 2024	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Nov. 02, 2023~ Nov. 08, 2023	Jun. 26, 2024	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 05, 2023	Nov. 02, 2023~ Nov. 08, 2023	Oct. 04, 2024	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 06, 2023	Nov. 02, 2023~ Nov. 08, 2023	Oct. 05, 2024	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 02, 2023~ Nov. 08, 2023	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Nov. 02, 2023~ Nov. 08, 2023	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Nov. 02, 2023~ Nov. 08, 2023	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Nov. 02, 2023~ Nov. 08, 2023	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	Nov. 02, 2023~ Nov. 08, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801595/2	30MHz~40GHz	Mar. 07, 2023	Nov. 02, 2023~ Nov. 08, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Nov. 02, 2023~ Nov. 08, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	Nov. 02, 2023~ Nov. 08, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 11, 2023	Nov. 02, 2023~ Nov. 08, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 11, 2023	Nov. 02, 2023~ Nov. 08, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 11, 2023	Nov. 02, 2023~ Nov. 08, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 11, 2023	Nov. 02, 2023~ Nov. 08, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Sep. 08, 2023	Nov. 02, 2023~ Nov. 08, 2023	Sep. 07, 2024	Radiation (03CH11-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Nov. 15, 2023	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 15, 2023	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	Nov. 15, 2023	Oct. 19, 2024	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 15, 2023	Nov. 15, 2023	Mar. 14, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 05, 2023	Nov. 15, 2023	Mar. 04, 2024	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Nov. 15, 2023	Sep. 19, 2024	Conduction (CO07-HY)
Hygrometer	TECPEL	DTM-303B	TP200735	N/A	Mar. 28, 2023	Oct. 20, 2023~ Nov. 21, 2023	Mar. 27, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	Oct. 20, 2023~ Nov. 21, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101565	10Hz ~ 40GHz	Dec. 26, 2022	Oct. 20, 2023~ Nov. 21, 2023	Dec. 25, 2023	Conducted (TH05-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.44 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.10 dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.30 dB**

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.30 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.30 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2023/10/20~2023/11/21	Relative Humidity:	51~54	%

<CDD Mode>

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.33	16.38	18.96	18.96	-		22.13			
11a	6Mbps	2	44	5220	16.33	16.38	18.88	18.88	-		22.13			
11a	6Mbps	2	48	5240	16.33	16.33	18.88	19.12	-		22.13			
HT20	MCS0	2	36	5180	17.53	17.53	20.24	20.00	-		22.44			
HT20	MCS0	2	44	5220	17.58	17.53	20.64	19.92	-		22.44			
HT20	MCS0	2	48	5240	17.58	17.53	20.48	19.92	-		22.44			
HT40	MCS0	2	38	5190	36.06	36.06	40.64	40.48	-		23.01			
HT40	MCS0	2	46	5230	36.16	36.16	41.12	40.80	-		23.01		-	
VHT20	MCS0	2	36	5180	17.53	17.53	20.24	20.08	-		22.44			
VHT20	MCS0	2	44	5220	17.58	17.48	20.08	20.08	-		22.43			
VHT20	MCS0	2	48	5240	17.58	17.53	20.40	20.00	-		22.44			
VHT40	MCS0	2	38	5190	36.06	36.06	40.64	40.64	-		23.01			
VHT40	MCS0	2	46	5230	36.16	36.16	41.12	40.48	-		23.01			
VHT80	MCS0	2	42	5210	75.40	70.40	82.24	82.24	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	11.30	10.60	13.97	24.00		5.60		-	Pass
11a	6Mbps	2	44	5220	11.30	10.40	13.88	24.00		5.60			Pass
11a	6Mbps	2	48	5240	11.30	10.60	13.97	24.00		5.60			Pass
HT20	MCS0	2	36	5180	11.00	9.60	13.37	24.00		5.60			Pass
HT20	MCS0	2	44	5220	11.10	9.60	13.42	24.00		5.60			Pass
HT20	MCS0	2	48	5240	11.10	9.90	13.55	24.00		5.60			Pass
HT40	MCS0	2	38	5190	12.60	10.90	14.84	24.00		5.60			Pass
HT40	MCS0	2	46	5230	12.40	11.00	14.77	24.00		5.60			Pass
VHT20	MCS0	2	36	5180	11.10	9.70	13.47	24.00		5.60			Pass
VHT20	MCS0	2	44	5220	11.20	9.70	13.52	24.00		5.60			Pass
VHT20	MCS0	2	48	5240	11.20	10.00	13.65	24.00		5.60			Pass
VHT40	MCS0	2	38	5190	12.70	11.00	14.94	24.00		5.60			Pass
VHT40	MCS0	2	46	5230	12.50	11.10	14.87	24.00		5.60			Pass
VHT80	MCS0	2	42	5210	12.70	11.20	15.02	24.00		5.60			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	0.32	0.32			1.60	8.79		8.21			Pass
11a	6Mbps	2	44	5220	0.32	0.32			1.69	8.79		8.21			Pass
11a	6Mbps	2	48	5240	0.32	0.32			1.63	8.79		8.21			Pass
HT20	MCS0	2	36	5180	0.00	0.00			1.70	8.79		8.21			Pass
HT20	MCS0	2	44	5220	0.00	0.00			1.48	8.79		8.21			Pass
HT20	MCS0	2	48	5240	0.00	0.00			1.18	8.79		8.21			Pass
HT40	MCS0	2	38	5190	0.00	0.00			-0.08	8.79		8.21			Pass
HT40	MCS0	2	46	5230	0.00	0.00	-		-0.53	8.79		8.21		-	Pass
VHT20	MCS0	2	36	5180	0.00	0.00			1.58	8.79		8.21			Pass
VHT20	MCS0	2	44	5220	0.00	0.00			1.41	8.79		8.21			Pass
VHT20	MCS0	2	48	5240	0.00	0.00			1.14	8.79		8.21			Pass
VHT40	MCS0	2	38	5190	0.00	0.00			0.01	8.79		8.21			Pass
VHT40	MCS0	2	46	5230	0.00	0.00			-0.48	8.79		8.21			Pass
VHT80	MCS0	2	42	5210	0.00	0.00			-3.08	8.79		8.21			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.28	16.38	18.96	19.44	23.12		29.12		23.78		-
11a	6Mbps	2	60	5300	16.33	16.33	19.04	18.96	23.13		29.13		23.78		
11a	6Mbps	2	64	5320	16.33	16.38	19.04	19.12	23.13		29.13		23.80		
HT20	MCS0	2	52	5260	17.53	17.53	20.16	20.24	23.44		29.44		23.98		
HT20	MCS0	2	60	5300	17.53	17.48	20.24	20.00	23.43		29.43		23.98		
HT20	MCS0	2	64	5320	17.53	17.53	20.24	20.48	23.44		29.44		23.98		
HT40	MCS0	2	54	5270	36.06	36.16	40.80	40.80	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.16	36.16	41.28	40.80	23.98		30.00		23.98		
VHT20	MCS0	2	52	5260	17.53	17.48	20.00	20.00	23.43		29.43		23.98		
VHT20	MCS0	2	60	5300	17.58	17.48	20.48	20.08	23.43		29.43		23.98		
VHT20	MCS0	2	64	5320	17.58	17.53	20.16	20.08	23.44		29.44		23.98		
VHT40	MCS0	2	54	5270	36.06	36.16	40.96	40.80	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.16	36.16	41.12	40.48	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.28	75.28	82.88	82.24	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	12.40	10.60	14.60	23.78		5.60		26.99	Pass
11a	6Mbps	2	60	5300	12.60	10.80	14.80	23.78		5.60		26.99	Pass
11a	6Mbps	2	64	5320	12.40	10.80	14.68	23.80		5.60		26.99	Pass
HT20	MCS0	2	52	5260	12.00	11.00	14.54	23.98		5.60		26.99	Pass
HT20	MCS0	2	60	5300	12.20	11.20	14.74	23.98		5.60		26.99	Pass
HT20	MCS0	2	64	5320	12.20	11.20	14.74	23.98		5.60		26.99	Pass
HT40	MCS0	2	54	5270	12.20	10.90	14.61	23.98		5.60		26.99	Pass
HT40	MCS0	2	62	5310	11.80	11.00	14.43	23.98		5.60		26.99	Pass
VHT20	MCS0	2	52	5260	12.10	11.10	14.64	23.98		5.60		26.99	Pass
VHT20	MCS0	2	60	5300	12.30	11.30	14.84	23.98		5.60		26.99	Pass
VHT20	MCS0	2	64	5320	12.30	11.30	14.84	23.98		5.60		26.99	Pass
VHT40	MCS0	2	54	5270	12.30	11.00	14.71	23.98		5.60		26.99	Pass
VHT40	MCS0	2	62	5310	11.90	11.10	14.53	23.98		5.60		26.99	Pass
VHT80	MCS0	2	58	5290	12.40	11.40	14.94	23.98		5.60		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	0.32	0.32			2.79	8.57		8.43			Pass
11a	6Mbps	2	60	5300	0.32	0.32			2.44	8.57		8.43			Pass
11a	6Mbps	2	64	5320	0.32	0.32			2.36	8.57		8.43			Pass
HT20	MCS0	2	52	5260	0.00	0.00			2.84	8.57		8.43			Pass
HT20	MCS0	2	60	5300	0.00	0.00			2.39	8.57		8.43			Pass
HT20	MCS0	2	64	5320	0.00	0.00			2.59	8.57		8.43			Pass
HT40	MCS0	2	54	5270	0.00	0.00			0.00	8.57		8.43			Pass
HT40	MCS0	2	62	5310	0.00	0.00	-		-0.53	8.57		8.43		-	Pass
VHT20	MCS0	2	52	5260	0.00	0.00			2.78	8.57		8.43			Pass
VHT20	MCS0	2	60	5300	0.00	0.00			2.35	8.57		8.43			Pass
VHT20	MCS0	2	64	5320	0.00	0.00			2.56	8.57		8.43			Pass
VHT40	MCS0	2	54	5270	0.00	0.00			0.13	8.57		8.43			Pass
VHT40	MCS0	2	62	5310	0.00	0.00			-0.36	8.57		8.43			Pass
VHT80	MCS0	2	58	5290	0.00	0.00			-2.98	8.57		8.43			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.33	16.38	19.28	19.28	23.13		29.13		23.85		----	----
11a	6Mbps	2	116	5580	16.33	16.33	18.96	19.20	23.13		29.13		23.78		----	----
11a	6Mbps	2	140	5700	16.38	16.33	19.28	19.20	23.13		29.13		23.83		----	----
HT20	MCS0	2	100	5500	17.53	17.48	20.24	20.24	23.43		29.43		23.98		----	----
HT20	MCS0	2	116	5580	17.53	17.48	20.40	20.56	23.43		29.43		23.98		----	----
HT20	MCS0	2	140	5700	17.58	17.53	20.40	20.24	23.44		29.44		23.98		----	----
HT40	MCS0	2	102	5510	36.16	36.16	40.96	40.48	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.16	36.16	40.80	40.64	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.16	36.16	40.80	40.88	23.98		30.00		23.98		----	----
VHT20	MCS0	2	100	5500	17.53	17.48	20.24	20.08	23.43		29.43		23.98		----	----
VHT20	MCS0	2	116	5580	17.53	17.48	20.32	20.00	23.43		29.43		23.98		----	----
VHT20	MCS0	2	140	5700	17.53	17.53	20.40	20.32	23.44		29.44		23.98		----	----
VHT40	MCS0	2	102	5510	36.16	36.06	40.64	40.48	23.98		30.00		23.98		----	----
VHT40	MCS0	2	110	5550	36.16	36.16	40.80	40.64	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	36.16	36.16	40.80	40.64	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	75.28	75.40	82.24	82.56	23.98		30.00		23.98		----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	12.20	11.30	14.78	23.55		6.30		26.99	Pass
11a	6Mbps	2	116	5580	12.30	11.40	14.88	23.48		6.30		26.99	Pass
11a	6Mbps	2	140	5700	12.30	11.10	14.75	23.53		6.30		26.99	Pass
HT20	MCS0	2	100	5500	12.30	11.70	15.02	23.68		6.30		26.99	Pass
HT20	MCS0	2	116	5580	12.40	11.80	15.12	23.68		6.30		26.99	Pass
HT20	MCS0	2	140	5700	12.40	11.20	14.85	23.68		6.30		26.99	Pass
HT40	MCS0	2	102	5510	12.30	11.80	15.07	23.68		6.30		26.99	Pass
HT40	MCS0	2	110	5550	12.50	11.90	15.22	23.68		6.30		26.99	Pass
HT40	MCS0	2	134	5670	12.70	11.30	15.07	23.68		6.30		26.99	Pass
VHT20	MCS0	2	100	5500	12.40	11.80	15.12	23.68		6.30		26.99	Pass
VHT20	MCS0	2	116	5580	12.50	11.90	15.22	23.68		6.30		26.99	Pass
VHT20	MCS0	2	140	5700	12.50	11.30	14.95	23.68		6.30		26.99	Pass
VHT40	MCS0	2	102	5510	12.40	11.90	15.17	23.68		6.30		26.99	Pass
VHT40	MCS0	2	110	5550	12.50	12.00	15.27	23.68		6.30		26.99	Pass
VHT40	MCS0	2	134	5670	12.70	11.40	15.11	23.68		6.30		26.99	Pass
VHT80	MCS0	2	106	5530	12.40	12.10	15.26	23.68		6.30		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	0.32	0.32			2.95	7.70		9.30			Pass
11a	6Mbps	2	116	5580	0.32	0.32			2.47	7.70		9.30			Pass
11a	6Mbps	2	140	5700	0.32	0.32			2.26	7.70		9.30			Pass
HT20	MCS0	2	100	5500	0.00	0.00			3.46	7.70		9.30			Pass
HT20	MCS0	2	116	5580	0.00	0.00			2.92	7.70		9.30			Pass
HT20	MCS0	2	140	5700	0.00	0.00			2.59	7.70		9.30			Pass
HT40	MCS0	2	102	5510	0.00	0.00			0.41	7.70		9.30			Pass
HT40	MCS0	2	110	5550	0.00	0.00			0.09	7.70		9.30			Pass
HT40	MCS0	2	134	5670	0.00	0.00	-		0.21	7.70		9.30		-	Pass
VHT20	MCS0	2	100	5500	0.00	0.00			3.45	7.70		9.30			Pass
VHT20	MCS0	2	116	5580	0.00	0.00			2.96	7.70		9.30			Pass
VHT20	MCS0	2	140	5700	0.00	0.00			2.64	7.70		9.30			Pass
VHT40	MCS0	2	102	5510	0.00	0.00			0.59	7.70		9.30			Pass
VHT40	MCS0	2	110	5550	0.00	0.00			0.29	7.70		9.30			Pass
VHT40	MCS0	2	134	5670	0.00	0.00			0.30	7.70		9.30			Pass
VHT80	MCS0	2	106	5530	0.00	0.00			-2.78	7.70		9.30			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	18.88	18.88	20.80	20.96	-		22.76		-	-
HE20	MCS0	2	44	5220	Full	18.88	18.84	20.96	20.88	-		22.75			
HE20	MCS0	2	48	5240	Full	18.88	18.83	20.96	20.72	-		22.75			
HE40	MCS0	2	38	5190	Full	37.86	37.76	41.44	41.44	-		23.01			
HE40	MCS0	2	46	5230	Full	37.96	37.96	41.60	41.44	-		23.01			
HE80	MCS0	2	42	5210	Full	77.20	77.08	82.56	82.88	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	11.20	9.80	13.57	24.00		5.60			Pass
HE20	MCS0	2	36	5180	26/0	1.90	0.70	4.35	24.00		5.60			Pass
HE20	MCS0	2	36	5180	52/37	4.70	3.40	7.11	24.00		5.60			Pass
HE20	MCS0	2	36	5180	106/53	8.00	7.00	10.54	24.00		5.60			Pass
HE20	MCS0	2	44	5220	Full	11.30	9.80	13.62	24.00		5.60			Pass
HE20	MCS0	2	44	5220	26/4	2.40	1.70	5.07	24.00		5.60			Pass
HE20	MCS0	2	44	5220	52/38	4.70	3.20	7.02	24.00		5.60			Pass
HE20	MCS0	2	44	5220	106/53	7.90	6.50	10.27	24.00		5.60		-	Pass
HE20	MCS0	2	48	5240	Full	11.30	10.10	13.75	24.00		5.60			Pass
HE20	MCS0	2	48	5240	26/8	1.70	1.10	4.42	24.00		5.60			Pass
HE20	MCS0	2	48	5240	52/40	4.70	3.90	7.33	24.00		5.60			Pass
HE20	MCS0	2	48	5240	106/54	7.90	7.20	10.57	24.00		5.60			Pass
HE40	MCS0	2	38	5190	Full	12.80	11.10	15.04	24.00		5.60			Pass
HE40	MCS0	2	46	5230	Full	12.60	11.20	14.97	24.00		5.60			Pass
HE80	MCS0	2	42	5210	Full	12.30	10.80	14.62	24.00		5.60			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	0.00	0.00			1.67	8.79		8.21			Pass
HE20	MCS0	2	36	5180	26/0	0.00	0.00			1.52	8.79		8.21			Pass
HE20	MCS0	2	36	5180	52/37	0.00	0.00			1.22	8.79		8.21			Pass
HE20	MCS0	2	36	5180	106/53	0.00	0.00			1.54	8.79		8.21			Pass
HE20	MCS0	2	44	5220	Full	0.00	0.00			1.51	8.79		8.21			Pass
HE20	MCS0	2	44	5220	26/4	0.00	0.00			1.21	8.79		8.21			Pass
HE20	MCS0	2	44	5220	52/38	0.00	0.00			1.18	8.79		8.21			Pass
HE20	MCS0	2	44	5220	106/53	0.00	0.00	-		1.26	8.79		8.21		-	Pass
HE20	MCS0	2	48	5240	Full	0.00	0.00			1.81	8.79		8.21			Pass
HE20	MCS0	2	48	5240	26/8	0.00	0.00			1.62	8.79		8.21			Pass
HE20	MCS0	2	48	5240	52/40	0.00	0.00			1.47	8.79		8.21			Pass
HE20	MCS0	2	48	5240	106/54	0.00	0.00			1.56	8.79		8.21			Pass
HE40	MCS0	2	38	5190	Full	0.00	0.00			-0.38	8.79		8.21			Pass
HE40	MCS0	2	46	5230	Full	0.00	0.00			-0.91	8.79		8.21			Pass
HE80	MCS0	2	42	5210	Full	0.00	0.00			-3.03	8.79		8.21			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	18.88	18.83	20.88	20.88	23.75		29.75		23.98		
HE20	MCS0	2	60	5300	Full	18.88	18.88	20.88	20.72	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	Full	18.88	18.88	20.72	20.80	23.76		29.76		23.98		
HE40	MCS0	2	54	5270	Full	37.86	37.76	41.28	41.60	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	37.96	41.44	41.60	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.20	82.88	82.56	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	12.20	11.20	14.74	23.98		5.60		26.99	Pass
HE20	MCS0	2	52	5260	26/0	3.10	2.80	5.96	23.98		5.60		26.99	Pass
HE20	MCS0	2	52	5260	52/37	6.30	5.40	8.88	23.98		5.60		26.99	Pass
HE20	MCS0	2	52	5260	106/53	9.70	8.90	12.33	23.98		5.60		26.99	Pass
HE20	MCS0	2	60	5300	Full	12.40	11.40	14.94	23.98		5.60		26.99	Pass
HE20	MCS0	2	60	5300	26/4	4.10	3.20	6.68	23.98		5.60		26.99	Pass
HE20	MCS0	2	60	5300	52/38	6.20	5.10	8.70	23.98		5.60		26.99	Pass
HE20	MCS0	2	60	5300	106/53	9.60	8.40	12.05	23.98		5.60		26.99	Pass
HE20	MCS0	2	64	5320	Full	12.40	11.40	14.94	23.98		5.60		26.99	Pass
HE20	MCS0	2	64	5320	26/8	2.60	2.20	5.41	23.98		5.60		26.99	Pass
HE20	MCS0	2	64	5320	52/40	6.40	5.50	8.98	23.98		5.60		26.99	Pass
HE20	MCS0	2	64	5320	106/54	9.40	8.60	12.03	23.98		5.60		26.99	Pass
HE40	MCS0	2	54	5270	Full	12.40	11.10	14.81	23.98		5.60		26.99	Pass
HE40	MCS0	2	62	5310	Full	12.00	11.20	14.63	23.98		5.60		26.99	Pass
HE80	MCS0	2	58	5290	Full	12.50	11.50	15.04	23.98		5.60		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	0.00	0.00			3.12	8.57		8.43			Pass
HE20	MCS0	2	52	5260	26/0	0.00	0.00			2.90	8.57		8.43			Pass
HE20	MCS0	2	52	5260	52/37	0.00	0.00			2.98	8.57		8.43			Pass
HE20	MCS0	2	52	5260	106/53	0.00	0.00			3.11	8.57		8.43			Pass
HE20	MCS0	2	60	5300	Full	0.00	0.00			2.66	8.57		8.43			Pass
HE20	MCS0	2	60	5300	26/4	0.00	0.00			2.34	8.57		8.43			Pass
HE20	MCS0	2	60	5300	52/38	0.00	0.00			2.64	8.57		8.43			Pass
HE20	MCS0	2	60	5300	106/53	0.00	0.00	-		2.53	8.57		8.43		-	Pass
HE20	MCS0	2	64	5320	Full	0.00	0.00			2.69	8.57		8.43			Pass
HE20	MCS0	2	64	5320	26/8	0.00	0.00			2.42	8.57		8.43			Pass
HE20	MCS0	2	64	5320	52/40	0.00	0.00			2.56	8.57		8.43			Pass
HE20	MCS0	2	64	5320	106/54	0.00	0.00			2.59	8.57		8.43			Pass
HE40	MCS0	2	54	5270	Full	0.00	0.00			-0.45	8.57		8.43			Pass
HE40	MCS0	2	62	5310	Full	0.00	0.00			-0.85	8.57		8.43			Pass
HE80	MCS0	2	58	5290	Full	0.00	0.00			-3.04	8.57		8.43			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.88	18.88	20.96	21.04	23.76		29.76		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.88	18.88	20.96	21.12	23.76		29.76		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.88	18.88	20.88	20.88	23.76		29.76		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.86	37.86	41.44	41.28	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.86	37.96	41.76	41.76	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.86	37.96	41.60	41.92	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.08	77.08	82.24	82.56	23.98		30.00		23.98		----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	12.50	11.90	15.22	23.68		6.30		26.99	Pass
HE20	MCS0	2	100	5500	26/0	3.10	1.60	5.42	23.68		6.30		26.99	Pass
HE20	MCS0	2	100	5500	52/37	6.10	4.80	8.51	23.68		6.30		26.99	Pass
HE20	MCS0	2	100	5500	106/53	9.50	7.90	11.78	23.68		6.30		26.99	Pass
HE20	MCS0	2	116	5580	Full	12.60	12.00	15.32	23.68		6.30		26.99	Pass
HE20	MCS0	2	116	5580	26/4	4.40	3.00	6.77	23.68		6.30		26.99	Pass
HE20	MCS0	2	116	5580	52/38	6.40	4.90	8.72	23.68		6.30		26.99	Pass
HE20	MCS0	2	116	5580	106/53	9.40	7.90	11.72	23.68		6.30		26.99	Pass
HE20	MCS0	2	140	5700	Full	12.60	11.40	15.05	23.68		6.30		26.99	Pass
HE20	MCS0	2	140	5700	26/8	2.90	1.40	5.22	23.68		6.30		26.99	Pass
HE20	MCS0	2	140	5700	52/40	6.00	4.50	8.32	23.68		6.30		26.99	Pass
HE20	MCS0	2	140	5700	106/54	9.20	7.70	11.52	23.68		6.30		26.99	Pass
HE40	MCS0	2	102	5510	Full	12.50	12.00	15.27	23.68		6.30		26.99	Pass
HE40	MCS0	2	110	5550	Full	12.10	11.60	14.87	23.68		6.30		26.99	Pass
HE40	MCS0	2	134	5670	Full	12.30	11.00	14.71	23.68		6.30		26.99	Pass
HE80	MCS0	2	106	5530	Full	12.00	11.70	14.86	23.68		6.30		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	0.00	0.00			3.11	7.70		9.30			Pass
HE20	MCS0	2	100	5500	26/0	0.00	0.00			2.82	7.70		9.30			Pass
HE20	MCS0	2	100	5500	52/37	0.00	0.00			2.63	7.70		9.30			Pass
HE20	MCS0	2	100	5500	106/53	0.00	0.00			2.69	7.70		9.30			Pass
HE20	MCS0	2	116	5580	Full	0.00	0.00			2.65	7.70		9.30			Pass
HE20	MCS0	2	116	5580	26/4	0.00	0.00			2.56	7.70		9.30			Pass
HE20	MCS0	2	116	5580	52/38	0.00	0.00			2.42	7.70		9.30			Pass
HE20	MCS0	2	116	5580	106/53	0.00	0.00			2.52	7.70		9.30			Pass
HE20	MCS0	2	140	5700	Full	0.00	0.00	-		2.32	7.70		9.30		-	Pass
HE20	MCS0	2	140	5700	26/8	0.00	0.00			2.18	7.70		9.30			Pass
HE20	MCS0	2	140	5700	52/40	0.00	0.00			2.15	7.70		9.30			Pass
HE20	MCS0	2	140	5700	106/54	0.00	0.00			2.21	7.70		9.30			Pass
HE40	MCS0	2	102	5510	Full	0.00	0.00			0.08	7.70		9.30			Pass
HE40	MCS0	2	110	5550	Full	0.00	0.00			-0.26	7.70		9.30			Pass
HE40	MCS0	2	134	5670	Full	0.00	0.00			-0.22	7.70		9.30			Pass
HE80	MCS0	2	106	5530	Full	0.00	0.00			-2.87	7.70		9.30			Pass

