FCC RADIO TEST REPORT

FCC ID	**:**	**2AGOZ-S3A**
Equipment	**:**	**VR Headset**
Brand Name	**:**	**META PLATFORMS TECHNOLOGIES, LLC**
Model Name	**:**	**S3A**
Applicant	**:**	**Meta Platforms Technologies, LLC. 1 Hacker Way, Menlo Park, CA 94025, USA**
Manufacturer	**:**	**Meta Platforms Technologies, LLC. 1 Hacker Way, Menlo Park, CA 94025, USA**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on May 02, 2023 and testing was performed from May 03, 2023 to Jun. 29, 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FR261607-06D	01	Initial issue of report	Jun. 30, 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	1.51 dB under the limit at 5145.260 MHz
3.5	15.207	AC Conducted Emission	Pass	15.99 dB under the limit at 0.157 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, Wi-Fi 6GHz 802.11ax, and nRF.
Sample 1	Main-A
Sample 2	Main-B
Sample 3	Main-C
Sample 4	Main-D
Antenna Type	WLAN: <Ant. 0>: Dipole Antenna <Ant. 1>: Dipole Antenna Bluetooth: Dipole Antenna nRF: Dipole Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 0: 2.3 Ant. 1: 2.8
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 0: 2.4 Ant. 1: 2.6
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 0: 4.8 Ant. 1: 5.4

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

1.1.1 Antenna Directional Gain

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 0 (dBi)	Ant 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	2.30	2.80	2.80	5.56	0.00	0.00
Band II	2.40	2.60	2.60	5.51	0.00	0.00
Band III	4.80	5.40	5.40	8.12	0.00	2.12

Calculation example:

If a device has two antenna, G_{ANT1}= 2.3dBi; G_{ANT2}=2.8dBi

Directional gain of power measurement = max(2.3, 2.8) + 0 = 2.8 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (2.30 dBi / 20) + 10^ (2.80 dBi / 20)] ^ 2 } / 2 }

= 5.56 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

Frequency Band	Channel	Freq. (MHz)
5150-5350 MHz	50@	5250
5470-5725 MHz	114@	5570

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160.

2.2 Test Mode

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

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

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

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80 (Covered by HE80)	MCS0
802.11ac VHT160 (Covered by HE160)	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Battery 2 + USB Cable 2 (Charging from Adapter) for Sample 1 Mode 2 : WLAN (5GHz) Link + Battery 2 + USB Cable 2 (Charging from Adapter) for Sample 2 Mode 3 : WLAN (5GHz) Link + Battery 2 + USB Cable 2 (Charging from Adapter) for Sample 3 Mode 4 : WLAN (5GHz) Link + Battery 2 + USB Cable 2 (Charging from Adapter) for Sample 4

Remark:
1. The worst case of Conducted Emission is mode 1; only the test data of it was reported.
2. For Radiated Test Cases, the tests were performed with Battery 2 and USB Cable 2.

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

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

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

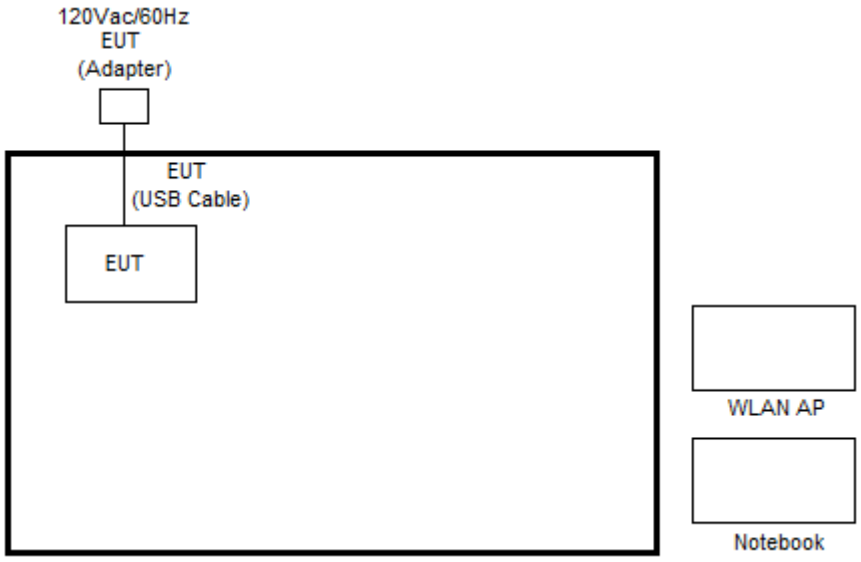
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11ax HE160	802.11ax HE160
Ch. #	50	114

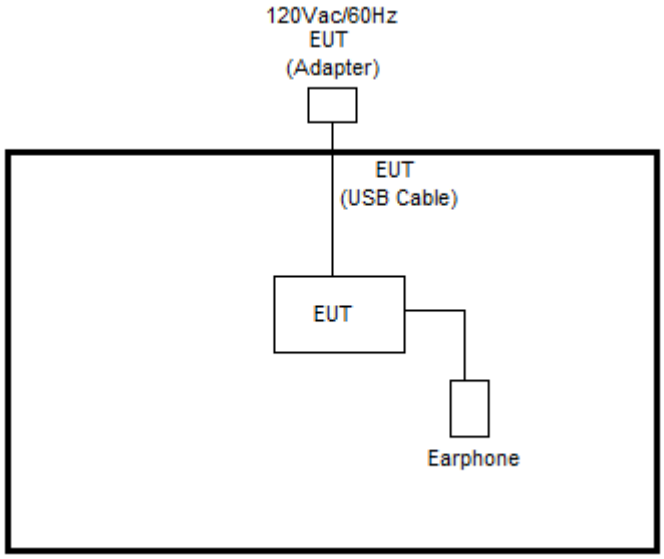
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	Sony	MH410c	N/A	Unshielded, 1.2 m	N/A
2.	WLAN AP	Neatgear	RAXE500	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	P79G	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Notebook	DELL	Latitude 3420	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.

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

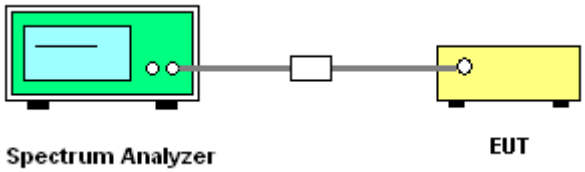
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

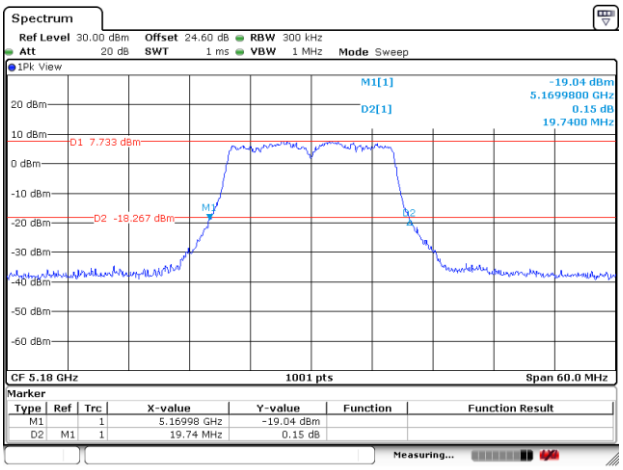
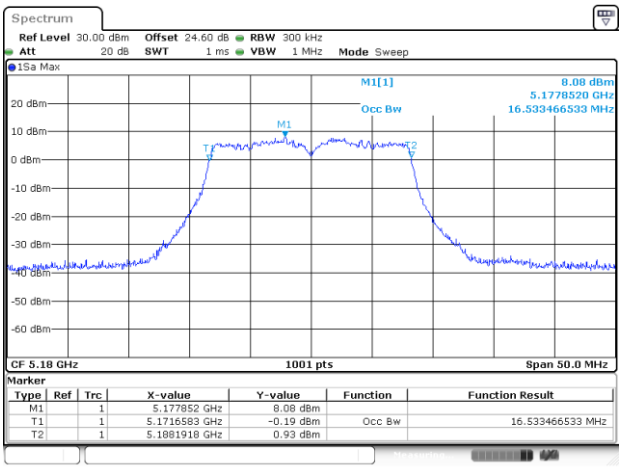