<TXBF Mode>

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	36	5180	11.00	9.70	13.41	21.79		8.21		-	Pass
VHT20	MCS0	2	44	5220	11.00	9.60	13.37	21.79		8.21			Pass
VHT20	MCS0	2	48	5240	11.10	10.00	13.60	21.79		8.21			Pass
VHT40	MCS0	2	38	5190	12.20	10.90	14.61	21.79		8.21			Pass
VHT40	MCS0	2	46	5230	12.40	11.00	14.77	21.79		8.21			Pass
VHT80	MCS0	2	42	5210	12.40	11.00	14.77	21.79		8.21			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	36	5180	0.00	0.00	-		1.55	8.79		8.21		-	Pass
VHT20	MCS0	2	44	5220	0.00	0.00			1.26	8.79		8.21			Pass
VHT20	MCS0	2	48	5240	0.00	0.00			1.08	8.79		8.21			Pass
VHT40	MCS0	2	38	5190	0.00	0.00			-0.50	8.79		8.21			Pass
VHT40	MCS0	2	46	5230	0.00	0.00			-0.49	8.79		8.21			Pass
VHT80	MCS0	2	42	5210	0.00	0.00			-3.26	8.79		8.21			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	52	5260	12.10	10.70	14.47	21.55		8.43		26.99	Pass
VHT20	MCS0	2	60	5300	11.90	10.80	14.40	21.55		8.43		26.99	Pass
VHT20	MCS0	2	64	5320	11.90	10.70	14.35	21.55		8.43		26.99	Pass
VHT40	MCS0	2	54	5270	12.00	10.60	14.37	21.55		8.43		26.99	Pass
VHT40	MCS0	2	62	5310	11.80	10.90	14.38	21.55		8.43		26.99	Pass
VHT80	MCS0	2	58	5290	12.00	10.80	14.45	21.55		8.43		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	52	5260	0.00	0.00	-		2.56	8.57		8.43		-	Pass
VHT20	MCS0	2	60	5300	0.00	0.00			2.34	8.57		8.43			Pass
VHT20	MCS0	2	64	5320	0.00	0.00			2.53	8.57		8.43			Pass
VHT40	MCS0	2	54	5270	0.00	0.00			0.03	8.57		8.43			Pass
VHT40	MCS0	2	62	5310	0.00	0.00			-0.54	8.57		8.43			Pass
VHT80	MCS0	2	58	5290	0.00	0.00			-3.21	8.57		8.43			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	100	5500	12.30	11.90	15.11	20.68		9.30		26.99	Pass
VHT20	MCS0	2	116	5580	12.40	11.40	14.94	20.68		9.30		26.99	Pass
VHT20	MCS0	2	140	5700	12.30	11.10	14.75	20.68		9.30		26.99	Pass
VHT40	MCS0	2	102	5510	12.30	11.60	14.97	20.68		9.30		26.99	Pass
VHT40	MCS0	2	110	5550	12.30	11.80	15.07	20.68		9.30		26.99	Pass
VHT40	MCS0	2	134	5670	12.60	11.30	15.01	20.68		9.30		26.99	Pass
VHT80	MCS0	2	106	5530	12.30	11.80	15.07	20.68		9.30		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	100	5500	0.00	0.00			3.44	7.70		9.30			Pass
VHT20	MCS0	2	116	5580	0.00	0.00			2.81	7.70		9.30			Pass
VHT20	MCS0	2	140	5700	0.00	0.00			2.59	7.70		9.30			Pass
VHT40	MCS0	2	102	5510	0.00	0.00	-		0.43	7.70		9.30		-	Pass
VHT40	MCS0	2	110	5550	0.00	0.00			0.11	7.70		9.30			Pass
VHT40	MCS0	2	134	5670	0.00	0.00			0.08	7.70		9.30			Pass
VHT80	MCS0	2	106	5530	0.00	0.00			-2.96	7.70		9.30			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	0.00	0.00	11.10	9.80	13.51	21.79		8.21			Pass
HE20	MCS0	2	36	5180	26/0	0.00	0.00	1.60	0.30	4.01	21.79		8.21			Pass
HE20	MCS0	2	36	5180	52/37	0.00	0.00	4.60	3.30	7.01	21.79		8.21			Pass
HE20	MCS0	2	36	5180	106/53	0.00	0.00	7.90	7.00	10.48	21.79		8.21			Pass
HE20	MCS0	2	44	5220	Full	0.00	0.00	11.10	9.70	13.47	21.79		8.21			Pass
HE20	MCS0	2	44	5220	26/4	0.00	0.00	2.40	1.60	5.03	21.79		8.21			Pass
HE20	MCS0	2	44	5220	52/38	0.00	0.00	4.60	3.20	6.97	21.79		8.21			Pass
HE20	MCS0	2	44	5220	106/53	0.00	0.00	7.90	6.40	10.22	21.79		8.21		-	Pass
HE20	MCS0	2	48	5240	Full	0.00	0.00	11.20	10.10	13.70	21.79		8.21			Pass
HE20	MCS0	2	48	5240	26/8	0.00	0.00	1.10	0.60	3.87	21.79		8.21			Pass
HE20	MCS0	2	48	5240	52/40	0.00	0.00	4.60	3.90	7.27	21.79		8.21			Pass
HE20	MCS0	2	48	5240	106/54	0.00	0.00	7.80	7.20	10.52	21.79		8.21			Pass
HE40	MCS0	2	38	5190	Full	0.00	0.00	12.30	11.00	14.71	21.79		8.21			Pass
HE40	MCS0	2	46	5230	Full	0.00	0.00	12.30	11.10	14.75	21.79		8.21			Pass
HE80	MCS0	2	42	5210	Full	0.00	0.00	12.00	10.60	14.37	21.79		8.21			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	0.00	0.00			1.40	8.79		8.21			Pass
HE20	MCS0	2	36	5180	26/0	0.00	0.00			1.19	8.79		8.21			Pass
HE20	MCS0	2	36	5180	52/37	0.00	0.00			0.98	8.79		8.21			Pass
HE20	MCS0	2	36	5180	106/53	0.00	0.00			1.34	8.79		8.21			Pass
HE20	MCS0	2	44	5220	Full	0.00	0.00			1.22	8.79		8.21			Pass
HE20	MCS0	2	44	5220	26/4	0.00	0.00			1.14	8.79		8.21			Pass
HE20	MCS0	2	44	5220	52/38	0.00	0.00			1.09	8.79		8.21			Pass
HE20	MCS0	2	44	5220	106/53	0.00	0.00			1.23	8.79		8.21			Pass
HE20	MCS0	2	48	5240	Full	0.00	0.00			1.49	8.79		8.21			Pass
HE20	MCS0	2	48	5240	26/8	0.00	0.00			1.04	8.79		8.21			Pass
HE20	MCS0	2	48	5240	52/40	0.00	0.00			1.33	8.79		8.21			Pass
HE20	MCS0	2	48	5240	106/54	0.00	0.00			1.48	8.79		8.21			Pass
HE40	MCS0	2	38	5190	Full	0.00	0.00			-0.39	8.79		8.21			Pass
HE40	MCS0	2	46	5230	Full	0.00	0.00			-0.92	8.79		8.21			Pass
HE80	MCS0	2	42	5210	Full	0.00	0.00			-3.29	8.79		8.21			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	12.10	10.80	14.51	21.55		8.43		26.99	Pass
HE20	MCS0	2	52	5260	26/0	2.20	2.10	5.16	21.55		8.43		26.99	Pass
HE20	MCS0	2	52	5260	52/37	5.50	4.90	8.22	21.55		8.43		26.99	Pass
HE20	MCS0	2	52	5260	106/53	8.80	8.30	11.57	21.55		8.43		26.99	Pass
HE20	MCS0	2	60	5300	Full	12.00	10.90	14.50	21.55		8.43		26.99	Pass
HE20	MCS0	2	60	5300	26/4	3.80	3.10	6.47	21.55		8.43		26.99	Pass
HE20	MCS0	2	60	5300	52/38	5.50	4.70	8.13	21.55		8.43		26.99	Pass
HE20	MCS0	2	60	5300	106/53	7.70	7.90	10.81	21.55		8.43		26.99	Pass
HE20	MCS0	2	64	5320	Full	12.00	10.80	14.45	21.55		8.43		26.99	Pass
HE20	MCS0	2	64	5320	26/8	2.20	1.80	5.01	21.55		8.43		26.99	Pass
HE20	MCS0	2	64	5320	52/40	5.70	4.80	8.28	21.55		8.43		26.99	Pass
HE20	MCS0	2	64	5320	106/54	8.50	7.90	11.22	21.55		8.43		26.99	Pass
HE40	MCS0	2	54	5270	Full	12.10	10.70	14.47	21.55		8.43		26.99	Pass
HE40	MCS0	2	62	5310	Full	11.90	11.00	14.48	21.55		8.43		26.99	Pass
HE80	MCS0	2	58	5290	Full	12.10	10.90	14.55	21.55		8.43		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	0.00	0.00			2.63	8.57		8.43			Pass
HE20	MCS0	2	52	5260	26/0	0.00	0.00			2.30	8.57		8.43			Pass
HE20	MCS0	2	52	5260	52/37	0.00	0.00			2.27	8.57		8.43			Pass
HE20	MCS0	2	52	5260	106/53	0.00	0.00			2.50	8.57		8.43			Pass
HE20	MCS0	2	60	5300	Full	0.00	0.00			2.18	8.57		8.43			Pass
HE20	MCS0	2	60	5300	26/4	0.00	0.00			2.16	8.57		8.43			Pass
HE20	MCS0	2	60	5300	52/38	0.00	0.00			2.07	8.57		8.43			Pass
HE20	MCS0	2	60	5300	106/53	0.00	0.00	-		1.94	8.57		8.43		-	Pass
HE20	MCS0	2	64	5320	Full	0.00	0.00			2.28	8.57		8.43			Pass
HE20	MCS0	2	64	5320	26/8	0.00	0.00			1.90	8.57		8.43			Pass
HE20	MCS0	2	64	5320	52/40	0.00	0.00			2.15	8.57		8.43			Pass
HE20	MCS0	2	64	5320	106/54	0.00	0.00			1.91	8.57		8.43			Pass
HE40	MCS0	2	54	5270	Full	0.00	0.00			-0.59	8.57		8.43			Pass
HE40	MCS0	2	62	5310	Full	0.00	0.00			-0.88	8.57		8.43			Pass
HE80	MCS0	2	58	5290	Full	0.00	0.00			-3.26	8.57		8.43			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	12.40	11.50	14.98	20.68		9.30		26.99	Pass
HE20	MCS0	2	100	5500	26/0	2.90	1.60	5.31	20.68		9.30		26.99	Pass
HE20	MCS0	2	100	5500	52/37	6.10	4.60	8.42	20.68		9.30		26.99	Pass
HE20	MCS0	2	100	5500	106/53	9.30	7.80	11.62	20.68		9.30		26.99	Pass
HE20	MCS0	2	116	5580	Full	12.50	11.50	15.04	20.68		9.30		26.99	Pass
HE20	MCS0	2	116	5580	26/4	4.30	2.80	6.62	20.68		9.30		26.99	Pass
HE20	MCS0	2	116	5580	52/38	5.40	3.90	7.72	20.68		9.30		26.99	Pass
HE20	MCS0	2	116	5580	106/53	9.10	7.90	11.55	20.68		9.30		26.99	Pass
HE20	MCS0	2	140	5700	Full	12.40	11.20	14.85	20.68		9.30		26.99	Pass
HE20	MCS0	2	140	5700	26/8	2.90	1.30	5.18	20.68		9.30		26.99	Pass
HE20	MCS0	2	140	5700	52/40	5.90	4.40	8.22	20.68		9.30		26.99	Pass
HE20	MCS0	2	140	5700	106/54	9.00	7.50	11.32	20.68		9.30		26.99	Pass
HE40	MCS0	2	102	5510	Full	12.40	11.90	15.17	20.68		9.30		26.99	Pass
HE40	MCS0	2	110	5550	Full	12.40	11.70	15.07	20.68		9.30		26.99	Pass
HE40	MCS0	2	134	5670	Full	12.20	10.90	14.61	20.68		9.30		26.99	Pass
HE80	MCS0	2	106	5530	Full	11.90	11.40	14.67	20.68		9.30		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

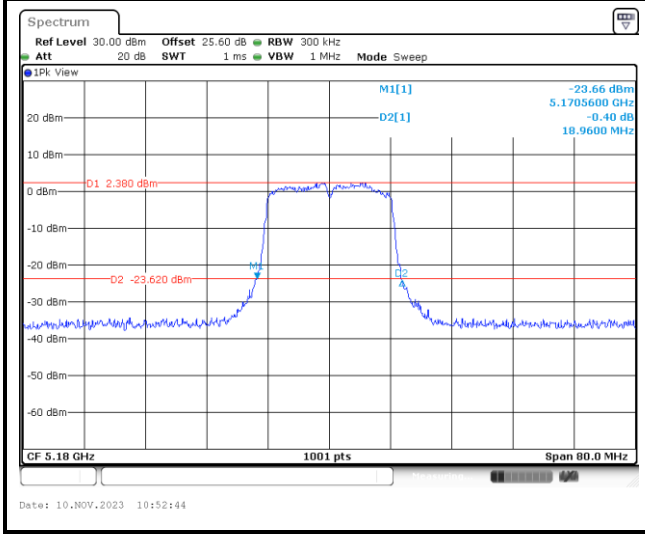
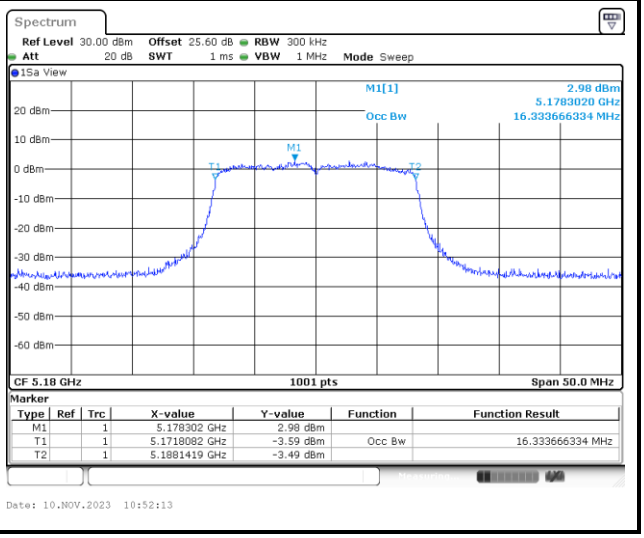
U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	0.00	0.00			3.03	7.70		9.30			Pass
HE20	MCS0	2	100	5500	26/0	0.00	0.00			2.59	7.70		9.30			Pass
HE20	MCS0	2	100	5500	52/37	0.00	0.00			2.54	7.70		9.30			Pass
HE20	MCS0	2	100	5500	106/53	0.00	0.00			2.57	7.70		9.30			Pass
HE20	MCS0	2	116	5580	Full	0.00	0.00			2.58	7.70		9.30			Pass
HE20	MCS0	2	116	5580	26/4	0.00	0.00			2.36	7.70		9.30			Pass
HE20	MCS0	2	116	5580	52/38	0.00	0.00			2.19	7.70		9.30			Pass
HE20	MCS0	2	116	5580	106/53	0.00	0.00			2.33	7.70		9.30			Pass
HE20	MCS0	2	140	5700	Full	0.00	0.00	-		2.27	7.70		9.30		-	Pass
HE20	MCS0	2	140	5700	26/8	0.00	0.00			2.13	7.70		9.30			Pass
HE20	MCS0	2	140	5700	52/40	0.00	0.00			2.00	7.70		9.30			Pass
HE20	MCS0	2	140	5700	106/54	0.00	0.00			2.18	7.70		9.30			Pass
HE40	MCS0	2	102	5510	Full	0.00	0.00			0.03	7.70		9.30			Pass
HE40	MCS0	2	110	5550	Full	0.00	0.00			-0.48	7.70		9.30			Pass
HE40	MCS0	2	134	5670	Full	0.00	0.00			-0.30	7.70		9.30			Pass
HE80	MCS0	2	106	5530	Full	0.00	0.00			-3.02	7.70		9.30			Pass

<CDD Mode>

Test Result of 26dB & 99% Occupied Bandwidth

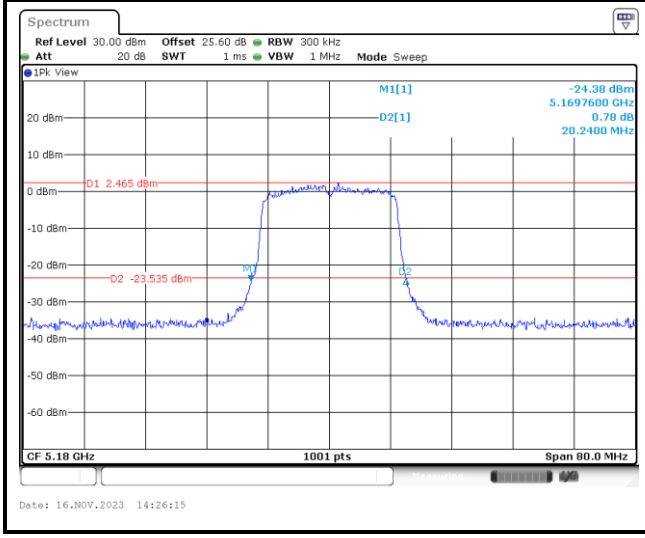
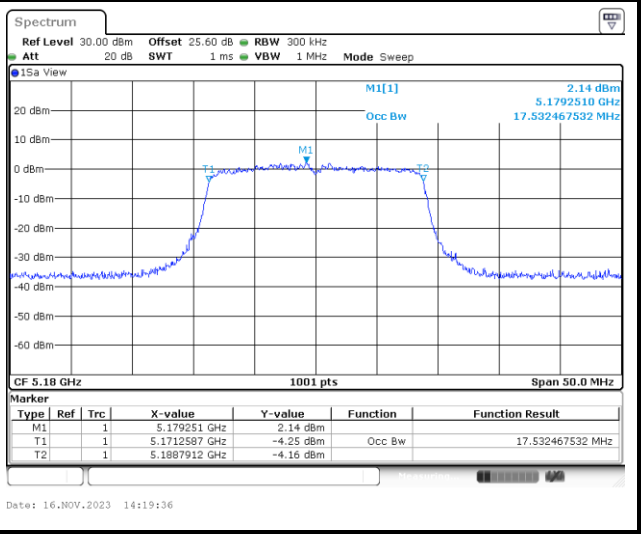
MIMO <Ant. 1+2>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

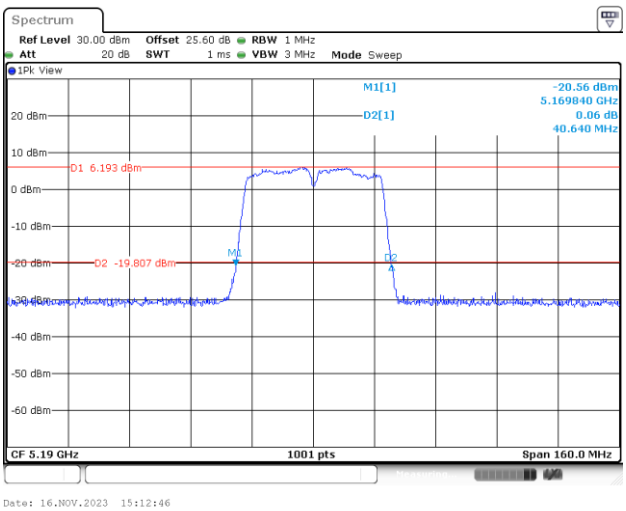
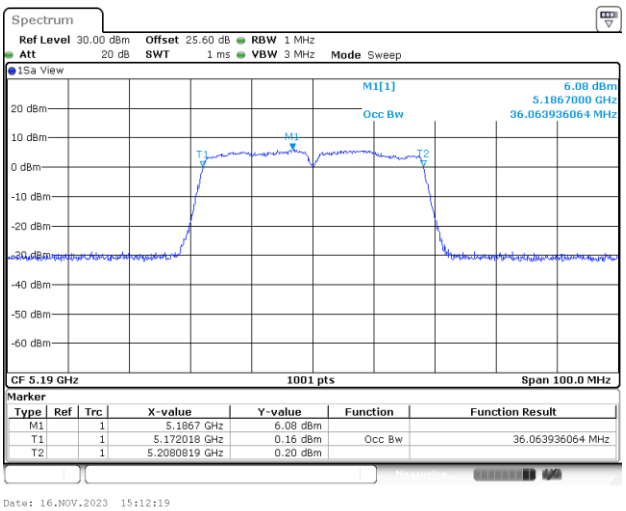
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

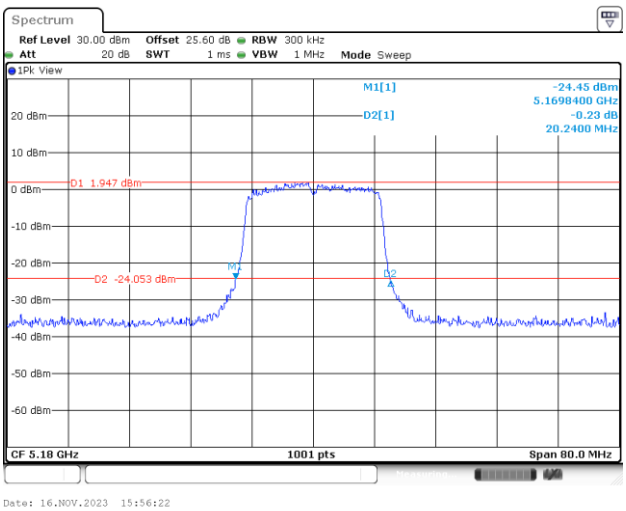
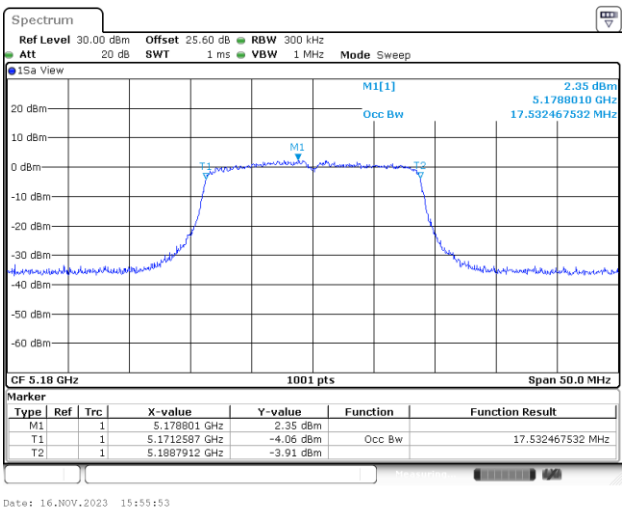
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

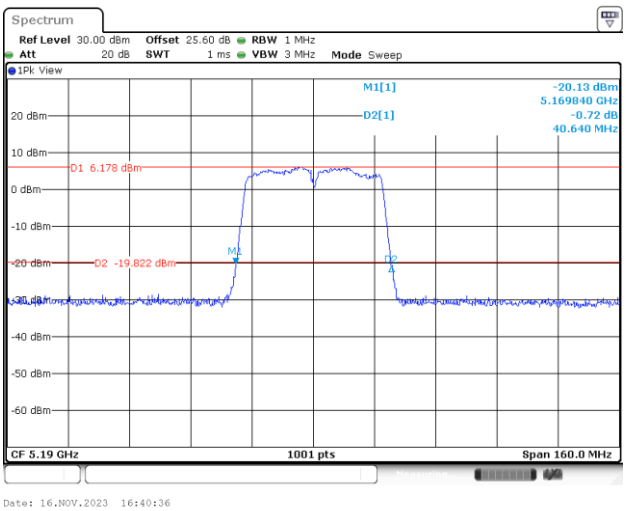
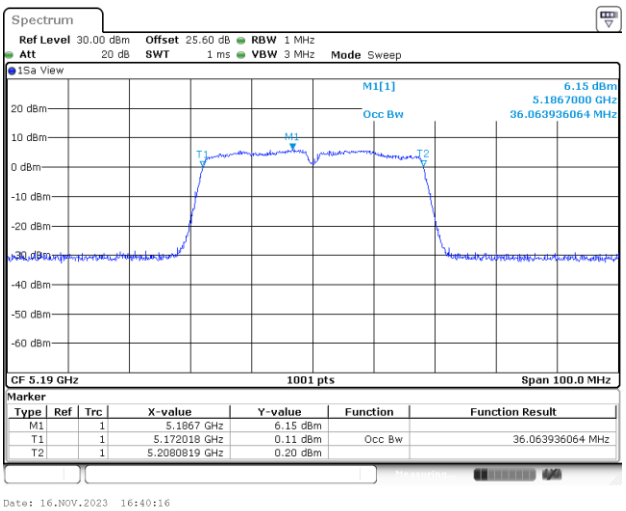
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

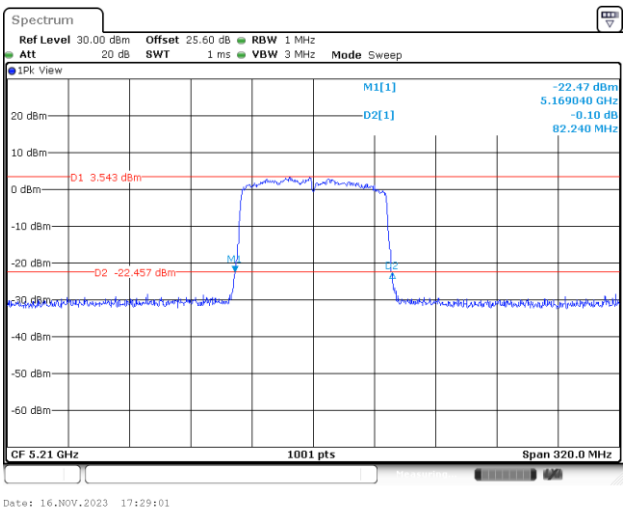
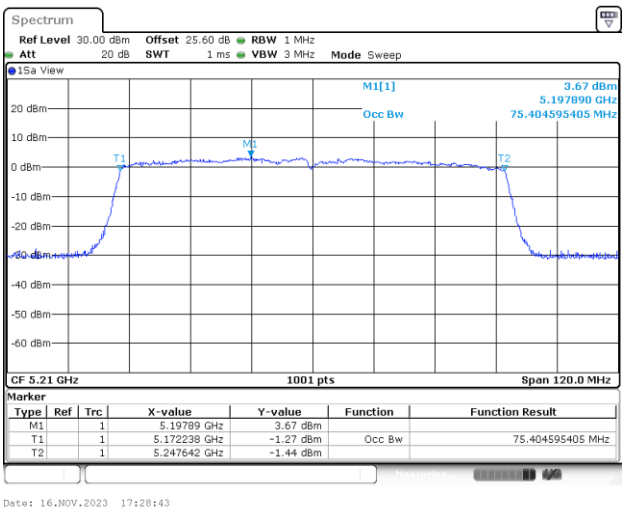
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

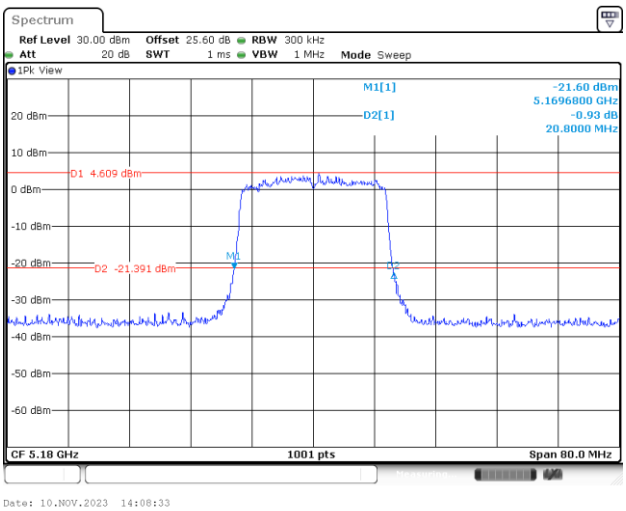
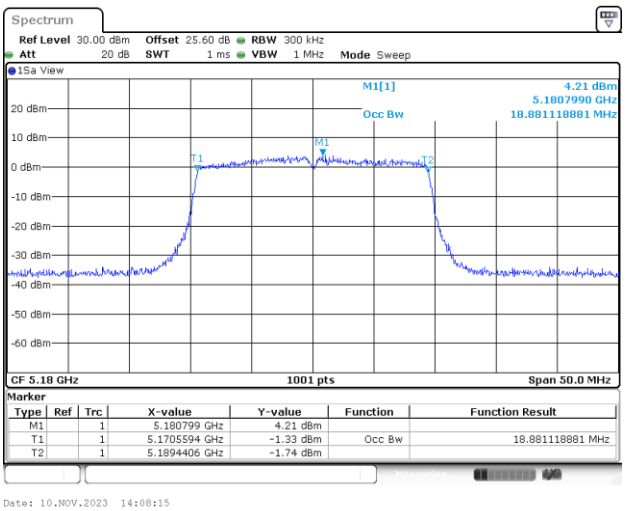
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

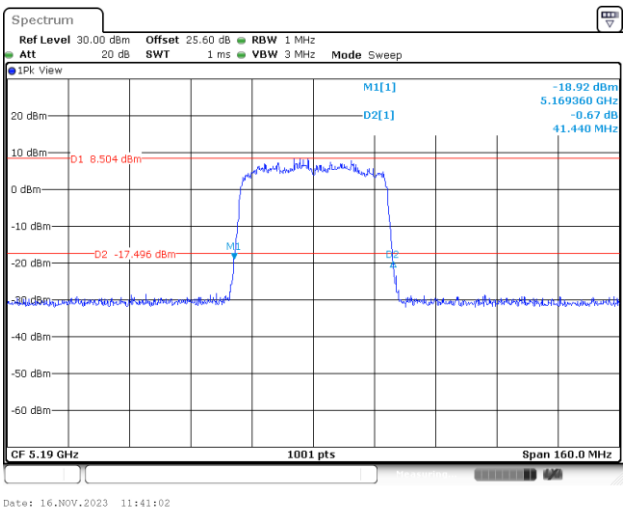
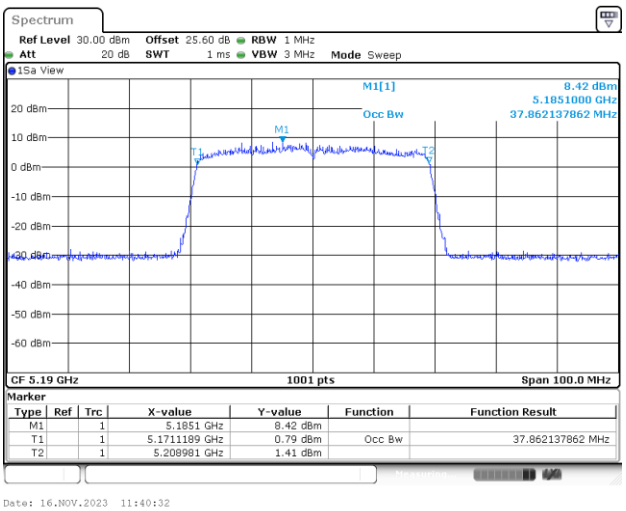
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

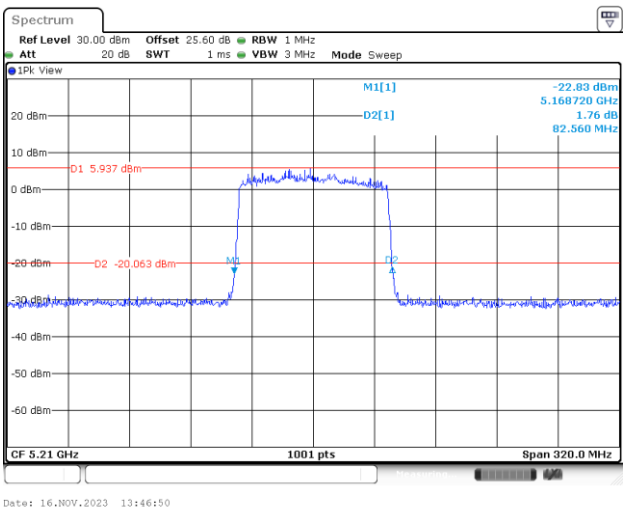
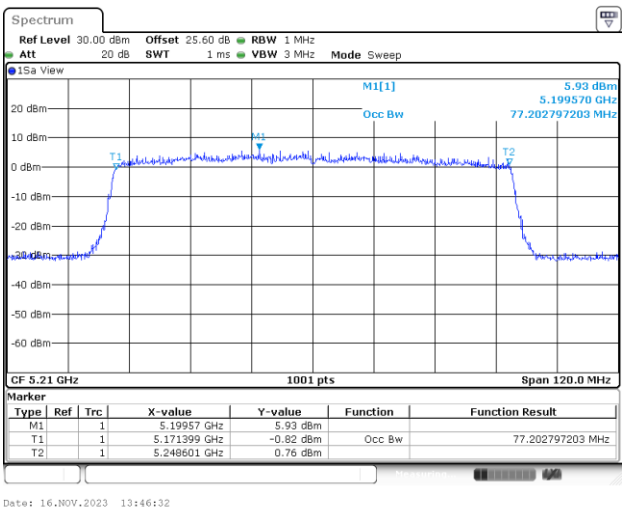
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