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

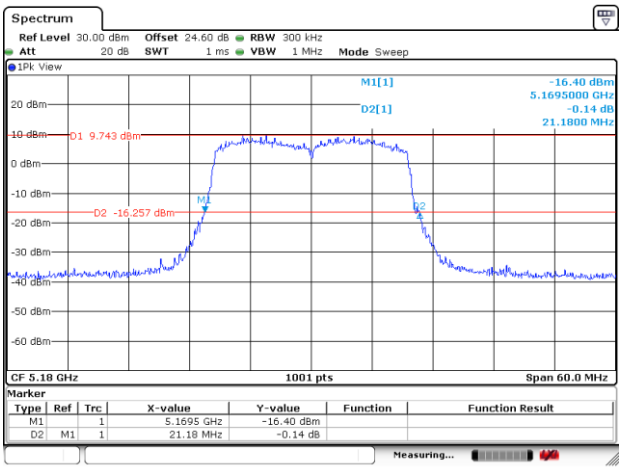
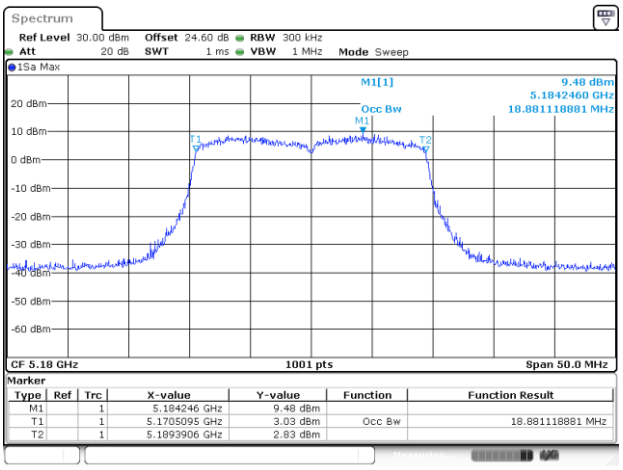
MIMO <Ant. 0+1>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

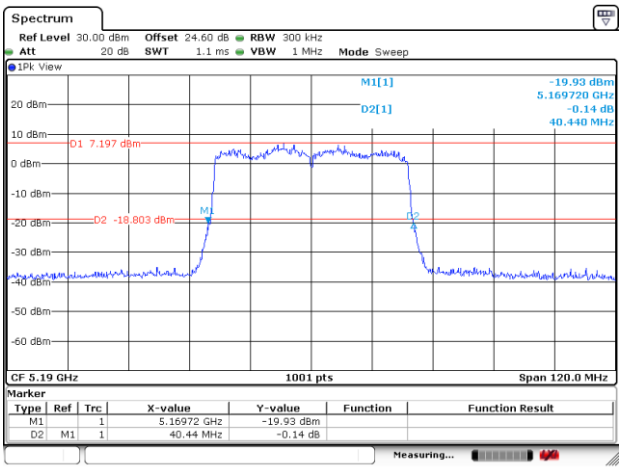
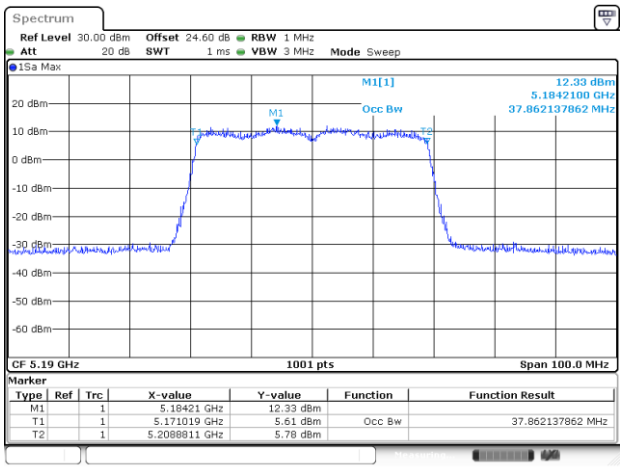
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

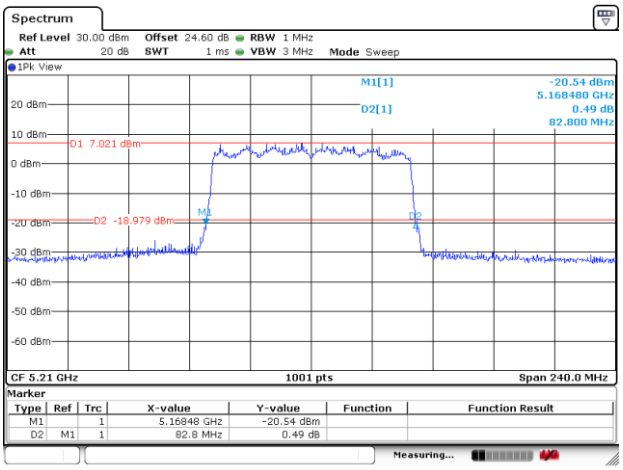
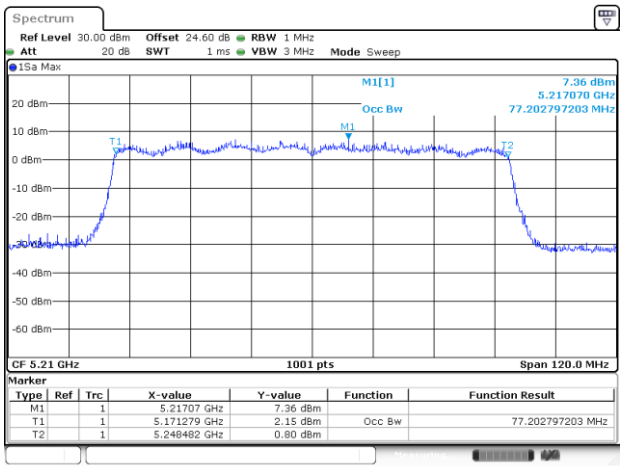
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

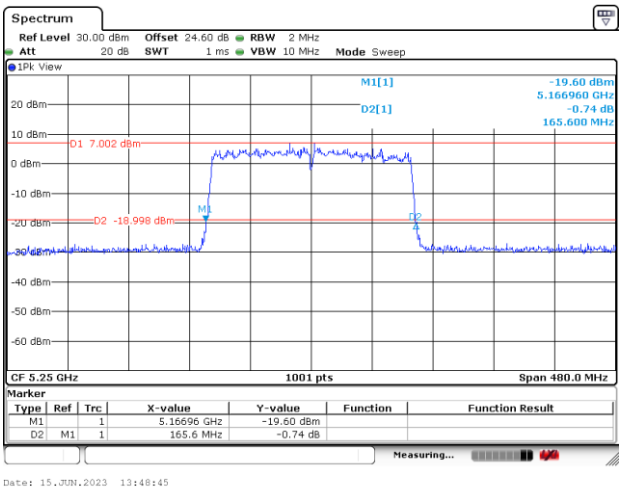
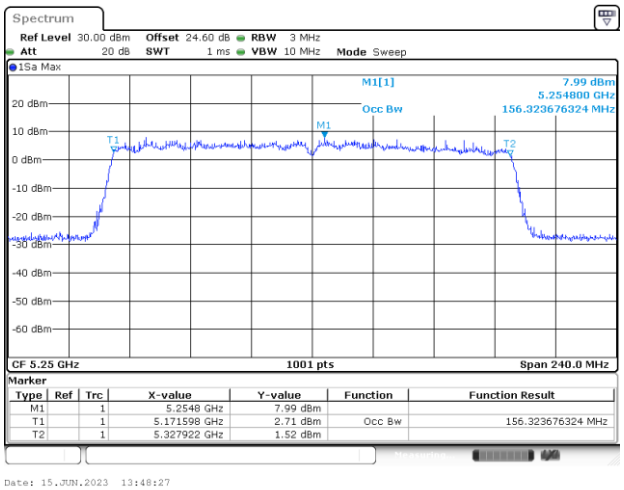
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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.