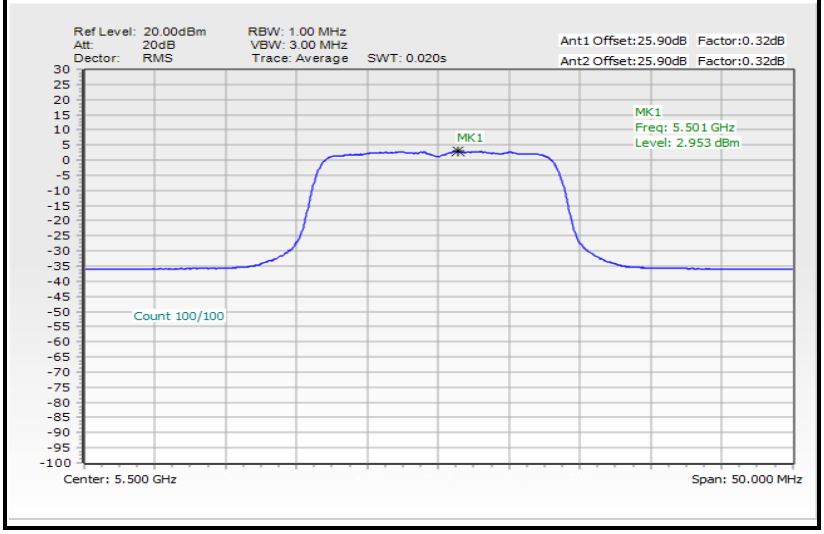
<802.11ax HE80>

26dB Bandwidth	99% Occupied Bandwidth
	

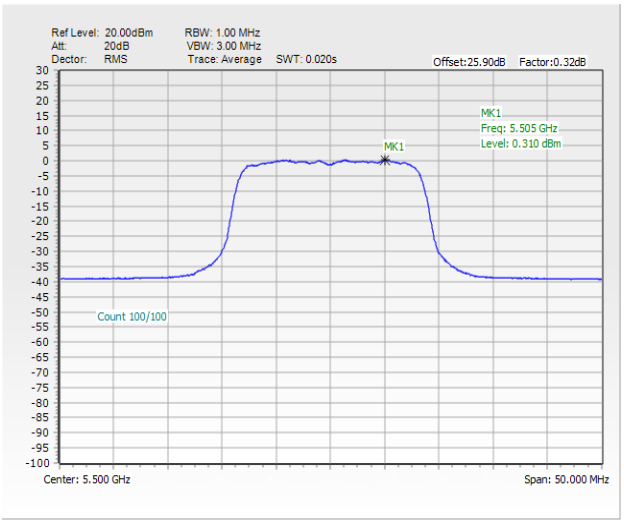
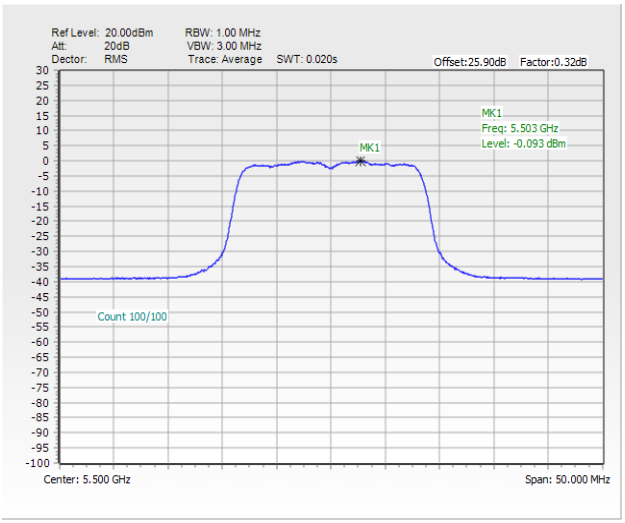
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

<802.11a>

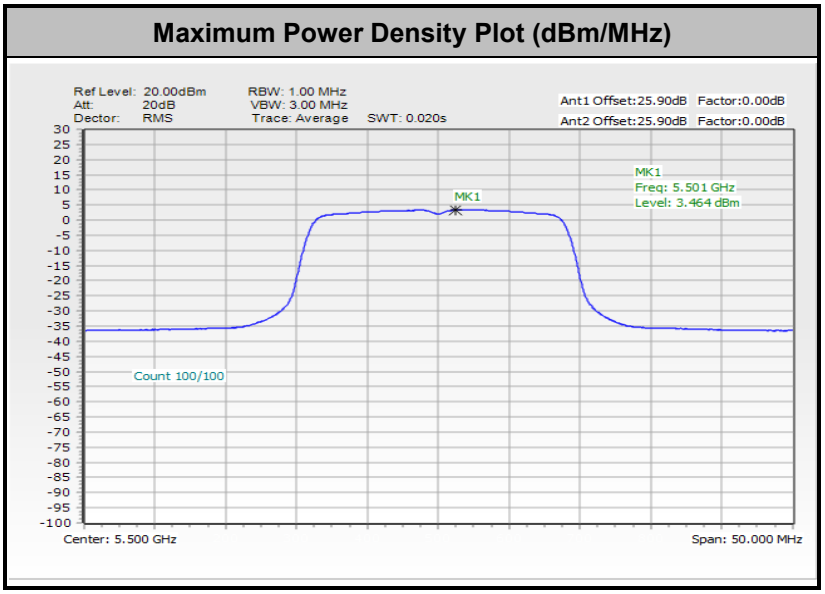
Maximum Power Density Plot (dBm/MHz)


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

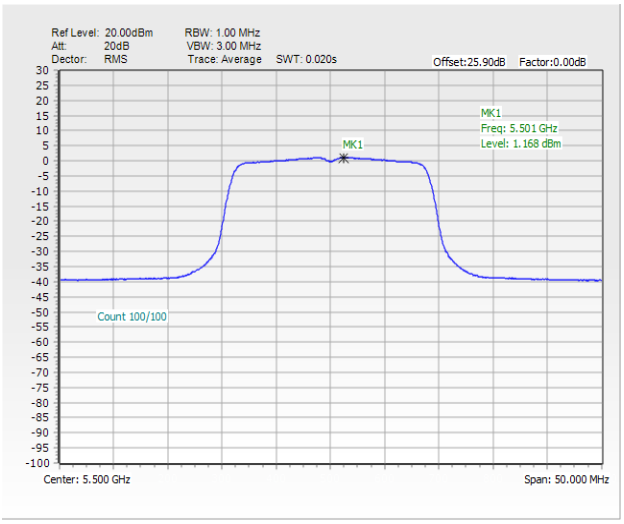
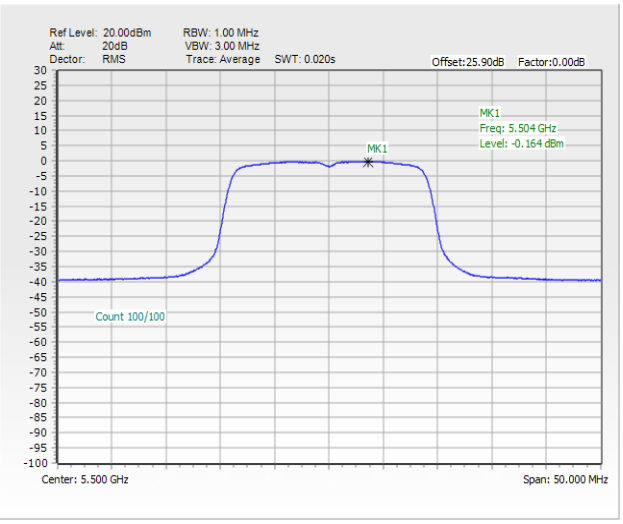
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11n HT20>

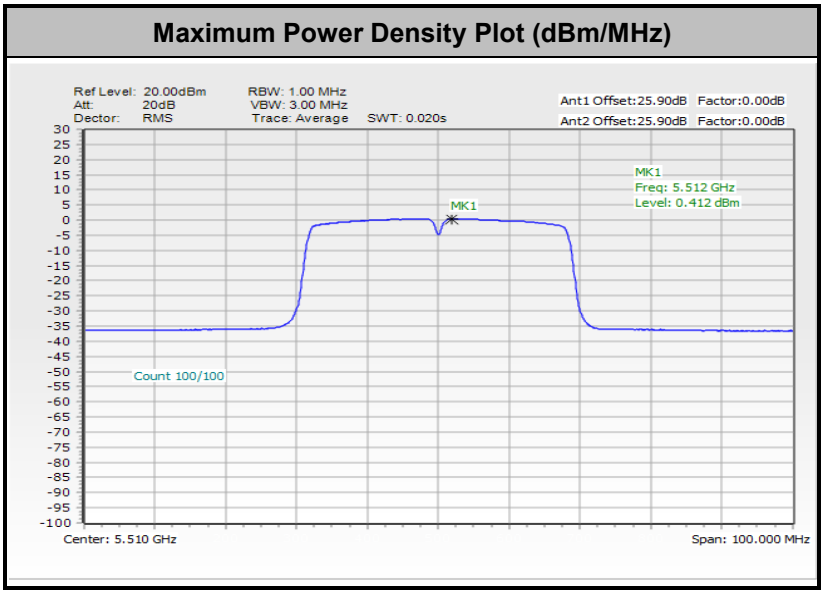
Maximum Power Density Plot (dBm/MHz)



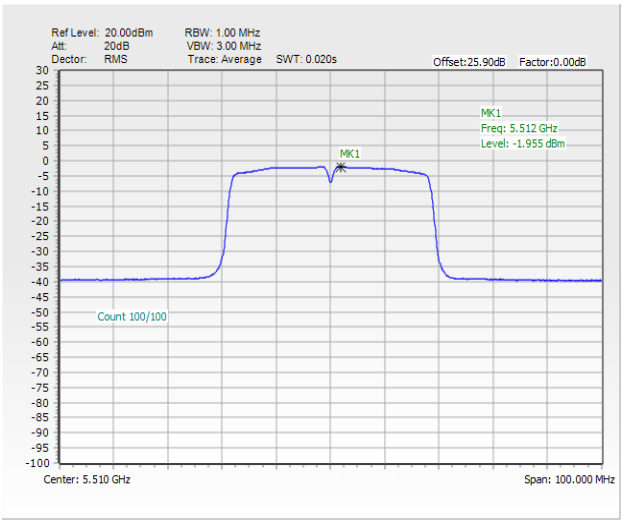
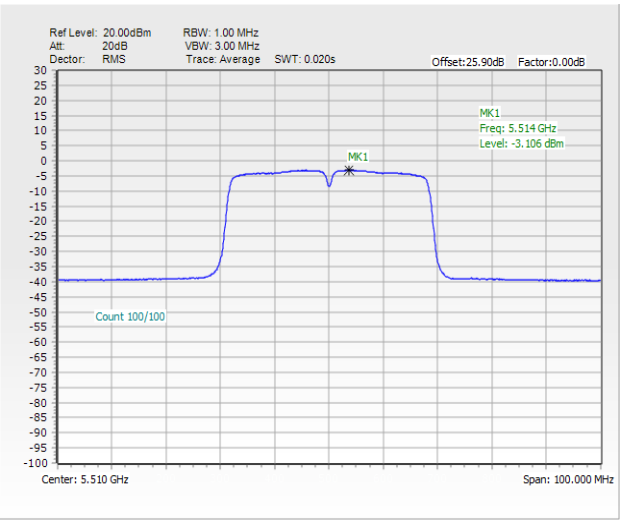
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

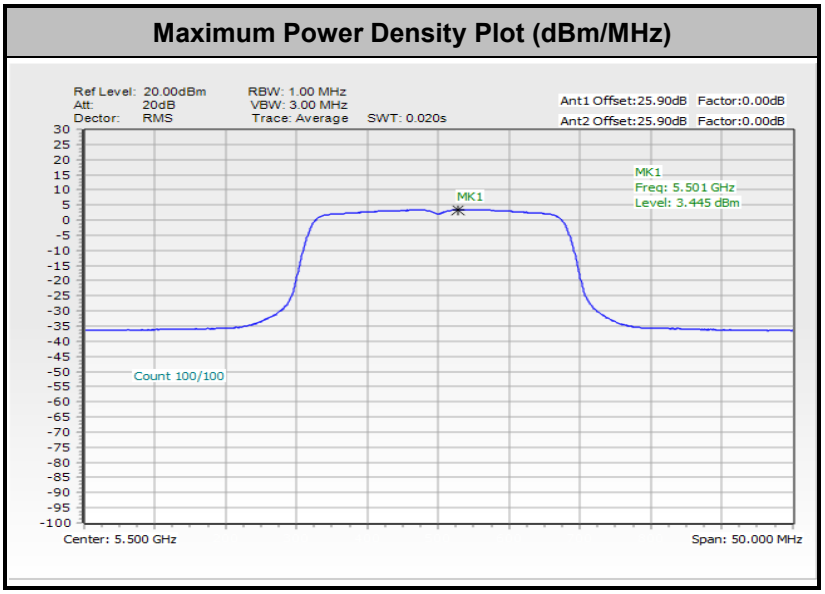
<802.11n HT40>

Maximum Power Density Plot (dBm/MHz)


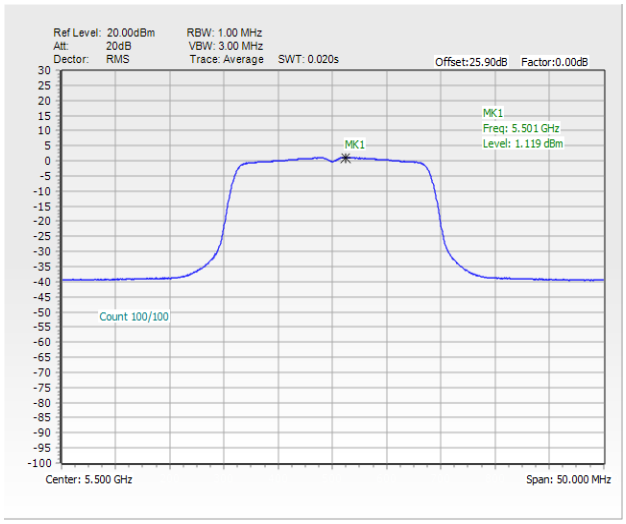
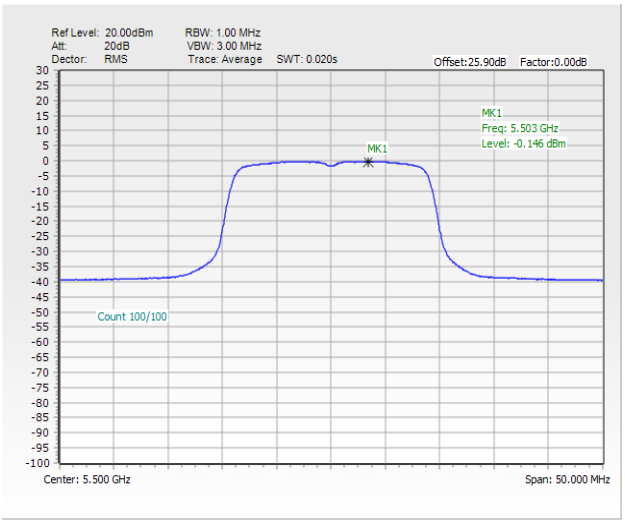
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

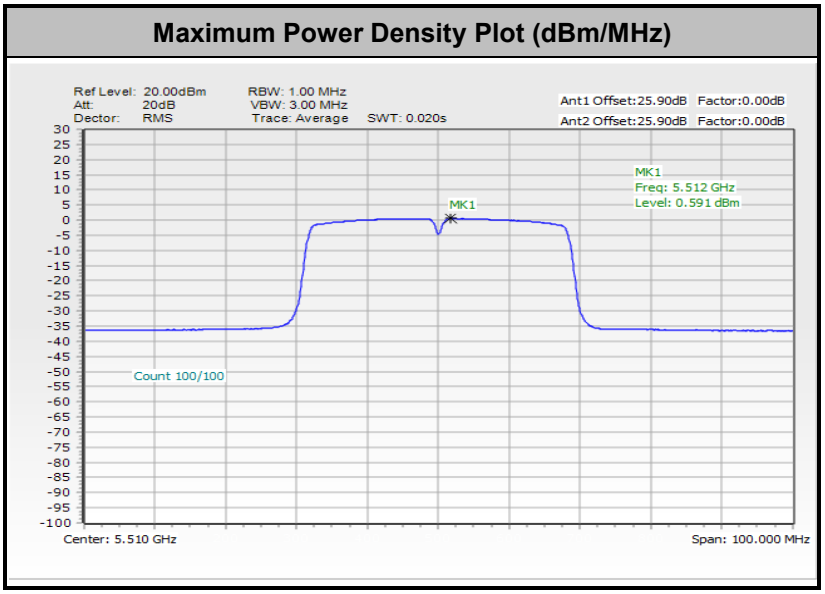
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)


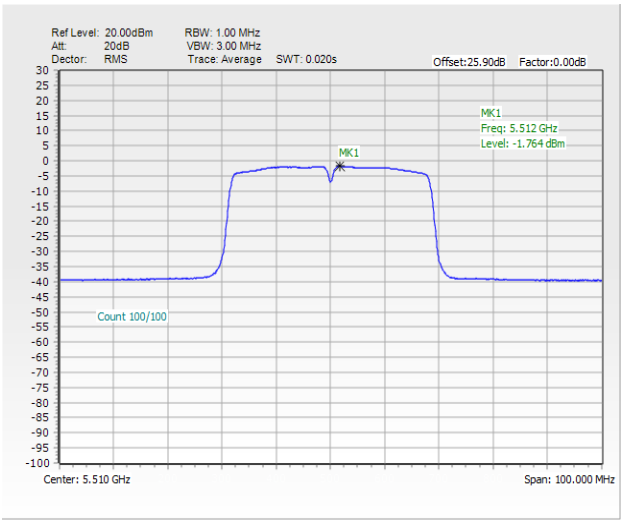
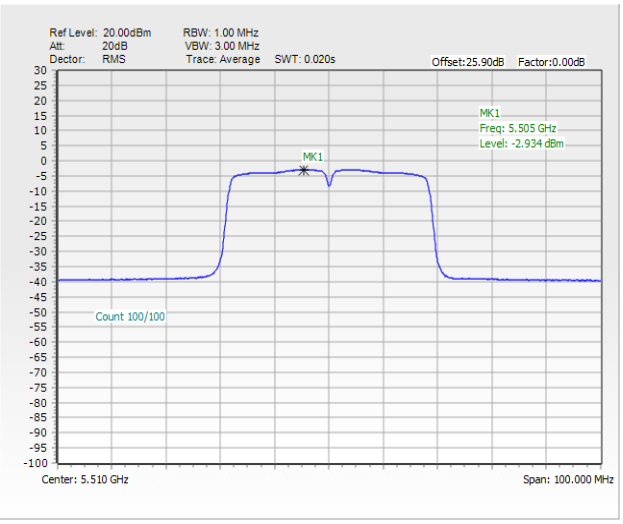
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11ac VHT40>

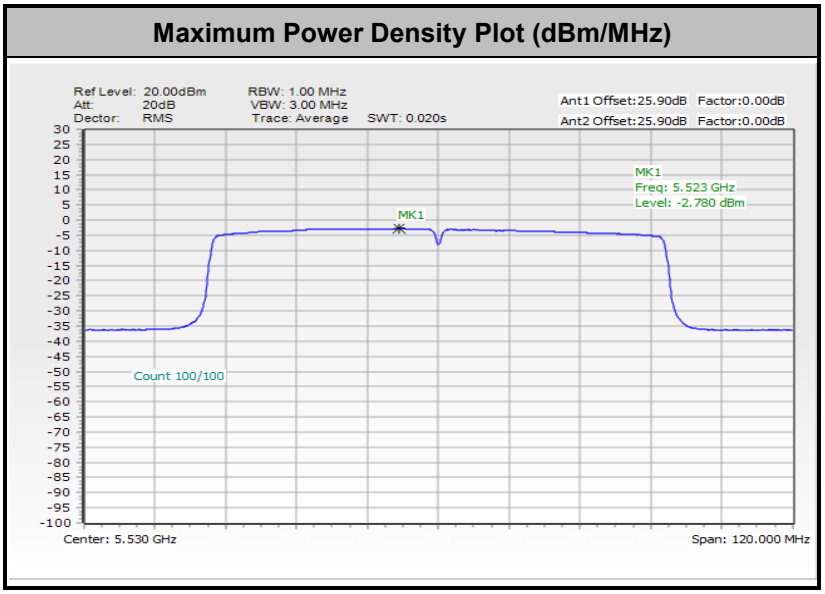
Maximum Power Density Plot (dBm/MHz)


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

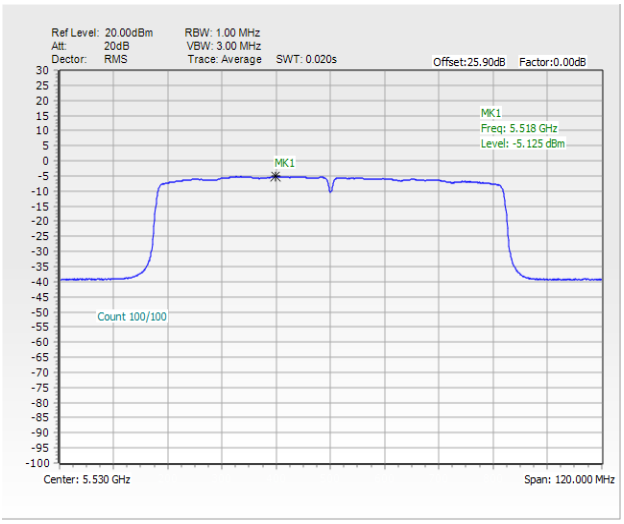
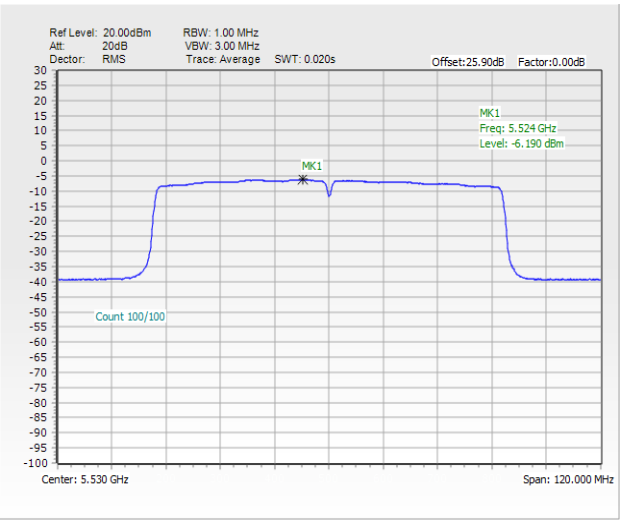
Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11ac VHT80>

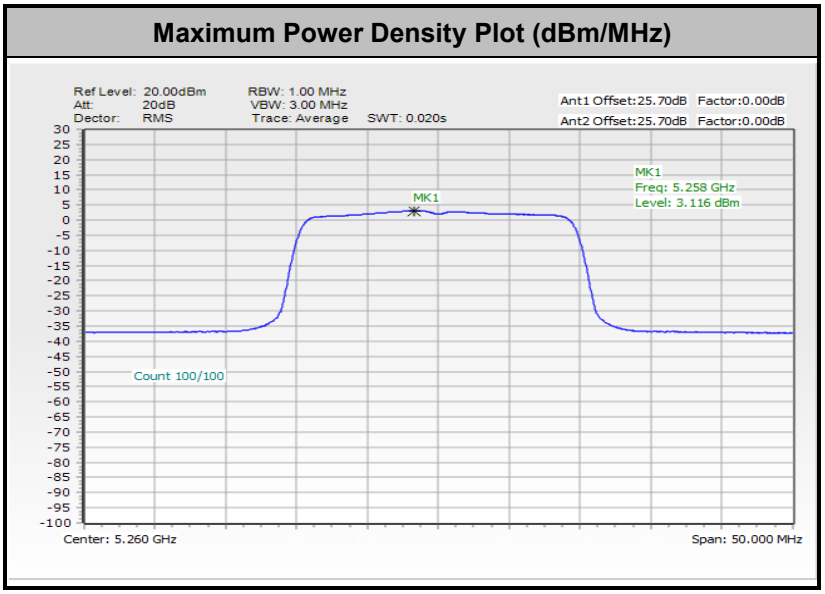
Maximum Power Density Plot (dBm/MHz)



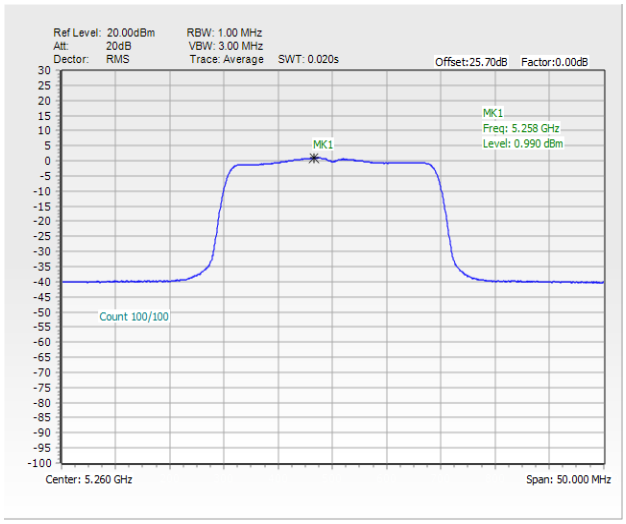
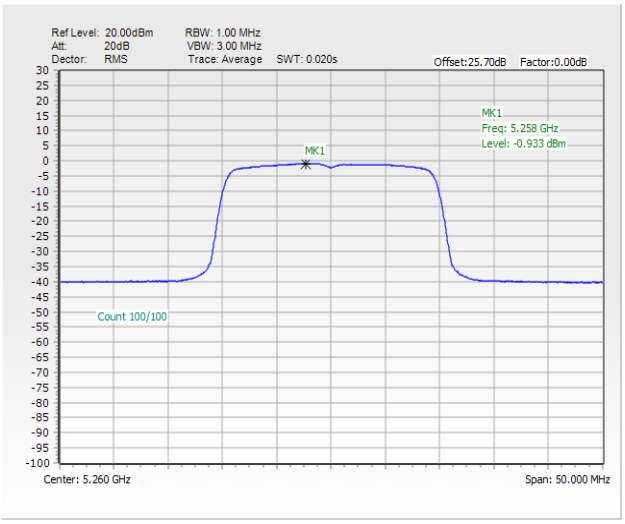
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

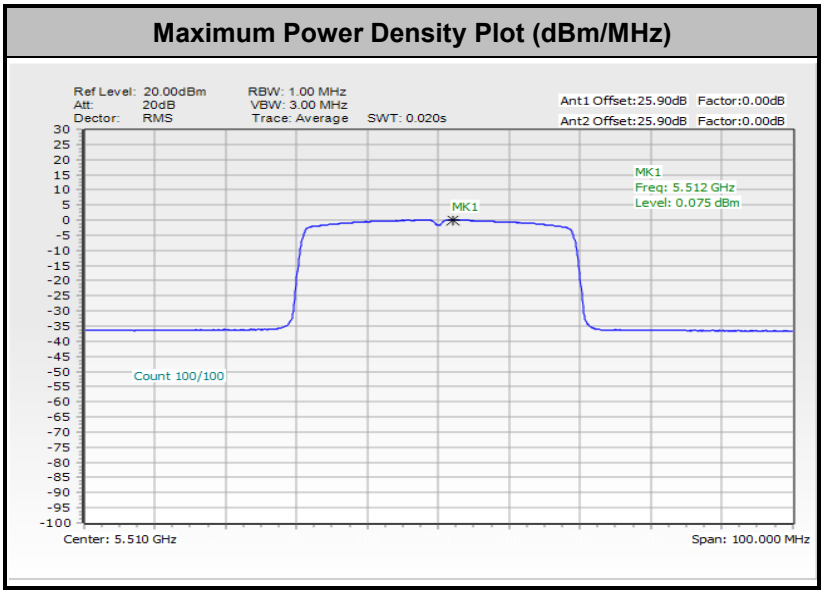
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