<802.11ax HE160>

26dB Bandwidth	99% Occupied Bandwidth
	

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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

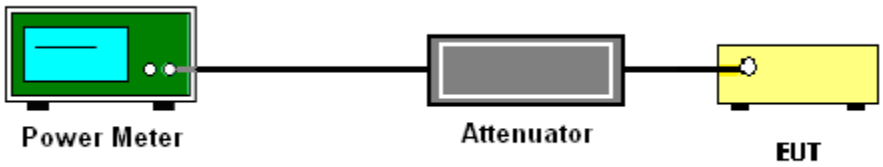
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-3 #

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

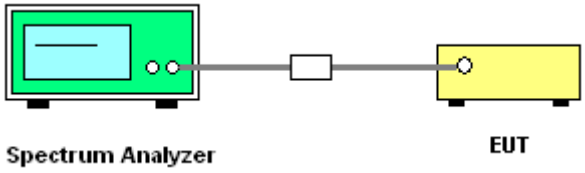
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which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

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

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

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

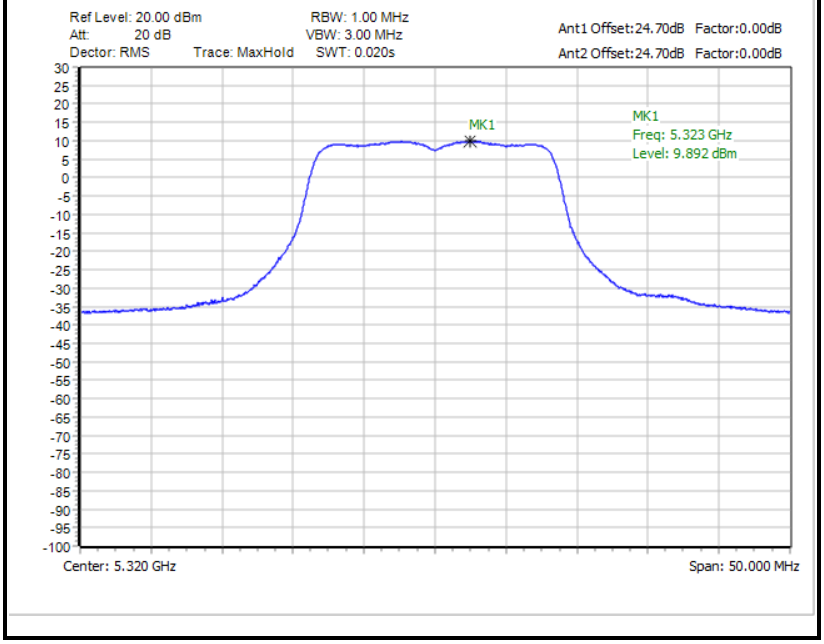
3.3.4 Test Setup



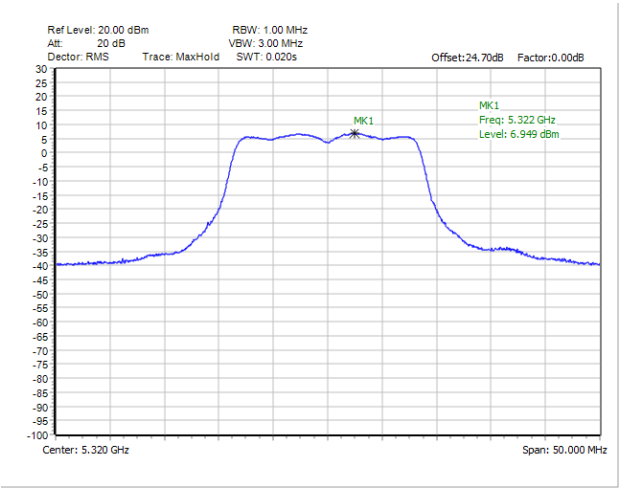
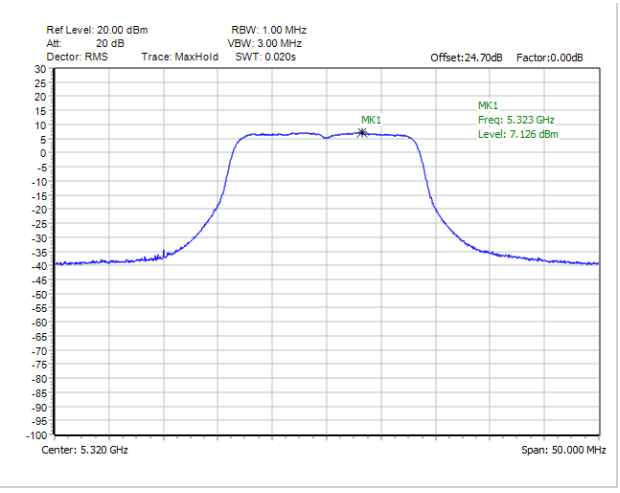
3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