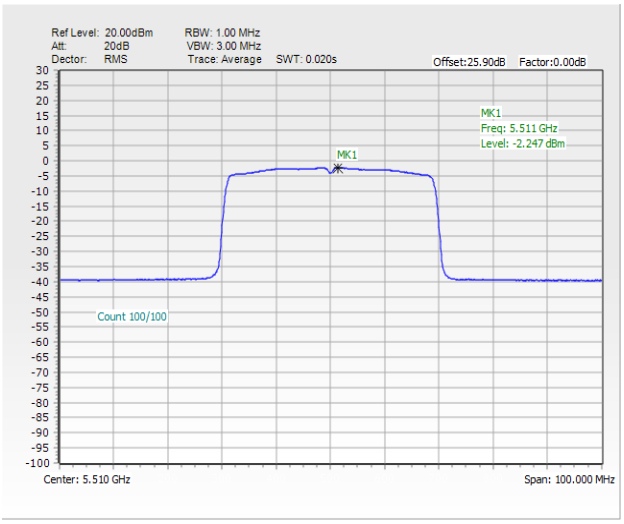
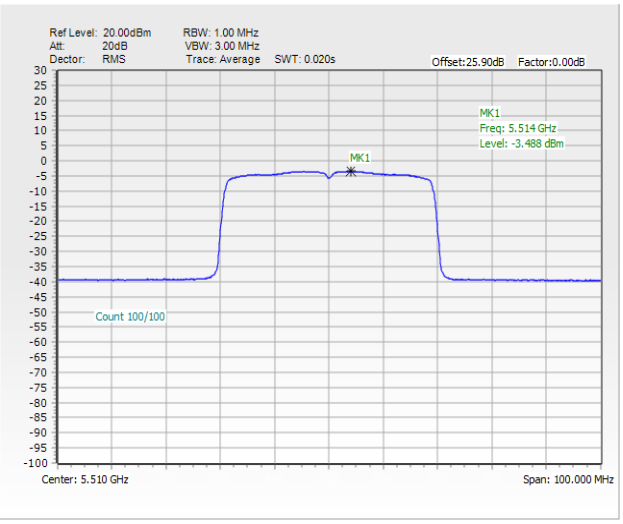
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

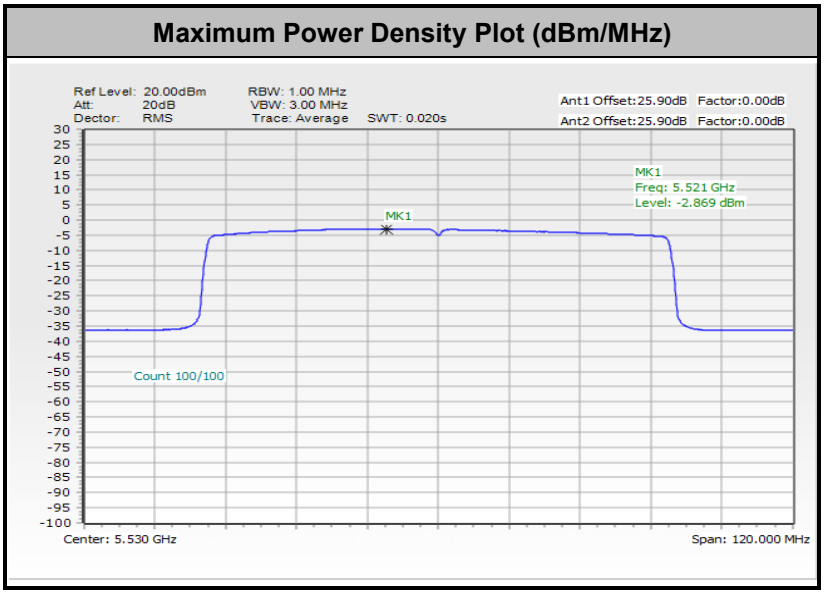
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)


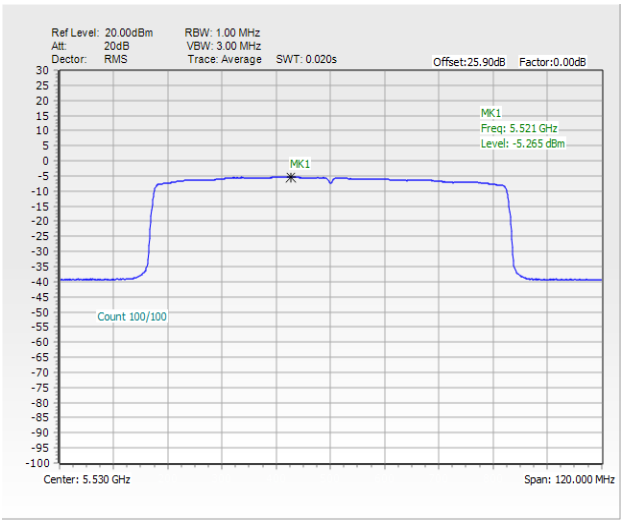
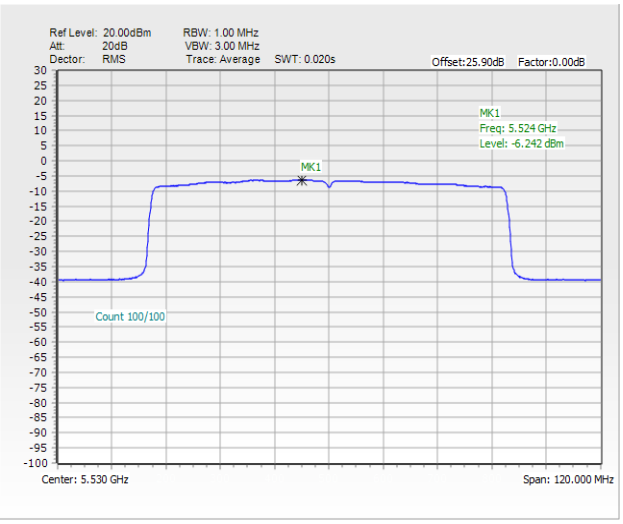
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)


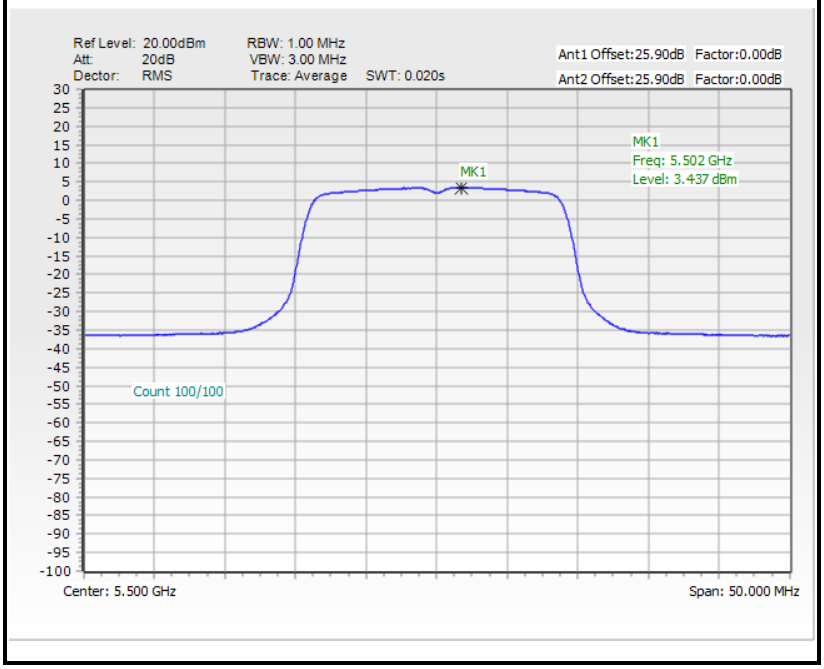
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

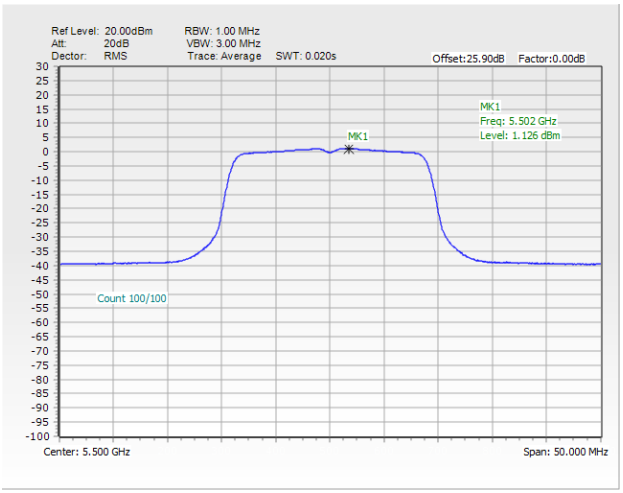
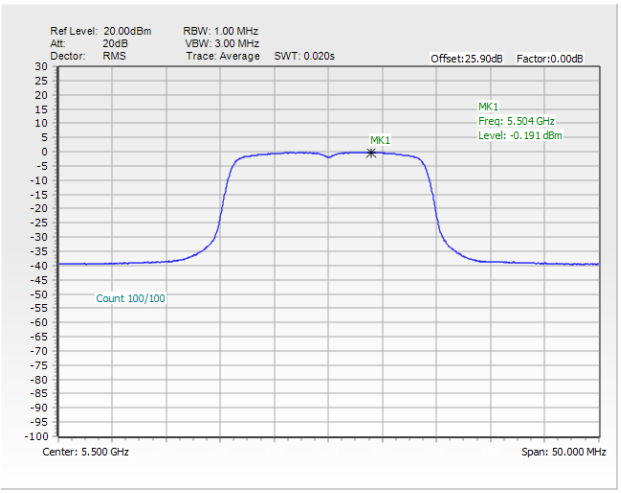
<TXBF Mode>

Test Result of Power Spectral Density

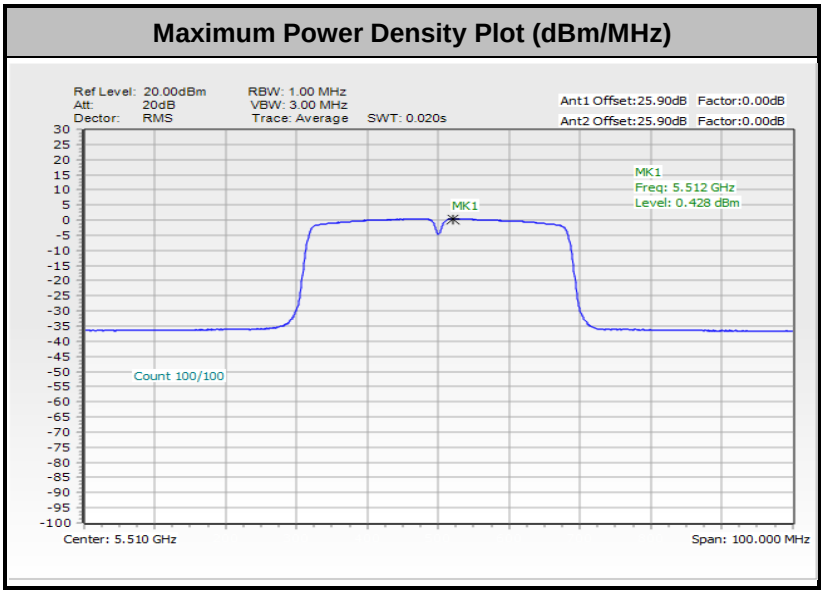
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)


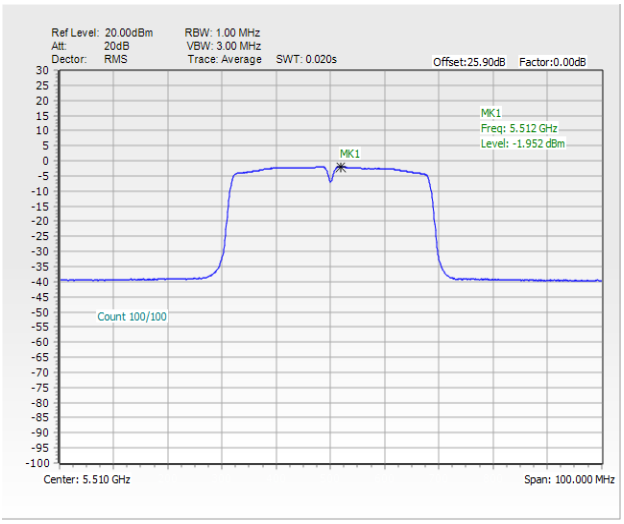
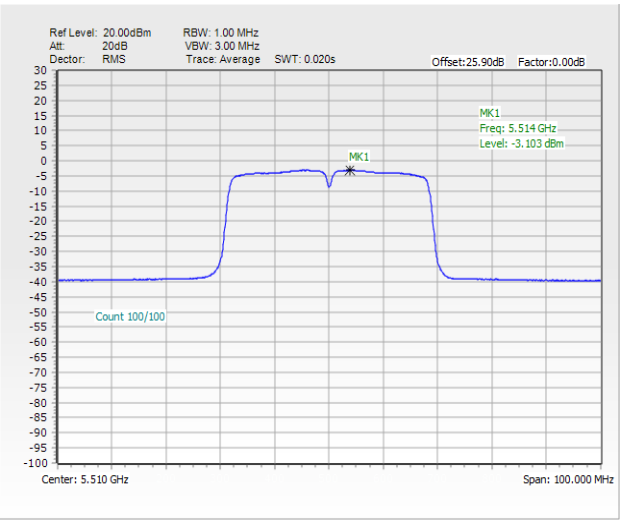
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

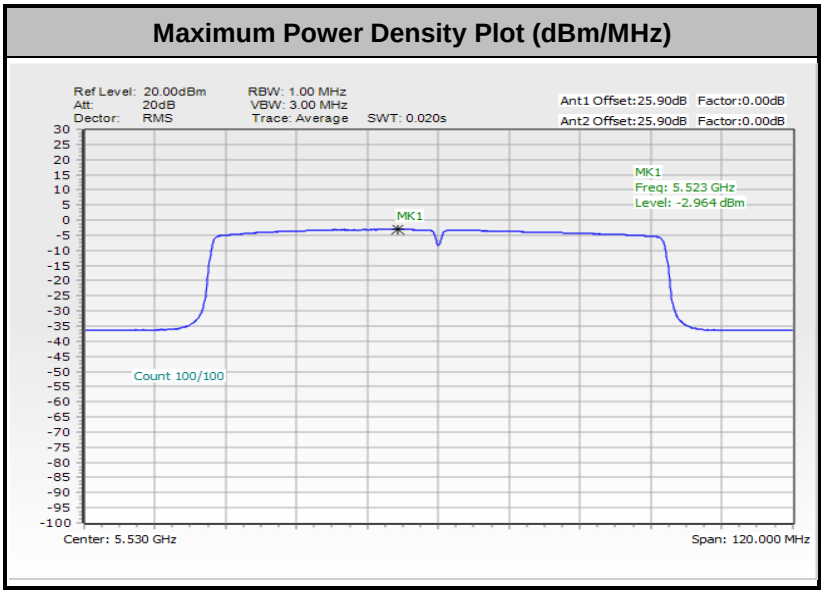
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)


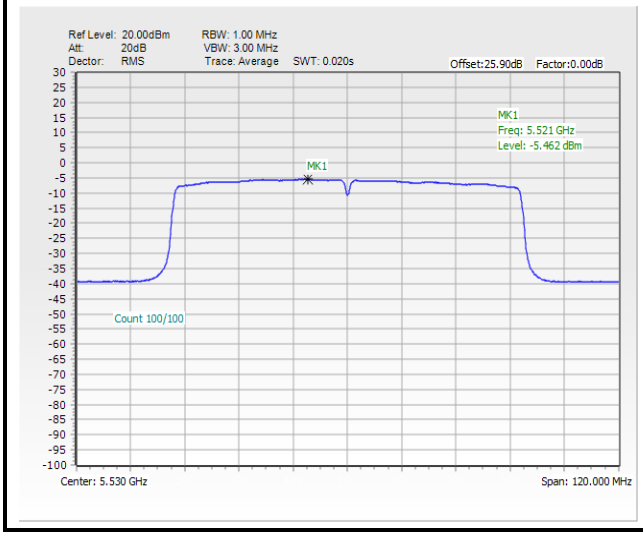
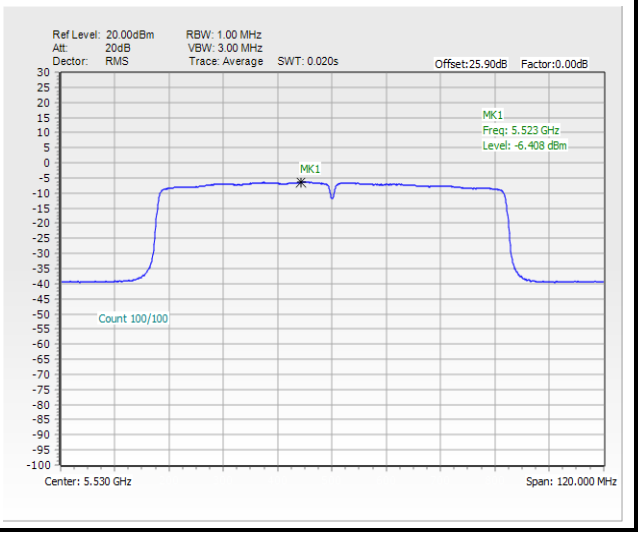
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

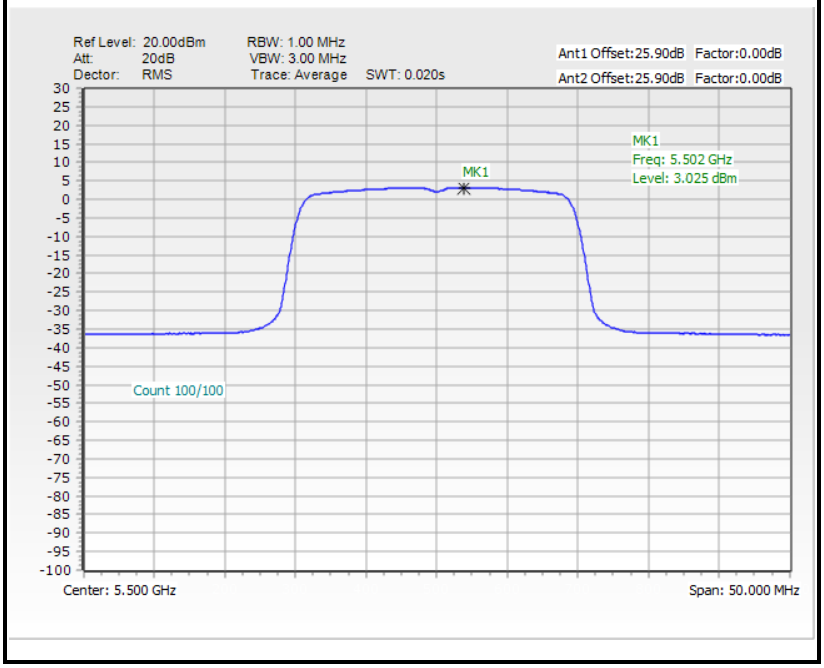
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)


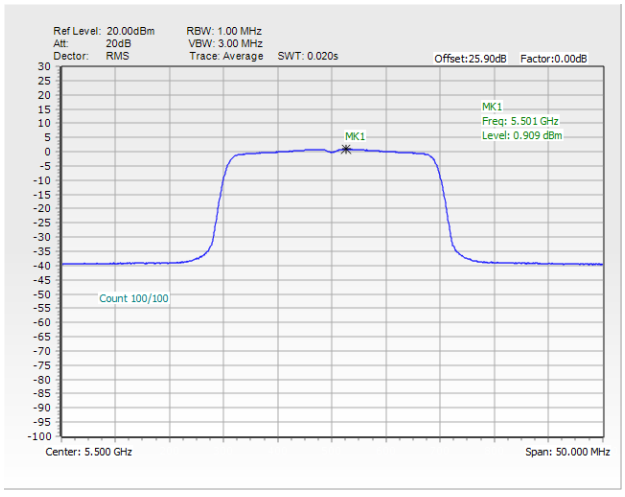
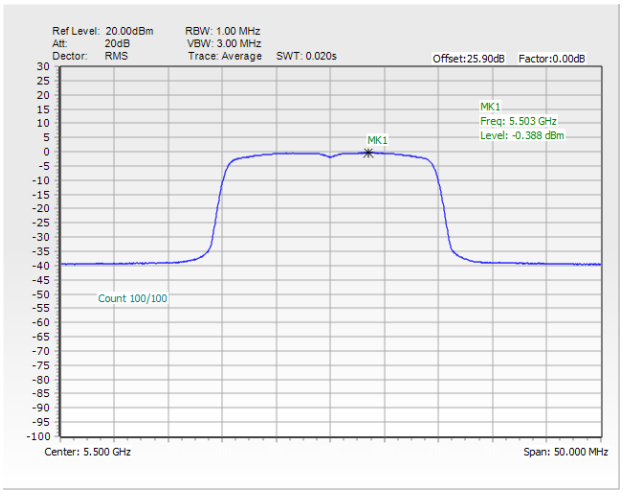
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

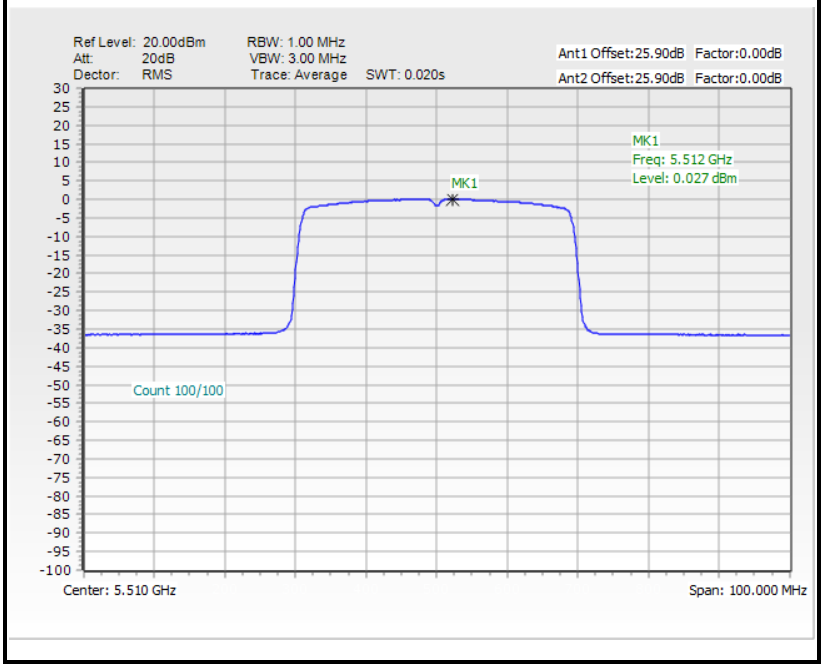
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


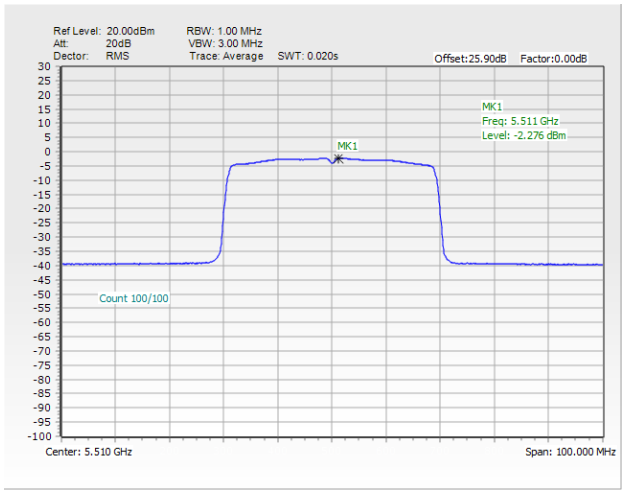
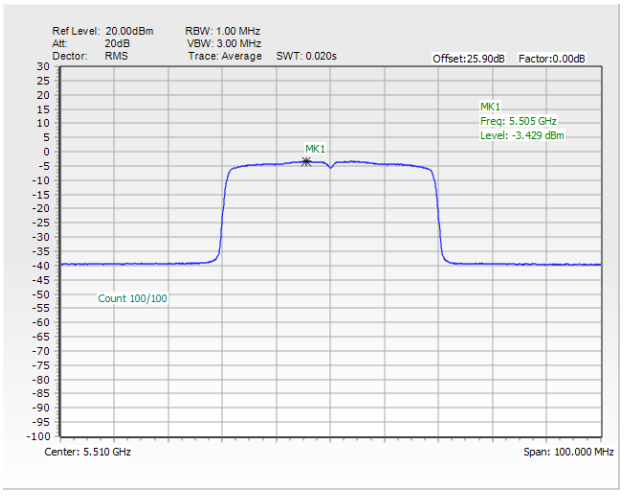
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

<802.11ax HE40>

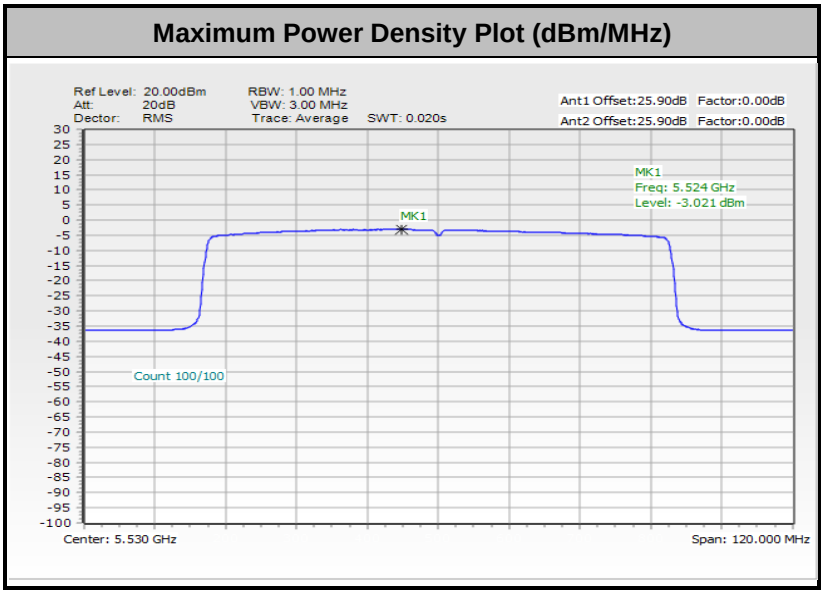
Maximum Power Density Plot (dBm/MHz)


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

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)
	

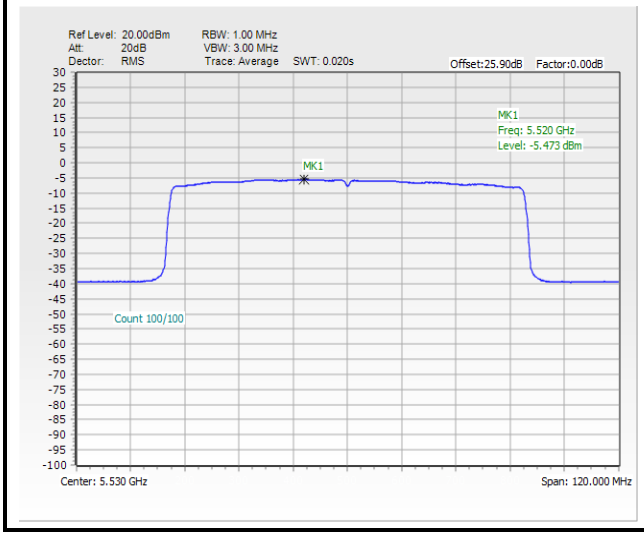
<802.11ax HE80>

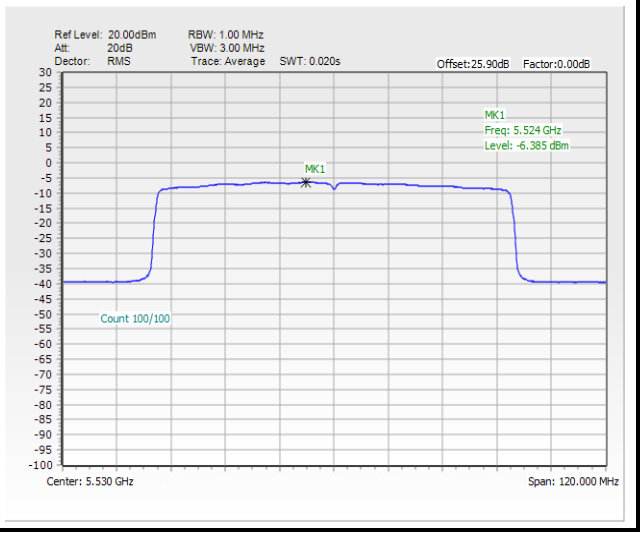
Maximum Power Density Plot (dBm/MHz)



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

Maximum Power Density Plot Trace 1 (Ant 1)	Maximum Power Density Plot Trace 2 (Ant 2)