<802.11a>

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

<802.11ax HE20 26 RU>

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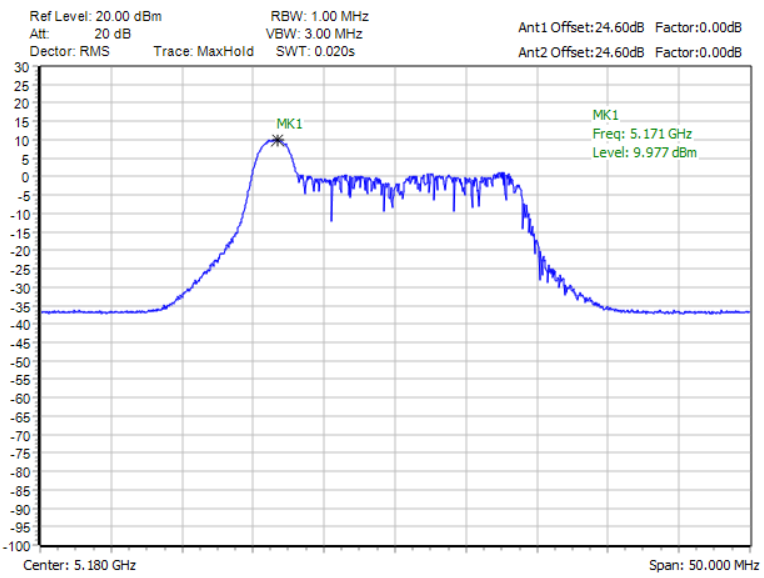
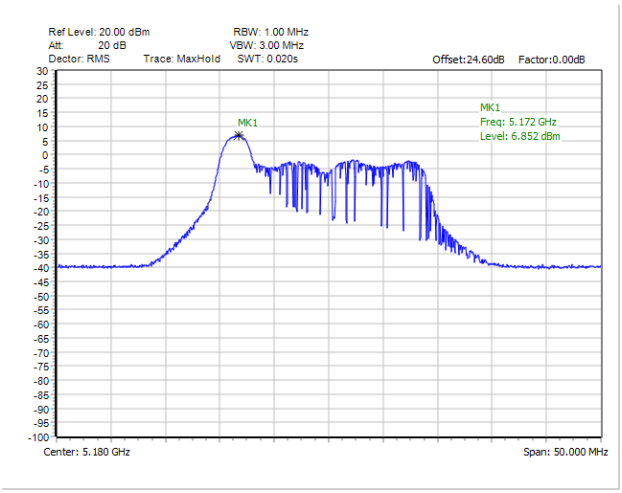
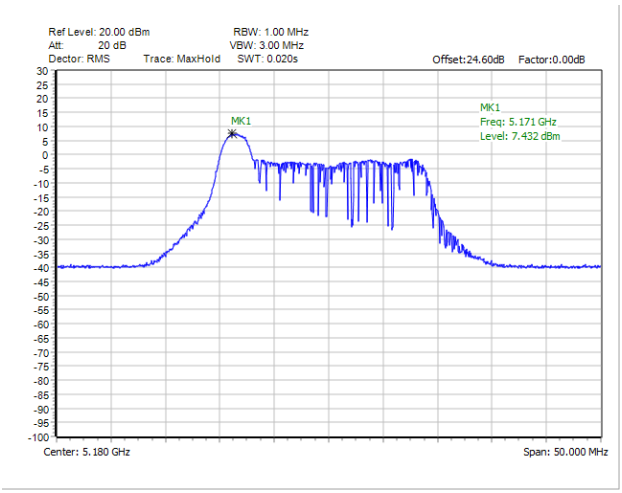
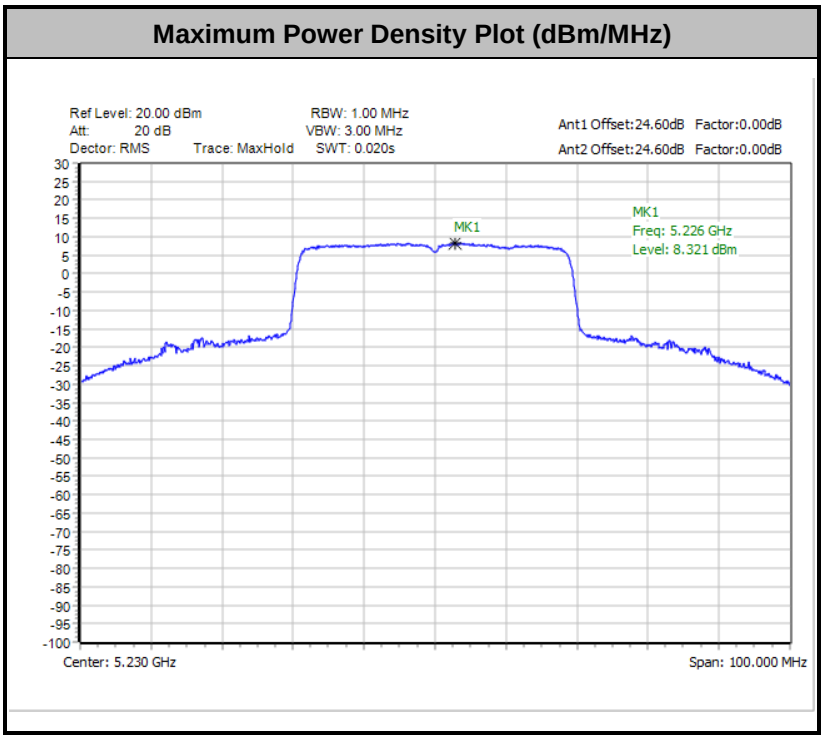


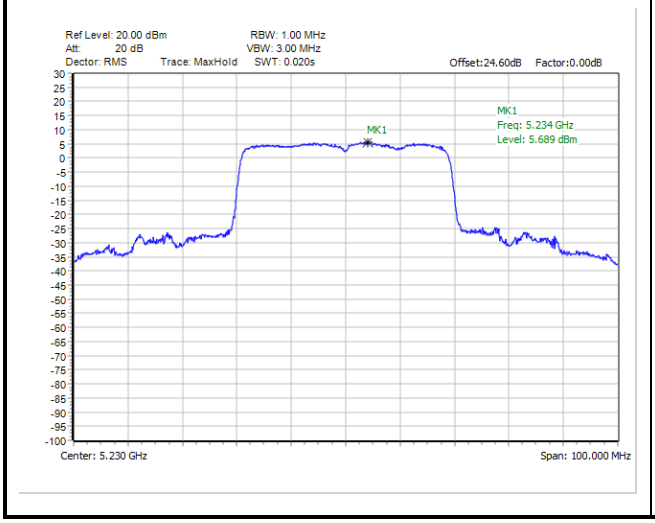
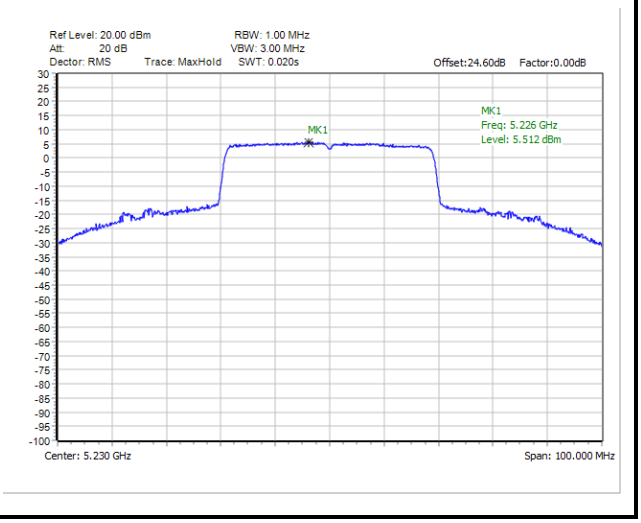
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 1)
	

<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 0)	Maximum Power Density Plot Trace 2 (Ant 1)
	