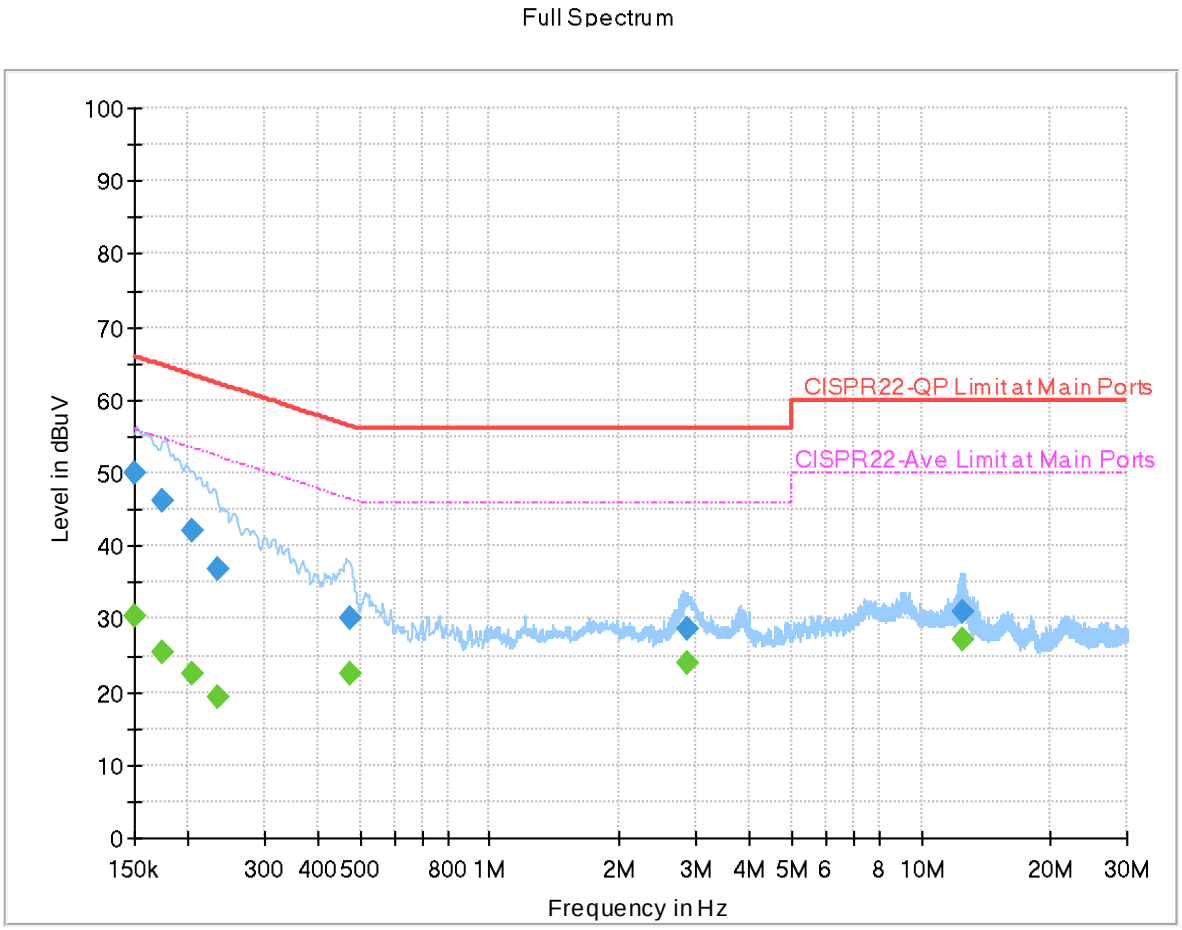


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	20~26.7℃
		Relative Humidity :	58.2~62.3%

EUT Information

Report NO :	3O0513-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

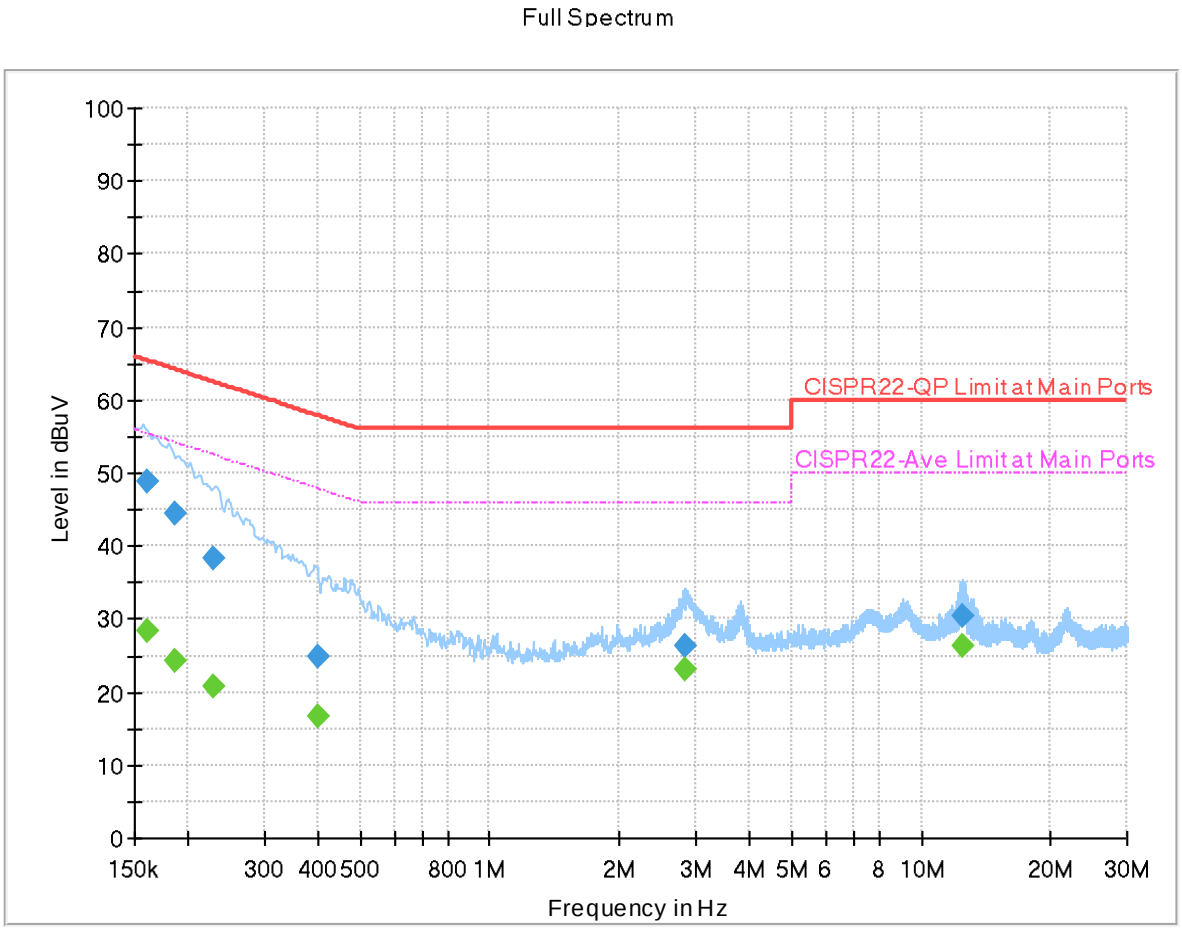


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	30.48	56.00	25.52	L1	OFF	19.9
0.150000	50.09	---	66.00	15.91	L1	OFF	19.9
0.174390	---	25.53	54.75	29.22	L1	OFF	19.9
0.174390	46.22	---	64.75	18.53	L1	OFF	19.9
0.203910	---	22.60	53.45	30.85	L1	OFF	19.9
0.203910	42.05	---	63.45	21.40	L1	OFF	19.9
0.233250	---	19.43	52.33	32.90	L1	OFF	19.9
0.233250	36.78	---	62.33	25.55	L1	OFF	19.9
0.474630	---	22.42	46.43	24.01	L1	OFF	19.9
0.474630	30.05	---	56.43	26.38	L1	OFF	19.9
2.872680	---	23.85	46.00	22.15	L1	OFF	20.0
2.872680	28.79	---	56.00	27.21	L1	OFF	20.0
12.497460	---	27.12	50.00	22.88	L1	OFF	20.1
12.497460	30.87	---	60.00	29.13	L1	OFF	20.1

EUT Information

Report NO :	3O0513-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	28.27	55.40	27.13	N	OFF	19.9
0.161250	48.85	---	65.40	16.55	N	OFF	19.9
0.186000	---	24.25	54.21	29.96	N	OFF	19.9
0.186000	44.47	---	64.21	19.74	N	OFF	19.9
0.229200	---	20.63	52.48	31.85	N	OFF	19.9
0.229200	38.17	---	62.48	24.31	N	OFF	19.9
0.401640	---	16.59	47.82	31.23	N	OFF	19.9
0.401640	24.98	---	57.82	32.84	N	OFF	19.9
2.845500	---	23.23	46.00	22.77	N	OFF	20.0
2.845500	26.22	---	56.00	29.78	N	OFF	20.0
12.499800	---	26.17	50.00	23.83	N	OFF	20.1
12.499800	30.35	---	60.00	29.65	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Jack Cheng, Ray Lung and Sky Chang	Temperature :	18~26°C
		Relative Humidity :	50~70%

<CDD Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5030.68	50.96	-23.04	74	40.89	33.2	10.52	33.65	100	267	P	H
		5042.9	43.81	-10.19	54	33.73	33.2	10.53	33.65	100	267	A	H
	*	5180	106.42	-	-	96.34	33.14	10.58	33.64	100	267	P	H
	*	5180	98.65	-	-	88.57	33.14	10.58	33.64	100	267	A	H
													H
													H
		5039.52	52.5	-21.5	74	42.42	33.2	10.53	33.65	239	290	P	V
		5077.48	43.56	-10.44	54	33.47	33.2	10.54	33.65	239	290	A	V
	*	5180	106.03	-	-	95.95	33.14	10.58	33.64	239	290	P	V
	*	5180	98.58	-	-	88.5	33.14	10.58	33.64	239	290	A	V
													V
													V
802.11a CH 44 5220MHz		5059.28	52.29	-21.71	74	42.21	33.2	10.53	33.65	100	265	P	H
		5072.28	43.83	-10.17	54	33.74	33.2	10.54	33.65	100	265	A	H
	*	5220	105.68	-	-	95.62	33.06	10.64	33.64	100	265	P	H
	*	5220	98.08	-	-	88.02	33.06	10.64	33.64	100	265	A	H
		5397.28	50.58	-23.42	74	40.23	32.91	11.07	33.63	100	265	P	H
		5436.48	42.24	-11.76	54	31.79	32.97	11.1	33.62	100	265	A	H
		5067.34	52.08	-21.92	74	41.99	33.2	10.54	33.65	225	288	P	V
		5095.94	43.82	-10.18	54	33.71	33.2	10.55	33.64	225	288	A	V
	*	5220	105.1	-	-	95.04	33.06	10.64	33.64	225	288	P	V
	*	5220	98.45	-	-	88.39	33.06	10.64	33.64	225	288	A	V
		5451.04	50.07	-23.93	74	39.58	33	11.11	33.62	225	288	P	V
		5449.36	42.21	-11.79	54	31.72	33	11.11	33.62	225	288	A	V

802.11a CH 48 5240MHz		5080.34	52.38	-21.62	74	42.29	33.2	10.54	33.65	100	265	P	H
		5035.88	43.82	-10.18	54	33.75	33.2	10.52	33.65	100	265	A	H
	*	5240	105.83	-	-	95.76	33.02	10.69	33.64	100	265	P	H
	*	5240	97.82	-	-	87.75	33.02	10.69	33.64	100	265	A	H
		5455.52	49.85	-24.15	74	39.37	32.99	11.11	33.62	100	265	P	H
		5447.4	42.14	-11.86	54	31.66	32.99	11.11	33.62	100	265	A	H
		5023.4	52.62	-21.38	74	42.55	33.2	10.52	33.65	237	293	P	V
		5021.32	43.65	-10.35	54	33.58	33.2	10.52	33.65	237	293	A	V
	*	5240	106.57	-	-	96.5	33.02	10.69	33.64	237	293	P	V
	*	5240	98.84	-	-	88.77	33.02	10.69	33.64	237	293	A	V
		5414.36	50.66	-23.34	74	40.27	32.93	11.09	33.63	237	293	P	V
		5458.04	42.31	-11.69	54	31.84	32.98	11.11	33.62	237	293	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.58	-21.62	68.2	50.45	38.8	17.36	60.03	-	-	P	H
		15540	46.56	-27.44	74	48.9	38	21.56	61.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	45.42	-22.78	68.2	49.29	38.8	17.36	60.03	-	-	P	V
		15540	46.69	-27.31	74	49.03	38	21.56	61.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	45.43	-22.77	68.2	49.33	38.8	17.43	60.13	-	-	P	H
		15660	45.25	-28.75	74	47.58	37.6	21.63	61.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10440	45.02	-23.18	68.2	48.92	38.8	17.43	60.13	-	-	P	V
		15660	46.43	-27.57	74	48.76	37.6	21.63	61.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	44.89	-23.31	68.2	48.87	38.74	17.46	60.18	-	-	P	H
		15720	45.86	-28.14	74	47.98	37.6	21.67	61.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	44.32	-23.88	68.2	48.3	38.74	17.46	60.18	-	-	P	V
		15720	45.55	-28.45	74	47.67	37.6	21.67	61.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5121.42	52.92	-21.08	74	42.8	33.2	10.56	33.64	100	236	P	H
		5081.12	41.97	-12.03	54	31.88	33.2	10.54	33.65	100	236	A	H
	*	5180	107.88	-	-	97.8	33.14	10.58	33.64	100	236	P	H
	*	5180	101.12	-	-	91.04	33.14	10.58	33.64	100	236	A	H
802.11n													H
HT20													H
CH 36		5085.54	52.38	-21.62	74	42.28	33.2	10.54	33.64	102	240	P	V
5180MHz		5078	41.8	-12.2	54	31.71	33.2	10.54	33.65	102	240	A	V
	*	5180	106.87	-	-	96.79	33.14	10.58	33.64	102	240	P	V
	*	5180	99.3	-	-	89.22	33.14	10.58	33.64	102	240	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	44.25	-23.95	68.2	48.23	38.74	17.46	60.18	-	-	P	H
		15720	44.88	-29.12	74	47	37.6	21.67	61.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 48		10480	44.03	-24.17	68.2	48.01	38.74	17.46	60.18	-	-	P	V
5240MHz		15720	45.37	-28.63	74	47.49	37.6	21.67	61.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.72	54.26	-19.74	74	44.13	33.2	10.57	33.64	100	236	P	H
		5147.68	44.24	-9.76	54	34.11	33.2	10.57	33.64	100	236	A	H
	*	5190	105.66	-	-	95.59	33.12	10.59	33.64	100	236	P	H
	*	5190	98.91	-	-	88.84	33.12	10.59	33.64	100	236	A	H
		5444.88	50.21	-23.79	74	39.74	32.99	11.1	33.62	100	236	P	H
		5454.4	40.65	-13.35	54	30.17	32.99	11.11	33.62	100	236	A	H
		5141.44	53.2	-20.8	74	43.07	33.2	10.57	33.64	103	240	P	V
		5150	44.08	-9.92	54	33.95	33.2	10.57	33.64	103	240	A	V
	*	5190	105.7	-	-	95.63	33.12	10.59	33.64	103	240	P	V
	*	5190	97.73	-	-	87.66	33.12	10.59	33.64	103	240	A	V
		5428.64	50.24	-23.76	74	39.8	32.96	11.1	33.62	103	240	P	V
		5458.04	40.55	-13.45	54	30.08	32.98	11.11	33.62	103	240	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 VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5031.98	51.81	-22.19	74	41.74	33.2	10.52	33.65	100	241	P	H
		5080.86	41.99	-12.01	54	31.9	33.2	10.54	33.65	100	241	A	H
	*	5180	108.35	-	-	98.27	33.14	10.58	33.64	100	241	P	H
	*	5180	100.9	-	-	90.82	33.14	10.58	33.64	100	241	A	H
802.11ac													H
VHT20													H
CH 36		5145.6	52.71	-21.29	74	42.58	33.2	10.57	33.64	100	241	P	V
5180MHz		5088.4	41.82	-12.18	54	31.71	33.2	10.55	33.64	100	241	A	V
	*	5180	106.71	-	-	96.63	33.14	10.58	33.64	100	241	P	V
	*	5180	99.08	-	-	89	33.14	10.58	33.64	100	241	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	43.65	-24.55	68.2	47.63	38.74	17.46	60.18	-	-	P	H
		15720	45.36	-28.64	74	47.48	37.6	21.67	61.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 48		10480	43.87	-24.33	68.2	47.85	38.74	17.46	60.18	-	-	P	V
5240MHz		15720	44.95	-29.05	74	47.07	37.6	21.67	61.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5146.12	53.02	-20.98	74	42.89	33.2	10.57	33.64	100	238	P	H
		5148.72	43.53	-10.47	54	33.4	33.2	10.57	33.64	100	238	A	H
	*	5190	105.57	-	-	95.5	33.12	10.59	33.64	100	238	P	H
	*	5190	98.22	-	-	88.15	33.12	10.59	33.64	100	238	A	H
802.11ac		5410.72	50.59	-23.41	74	40.21	32.92	11.09	33.63	100	238	P	H
VHT40		5456.36	40.33	-13.67	54	29.85	32.99	11.11	33.62	100	238	A	H
CH 38		5043.94	52.39	-21.61	74	42.31	33.2	10.53	33.65	100	240	P	V
5190MHz		5150	43.26	-10.74	54	33.13	33.2	10.57	33.64	100	240	A	V
	*	5190	104.68	-	-	94.61	33.12	10.59	33.64	100	240	P	V
	*	5190	96.78	-	-	86.71	33.12	10.59	33.64	100	240	A	V
		5398.12	50.17	-23.83	74	39.82	32.9	11.08	33.63	100	240	P	V
		5459.44	40.29	-13.71	54	29.82	32.98	11.11	33.62	100	240	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 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5150	54.45	-19.55	74	44.32	33.2	10.57	33.64	100	237	P	H
		5150	44.5	-9.5	54	34.37	33.2	10.57	33.64	100	237	A	H
	*	5210	102.76	-	-	92.71	33.08	10.61	33.64	100	237	P	H
	*	5210	95.55	-	-	85.5	33.08	10.61	33.64	100	237	A	H
802.11ac		5454.02	50.7	-23.3	74	40.22	32.99	11.11	33.62	100	237	P	H
VHT80		5456.1	40.34	-13.66	54	29.86	32.99	11.11	33.62	100	237	A	H
CH 42		5131.04	53.48	-20.52	74	43.36	33.2	10.56	33.64	100	233	P	V
5210MHz		5147.68	44.8	-9.2	54	34.67	33.2	10.57	33.64	100	233	A	V
	*	5210	101.63	-	-	91.58	33.08	10.61	33.64	100	233	P	V
	*	5210	93.28	-	-	83.23	33.08	10.61	33.64	100	233	A	V
		5400.98	50.15	-23.85	74	39.8	32.9	11.08	33.63	100	233	P	V
		5451.68	40.27	-13.73	54	29.78	33	11.11	33.62	100	233	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 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5075.4	52.47	-21.53	74	42.38	33.2	10.54	33.65	100	242	P	H
		5081.38	41.91	-12.09	54	31.82	33.2	10.54	33.65	100	242	A	H
	*	5180	110.41	-	-	100.33	33.14	10.58	33.64	100	242	P	H
	*	5180	100.25	-	-	90.17	33.14	10.58	33.64	100	242	A	H
802.11ax													H
HE20 Full													H
CH 36		5048.62	52.07	-21.93	74	41.99	33.2	10.53	33.65	100	241	P	V
5180MHz		5087.62	41.67	-12.33	54	31.56	33.2	10.55	33.64	100	241	A	V
	*	5180	107.23	-	-	97.15	33.14	10.58	33.64	100	241	P	V
	*	5180	98.33	-	-	88.25	33.14	10.58	33.64	100	241	A	V
													V
													V
		5120.38	51.75	-22.25	74	41.63	33.2	10.56	33.64	100	239	P	H
		5121.16	41.74	-12.26	54	31.62	33.2	10.56	33.64	100	239	A	H
	*	5220	107.37	-	-	97.31	33.06	10.64	33.64	100	239	P	H
	*	5220	99.77	-	-	89.71	33.06	10.64	33.64	100	239	A	H
802.11ax		5386.64	50.21	-23.79	74	39.86	32.93	11.05	33.63	100	239	P	H
HE20 Full		5459.72	40.36	-13.64	54	29.89	32.98	11.11	33.62	100	239	A	H
CH 44		5087.1	51.83	-22.17	74	41.73	33.2	10.54	33.64	100	239	P	V
5220MHz		5060.58	41.62	-12.38	54	31.54	33.2	10.53	33.65	100	239	A	V
	*	5220	107.49	-	-	97.43	33.06	10.64	33.64	100	239	P	V
	*	5220	97.81	-	-	87.75	33.06	10.64	33.64	100	239	A	V
		5370.12	50.03	-23.97	74	39.69	32.96	11.01	33.63	100	239	P	V
		5455.24	40.3	-13.7	54	29.82	32.99	11.11	33.62	100	239	A	V