<802.11ax HE80>

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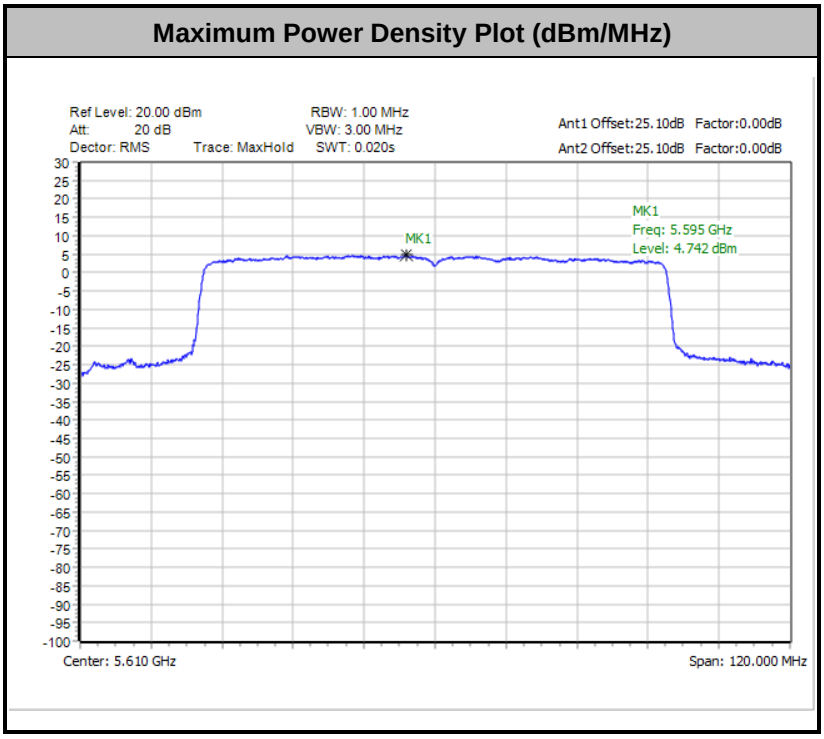
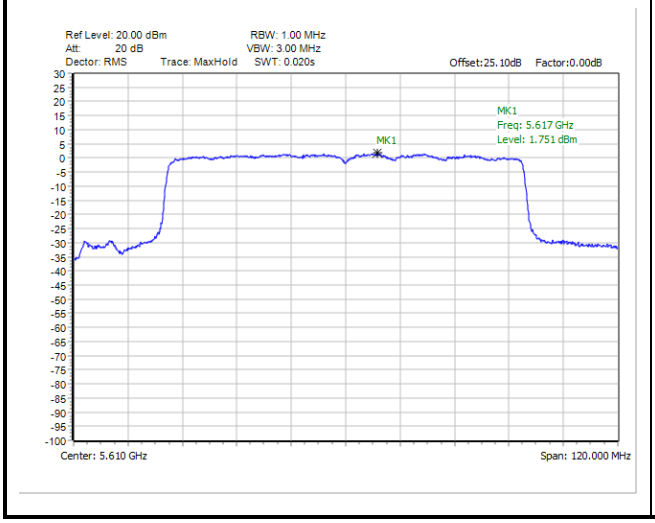
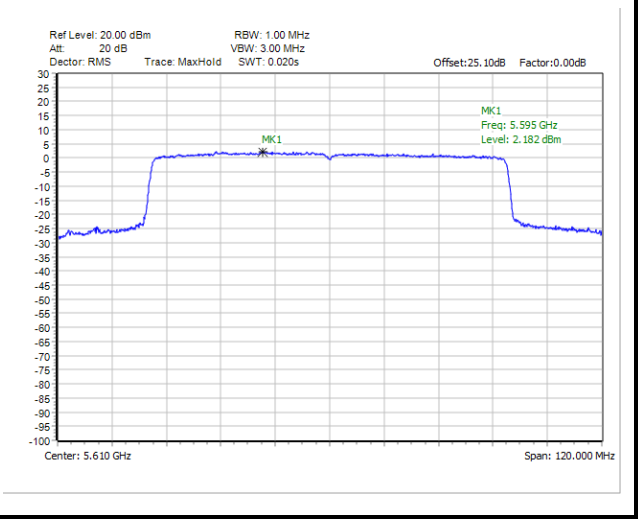
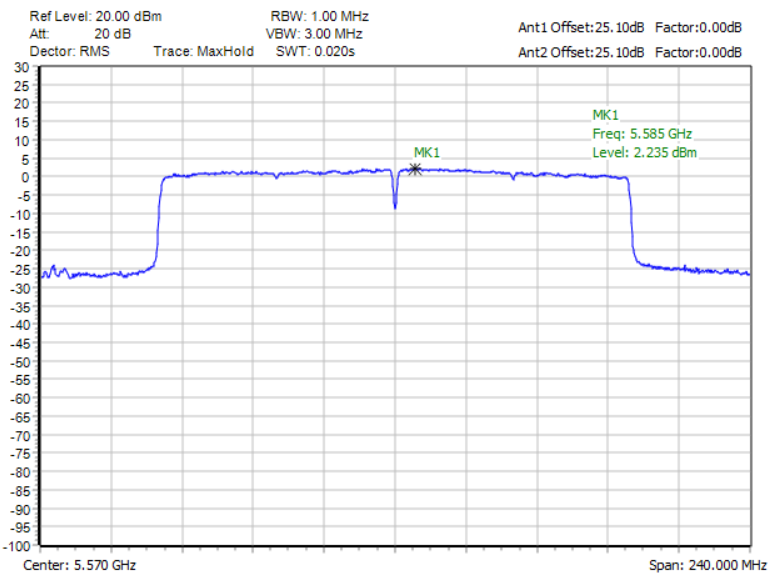


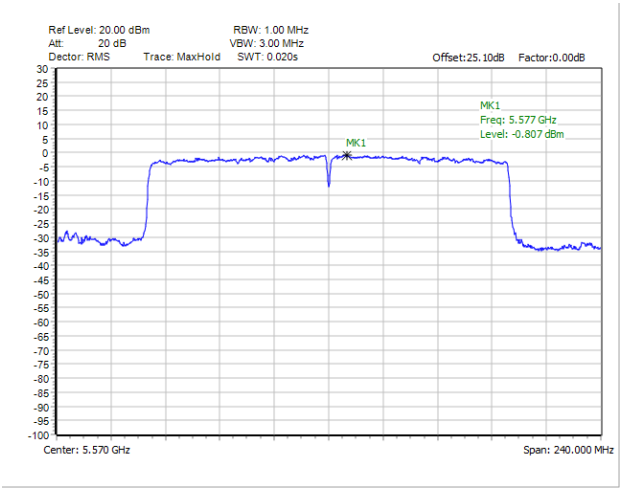
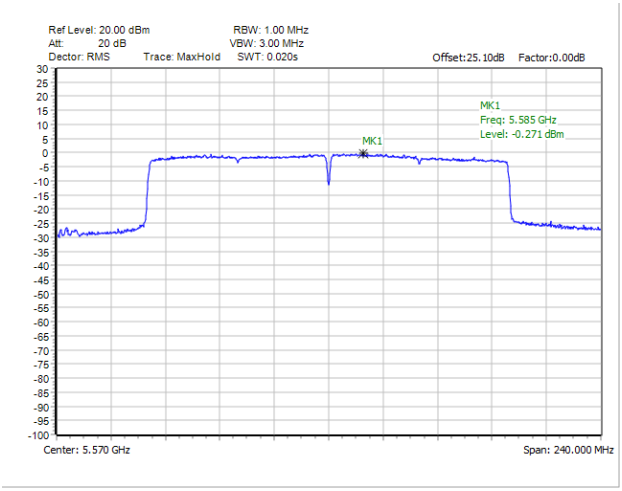
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 0)	Maximum Power Density Plot Trace 2 (Ant 1)
	

<802.11ax HE160>

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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

(2) Unwanted spurious emissions 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

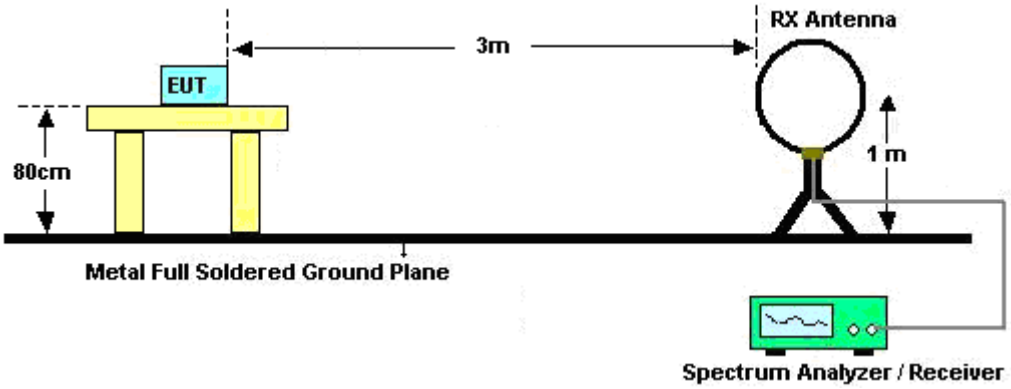
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

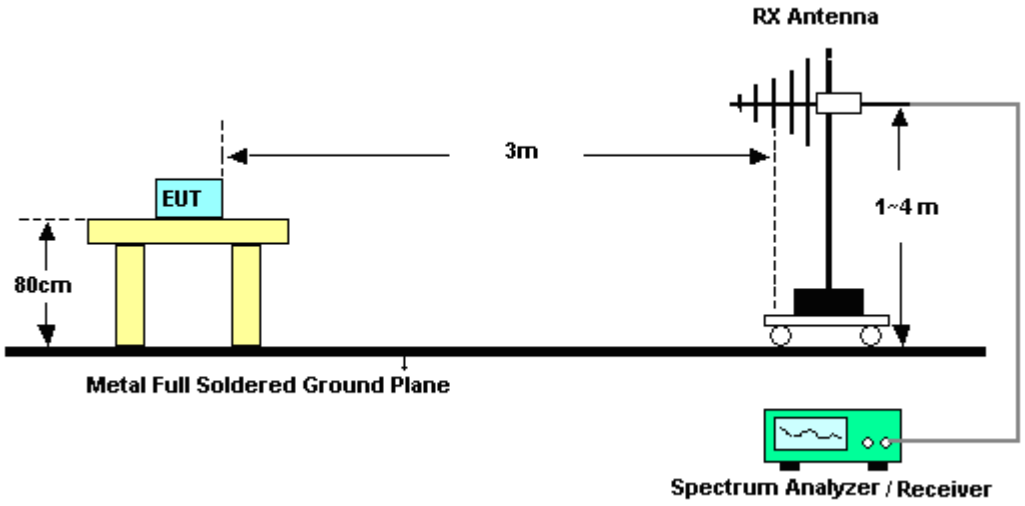
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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

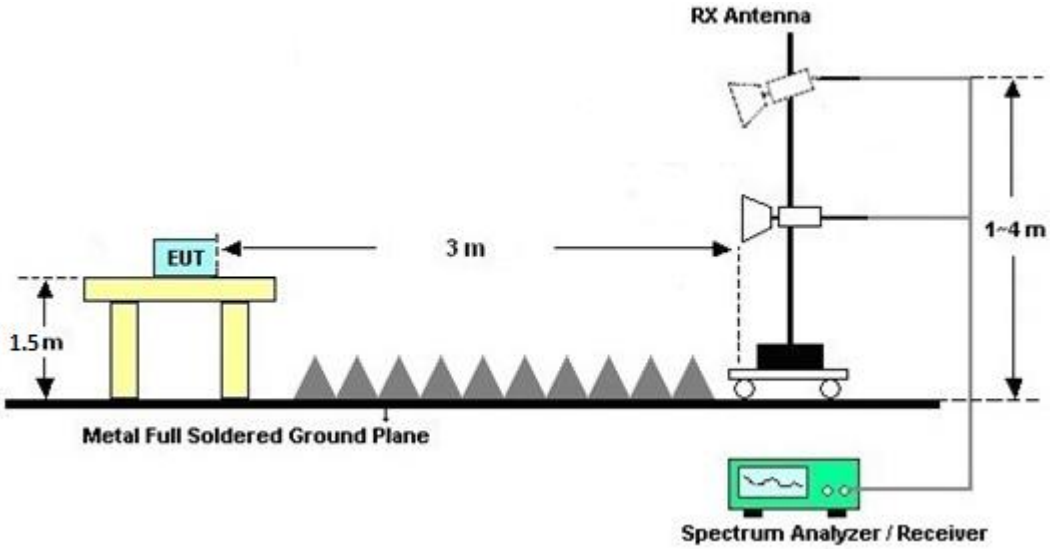
For radiated emissions below 30MHz



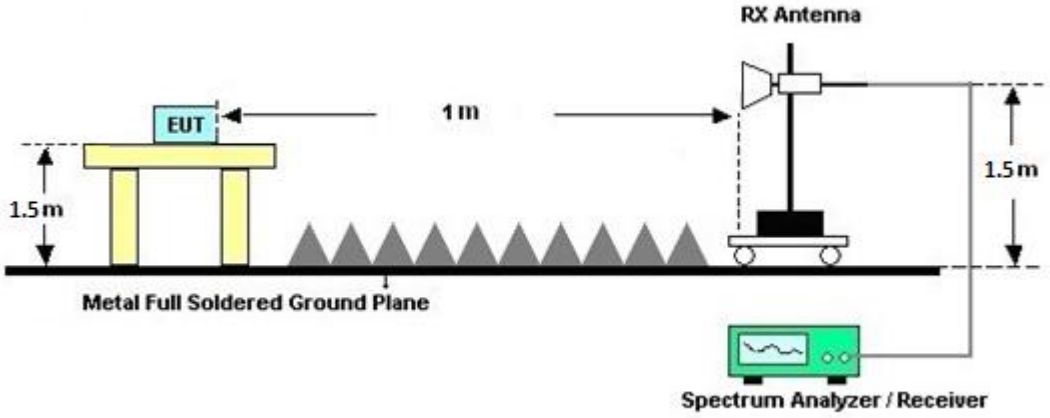
For radiated emissions from 30MHz to 1GHz



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.

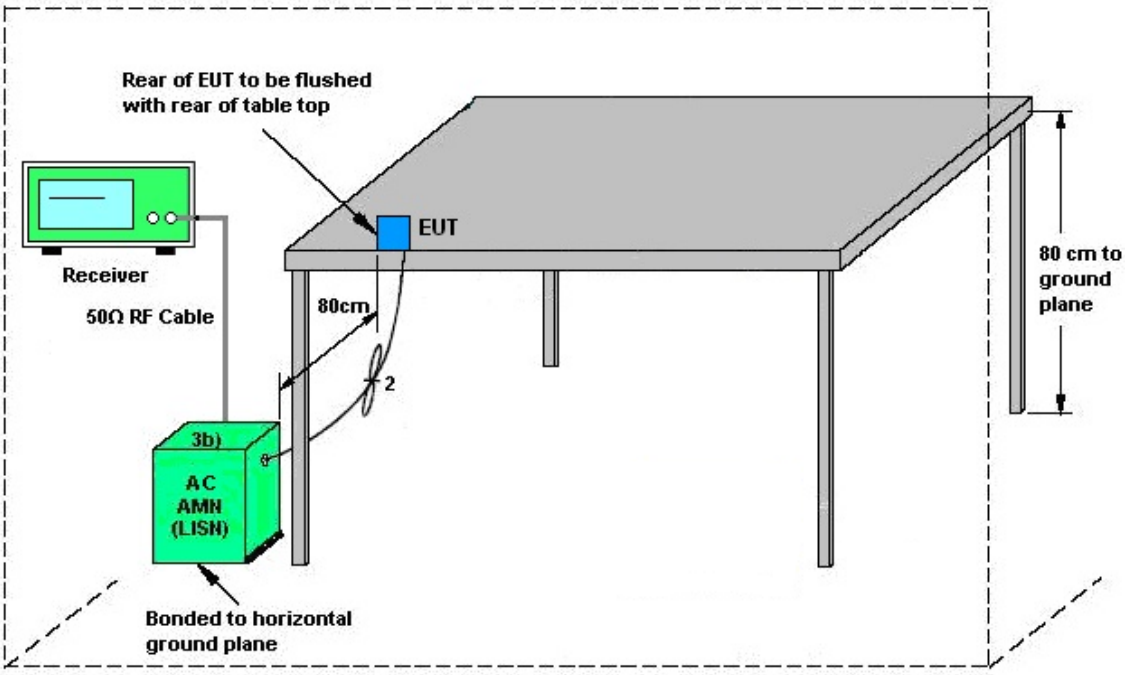
3.5.2 Measuring Instruments

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. 20, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 19, 2023	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 08, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 07, 2023	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 24, 2022	May 10, 2023~ Jun. 14, 2023	Aug. 23, 2023	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00994	18GHz~40GHz	Nov. 04, 2022	May 10, 2023~ Jun. 14, 2023	Nov. 03, 2022	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 09, 2022	May 10, 2023~ Jun. 14, 2023	Dec. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 09, 2022	May 10, 2023~ Jun. 14, 2023	Nov. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	171000180005 4001	1GHz~18GHz	Oct. 06, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 05, 2023	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	May 10, 2023~ Jun. 14, 2023	Jun. 27, 2023	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 07, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 06, 2023	Radiation (03CH11-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 18, 2022	May 10, 2023~ Jun. 14, 2023	Oct. 17, 2023	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 10, 2023~ Jun. 14, 2023	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801595/2	30MHz~40GHz	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	May 10, 2023~ Jun. 14, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN3	3GHz High Pass Filter	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN12	1GHz High Pass Filter	Sep. 12, 2022	May 10, 2023~ Jun. 14, 2023	Sep. 11, 2023	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Nov. 07, 2022	May 10, 2023~ Jun. 14, 2023	Nov. 06, 2023	Radiation (03CH11-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	May 03, 2023~ Jun. 29, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	May 03, 2023~ Jun. 29, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	May 03, 2023~ Jun. 29, 2023	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	May 29, 2023~ May 30, 2023	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 29, 2023~ May 30, 2023	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 01, 2022	May 29, 2023~ May 30, 2023	Oct. 31, 2023	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 15, 2023	May 29, 2023~ May 30, 2023	Mar. 14, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 05, 2023	May 29, 2023~ May 30, 2023	Mar. 04, 2024	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 13, 2023	May 29, 2023~ May 30, 2023	Mar. 12, 2024	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 06, 2022	May 29, 2023~ May 30, 2023	Oct. 05, 2023	Conduction (CO07-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.46 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.3 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.4 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.8 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.3 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2023/5/3~2023/6/29	Relative Humidity:	51~54	%