		5045.76	52.73	-21.27	74	42.65	33.2	10.53	33.65	100	239	P	H
		5046.02	41.73	-12.27	54	31.65	33.2	10.53	33.65	100	239	A	H
	*	5240	106.98	-	-	96.91	33.02	10.69	33.64	100	239	P	H
	*	5240	100.01	-	-	89.94	33.02	10.69	33.64	100	239	A	H
802.11ax		5365.64	50.27	-23.73	74	39.93	32.97	11	33.63	100	239	P	H
HE20 Full		5458.6	40.39	-13.61	54	29.92	32.98	11.11	33.62	100	239	A	H
CH 48		5039	52.36	-21.64	74	42.28	33.2	10.53	33.65	108	239	P	V
5240MHz		5051.74	41.7	-12.3	54	31.62	33.2	10.53	33.65	108	239	A	V
	*	5240	106.97	-	-	96.9	33.02	10.69	33.64	108	239	P	V
	*	5240	97.83	-	-	87.76	33.02	10.69	33.64	108	239	A	V
		5419.96	50.61	-23.39	74	40.2	32.94	11.09	33.62	108	239	P	V
		5458.04	40.4	-13.6	54	29.93	32.98	11.11	33.62	108	239	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	45.59	-22.61	68.2	49.46	38.8	17.36	60.03	-	-	P	H
		15540	45.8	-28.2	74	48.14	38	21.56	61.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	44.75	-23.45	68.2	48.62	38.8	17.36	60.03	-	-	P	V
5180MHz		15540	44.95	-29.05	74	47.29	38	21.56	61.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	44.26	-23.94	68.2	48.16	38.8	17.43	60.13	-	-	P	H
		15660	44.83	-29.17	74	47.16	37.6	21.63	61.56	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	45.1	-23.1	68.2	49	38.8	17.43	60.13	-	-	P	V
5220MHz		15660	45.25	-28.75	74	47.58	37.6	21.63	61.56	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	44.08	-24.12	68.2	48.06	38.74	17.46	60.18	-	-	P	H
		15720	45.79	-28.21	74	47.91	37.6	21.67	61.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	44.27	-23.93	68.2	48.25	38.74	17.46	60.18	-	-	P	V
5240MHz		15720	44.31	-29.69	74	46.43	37.6	21.67	61.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5084.76	52.68	-21.32	74	42.58	33.2	10.54	33.64	100	228	P	H
		5075.66	43.47	-10.53	54	33.38	33.2	10.54	33.65	100	228	A	H
	*	5180	116.03	-	-	105.95	33.14	10.58	33.64	100	228	P	H
	*	5180	108.54	-	-	98.46	33.14	10.58	33.64	100	228	A	H
													H
													H
		5055.64	53.22	-20.78	74	43.14	33.2	10.53	33.65	100	272	P	V
		5075.4	42.05	-11.95	54	31.96	33.2	10.54	33.65	100	272	A	V
	*	5180	109.29	-	-	99.21	33.14	10.58	33.64	100	272	P	V
	*	5180	102.21	-	-	92.13	33.14	10.58	33.64	100	272	A	V
													V
													V
802.11ax HE20 Partial 26/4 CH 48 5240MHz		5133.12	52.41	-21.59	74	42.29	33.2	10.56	33.64	100	228	P	H
		5143.26	42.85	-11.15	54	32.72	33.2	10.57	33.64	100	228	A	H
	*	5240	114.69	-	-	104.62	33.02	10.69	33.64	100	228	P	H
	*	5240	105.72	-	-	95.65	33.02	10.69	33.64	100	228	A	H
		5407.08	50.08	-23.92	74	39.72	32.91	11.08	33.63	100	228	P	H
		5458.04	40.45	-13.55	54	29.98	32.98	11.11	33.62	100	228	A	H
		5007.54	52.7	-21.3	74	42.64	33.2	10.51	33.65	100	292	P	V
		5046.8	41.73	-12.27	54	31.65	33.2	10.53	33.65	100	292	A	V
	*	5240	105.65	-	-	95.58	33.02	10.69	33.64	100	292	P	V
	*	5240	98.09	-	-	88.02	33.02	10.69	33.64	100	292	A	V
		5452.44	50.3	-23.7	74	39.81	33	11.11	33.62	100	292	P	V
		5459.44	40.38	-13.62	54	29.91	32.98	11.11	33.62	100	292	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 Partial 26 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		10360	44.69	-23.51	68.2	48.56	38.8	17.36	60.03	-	-	P	H
		15540	45.49	-28.51	74	47.83	38	21.56	61.9	-	-	P	H
													H
		10360	44.64	-23.56	68.2	48.51	38.8	17.36	60.03	-	-	P	V
		15540	44.71	-29.29	74	47.05	38	21.56	61.9	-	-	P	V
													V
802.11ax HE20 Partial 26/4 CH 48 5240MHz		10480	43.6	-24.6	68.2	47.58	38.74	17.46	60.18	-	-	P	H
		15720	45.41	-28.59	74	47.53	37.6	21.67	61.39	-	-	P	H
													H
		10480	45.12	-23.08	68.2	49.1	38.74	17.46	60.18	-	-	P	V
		15720	45.39	-28.61	74	47.51	37.6	21.67	61.39	-	-	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5135.2	52.8	-21.2	74	42.68	33.2	10.56	33.64	100	222	P	H
		5077.74	42.66	-11.34	54	32.57	33.2	10.54	33.65	100	222	A	H
	*	5180	112.44	-	-	102.36	33.14	10.58	33.64	100	222	P	H
802.11ax	*	5180	105.49	-	-	95.41	33.14	10.58	33.64	100	222	A	H
HE20													H
Partial													H
52/37		5090.48	52.1	-21.9	74	41.99	33.2	10.55	33.64	100	272	P	V
CH 36		5076.7	41.82	-12.18	54	31.73	33.2	10.54	33.65	100	272	A	V
5180MHz	*	5180	107.12	-	-	97.04	33.14	10.58	33.64	100	272	P	V
	*	5180	99.78	-	-	89.7	33.14	10.58	33.64	100	272	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5076.44	52.53	-21.47	74	42.44	33.2	10.54	33.65	100	225	P	H
		5078	42.18	-11.82	54	32.09	33.2	10.54	33.65	100	225	A	H
	*	5180	110.55	-	-	100.47	33.14	10.58	33.64	100	225	P	H
802.11ax	*	5180	102.33	-	-	92.25	33.14	10.58	33.64	100	225	A	H
HE20													H
Partial													H
106/53		5026.26	52.37	-21.63	74	42.3	33.2	10.52	33.65	100	280	P	V
CH 36		5075.4	41.76	-12.24	54	31.67	33.2	10.54	33.65	100	280	A	V
5180MHz	*	5180	103.4	-	-	93.32	33.14	10.58	33.64	100	280	P	V
	*	5180	96.86	-	-	86.78	33.14	10.58	33.64	100	280	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.72	52.27	-21.73	74	42.14	33.2	10.57	33.64	108	235	P	H
		5148.46	43.91	-10.09	54	33.78	33.2	10.57	33.64	108	235	A	H
	*	5190	108.59	-	-	98.52	33.12	10.59	33.64	108	235	P	H
	*	5190	97.57	-	-	87.5	33.12	10.59	33.64	108	235	A	H
802.11ax		5439.56	50.19	-23.81	74	39.73	32.98	11.1	33.62	108	235	P	H
HE40 Full		5455.8	40.32	-13.68	54	29.84	32.99	11.11	33.62	108	235	A	H
CH 38		5149.5	54.33	-19.67	74	44.2	33.2	10.57	33.64	212	240	P	V
5190MHz		5150	44.22	-9.78	54	34.09	33.2	10.57	33.64	212	240	A	V
	*	5190	102.95	-	-	92.88	33.12	10.59	33.64	212	240	P	V
	*	5190	95.66	-	-	85.59	33.12	10.59	33.64	212	240	A	V
		5422.76	51.11	-22.89	74	40.69	32.95	11.09	33.62	212	240	P	V
		5458.6	40.29	-13.71	54	29.82	32.98	11.11	33.62	212	240	A	V
		5057.46	52.27	-21.73	74	42.19	33.2	10.53	33.65	100	234	P	H
		5045.76	41.61	-12.39	54	31.53	33.2	10.53	33.65	100	234	A	H
	*	5230	106.8	-	-	96.74	33.04	10.66	33.64	100	234	P	H
	*	5230	97.53	-	-	87.47	33.04	10.66	33.64	100	234	A	H
802.11ax		5454.96	50.67	-23.33	74	40.19	32.99	11.11	33.62	100	234	P	H
HE40 Full		5453.56	40.28	-13.72	54	29.8	32.99	11.11	33.62	100	234	A	H
CH 46		5056.94	51.74	-22.26	74	41.66	33.2	10.53	33.65	100	240	P	V
5230MHz		5062.14	41.55	-12.45	54	31.47	33.2	10.53	33.65	100	240	A	V
	*	5230	104.47	-	-	94.41	33.04	10.66	33.64	100	240	P	V
	*	5230	95.82	-	-	85.76	33.04	10.66	33.64	100	240	A	V
		5369.28	50.07	-23.93	74	39.74	32.96	11	33.63	100	240	P	V
		5459.44	40.22	-13.78	54	29.75	32.98	11.11	33.62	100	240	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	44	-24.2	68.2	47.88	38.8	17.38	60.06	-	-	P	H
		15570	45.87	-28.13	74	48.11	38	21.57	61.81	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	44.71	-23.49	68.2	48.59	38.8	17.38	60.06	-	-	P	V
5190MHz		15570	44.32	-29.68	74	46.56	38	21.57	61.81	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	44.84	-23.36	68.2	48.77	38.78	17.45	60.16	-	-	P	H
		15690	45.99	-28.01	74	48.22	37.6	21.64	61.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	44.61	-23.59	68.2	48.54	38.78	17.45	60.16	-	-	P	V
5230MHz		15690	44.45	-29.55	74	46.68	37.6	21.64	61.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5149.76	57.28	-16.72	74	47.15	33.2	10.57	33.64	111	237	P	H
		5150	46.31	-7.69	54	36.18	33.2	10.57	33.64	111	237	A	H
	*	5210	102.67	-	-	92.62	33.08	10.61	33.64	111	237	P	H
	*	5210	94.79	-	-	84.74	33.08	10.61	33.64	111	237	A	H
		5433.74	50.58	-23.42	74	40.13	32.97	11.1	33.62	111	237	P	H
		5459.48	40.34	-13.66	54	29.87	32.98	11.11	33.62	111	237	A	H
		5135.98	54.76	-19.24	74	44.64	33.2	10.56	33.64	100	234	P	V
		5147.42	45.41	-8.59	54	35.28	33.2	10.57	33.64	100	234	A	V
	*	5210	104.13	-	-	94.08	33.08	10.61	33.64	100	234	P	V
	*	5210	93.21	-	-	83.16	33.08	10.61	33.64	100	234	A	V
		5456.36	50.83	-23.17	74	40.35	32.99	11.11	33.62	100	234	P	V
		5456.1	40.26	-13.74	54	29.78	32.99	11.11	33.62	100	234	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	47.7	-20.5	68.2	51.6	38.8	17.41	60.11	-	-	P	H
		15630	47.8	-26.2	74	50.07	37.76	21.61	61.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	46.47	-21.73	68.2	50.37	38.8	17.41	60.11	-	-	P	V
5210MHz		15630	47.16	-26.84	74	49.43	37.76	21.61	61.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		5042.16	52.42	-21.58	74	42.34	33.2	10.53	33.65	100	279	P	H
		5024.14	43.81	-10.19	54	33.74	33.2	10.52	33.65	100	279	A	H
	*	5300	105.75	-	-	95.64	32.9	10.84	33.63	100	279	P	H
	*	5300	97.26	-	-	87.15	32.9	10.84	33.63	100	279	A	H
		5387.76	50.8	-23.2	74	40.46	32.92	11.05	33.63	100	279	P	H
		5457.84	42.2	-11.8	54	31.73	32.98	11.11	33.62	100	279	A	H
		5141.1	51.54	-22.46	74	41.41	33.2	10.57	33.64	224	290	P	V
		5058.82	43.69	-10.31	54	33.61	33.2	10.53	33.65	224	290	A	V
	*	5300	108.31	-	-	98.2	32.9	10.84	33.63	224	290	P	V
	*	5300	99.24	-	-	89.13	32.9	10.84	33.63	224	290	A	V
		5373.36	50.2	-23.8	74	39.87	32.95	11.01	33.63	224	290	P	V
		5391.12	42.28	-11.72	54	31.93	32.92	11.06	33.63	224	290	A	V
802.11a CH 64 5320MHz	*	5320	106.29	-	-	96.1	32.94	10.88	33.63	100	238	P	H
	*	5320	97.29	-	-	87.1	32.94	10.88	33.63	100	238	A	H
		5359.36	50.59	-23.41	74	40.26	32.98	10.98	33.63	100	238	P	H
		5449.76	42.16	-11.84	54	31.67	33	11.11	33.62	100	238	A	H
													H
													H
	*	5320	107.49	-	-	97.3	32.94	10.88	33.63	236	258	P	V
	*	5320	97.73	-	-	87.54	32.94	10.88	33.63	236	258	A	V
		5382.56	50.13	-23.87	74	39.79	32.93	11.04	33.63	236	258	P	V
		5439.2	42	-12	54	31.54	32.98	11.1	33.62	236	258	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	46.25	-21.95	68.2	50.25	38.74	17.5	60.24	-	-	P	H
		15780	46.85	-27.15	74	48.84	37.54	21.69	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	46.42	-21.78	68.2	50.42	38.74	17.5	60.24	-	-	P	V
		15780	47.27	-26.73	74	49.26	37.54	21.69	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	44.57	-29.43	74	48.28	39.1	17.56	60.37	-	-	P	H
		15900	45.48	-28.52	74	46.9	37.7	21.76	60.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	44.17	-29.83	74	47.88	39.1	17.56	60.37	-	-	P	V
		15900	45.85	-28.15	74	47.27	37.7	21.76	60.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	45.48	-28.52	74	49.06	39.26	17.6	60.44	-	-	P	H
		15960	45.16	-28.84	74	46.69	37.38	21.8	60.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	44.39	-29.61	74	47.97	39.26	17.6	60.44	-	-	P	V
		15960	45.36	-28.64	74	46.89	37.38	21.8	60.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	109.06	-	-	98.87	32.94	10.88	33.63	100	237	P	H
	*	5320	100.84	-	-	90.65	32.94	10.88	33.63	100	237	A	H
		5354.72	50.81	-23.19	74	40.48	32.99	10.97	33.63	100	237	P	H
		5414.72	40.63	-13.37	54	30.24	32.93	11.09	33.63	100	237	P	H
802.11n													H
HT20													H
CH 64	*	5320	106.11	-	-	95.92	32.94	10.88	33.63	103	226	P	V
5320MHz	*	5320	97.95	-	-	87.76	32.94	10.88	33.63	103	226	A	V
		5407.04	51.84	-22.16	74	41.48	32.91	11.08	33.63	103	226	P	V
		5459.2	40.55	-13.45	54	30.08	32.98	11.11	33.62	103	226	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	44.65	-23.55	68.2	48.65	38.74	17.5	60.24	-	-	P	H
		15780	45.7	-28.3	74	47.69	37.54	21.69	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 52		10520	45.23	-22.97	68.2	49.23	38.74	17.5	60.24	-	-	P	V
5260MHz		15780	47.46	-26.54	74	49.45	37.54	21.69	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 62 5310MHz		5086.7	53.12	-20.88	74	43.02	33.2	10.54	33.64	100	231	P	H
		5020.06	41.76	-12.24	54	31.69	33.2	10.52	33.65	100	231	A	H
	*	5310	105.55	-	-	95.4	32.92	10.86	33.63	100	231	P	H
	*	5310	98.16	-	-	88.01	32.92	10.86	33.63	100	231	A	H
		5350.32	54.69	-19.31	74	44.36	33	10.96	33.63	100	231	P	H
		5350.08	45.21	-8.79	54	34.88	33	10.96	33.63	100	231	A	H
		5100.98	51.94	-22.06	74	41.83	33.2	10.55	33.64	100	244	P	V
		5059.5	41.69	-12.31	54	31.61	33.2	10.53	33.65	100	244	A	V
	*	5310	102.99	-	-	92.84	32.92	10.86	33.63	100	244	P	V
	*	5310	95.04	-	-	84.89	32.92	10.86	33.63	100	244	A	V
		5355.36	52.64	-21.36	74	42.31	32.99	10.97	33.63	100	244	P	V
		5352.96	41.92	-12.08	54	31.6	32.99	10.96	33.63	100	244	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 VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	109.31	-	-	99.12	32.94	10.88	33.63	100	236	P	H
	*	5320	100.38	-	-	90.19	32.94	10.88	33.63	100	236	A	H
		5389.92	50.71	-23.29	74	40.36	32.92	11.06	33.63	100	236	P	H
		5414.88	40.42	-13.58	54	30.03	32.93	11.09	33.63	100	236	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	105.58	-	-	95.39	32.94	10.88	33.63	100	238	P	V
5320MHz	*	5320	97.27	-	-	87.08	32.94	10.88	33.63	100	238	A	V
		5390.08	51.9	-22.1	74	41.55	32.92	11.06	33.63	100	238	P	V
		5456.64	40.32	-13.68	54	29.84	32.99	11.11	33.62	100	238	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	44.39	-23.81	68.2	48.39	38.74	17.5	60.24	-	-	P	H
		15780	45.77	-28.23	74	47.76	37.54	21.69	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 52		10520	45.52	-22.68	68.2	49.52	38.74	17.5	60.24	-	-	P	V
5260MHz		15780	45.15	-28.85	74	47.14	37.54	21.69	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5037.06	52.03	-21.97	74	41.96	33.2	10.52	33.65	100	225	P	H
		5063.92	41.69	-12.31	54	31.6	33.2	10.54	33.65	100	225	A	H
	*	5310	106.6	-	-	96.45	32.92	10.86	33.63	100	225	P	H
	*	5310	97.81	-	-	87.66	32.92	10.86	33.63	100	225	A	H
802.11ac		5352.24	53.33	-20.67	74	43	33	10.96	33.63	100	225	P	H
VHT40		5350.08	44.07	-9.93	54	33.74	33	10.96	33.63	100	225	A	H
CH 62		5096.22	51.99	-22.01	74	41.88	33.2	10.55	33.64	100	223	P	V
5310MHz		5059.5	41.62	-12.38	54	31.54	33.2	10.53	33.65	100	223	A	V
	*	5310	102.01	-	-	91.86	32.92	10.86	33.63	100	223	P	V
	*	5310	94.25	-	-	84.1	32.92	10.86	33.63	100	223	A	V
		5354.64	51.56	-22.44	74	41.23	32.99	10.97	33.63	100	223	P	V
		5351.52	41.4	-12.6	54	31.07	33	10.96	33.63	100	223	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 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5038.1	52.05	-21.95	74	41.97	33.2	10.53	33.65	100	224	P	H
		5060.9	41.73	-12.27	54	31.65	33.2	10.53	33.65	100	224	A	H
	*	5290	103.06	-	-	92.96	32.92	10.81	33.63	100	224	P	H
	*	5290	94.81	-	-	84.71	32.92	10.81	33.63	100	224	A	H
		5358.96	55.27	-18.73	74	44.94	32.98	10.98	33.63	100	224	P	H
		5352.96	46.32	-7.68	54	36	32.99	10.96	33.63	100	224	A	H
		5006.6	51.32	-22.68	74	41.26	33.2	10.51	33.65	100	239	P	V
		5061.2	41.68	-12.32	54	31.6	33.2	10.53	33.65	100	239	A	V
	*	5290	100.26	-	-	90.16	32.92	10.81	33.63	100	239	P	V
	*	5290	91.97	-	-	81.87	32.92	10.81	33.63	100	239	A	V
		5350.56	53.88	-20.12	74	43.55	33	10.96	33.63	100	239	P	V
		5350.08	44.39	-9.61	54	34.06	33	10.96	33.63	100	239	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5064.94	52.14	-21.86	74	42.05	33.2	10.54	33.65	100	239	P	H
		5074.8	41.68	-12.32	54	31.59	33.2	10.54	33.65	100	239	A	H
	*	5260	109.24	-	-	99.15	32.98	10.74	33.63	100	239	P	H
	*	5260	99.97	-	-	89.88	32.98	10.74	33.63	100	239	A	H
802.11ax		5388.24	50.9	-23.1	74	40.56	32.92	11.05	33.63	100	239	P	H
HE20 Full		5453.76	40.24	-13.76	54	29.76	32.99	11.11	33.62	100	239	A	H
CH 52		5009.86	51.77	-22.23	74	41.71	33.2	10.51	33.65	100	239	P	V
5260MHz		5071.06	41.58	-12.42	54	31.49	33.2	10.54	33.65	100	239	A	V
	*	5260	108.63	-	-	98.54	32.98	10.74	33.63	100	239	P	V
	*	5260	97.64	-	-	87.55	32.98	10.74	33.63	100	239	A	V
		5432.16	50.44	-23.56	74	40	32.96	11.1	33.62	100	239	P	V
		5458.56	40.18	-13.82	54	29.71	32.98	11.11	33.62	100	239	A	V
		5085.34	51.75	-22.25	74	41.65	33.2	10.54	33.64	100	235	P	H
		5061.54	41.67	-12.33	54	31.59	33.2	10.53	33.65	100	235	A	H
	*	5300	109.76	-	-	99.65	32.9	10.84	33.63	100	235	P	H
	*	5300	99.83	-	-	89.72	32.9	10.84	33.63	100	235	A	H
802.11ax		5429.28	50.73	-23.27	74	40.29	32.96	11.1	33.62	100	235	P	H
HE20 Full		5453.52	40.24	-13.76	54	29.76	32.99	11.11	33.62	100	235	A	H
CH 60		5017	51.64	-22.36	74	41.57	33.2	10.52	33.65	108	239	P	V
5300MHz		5057.46	41.64	-12.36	54	31.56	33.2	10.53	33.65	108	239	A	V
	*	5300	107.6	-	-	97.49	32.9	10.84	33.63	108	239	P	V
	*	5300	97.53	-	-	87.42	32.9	10.84	33.63	108	239	A	V
		5455.92	52.33	-21.67	74	41.85	32.99	11.11	33.62	108	239	P	V
		5457.6	40.29	-13.71	54	29.82	32.98	11.11	33.62	108	239	A	V

		5046.58	52.58	-21.42	74	42.5	33.2	10.53	33.65	100	236	P	H
		5030.94	41.76	-12.24	54	31.69	33.2	10.52	33.65	100	236	A	H
	*	5320	110.38	-	-	100.19	32.94	10.88	33.63	100	236	P	H
	*	5320	100.52	-	-	90.33	32.94	10.88	33.63	100	236	A	H
802.11ax		5422.08	51.51	-22.49	74	41.1	32.94	11.09	33.62	100	236	P	H
HE20 Full		5415.12	40.47	-13.53	54	30.08	32.93	11.09	33.63	100	236	A	H
CH 64		5065.28	51.57	-22.43	74	41.48	33.2	10.54	33.65	103	226	P	V
5320MHz		5045.22	41.68	-12.32	54	31.6	33.2	10.53	33.65	103	226	A	V
	*	5320	107.63	-	-	97.44	32.94	10.88	33.63	103	226	P	V
	*	5320	97.97	-	-	87.78	32.94	10.88	33.63	103	226	A	V
		5457.12	52.2	-21.8	74	41.72	32.99	11.11	33.62	103	226	P	V
		5456.64	40.42	-13.58	54	29.94	32.99	11.11	33.62	103	226	A	V

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	43.56	-24.64	68.2	47.56	38.74	17.5	60.24	-	-	P	H
		15780	45.39	-28.61	74	47.38	37.54	21.69	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	43.66	-24.54	68.2	47.66	38.74	17.5	60.24	-	-	P	V
5260MHz		15780	45.72	-28.28	74	47.71	37.54	21.69	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	43.96	-30.04	74	47.67	39.1	17.56	60.37	-	-	P	H
		15900	44.87	-29.13	74	46.29	37.7	21.76	60.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	43.9	-30.1	74	47.61	39.1	17.56	60.37	-	-	P	V
5300MHz		15900	44.97	-29.03	74	46.39	37.7	21.76	60.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	45.77	-28.23	74	49.35	39.26	17.6	60.44	-	-	P	H
		15960	45.26	-28.74	74	46.79	37.38	21.8	60.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	45.18	-28.82	74	48.76	39.26	17.6	60.44	-	-	P	V
5320MHz		15960	44.91	-29.09	74	46.44	37.38	21.8	60.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 52 5260MHz		5049.3	52.05	-21.95	74	41.97	33.2	10.53	33.65	100	226	P	H
		5066.98	41.95	-12.05	54	31.86	33.2	10.54	33.65	100	226	A	H
	*	5260	112.85	-	-	102.76	32.98	10.74	33.63	100	226	P	H
	*	5260	106.1	-	-	96.01	32.98	10.74	33.63	100	226	A	H
		5355.36	51.21	-22.79	74	40.88	32.99	10.97	33.63	100	226	P	H
		5356.8	41.87	-12.13	54	31.54	32.99	10.97	33.63	100	226	A	H
		5049.3	51.78	-22.22	74	41.7	33.2	10.53	33.65	100	233	P	V
		5043.52	41.7	-12.3	54	31.62	33.2	10.53	33.65	100	233	A	V
	*	5260	105.38	-	-	95.29	32.98	10.74	33.63	100	233	P	V
	*	5260	98.11	-	-	88.02	32.98	10.74	33.63	100	233	A	V
		5448.24	51.19	-22.81	74	40.7	33	11.11	33.62	100	233	P	V
		5455.2	40.37	-13.63	54	29.89	32.99	11.11	33.62	100	233	A	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	115.61	-	-	105.42	32.94	10.88	33.63	100	241	P	H
	*	5320	107.39	-	-	97.2	32.94	10.88	33.63	100	241	A	H
		5436.8	51.87	-22.13	74	41.42	32.97	11.1	33.62	100	241	P	H
		5424.32	42.1	-11.9	54	31.68	32.95	11.09	33.62	100	241	A	H
													H
													H
	*	5320	108.83	-	-	98.64	32.94	10.88	33.63	100	298	P	V
	*	5320	98.77	-	-	88.58	32.94	10.88	33.63	100	298	A	V
		5448.96	50.88	-23.12	74	40.39	33	11.11	33.62	100	298	P	V
		5424.32	40.57	-13.43	54	30.15	32.95	11.09	33.62	100	298	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	43.48	-24.72	68.2	47.48	38.74	17.5	60.24	-	-	P	H
		15780	45.22	-28.78	74	47.21	37.54	21.69	61.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/4 CH 52 5260MHz													H
													H
		10520	43.93	-24.27	68.2	47.93	38.74	17.5	60.24	-	-	P	V
		15780	45.02	-28.98	74	47.01	37.54	21.69	61.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz		10640	44.8	-29.2	74	48.38	39.26	17.6	60.44	-	-	P	H
		15960	44.64	-29.36	74	46.17	37.38	21.8	60.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	43.7	-30.3	74	47.28	39.26	17.6	60.44	-	-	P	V
		15960	44.36	-29.64	74	45.89	37.38	21.8	60.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	113.05	-	-	102.86	32.94	10.88	33.63	100	237	P	H
	*	5320	104.7	-	-	94.51	32.94	10.88	33.63	100	237	A	H
		5423.04	52.02	-21.98	74	41.6	32.95	11.09	33.62	100	237	P	H
802.11ax		5422.56	41.19	-12.81	54	30.77	32.95	11.09	33.62	100	237	A	H
HE20													H
Partial													H
52/40	*	5320	106.14	-	-	95.95	32.94	10.88	33.63	100	299	P	V
CH 64	*	5320	96.48	-	-	86.29	32.94	10.88	33.63	100	299	A	V
5320MHz		5359.52	51.53	-22.47	74	41.2	32.98	10.98	33.63	100	299	P	V
		5457.44	40.4	-13.6	54	29.92	32.99	11.11	33.62	100	299	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	111.3	-	-	101.11	32.94	10.88	33.63	100	239	P	H
	*	5320	102.19	-	-	92	32.94	10.88	33.63	100	239	A	H
		5420.16	51.85	-22.15	74	41.44	32.94	11.09	33.62	100	239	P	H
802.11ax		5423.36	40.75	-13.25	54	30.33	32.95	11.09	33.62	100	239	A	H
HE20													H
Partial													H
106/54	*	5320	103.89	-	-	93.7	32.94	10.88	33.63	100	299	P	V
CH 64	*	5320	94.01	-	-	83.82	32.94	10.88	33.63	100	299	A	V
5320MHz		5442.24	50.92	-23.08	74	40.46	32.98	11.1	33.62	100	299	P	V
		5459.68	40.34	-13.66	54	29.87	32.98	11.11	33.62	100	299	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5004.08	51.76	-22.24	74	41.7	33.2	10.51	33.65	100	241	P	H
		5061.2	41.68	-12.32	54	31.6	33.2	10.53	33.65	100	241	A	H
	*	5270	105.93	-	-	95.84	32.96	10.76	33.63	100	241	P	H
	*	5270	97.21	-	-	87.12	32.96	10.76	33.63	100	241	A	H
802.11ax		5376	50.67	-23.33	74	40.33	32.95	11.02	33.63	100	241	P	H
HE40 Full		5455.68	40.31	-13.69	54	29.83	32.99	11.11	33.62	100	241	A	H
CH 54		5018.7	52.55	-21.45	74	42.48	33.2	10.52	33.65	100	239	P	V
5270MHz		5055.08	41.61	-12.39	54	31.53	33.2	10.53	33.65	100	239	A	V
	*	5270	102.59	-	-	92.5	32.96	10.76	33.63	100	239	P	V
	*	5270	94.86	-	-	84.77	32.96	10.76	33.63	100	239	A	V
		5458.08	52.08	-21.92	74	41.61	32.98	11.11	33.62	100	239	P	V
		5458.8	40.24	-13.76	54	29.77	32.98	11.11	33.62	100	239	A	V
		5114.24	52.06	-21.94	74	41.94	33.2	10.56	33.64	100	240	P	H
		5049.3	41.68	-12.32	54	31.6	33.2	10.53	33.65	100	240	A	H
	*	5310	106.54	-	-	96.39	32.92	10.86	33.63	100	240	P	H
	*	5310	97.02	-	-	86.87	32.92	10.86	33.63	100	240	A	H
802.11ax		5350.08	53.55	-20.45	74	43.22	33	10.96	33.63	100	240	P	H
HE40 Full		5350.32	43.13	-10.87	54	32.8	33	10.96	33.63	100	240	A	H
CH 62		5082.96	51.87	-22.13	74	41.78	33.2	10.54	33.65	107	232	P	V
5310MHz		5070.72	41.57	-12.43	54	31.48	33.2	10.54	33.65	107	232	A	V
	*	5310	102.78	-	-	92.63	32.92	10.86	33.63	107	232	P	V
	*	5310	94.07	-	-	83.92	32.92	10.86	33.63	107	232	A	V
		5351.04	51.72	-22.28	74	41.39	33	10.96	33.63	107	232	P	V
		5353.92	40.88	-13.12	54	30.55	32.99	10.97	33.63	107	232	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	43.92	-24.28	68.2	47.91	38.78	17.51	60.28	-	-	P	H
		15810	45.66	-28.34	74	47.59	37.5	21.71	61.14	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	44.15	-24.05	68.2	48.14	38.78	17.51	60.28	-	-	P	V
5270MHz		15810	44.66	-29.34	74	46.59	37.5	21.71	61.14	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	45.49	-28.51	74	49.14	39.18	17.58	60.41	-	-	P	H
		15930	46.34	-27.66	74	47.84	37.52	21.78	60.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	46	-28	74	49.65	39.18	17.58	60.41	-	-	P	V
5310MHz		15930	45.9	-28.1	74	47.4	37.52	21.78	60.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5053.4	51.84	-22.16	74	41.76	33.2	10.53	33.65	105	222	P	H
		5074.7	41.91	-12.09	54	31.82	33.2	10.54	33.65	105	222	A	H
	*	5290	104.75	-	-	94.65	32.92	10.81	33.63	105	222	P	H
	*	5290	95.94	-	-	85.84	32.92	10.81	33.63	105	222	A	H
		5357.28	54.44	-19.56	74	44.1	32.99	10.98	33.63	105	222	P	H
		5357.04	45.18	-8.82	54	34.85	32.99	10.97	33.63	105	222	A	H
		5140.4	51.9	-22.1	74	41.77	33.2	10.57	33.64	113	251	P	V
		5072.9	41.71	-12.29	54	31.62	33.2	10.54	33.65	113	251	A	V
	*	5290	101.28	-	-	91.18	32.92	10.81	33.63	113	251	P	V
	*	5290	93.68	-	-	83.58	32.92	10.81	33.63	113	251	A	V
		5353.68	55.07	-18.93	74	44.74	32.99	10.97	33.63	113	251	P	V
		5352.96	45.64	-8.36	54	35.32	32.99	10.96	33.63	113	251	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	45.53	-22.67	68.2	49.34	38.98	17.55	60.34	-	-	P	H
		15870	46.46	-27.54	74	48.1	37.58	21.75	60.97	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	44.57	-23.63	68.2	48.38	38.98	17.55	60.34	-	-	P	V
5290MHz		15870	45.73	-28.27	74	47.37	37.58	21.75	60.97	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5407.6	51.84	-22.16	74	41.47	32.92	11.08	33.63	100	252	P	H
		5469.84	49.63	-18.57	68.2	39.17	32.96	11.12	33.62	100	252	P	H
		5445.52	42.53	-11.47	54	32.05	32.99	11.11	33.62	100	252	A	H
	*	5500	107.53	-	-	97.11	32.9	11.14	33.62	100	252	P	H
	*	5500	101.65	-	-	91.23	32.9	11.14	33.62	100	252	A	H
													H
		5440.72	50.5	-23.5	74	40.04	32.98	11.1	33.62	295	214	P	V
		5462.48	50.47	-17.73	68.2	40	32.98	11.11	33.62	295	214	P	V
		5446.32	42.44	-11.56	54	31.96	32.99	11.11	33.62	295	214	A	V
	*	5500	105.65	-	-	95.23	32.9	11.14	33.62	295	214	P	V
	*	5500	99.96	-	-	89.54	32.9	11.14	33.62	295	214	A	V
													V
802.11a CH 116 5580MHz		5380.24	50.94	-23.06	74	40.6	32.94	11.03	33.63	100	252	P	H
		5467.12	50.16	-18.04	68.2	39.69	32.97	11.12	33.62	100	252	P	H
		5425.84	42.78	-11.22	54	32.36	32.95	11.09	33.62	100	252	A	H
	*	5580	110.05	-	-	99.54	32.96	11.18	33.63	100	252	P	H
	*	5580	103.29	-	-	92.78	32.96	11.18	33.63	100	252	A	H
		5755.55	51.86	-16.34	68.2	40.45	33.72	11.33	33.64	100	252	P	H
		5409.76	50.83	-23.17	74	40.45	32.92	11.09	33.63	212	233	P	V
		5468.08	50.38	-17.82	68.2	39.92	32.96	11.12	33.62	212	233	P	V
		5452.48	42.47	-11.53	54	31.98	33	11.11	33.62	212	233	A	V
	*	5580	108.63	-	-	98.12	32.96	11.18	33.63	212	233	P	V
	*	5580	101.74	-	-	91.23	32.96	11.18	33.63	212	233	A	V
		5745.155	51.82	-16.38	68.2	40.46	33.68	11.32	33.64	212	233	P	V