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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	16.53	16.43	19.74	19.50	-		22.16		-	
11a	6Mbps	2	44	5220	16.48	16.43	19.56	19.50	-		22.16			
11a	6Mbps	2	48	5240	16.53	16.43	19.74	19.50	-		22.16			

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	16.30	16.80	19.57	24.00		2.80			Pass
11a	6Mbps	2	44	5220	16.60	17.40	20.03	24.00		2.80			Pass
11a	6Mbps	2	48	5240	16.70	17.20	19.97	24.00		2.80			Pass
HT20	MCS0	2	36	5180	15.60	15.90	18.76	24.00		2.80			Pass
HT20	MCS0	2	44	5220	16.10	17.00	19.58	24.00		2.80			Pass
HT20	MCS0	2	48	5240	15.90	16.40	19.17	24.00		2.80			Pass
HT40	MCS0	2	38	5190	16.30	17.10	19.73	24.00		2.80			Pass
HT40	MCS0	2	46	5230	18.10	19.00	21.58	24.00		2.80		-	Pass
VHT20	MCS0	2	36	5180	15.70	16.00	18.86	24.00		2.80			Pass
VHT20	MCS0	2	44	5220	16.20	17.10	19.68	24.00		2.80			Pass
VHT20	MCS0	2	48	5240	16.00	16.50	19.27	24.00		2.80			Pass
VHT40	MCS0	2	38	5190	16.40	17.20	19.83	24.00		2.80			Pass
VHT40	MCS0	2	46	5230	18.20	19.10	21.68	24.00		2.80			Pass
VHT80	MCS0	2	42	5210	14.00	14.60	17.32	24.00		2.80			Pass
VHT160	MCS0	2	50	5250	12.60	13.30	15.97	24.00		2.80			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	-		9.70	11.00		5.56		-	Pass
11a	6Mbps	2	44	5220			9.76	11.00		5.56			Pass
11a	6Mbps	2	48	5240			9.77	11.00		5.56			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	16.53	16.43	19.56	19.56	23.16		29.16		23.91		-
11a	6Mbps	2	60	5300	16.43	16.38	19.86	19.56	23.14		29.14		23.91		
11a	6Mbps	2	64	5320	16.53	16.43	19.50	19.50	23.16		29.16		23.90		

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	16.30	16.90	19.62	23.91		2.60		26.99	Pass
11a	6Mbps	2	60	5300	16.60	17.30	19.97	23.91		2.60		26.99	Pass
11a	6Mbps	2	64	5320	16.80	17.30	20.07	23.90		2.60		26.99	Pass
HT20	MCS0	2	52	5260	15.80	16.30	19.07	23.98		2.60		26.99	Pass
HT20	MCS0	2	60	5300	15.80	16.60	19.23	23.98		2.60		26.99	Pass
HT20	MCS0	2	64	5320	15.50	16.00	18.77	23.98		2.60		26.99	Pass
HT40	MCS0	2	54	5270	18.30	19.00	21.67	23.98		2.60		26.99	Pass
HT40	MCS0	2	62	5310	16.00	16.70	19.37	23.98		2.60		26.99	Pass
VHT20	MCS0	2	52	5260	15.90	16.40	19.17	23.98		2.60		26.99	Pass
VHT20	MCS0	2	60	5300	15.90	16.70	19.33	23.98		2.60		26.99	Pass
VHT20	MCS0	2	64	5320	15.60	16.10	18.87	23.98		2.60		26.99	Pass
VHT40	MCS0	2	54	5270	18.40	19.10	21.77	23.98		2.60		26.99	Pass
VHT40	MCS0	2	62	5310	16.10	16.80	19.47	23.98		2.60		26.99	Pass
VHT80	MCS0	2	58	5290	15.00	15.70	18.37	23.98		2.60		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	-		9.50	11.00		5.51		-	Pass
11a	6Mbps	2	60	5300			9.52	11.00		5.51			Pass
11a	6Mbps	2	64	5320			9.89	11.00		5.51			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	16.43	16.43	19.68	19.62	23.16		29.16		23.93		----	----
11a	6Mbps	2	116	5580	16.43	16.38	19.80	19.50	23.14		29.14		23.90		----	----
11a	6Mbps	2	140	5700	16.48	16.38	19.56	19.56	23.14		29.14		23.91		----	----

U-NII-2C straddle channel 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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	144	5720	13.29	13.24	15.02	14.72	22.22		28.22		22.68		3.2	3.2

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	14.50	16.00	18.32	23.93		5.40		26.99	Pass
11a	6Mbps	2	116	5580	14.80	15.70	18.28	23.90		5.40		26.99	Pass
11a	6Mbps	2	140	5700	14.50	15.20	17.87	23.91		5.40		26.99	Pass
HT20	MCS0	2	100	5500	14.40	15.60	18.05	23.98		5.40		26.99	Pass
HT20	MCS0	2	116	5580	15.30	15.80	18.57	23.98		5.40		26.99	Pass
HT20	MCS0	2	140	5700	14.20	14.80	17.52	23.98		5.40		26.99	Pass
HT40	MCS0	2	102	5510	16.80	17.40	20.12	23.98		5.40		26.99	Pass
HT40	MCS0	2	110	5550	17.20	17.80	20.52	23.98		5.40		26.99	Pass
HT40	MCS0	2	134	5670	17.30	18.10	20.73	23.98		5.40		26.99	Pass
VHT20	MCS0	2	100	5500	14.50	15.70	18.15	23.98		5.40		26.99	Pass
VHT20	MCS0	2	116	5580	15.40	15.90	18.67	23.98		5.40		26.99	Pass
VHT20	MCS0	2	140	5700	14.30	14.90	17.62	23.98		5.40		26.99	Pass
VHT40	MCS0	2	102	5510	16.90	17.50	20.22	23.98		5.40		26.99	Pass
VHT40	MCS0	2	110	5550	17.30	17.90	20.62	23.98		5.40		26.99	Pass
VHT40	MCS0	2	134	5670	17.40	18.20	20.83	23.98		5.40		26.99	Pass
VHT80	MCS0	2	106	5530	15.60	16.30	18.97	23.98		5.40		26.99	Pass
VHT80	MCS0	2	122	5610	18.00	18.70	21.37	23.98		5.40		26.99	Pass
VHT160	MCS0	2	114	5570	14.00	14.80	17.43	23.98		5.40		26.99	Pass

FCC U-NII-2C straddle channel 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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	15.00	15.80	18.43	22.68		5.40		26.99	Pass
HT20	MCS0	2	144	5720	15.10	15.80	18.47	23.98		5.40		26.99	Pass
HT40	MCS0	2	142	5710	17.00	17.90	20.48	23.98		5.40		26.99	Pass
VHT20	MCS0	2	144	5720	15.20	15.90	18.57	23.98		5.40		26.99	Pass
VHT40	MCS0	2	142	5710	17.10	18.00	20.58	23.98		5.40		26.99	Pass
VHT80	MCS0	2	138	5690	17.80	18.70	21.28	23.98		5.40		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	-		7.85	8.88		8.12		-	Pass
11a	6Mbps	2	116	5580			7.50	8.88		8.12			Pass
11a	6Mbps	2	140	5700			7.80	8.88		8.12			Pass

U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	-		7.81	8.88		8.12		-	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	18.88	18.93	21.18	21.36	-		22.76			
HE20	MCS0	2	44	5220	Full	18.88	18.98	21.60	21.60	-		22.76			
HE20	MCS0	2	48	5240	Full	18.88	18.93	21.30	21.66	-		22.76			
HE40	MCS0	2	38	5190	Full	37.86	37.96	40.44	40.20	-		23.01		-	-
HE40	MCS0	2	46	5230	Full	37.96	38.06	40.32	40.68	-		23.01			
HE80	MCS0	2	42	5210	Full	77.20	77.20	82.80	82.80	-		23.01			
HE160	MCS0	2	50	5250	Full	156.32	156.32	165.60	166.08	-		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	16.30	16.90	19.62	24.00		2.80			Pass
HE20	MCS0	2	36	5180	26/0	8.60	9.20	11.92	24.00		2.80			Pass
HE20	MCS0	2	36	5180	52/37	11.50	11.60	14.56	24.00		2.80			Pass
HE20	MCS0	2	36	5180	106/53	14.10	14.60	17.37	24.00		2.80			Pass
HE20	MCS0	2	44	5220	Full	16.50	17.40	19.98	24.00		2.80			Pass
HE20	MCS0	2	44	5220	26/4	8.90	9.80	12.38	24.00		2.80			Pass
HE20	MCS0	2	44	5220	52/38	11.40	11.60	14.51	24.00		2.80		-	Pass
HE20	MCS0	2	44	5220	106/53	14.00	14.70	17.37	24.00		2.80			Pass
HE20	MCS0	2	48	5240	Full	16.60	17.20	19.92	24.00		2.80			Pass
HE40	MCS0	2	38	5190	Full	16.50	17.30	19.93	24.00		2.80			Pass
HE40	MCS0	2	46	5230	Full	18.30	19.20	21.78	24.00		2.80			Pass
HE80	MCS0	2	42	5210	Full	14.10	14.70	17.42	24.00		2.80			Pass
HE160	MCS0	2	50	5250	Full	12.70	13.40	16.07	24.00		2.80			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full			9.35	11.00		5.56			Pass
HE20	MCS0	2	36	5180	26/0			9.98	11.00		5.56			Pass
HE20	MCS0	2	36	5180	52/37			9.85	11.00		5.56			Pass
HE20	MCS0	2	36	5180	106/53			9.74	11.00		5.56			Pass
HE20	MCS0	2	44	5220	Full			9.66	11.00		5.56			Pass
HE20	MCS0	2	44	5220	26/4	-		9.95	11.00		5.56		-	Pass
HE20	MCS0	2	48	5240	Full			9.62	11.00		5.56			Pass
HE40	MCS0	2	38	5190	Full			6.35	11.00		5.56			Pass
HE40	MCS0	2	46	5230	Full			8.32	11.00		5.56			Pass
HE80	MCS0	2	42	5210	Full			0.70	11.00		5.56			Pass
HE160	MCS0	2	50	5250	Full			-0.38	11.00		5.56			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	52	5260	Full	18.83	18.88	21.30	21.18	23.75		29.75		23.98		
HE20	MCS0	2	60	5300	Full	18.88	18.98	21.30	21.84	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	Full	18.88	18.93	21.00	21.42	23.76		29.76		23.98		
HE40	MCS0	2	54	5270	Full	37.86	37.96	40.32	41.16	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	38.06	40.68	40.32	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.32	77.32	83.28	83.28	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	16.70	17.40	20.07	23.98		2.60		26.99	Pass
HE20	MCS0	2	60	5300	Full	16.50	17.30	19.93	23.98		2.60		26.99	Pass
HE20	MCS0	2	60	5300	26/4	8.30	10.40	12.49	23.98		2.60		26.99	Pass
HE20	MCS0	2	60	5300	52/38	10.90	11.70	14.33	23.98		2.60		26.99	Pass
HE20	MCS0	2	60	5300	106/53	13.90	14.60	17.27	23.98		2.60		26.99	Pass
HE20	MCS0	2	64	5320	Full	16.70	17.20	19.97	23.98		2.60		26.99	Pass
HE20	MCS0	2	64	5320	26/8	7.90	9.30	11.67	23.98		2.60		26.99	Pass
HE20	MCS0	2	64	5320	52/40	11.00	11.70	14.37	23.98		2.60		26.99	Pass
HE20	MCS0	2	64	5320	106/54	13.90	14.70	17.33	23.98		2.60		26.99	Pass
HE40	MCS0	2	54	5270	Full	18.50	19.20	21.87	23.98		2.60		26.99	Pass
HE40	MCS0	2	62	5310	Full	16.20	16.90	19.57	23.98		2.60		26.99	Pass
HE80	MCS0	2	58	5290	Full	15.10	15.80	18.47	23.98		2.60		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	-		9.70	11.00		5.51		-	Pass
HE20	MCS0	2	60	5300	Full			9.51	11.00		5.51			Pass
HE20	MCS0	2	60	5300	26/4			9.44	11.00		5.51			Pass
HE20	MCS0	2	64	5320	Full			9.51	11.00		5.51			Pass
HE20	MCS0	2	64	5320	26/8			9.68	11.00		5.51			Pass
HE20	MCS0	2	64	5320	52/40			9.62	11.00		5.51			Pass
HE20	MCS0	2	64	5320	106/54			9.88	11.00		5.51			Pass
HE40	MCS0	2	54	5270	Full			8.13	11.00		5.51			Pass
HE40	MCS0	2	62	5310	Full			5.85	11.00		5.51			Pass
HE80	MCS0	2	58	5290	Full			1.62	11.00		5.51			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	100	5500	Full	18.93	18.93	21.36	21.30	23.77		29.77		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.93	18.93	21.18	21.24	23.77		29.77		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.93	18.93	21.42	21.18	23.77		29.77		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.86	37.86	40.44	40.80	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.96	38.26	40.56	41.64	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.86	38.06	40.44	40.68	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.20	77.32	82.80	83.28	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	77.32	77.44	83.28	88.80	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	156.56	156.56	166.56	167.52	23.98		30.00		23.98		----	----

U-NII-2C straddle channel 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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	144	5720	Full	14.49	14.54	15.62	15.86	22.61		28.61		22.94		4.5	4.45
HE40	MCS0	2	142	5710	Full	33.88	34.08	35.04	35.04	23.98		30.00		23.98		3.9	4.08
HE80	MCS0	2	138	5690	Full	73.60	73.84	76.28	76.76	23.98		30.00		23.98		3.88	3.88

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	14.60	15.80	18.25	23.98		5.40		26.99	Pass
HE20	MCS0	2	100	5500	26/0	5.40	4.80	8.12	23.98		5.40		26.99	Pass
HE20	MCS0	2	100	5500	52/37	8.80	10.30	12.62	23.98		5.40		26.99	Pass
HE20	MCS0	2	100	5500	106/53	12.30	13.40	15.90	23.98		5.40		26.99	Pass
HE20	MCS0	2	116	5580	Full	15.50	16.00	18.77	23.98		5.40		26.99	Pass
HE20	MCS0	2	116	5580	26/4	5.20	4.50	7.87	23.98		5.40		26.99	Pass
HE20	MCS0	2	116	5580	52/38	8.70	10.10	12.47	23.98		5.40		26.99	Pass
HE20	MCS0	2	116	5580	106/53	12.10	13.10	15.64	23.98		5.40		26.99	Pass
HE20	MCS0	2	140	5700	Full	14.40	15.00	17.72	23.98		5.40		26.99	Pass
HE20	MCS0	2	140	5700	26/8	5.60	4.20	7.97	23.98		5.40		26.99	Pass
HE20	MCS0	2	140	5700	52/40	9.00	9.30	12.16	23.98		5.40		26.99	Pass
HE20	MCS0	2	140	5700	106/54	11.40	12.30	14.88	23.98		5.40		26.99	Pass
HE40	MCS0	2	102	5510	Full	17.00	17.60	20.32	23.98		5.40		26.99	Pass
HE40	MCS0	2	110	5550	Full	17.40	18.00