802.11a CH 140 5700MHz	*	5700	107.57	-	-	96.43	33.5	11.28	33.64	100	247	P	H
	*	5700	101.12	-	-	89.98	33.5	11.28	33.64	100	247	A	H
		5735.8	52.94	-15.26	68.2	41.63	33.64	11.31	33.64	100	247	P	H
													H
													H
													H
	*	5700	105.68	-	-	94.54	33.5	11.28	33.64	206	215	P	V
	*	5700	99.02	-	-	87.88	33.5	11.28	33.64	206	215	A	V
		5733.48	52.29	-15.91	68.2	40.99	33.63	11.31	33.64	206	215	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	46.47	-27.53	74	50.69	38.9	17.91	61.03	-	-	P	H
		16500	46.65	-21.55	68.2	45.58	38.4	22.34	59.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 100 5500MHz													H
		11000	46.07	-27.93	74	50.29	38.9	17.91	61.03	-	-	P	V
		16500	46.09	-22.11	68.2	45.02	38.4	22.34	59.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	46.46	-27.54	74	50.65	38.9	18.01	61.1	-	-	P	H
		16740	47.43	-20.77	68.2	45.86	38.14	22.6	59.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	46.25	-27.75	74	50.44	38.9	18.01	61.1	-	-	P	V
		16740	46.17	-22.03	68.2	44.6	38.14	22.6	59.17	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	45.44	-28.56	74	49.39	39.1	18.16	61.21	-	-	P	H
		17100	46.55	-21.65	68.2	43.94	38	22.92	58.31	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	46.2	-27.8	74	50.15	39.1	18.16	61.21	-	-	P	V
		17100	46.1	-22.1	68.2	43.49	38	22.92	58.31	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5377.2	51.76	-22.24	74	41.42	32.95	11.02	33.63	100	257	P	H
		5462.32	51.45	-16.75	68.2	40.98	32.98	11.11	33.62	100	257	P	H
		5402.32	40.88	-13.12	54	30.53	32.9	11.08	33.63	100	257	A	H
	*	5500	108.45	-	-	98.03	32.9	11.14	33.62	100	257	P	H
802.11n	*	5500	102	-	-	91.58	32.9	11.14	33.62	100	257	A	H
HT20													H
CH 100		5362	51.6	-22.4	74	41.26	32.98	10.99	33.63	100	293	P	V
5500MHz		5469.68	50.93	-17.27	68.2	40.47	32.96	11.12	33.62	100	293	P	V
		5459.28	40.72	-13.28	54	30.25	32.98	11.11	33.62	100	293	A	V
	*	5500	105.45	-	-	95.03	32.9	11.14	33.62	100	293	P	V
	*	5500	99.13	-	-	88.71	32.9	11.14	33.62	100	293	A	V
													V
	*	5700	108.55	-	-	97.41	33.5	11.28	33.64	100	239	P	H
	*	5700	100.95	-	-	89.81	33.5	11.28	33.64	100	239	A	H
		5759.96	52.86	-15.34	68.2	41.43	33.74	11.33	33.64	100	239	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	106.66	-	-	95.52	33.5	11.28	33.64	103	295	P	V
5700MHz	*	5700	99.83	-	-	88.69	33.5	11.28	33.64	103	295	A	V
		5735.08	53.37	-14.83	68.2	42.06	33.64	11.31	33.64	103	295	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	46.79	-27.21	74	50.98	38.9	18.01	61.1	-	-	P	H
		16740	46.34	-21.86	68.2	44.77	38.14	22.6	59.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 116		11160	47.18	-26.82	74	51.37	38.9	18.01	61.1	-	-	P	V
5580MHz		16740	46.18	-22.02	68.2	44.61	38.14	22.6	59.17	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5409.15	51.41	-22.59	74	41.03	32.92	11.09	33.63	100	240	P	H
		5465.15	50.26	-17.94	68.2	39.79	32.97	11.12	33.62	100	240	P	H
		5458.85	40.79	-13.21	54	30.32	32.98	11.11	33.62	100	240	A	H
	*	5670	104.56	-	-	93.68	33.26	11.25	33.63	100	240	P	H
	*	5670	98.15	-	-	87.27	33.26	11.25	33.63	100	240	A	H
		5726.5	52.4	-15.8	68.2	41.13	33.61	11.3	33.64	100	240	P	H
		5367.85	49.94	-24.06	74	39.61	32.96	11	33.63	100	298	P	V
		5463.4	50.01	-18.19	68.2	39.55	32.97	11.11	33.62	100	298	P	V
		5458.15	40.65	-13.35	54	30.18	32.98	11.11	33.62	100	298	A	V
	*	5670	105.4	-	-	94.52	33.26	11.25	33.63	100	298	P	V
	*	5670	97.44	-	-	86.56	33.26	11.25	33.63	100	298	A	V
		5757.125	52.07	-16.13	68.2	40.65	33.73	11.33	33.64	100	298	P	V
802.11n HT40 CH 134 5670MHz		5409.15	51.41	-22.59	74	41.03	32.92	11.09	33.63	100	240	P	H
		5465.15	50.26	-17.94	68.2	39.79	32.97	11.12	33.62	100	240	P	H
		5458.85	40.79	-13.21	54	30.32	32.98	11.11	33.62	100	240	A	H
	*	5670	104.56	-	-	93.68	33.26	11.25	33.63	100	240	P	H
	*	5670	98.15	-	-	87.27	33.26	11.25	33.63	100	240	A	H
		5726.5	52.4	-15.8	68.2	41.13	33.61	11.3	33.64	100	240	P	H
		5367.85	49.94	-24.06	74	39.61	32.96	11	33.63	100	298	P	V
		5463.4	50.01	-18.19	68.2	39.55	32.97	11.11	33.62	100	298	P	V
		5458.15	40.65	-13.35	54	30.18	32.98	11.11	33.62	100	298	A	V
	*	5670	105.4	-	-	94.52	33.26	11.25	33.63	100	298	P	V
	*	5670	97.44	-	-	86.56	33.26	11.25	33.63	100	298	A	V
		5757.125	52.07	-16.13	68.2	40.65	33.73	11.33	33.64	100	298	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 VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5403.12	52.58	-21.42	74	42.22	32.91	11.08	33.63	100	254	P	H
		5470	50.83	-17.37	68.2	40.37	32.96	11.12	33.62	100	254	P	H
		5402.48	41.02	-12.98	54	30.67	32.9	11.08	33.63	100	254	A	H
	*	5500	108.92	-	-	98.5	32.9	11.14	33.62	100	254	P	H
802.11ac	*	5500	102.24	-	-	91.82	32.9	11.14	33.62	100	254	A	H
VHT20													H
CH 100		5399.28	51.3	-22.7	74	40.95	32.9	11.08	33.63	300	209	P	V
5500MHz		5464.24	51.51	-16.69	68.2	41.04	32.97	11.12	33.62	300	209	P	V
		5459.12	40.89	-13.11	54	30.42	32.98	11.11	33.62	300	209	A	V
	*	5500	106.9	-	-	96.48	32.9	11.14	33.62	300	209	P	V
	*	5500	100.04	-	-	89.62	32.9	11.14	33.62	300	209	A	V
													V
	*	5700	107.98	-	-	96.84	33.5	11.28	33.64	100	238	P	H
	*	5700	100.94	-	-	89.8	33.5	11.28	33.64	100	238	A	H
		5730.92	53.55	-14.65	68.2	42.26	33.62	11.31	33.64	100	238	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	107.15	-	-	96.01	33.5	11.28	33.64	100	296	P	V
5700MHz	*	5700	100.07	-	-	88.93	33.5	11.28	33.64	100	296	A	V
		5760.12	53.42	-14.78	68.2	41.99	33.74	11.33	33.64	100	296	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	46.9	-27.1	74	51.09	38.9	18.01	61.1	-	-	P	H
		16740	46.72	-21.48	68.2	45.15	38.14	22.6	59.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT20													H
CH 116		11160	46.74	-27.26	74	50.93	38.9	18.01	61.1	-	-	P	V
5580MHz		16740	46.27	-21.93	68.2	44.7	38.14	22.6	59.17	-	-	P	V
													V
													V
													V
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													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5364.4	50.69	-23.31	74	40.36	32.97	10.99	33.63	100	254	P	H
		5467.6	54.05	-14.15	68.2	43.59	32.96	11.12	33.62	100	254	P	H
		5458.96	40.9	-13.1	54	30.43	32.98	11.11	33.62	100	254	A	H
	*	5510	105.79	-	-	95.37	32.9	11.14	33.62	100	254	P	H
802.11ac	*	5510	99.1	-	-	88.68	32.9	11.14	33.62	100	254	A	H
VHT40		5748.305	52.38	-15.82	68.2	41.01	33.69	11.32	33.64	100	254	P	H
CH 102		5459.92	50.94	-23.06	74	40.47	32.98	11.11	33.62	100	291	P	V
5510MHz		5460.64	50.92	-17.28	68.2	40.45	32.98	11.11	33.62	100	291	P	V
		5459.92	40.54	-13.46	54	30.07	32.98	11.11	33.62	100	291	A	V
	*	5510	102.54	-	-	92.12	32.9	11.14	33.62	100	291	P	V
	*	5510	94.93	-	-	84.51	32.9	11.14	33.62	100	291	A	V
		5759.96	51.68	-16.52	68.2	40.25	33.74	11.33	33.64	100	291	P	V
		5362.25	50.36	-23.64	74	40.02	32.98	10.99	33.63	100	253	P	H
		5464.1	49.34	-18.86	68.2	38.87	32.97	11.12	33.62	100	253	P	H
		5456.75	40.45	-13.55	54	29.97	32.99	11.11	33.62	100	253	A	H
	*	5670	104.8	-	-	93.92	33.26	11.25	33.63	100	253	P	H
802.11ac	*	5670	98.08	-	-	87.2	33.26	11.25	33.63	100	253	A	H
VHT40		5727.375	52.27	-15.93	68.2	41	33.61	11.3	33.64	100	253	P	H
CH 134		5431.9	50.92	-23.08	74	40.48	32.96	11.1	33.62	100	297	P	V
5670MHz		5470	49.24	-18.96	68.2	38.78	32.96	11.12	33.62	100	297	P	V
		5456.75	40.37	-13.63	54	29.89	32.99	11.11	33.62	100	297	A	V
	*	5670	105.34	-	-	94.46	33.26	11.25	33.63	100	297	P	V
	*	5670	97.46	-	-	86.58	33.26	11.25	33.63	100	297	A	V
		5759.75	52.48	-15.72	68.2	41.05	33.74	11.33	33.64	100	297	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 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5458	52.28	-21.72	74	41.81	32.98	11.11	33.62	100	251	P	H
		5470	53.34	-14.86	68.2	42.88	32.96	11.12	33.62	100	251	P	H
		5459.44	42.69	-11.31	54	32.22	32.98	11.11	33.62	100	251	A	H
	*	5530	102.21	-	-	91.78	32.9	11.15	33.62	100	251	P	H
	*	5530	94.86	-	-	84.43	32.9	11.15	33.62	100	251	A	H
		5745.47	52.06	-16.14	68.2	40.7	33.68	11.32	33.64	100	251	P	H
		5444.08	50.89	-23.11	74	40.42	32.99	11.1	33.62	100	301	P	V
		5464	51.78	-16.42	68.2	41.31	32.97	11.12	33.62	100	301	P	V
		5452.72	40.96	-13.04	54	30.48	32.99	11.11	33.62	100	301	A	V
	*	5530	99.58	-	-	89.15	32.9	11.15	33.62	100	301	P	V
	*	5530	92.86	-	-	82.43	32.9	11.15	33.62	100	301	A	V
		5753.03	52.51	-15.69	68.2	41.11	33.71	11.33	33.64	100	301	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 HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5411.76	51.37	-22.63	74	40.99	32.92	11.09	33.63	100	252	P	H
		5466	51.58	-16.62	68.2	41.11	32.97	11.12	33.62	100	252	P	H
		5458.16	40.81	-13.19	54	30.34	32.98	11.11	33.62	100	252	A	H
	*	5500	109.44	-	-	99.02	32.9	11.14	33.62	100	252	P	H
802.11ax	*	5500	101.98	-	-	91.56	32.9	11.14	33.62	100	252	A	H
HE20 Full		5427.12	51.49	-22.51	74	41.07	32.95	11.09	33.62	294	210	P	V
CH 100		5467.28	50.76	-17.44	68.2	40.29	32.97	11.12	33.62	294	210	P	V
5500MHz		5458.64	40.74	-13.26	54	30.27	32.98	11.11	33.62	294	210	A	V
	*	5500	109.15	-	-	98.73	32.9	11.14	33.62	294	210	P	V
	*	5500	100.46	-	-	90.04	32.9	11.14	33.62	294	210	A	V
													V
													V
		5444.56	51.04	-22.96	74	40.57	32.99	11.1	33.62	100	243	P	H
		5469.04	50.15	-18.05	68.2	39.69	32.96	11.12	33.62	100	243	P	H
		5458.96	40.73	-13.27	54	30.26	32.98	11.11	33.62	100	243	A	H
	*	5580	111.14	-	-	100.63	32.96	11.18	33.63	100	243	P	H
802.11ax	*	5580	102.23	-	-	91.72	32.96	11.18	33.63	100	243	A	H
HE20 Full		5759.645	51.83	-16.37	68.2	40.4	33.74	11.33	33.64	100	243	P	H
CH 116		5458.72	51.14	-22.86	74	40.67	32.98	11.11	33.62	190	208	P	V
5580MHz		5467.6	50.26	-17.94	68.2	39.8	32.96	11.12	33.62	190	208	P	V
		5458.96	40.65	-13.35	54	30.18	32.98	11.11	33.62	190	208	A	V
	*	5580	107.65	-	-	97.14	32.96	11.18	33.63	190	208	P	V
	*	5580	100.11	-	-	89.6	32.96	11.18	33.63	190	208	A	V
		5727.83	52.18	-16.02	68.2	40.9	33.61	11.31	33.64	190	208	P	V

	*	5700	109.53	-	-	98.39	33.5	11.28	33.64	100	238	P	H
	*	5700	100.93	-	-	89.79	33.5	11.28	33.64	100	238	A	H
		5725	54.4	-13.8	68.2	43.14	33.6	11.3	33.64	100	238	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	106.57	-	-	95.43	33.5	11.28	33.64	198	203	P	V
5700MHz	*	5700	98.41	-	-	87.27	33.5	11.28	33.64	198	203	A	V
		5727.16	52.58	-15.62	68.2	41.31	33.61	11.3	33.64	198	203	P	V
													V
													V
													V

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	46.8	-27.2	74	51.02	38.9	17.91	61.03	-	-	P	H
		16500	46.35	-21.85	68.2	45.28	38.4	22.34	59.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	45.48	-28.52	74	49.7	38.9	17.91	61.03	-	-	P	V
5500MHz		16500	45.96	-22.24	68.2	44.89	38.4	22.34	59.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	47.03	-26.97	74	51.22	38.9	18.01	61.1	-	-	P	H
		16740	47.07	-21.13	68.2	45.5	38.14	22.6	59.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	46.7	-27.3	74	50.89	38.9	18.01	61.1	-	-	P	V
5580MHz		16740	45.89	-22.31	68.2	44.32	38.14	22.6	59.17	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	45.74	-28.26	74	49.69	39.1	18.16	61.21	-	-	P	H
		17100	46.94	-21.26	68.2	44.33	38	22.92	58.31	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	45.77	-28.23	74	49.72	39.1	18.16	61.21	-	-	P	V
5700MHz		17100	45.94	-22.26	68.2	43.33	38	22.92	58.31	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5395.44	52.11	-21.89	74	41.76	32.91	11.07	33.63	100	241	P	H
		5463.28	50.73	-17.47	68.2	40.27	32.97	11.11	33.62	100	241	P	H
		5395.6	43.08	-10.92	54	32.73	32.91	11.07	33.63	100	241	A	H
	*	5500	116.34	-	-	105.92	32.9	11.14	33.62	100	241	P	H
	*	5500	109.37	-	-	98.95	32.9	11.14	33.62	100	241	A	H
													H
		5395.28	51.27	-22.73	74	40.92	32.91	11.07	33.63	221	235	P	V
		5469.84	51.49	-16.71	68.2	41.03	32.96	11.12	33.62	221	235	P	V
		5395.76	41.53	-12.47	54	31.18	32.91	11.07	33.63	221	235	A	V
	*	5500	115.08	-	-	104.66	32.9	11.14	33.62	221	235	P	V
	*	5500	107.58	-	-	97.16	32.9	11.14	33.62	221	235	A	V
													V
802.11ax HE20 Partial 26/4 CH 116 5580MHz		5435.92	52.32	-21.68	74	41.87	32.97	11.1	33.62	100	249	P	H
		5461.84	50.71	-17.49	68.2	40.24	32.98	11.11	33.62	100	249	P	H
		5436.88	40.88	-13.12	54	30.43	32.97	11.1	33.62	100	249	A	H
	*	5580	115.59	-	-	105.08	32.96	11.18	33.63	100	249	P	H
	*	5580	108.7	-	-	98.19	32.96	11.18	33.63	100	249	A	H
		5749.25	52.05	-16.15	68.2	40.67	33.7	11.32	33.64	100	249	P	H
		5434.96	51.07	-22.93	74	40.62	32.97	11.1	33.62	217	245	P	V
		5462.08	51.58	-16.62	68.2	41.11	32.98	11.11	33.62	217	245	P	V
		5436.64	40.73	-13.27	54	30.28	32.97	11.1	33.62	217	245	A	V
	*	5580	113.84	-	-	103.33	32.96	11.18	33.63	217	245	P	V
	*	5580	107.93	-	-	97.42	32.96	11.18	33.63	217	245	A	V
		5759.645	52.34	-15.86	68.2	40.91	33.74	11.33	33.64	217	245	P	V

802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	115.39	-	-	104.25	33.5	11.28	33.64	100	239	P	H
	*	5700	107.99	-	-	96.85	33.5	11.28	33.64	100	239	A	H
		5727.96	57.33	-10.87	68.2	46.05	33.61	11.31	33.64	100	239	P	H
													H
													H
													H
	*	5700	113.59	-	-	102.45	33.5	11.28	33.64	212	235	P	V
	*	5700	106.39	-	-	95.25	33.5	11.28	33.64	212	235	A	V
		5732.04	52.95	-15.25	68.2	41.65	33.63	11.31	33.64	212	235	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	46.56	-27.44	74	50.78	38.9	17.91	61.03	-	-	P	H
		16500	45.71	-22.49	68.2	44.64	38.4	22.34	59.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/0 CH 100 5500MHz													H
													H
		11000	45.94	-28.06	74	50.16	38.9	17.91	61.03	-	-	P	V
		16500	46.5	-21.7	68.2	45.43	38.4	22.34	59.67	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	46.98	-27.02	74	51.17	38.9	18.01	61.1	-	-	P	H
		16740	46.55	-21.65	68.2	44.98	38.14	22.6	59.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/4 CH 116 5580MHz													H
		11160	46.18	-27.82	74	50.37	38.9	18.01	61.1	-	-	P	V
		16740	46.08	-22.12	68.2	44.51	38.14	22.6	59.17	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 140 5700MHz		11400	46.86	-27.14	74	50.81	39.1	18.16	61.21	-	-	P	H
		17100	45.57	-22.63	68.2	42.96	38	22.92	58.31	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	47.04	-26.96	74	50.99	39.1	18.16	61.21	-	-	P	V
		17100	46.07	-22.13	68.2	43.46	38	22.92	58.31	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5394.96	51.95	-22.05	74	41.6	32.91	11.07	33.63	100	244	P	H
		5468.24	51.06	-17.14	68.2	40.6	32.96	11.12	33.62	100	244	P	H
		5395.6	42.59	-11.41	54	32.24	32.91	11.07	33.63	100	244	A	H
802.11ax	*	5500	115.41	-	-	104.99	32.9	11.14	33.62	100	244	P	H
HE20	*	5500	108.92	-	-	98.5	32.9	11.14	33.62	100	244	A	H
Partial													H
52/37		5395.76	52.88	-21.12	74	42.53	32.91	11.07	33.63	221	251	P	V
CH 100		5462.16	51.48	-16.72	68.2	41.01	32.98	11.11	33.62	221	251	P	V
5500MHz		5395.92	41.58	-12.42	54	31.23	32.91	11.07	33.63	221	251	A	V
	*	5500	113.98	-	-	103.56	32.9	11.14	33.62	221	251	P	V
	*	5500	107.3	-	-	96.88	32.9	11.14	33.62	221	251	A	V
													V
	*	5700	113.11	-	-	101.97	33.5	11.28	33.64	100	246	P	H
	*	5700	105.65	-	-	94.51	33.5	11.28	33.64	100	246	A	H
		5725.88	60.58	-7.62	68.2	49.32	33.6	11.3	33.64	100	246	P	H
802.11ax													H
HE20													H
Partial													H
52/40	*	5700	112.38	-	-	101.24	33.5	11.28	33.64	209	236	P	V
CH 140	*	5700	104.08	-	-	92.94	33.5	11.28	33.64	209	236	A	V
5700MHz		5760.28	53.65	-14.55	68.2	42.22	33.74	11.33	33.64	209	236	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5412.4	51.73	-22.27	74	41.35	32.92	11.09	33.63	100	239	P	H
		5464.24	51.36	-16.84	68.2	40.89	32.97	11.12	33.62	100	239	P	H
		5400.88	41.27	-12.73	54	30.92	32.9	11.08	33.63	100	239	A	H
802.11ax	*	5500	111.83	-	-	101.41	32.9	11.14	33.62	100	239	P	H
HE20	*	5500	103.86	-	-	93.44	32.9	11.14	33.62	100	239	A	H
Partial													H
106/53		5457.84	51.49	-22.51	74	41.02	32.98	11.11	33.62	218	235	P	V
CH 100		5464.24	50.37	-17.83	68.2	39.9	32.97	11.12	33.62	218	235	P	V
5500MHz		5400.88	40.73	-13.27	54	30.38	32.9	11.08	33.63	218	235	A	V
	*	5500	111	-	-	100.58	32.9	11.14	33.62	218	235	P	V
	*	5500	103.02	-	-	92.6	32.9	11.14	33.62	218	235	A	V
													V
	*	5700	110.2	-	-	99.06	33.5	11.28	33.64	100	238	P	H
	*	5700	103.33	-	-	92.19	33.5	11.28	33.64	100	238	A	H
		5725	63.9	-4.3	68.2	52.64	33.6	11.3	33.64	100	238	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	109.68	-	-	98.54	33.5	11.28	33.64	196	230	P	V
CH 140	*	5700	102.13	-	-	90.99	33.5	11.28	33.64	196	230	A	V
5700MHz		5759.88	52.88	-15.32	68.2	41.45	33.74	11.33	33.64	196	230	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5427.76	51.07	-22.93	74	40.63	32.96	11.1	33.62	100	254	P	H
		5467.6	56.68	-11.52	68.2	46.22	32.96	11.12	33.62	100	254	P	H
		5458.96	41.49	-12.51	54	31.02	32.98	11.11	33.62	100	254	A	H
	*	5510	107.34	-	-	96.92	32.9	11.14	33.62	100	254	P	H
802.11ax	*	5510	99.37	-	-	88.95	32.9	11.14	33.62	100	254	A	H
HE40 Full		5759.96	51.81	-16.39	68.2	40.38	33.74	11.33	33.64	100	254	P	H
CH 102		5421.76	51.7	-22.3	74	41.29	32.94	11.09	33.62	284	211	P	V
5510MHz		5463.52	51.62	-16.58	68.2	41.16	32.97	11.11	33.62	284	211	P	V
		5458.72	41.02	-12.98	54	30.55	32.98	11.11	33.62	284	211	A	V
	*	5510	104.66	-	-	94.24	32.9	11.14	33.62	284	211	P	V
	*	5510	97.22	-	-	86.8	32.9	11.14	33.62	284	211	A	V
		5759.96	52.67	-15.53	68.2	41.24	33.74	11.33	33.64	284	211	P	V
		5444.56	51.47	-22.53	74	41	32.99	11.1	33.62	100	251	P	H
		5464	51.1	-17.1	68.2	40.63	32.97	11.12	33.62	100	251	P	H
		5452	41.14	-12.86	54	30.65	33	11.11	33.62	100	251	A	H
	*	5550	107.77	-	-	97.33	32.9	11.16	33.62	100	251	P	H
802.11ax	*	5550	100.08	-	-	89.64	32.9	11.16	33.62	100	251	A	H
HE40 Full		5727.83	52.21	-15.99	68.2	40.93	33.61	11.31	33.64	100	251	P	H
CH 110		5452.96	51.16	-22.84	74	40.68	32.99	11.11	33.62	191	209	P	V
5550MHz		5469.76	51.32	-16.88	68.2	40.86	32.96	11.12	33.62	191	209	P	V
		5456.8	40.92	-13.08	54	30.44	32.99	11.11	33.62	191	209	A	V
	*	5550	105.3	-	-	94.86	32.9	11.16	33.62	191	209	P	V
	*	5550	97.66	-	-	87.22	32.9	11.16	33.62	191	209	A	V
		5759.96	51.97	-16.23	68.2	40.54	33.74	11.33	33.64	191	209	P	V

		5410.2	50.55	-23.45	74	40.17	32.92	11.09	33.63	100	245	P	H
		5466.9	50.74	-17.46	68.2	40.27	32.97	11.12	33.62	100	245	P	H
		5457.8	40.86	-13.14	54	30.39	32.98	11.11	33.62	100	245	A	H
	*	5670	107.19	-	-	96.31	33.26	11.25	33.63	100	245	P	H
802.11ax	*	5670	98.2	-	-	87.32	33.26	11.25	33.63	100	245	A	H
HE40 Full		5729.125	52.42	-15.78	68.2	41.13	33.62	11.31	33.64	100	245	P	H
CH 134		5435.75	51.01	-22.99	74	40.56	32.97	11.1	33.62	188	235	P	V
5670MHz		5465.15	51.73	-16.47	68.2	41.26	32.97	11.12	33.62	188	235	P	V
		5455.7	40.74	-13.26	54	30.26	32.99	11.11	33.62	188	235	A	V
	*	5670	105.19	-	-	94.31	33.26	11.25	33.63	188	235	P	V
	*	5670	96.93	-	-	86.05	33.26	11.25	33.63	188	235	A	V
		5742.95	51.98	-16.22	68.2	40.63	33.67	11.32	33.64	188	235	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	45.54	-28.46	74	49.84	38.82	17.92	61.04	-	-	P	H
		16530	46.84	-21.36	68.2	45.86	38.22	22.37	59.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	45.65	-28.35	74	49.95	38.82	17.92	61.04	-	-	P	V
5510MHz		16530	45.7	-22.5	68.2	44.72	38.22	22.37	59.61	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	45.61	-28.39	74	50.02	38.7	17.97	61.08	-	-	P	H
		16650	45.4	-22.8	68.2	43.96	38.3	22.5	59.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	44.76	-29.24	74	49.17	38.7	17.97	61.08	-	-	P	V
5550MHz		16650	46.5	-21.7	68.2	45.06	38.3	22.5	59.36	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11340	46.89	-27.11	74	50.86	39.1	18.12	61.19	-	-	P	H
		17010	46.94	-21.26	68.2	44.7	37.96	22.88	58.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	45.1	-28.9	74	49.07	39.1	18.12	61.19	-	-	P	V
5670MHz		17010	45.47	-22.73	68.2	43.23	37.96	22.88	58.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5456.32	56.26	-17.74	74	45.78	32.99	11.11	33.62	100	254	P	H
		5469.76	55.99	-12.21	68.2	45.53	32.96	11.12	33.62	100	254	P	H
		5459.92	44.91	-9.09	54	34.44	32.98	11.11	33.62	100	254	A	H
	*	5530	105.24	-	-	94.81	32.9	11.15	33.62	100	254	P	H
	*	5530	96.72	-	-	86.29	32.9	11.15	33.62	100	254	A	H
		5754.92	52.01	-16.19	68.2	40.6	33.72	11.33	33.64	100	254	P	H
		5444.56	51.19	-22.81	74	40.72	32.99	11.1	33.62	194	228	P	V
		5460.88	50.91	-17.29	68.2	40.44	32.98	11.11	33.62	194	228	P	V
		5459.92	41.79	-12.21	54	31.32	32.98	11.11	33.62	194	228	A	V
	*	5530	102.21	-	-	91.78	32.9	11.15	33.62	194	228	P	V
	*	5530	94.79	-	-	84.36	32.9	11.15	33.62	194	228	A	V
		5760.275	52.1	-16.1	68.2	40.67	33.74	11.33	33.64	194	228	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	45.7	-28.3	74	50.11	38.7	17.95	61.06	-	-	P	H
		16590	44.62	-23.58	68.2	43.56	38.1	22.44	59.48	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	44.99	-29.01	74	49.4	38.7	17.95	61.06	-	-	P	V
5530MHz		16590	45.78	-22.42	68.2	44.72	38.1	22.44	59.48	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission above 18GHz

WIFI 802.11ax HE80 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full SHF		38936	50.86	-23.14	74	39.3	44.21	24.19	56.84	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		35282	52.13	-16.07	68.2	45.6	41.88	23.42	58.77	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full LF		33.24	30.34	-9.66	40	38.84	22.66	1.02	32.18	-	-	P	H
		139.62	28	-15.5	43.5	40.93	17.2	2.03	32.16	-	-	P	H
		272.73	26.48	-19.52	46	37.16	18.67	2.67	32.02	-	-	P	H
		561.1	26.16	-19.84	46	28.24	26.13	3.77	31.98	-	-	P	H
		843.9	30.49	-15.51	46	28.8	28.77	4.56	31.64	-	-	P	H
		866.3	31.07	-14.93	46	28.85	29.13	4.57	31.48	-	-	P	H
													H
													H
													H
													H
													H
													H
		32.43	20.34	-19.66	40	28.48	23.01	1.02	32.17	100	156	Q	V
		43.23	24.81	-15.19	40	38.08	17.77	1.19	32.23	100	176	Q	V
		88.05	27.89	-15.61	43.5	43.95	14.43	1.65	32.14	-	-	P	V
		558.3	25.78	-20.22	46	27.95	26.03	3.77	31.97	-	-	P	V
		790.7	30.13	-15.87	46	29.27	28.2	4.54	31.88	-	-	P	V
		882.4	30.66	-15.34	46	28.44	29.02	4.57	31.37	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<TXBF Mode>

Band 1 - 5150~5250MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 42 5210MHz		5134.42	53.87	-20.13	74	43.75	33.2	10.56	33.64	100	127	P	H
		5147.42	44.64	-9.36	54	34.51	33.2	10.57	33.64	100	127	A	H
	*	5210	103.37	-	-	93.32	33.08	10.61	33.64	100	127	P	H
	*	5210	94.44	-	-	84.39	33.08	10.61	33.64	100	127	A	H
		5414.24	50.39	-23.61	74	40	32.93	11.09	33.63	100	127	P	H
		5458.96	40.33	-13.67	54	29.86	32.98	11.11	33.62	100	127	A	H
		5036.92	52.55	-21.45	74	42.48	33.2	10.52	33.65	400	101	P	V
		5143.26	42.81	-11.19	54	32.68	33.2	10.57	33.64	400	101	A	V
	*	5210	102.92	-	-	92.87	33.08	10.61	33.64	400	101	P	V
	*	5210	94.21	-	-	84.16	33.08	10.61	33.64	400	101	A	V
		5436.86	50.38	-23.62	74	39.93	32.97	11.1	33.62	400	101	P	V
		5456.88	40.28	-13.72	54	29.8	32.99	11.11	33.62	400	101	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	45.33	-22.87	68.2	49.23	38.8	17.41	60.11	-	-	P	H
		15630	44.89	-29.11	74	47.16	37.76	21.61	61.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	44.57	-23.63	68.2	48.47	38.8	17.41	60.11	-	-	P	V
5210MHz		15630	45.94	-28.06	74	48.21	37.76	21.61	61.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 2 - 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5057.6	51.74	-22.26	74	41.66	33.2	10.53	33.65	250	119	P	H
		5057.3	41.58	-12.42	54	31.5	33.2	10.53	33.65	250	119	A	H
	*	5290	101.92	-	-	91.82	32.92	10.81	33.63	250	119	P	H
	*	5290	93.94	-	-	83.84	32.92	10.81	33.63	250	119	A	H
802.11ac		5359.44	55.78	-18.22	74	45.45	32.98	10.98	33.63	250	119	P	H
VHT80		5358.96	44.67	-9.33	54	34.34	32.98	10.98	33.63	250	119	A	H
CH 58		5044.1	51.57	-22.43	74	41.49	33.2	10.53	33.65	100	118	P	V
5290MHz		5065.1	41.6	-12.4	54	31.51	33.2	10.54	33.65	100	118	A	V
	*	5290	100.41	-	-	90.31	32.92	10.81	33.63	100	118	P	V
	*	5290	92.06	-	-	81.96	32.92	10.81	33.63	100	118	A	V
		5354.64	53.18	-20.82	74	42.85	32.99	10.97	33.63	100	118	P	V
		5355.12	43.84	-10.16	54	33.51	32.99	10.97	33.63	100	118	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	44.56	-23.64	68.2	48.37	38.98	17.55	60.34	-	-	P	H
		15870	46.08	-27.92	74	47.72	37.58	21.75	60.97	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	43.75	-24.45	68.2	47.56	38.98	17.55	60.34	-	-	P	V
5290MHz		15870	44.95	-29.05	74	46.59	37.58	21.75	60.97	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	46.65	-27.35	74	50.84	38.9	18.01	61.1	-	-	P	H
		16740	46.01	-22.19	68.2	44.44	38.14	22.6	59.17	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	46.19	-27.81	74	50.38	38.9	18.01	61.1	-	-	P	V
5580MHz		16740	46.32	-21.88	68.2	44.75	38.14	22.6	59.17	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5700	110.49	-	-	99.35	33.5	11.28	33.64	100	241	P	H
	*	5700	102.97	-	-	91.83	33.5	11.28	33.64	100	241	A	H
		5725	63.3	-4.9	68.2	52.04	33.6	11.3	33.64	100	241	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	108.07	-	-	96.93	33.5	11.28	33.64	100	296	P	V
CH 140	*	5700	99.96	-	-	88.82	33.5	11.28	33.64	100	296	A	V
5700MHz		5725.16	60.24	-7.96	68.2	48.98	33.6	11.3	33.64	100	296	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full SHF		39818	52.33	-21.67	74	40.17	44.4	23.88	56.12	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39006	51.14	-22.86	74	39.65	44.12	24.17	56.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full LF		32.7	32.04	-7.96	40	40.31	22.9	1.01	32.18	-	-	P	H
		63.75	28.62	-11.38	40	47.74	11.73	1.39	32.24	-	-	P	H
		140.7	27.95	-15.55	43.5	40.84	17.24	2.03	32.16	-	-	P	H
		502.3	24.2	-21.8	46	29.11	23.71	3.55	32.17	-	-	P	H
		743.8	28.76	-17.24	46	28.33	27.95	4.34	31.86	-	-	P	H
		888.7	30.83	-15.17	46	28.59	28.98	4.58	31.32	-	-	P	H
													H
													H
													H
													H
													H
													H
		32.43	21.66	-18.34	40	29.8	23.01	1.02	32.17	99	94	Q	V
		88.05	27.74	-15.76	43.5	43.8	14.43	1.65	32.14	-	-	P	V
		232.5	19.55	-26.45	46	32.87	16.29	2.44	32.05	-	-	P	V
		494.6	23.89	-22.11	46	28.88	23.63	3.52	32.14	-	-	P	V
		759.9	29.45	-16.55	46	28.86	28.01	4.41	31.83	-	-	P	V
		949.6	31.5	-14.5	46	26.84	30.55	4.91	30.8	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **Margin** 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	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. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Leve(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54 (dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jack Cheng, Ray Lung and Sky Chang	**Temperature :**	18~26°C
		Relative Humidity :	50~70%

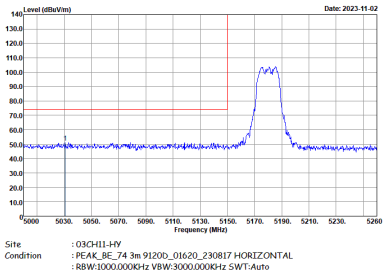
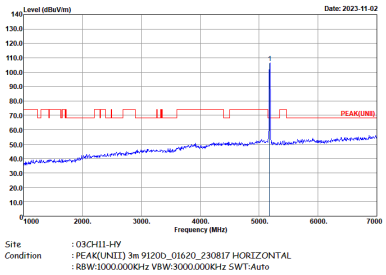
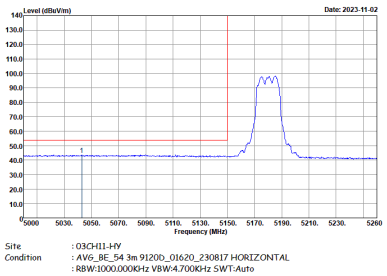
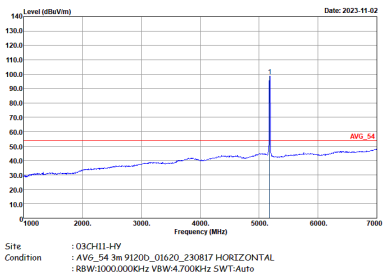
Note symbol

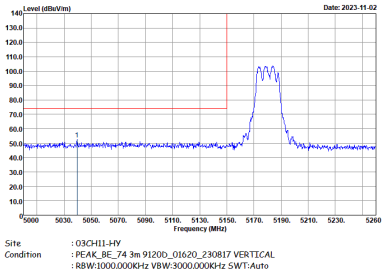
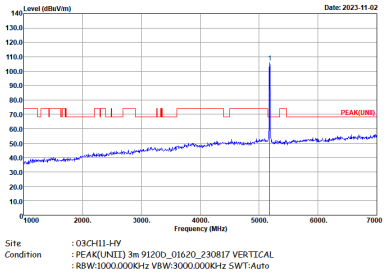
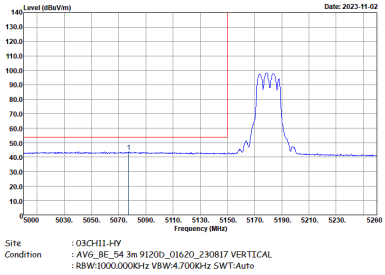
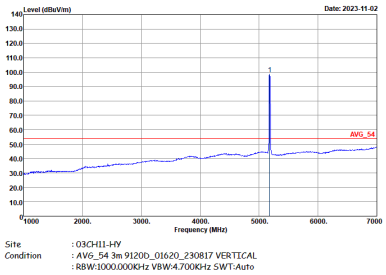
-L	**Low channel location**
-R	**High channel location**

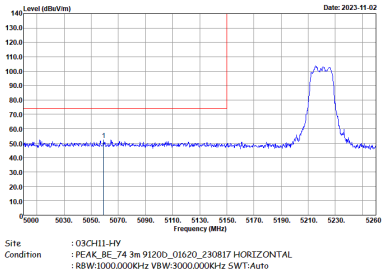
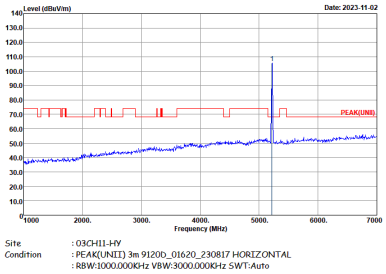
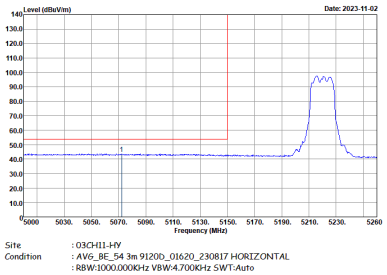
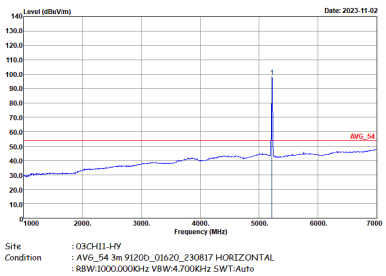
<CDD Mode>

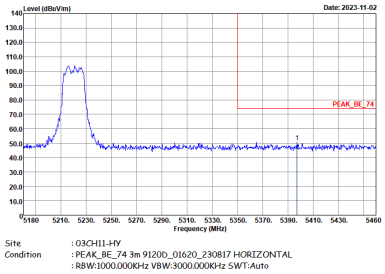
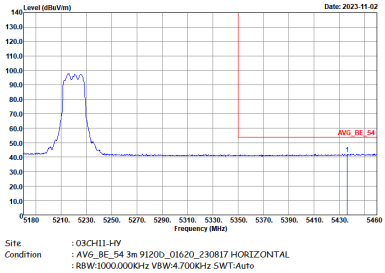
Band 1 - 5150~5250MHz

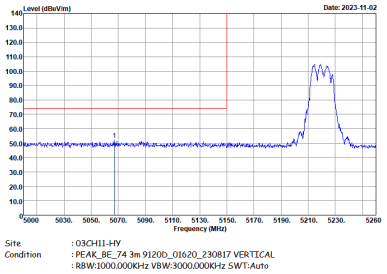
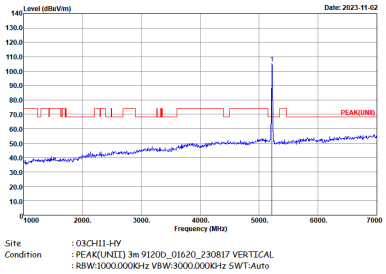
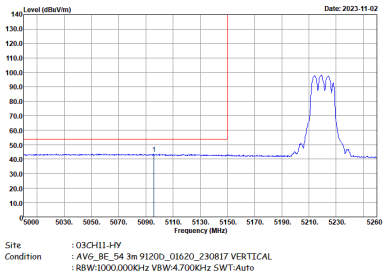
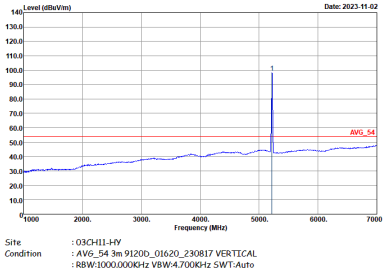
WIFI 802.11a (Band Edge @ 3m)

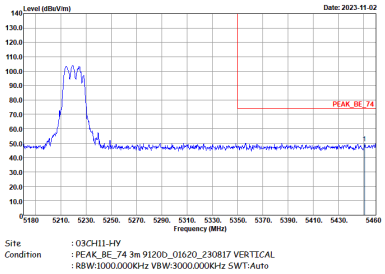
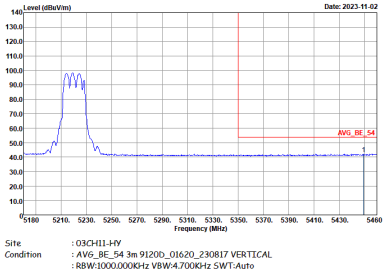
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

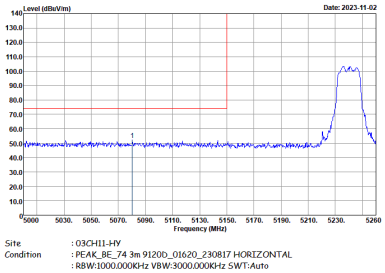
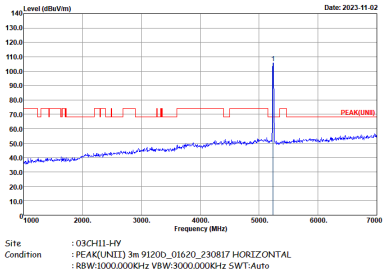
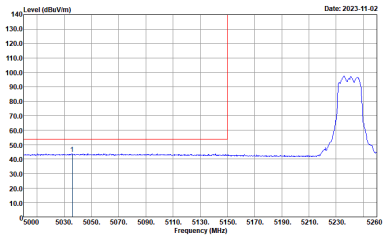
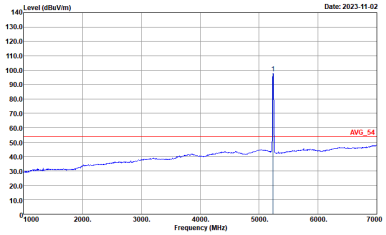
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

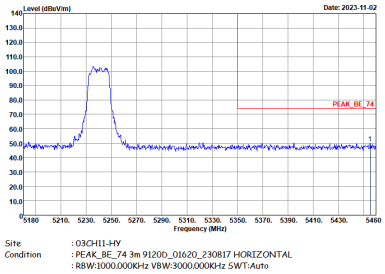
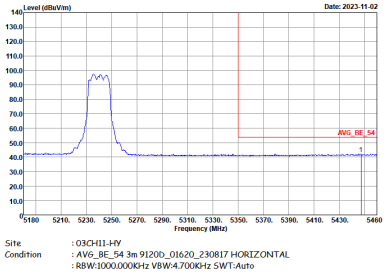
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

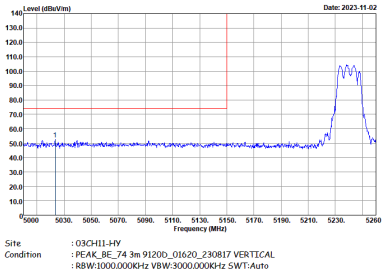
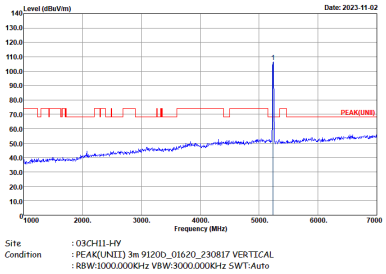
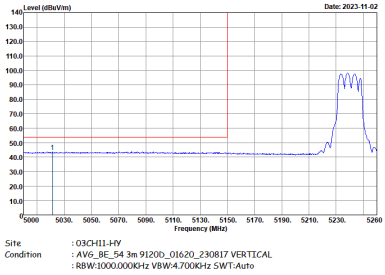
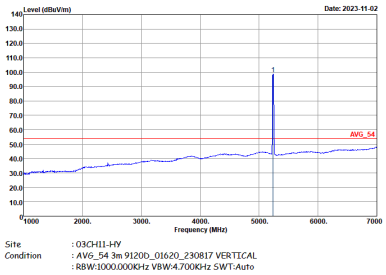
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

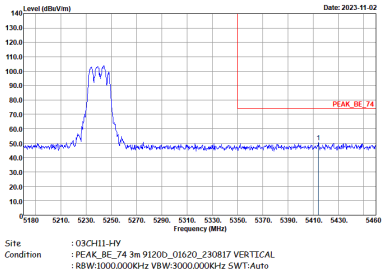
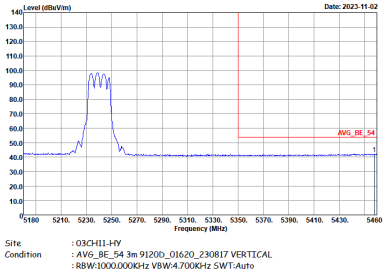
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

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

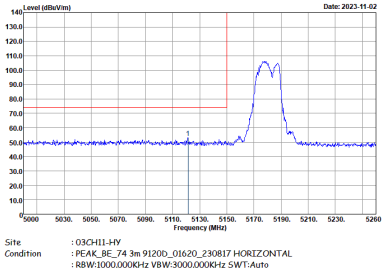
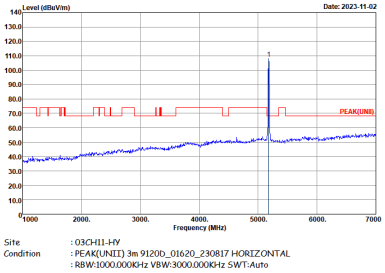
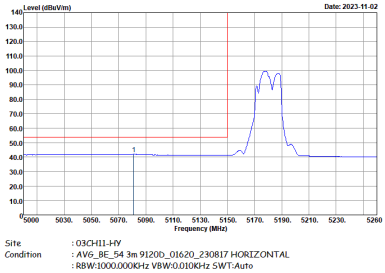
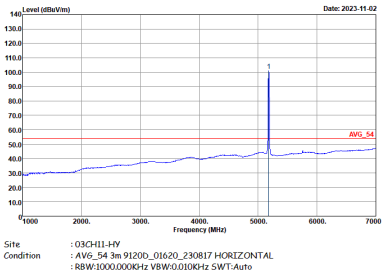
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:4.700KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:4.700KHz SWT:Auto

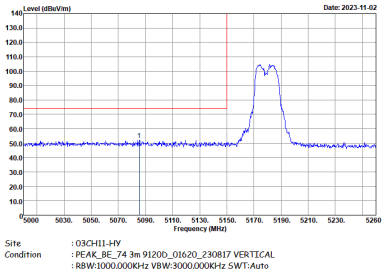
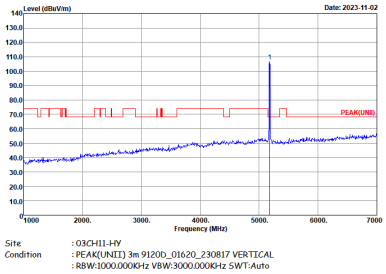
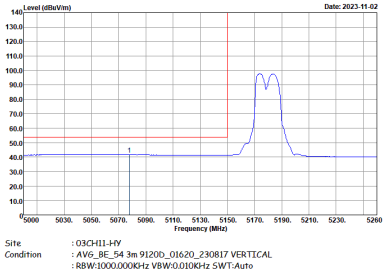
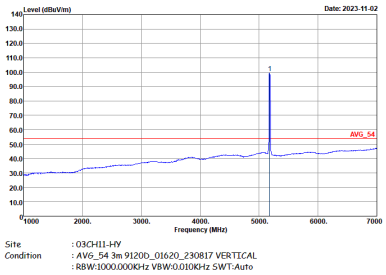
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

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

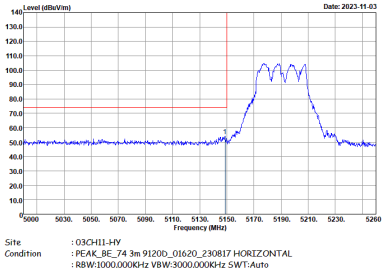
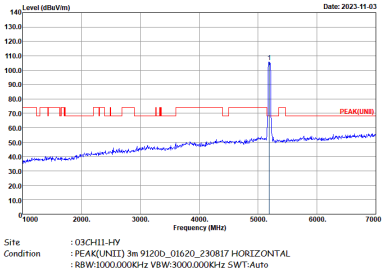
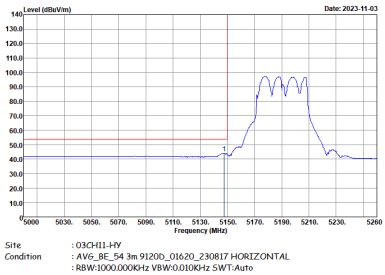
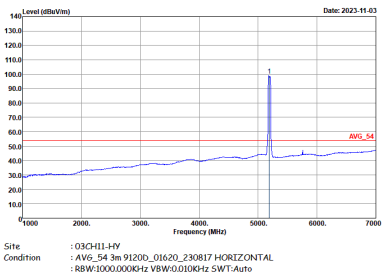
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

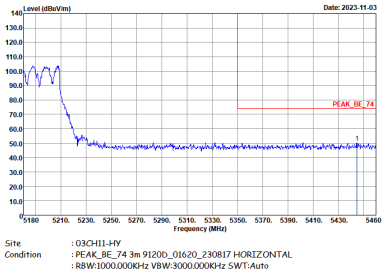
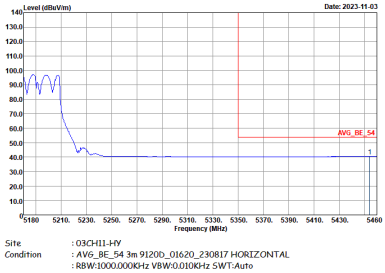
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

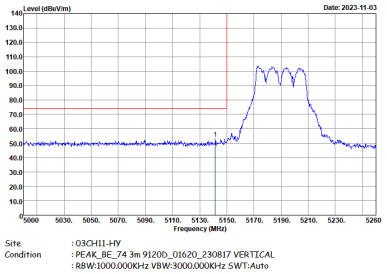
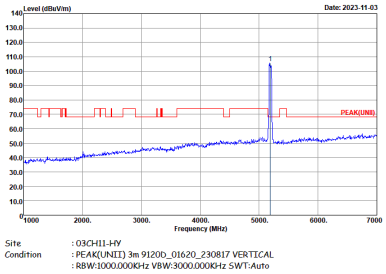
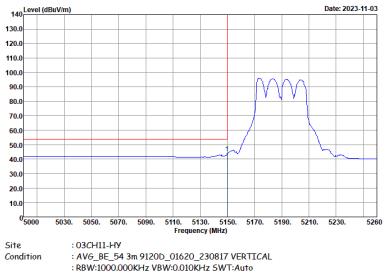
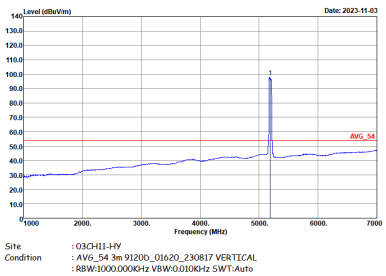
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		

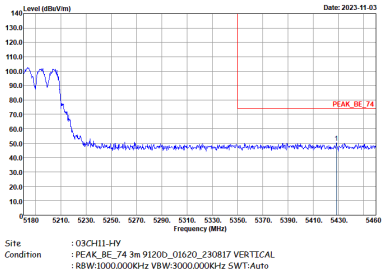
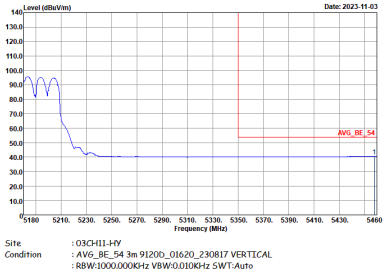
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

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

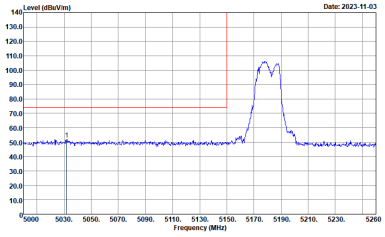
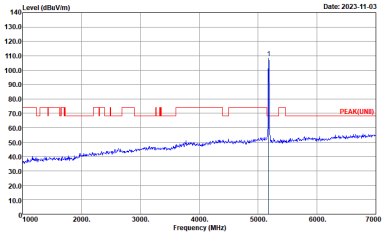
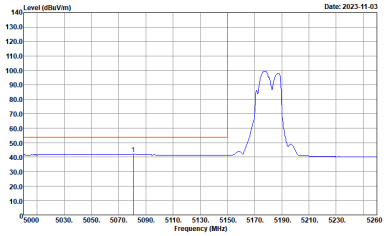
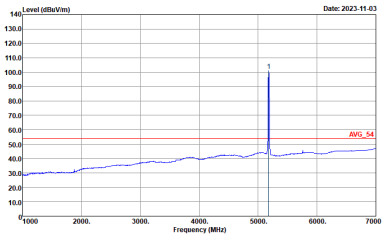
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

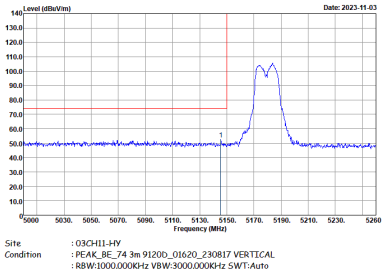
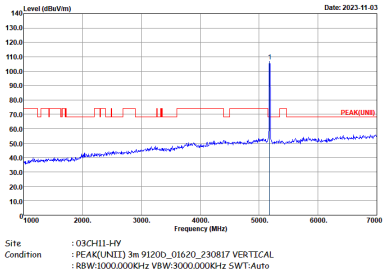
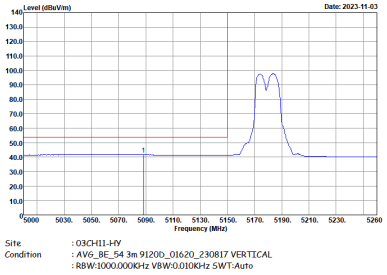
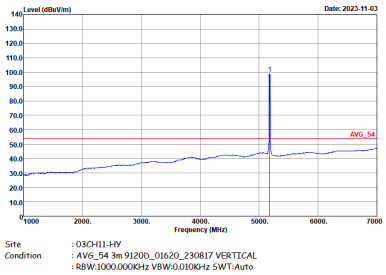
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

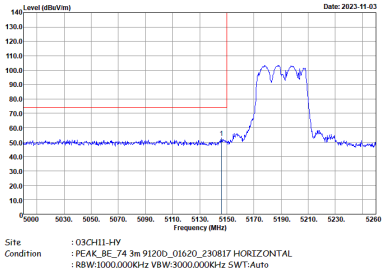
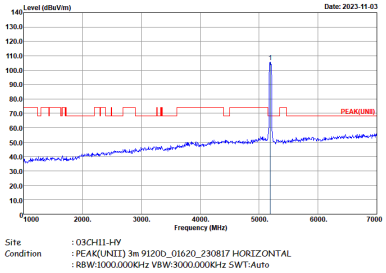
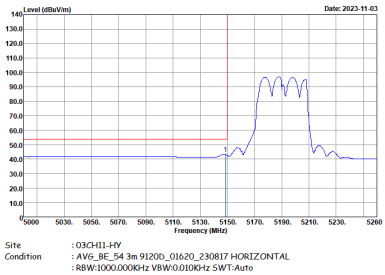
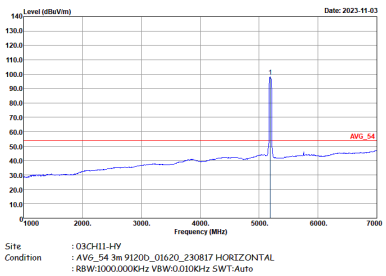
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

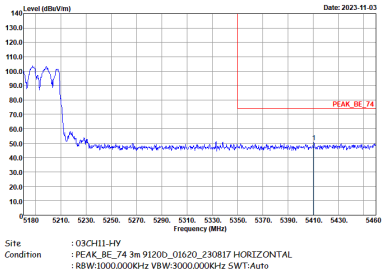
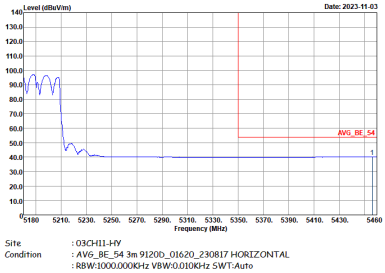
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

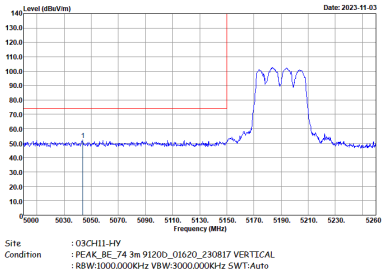
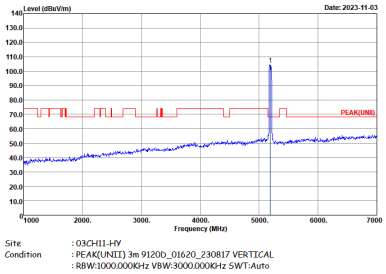
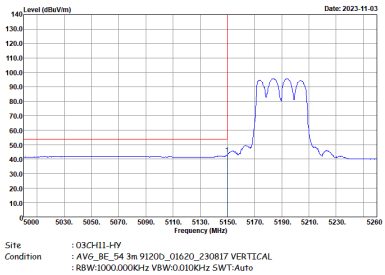
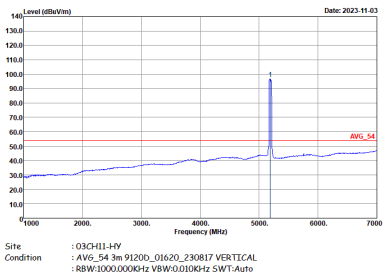
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_230817 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

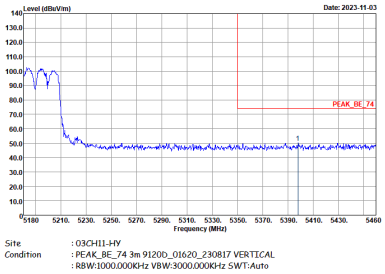
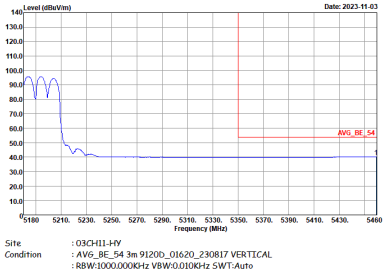
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		

Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank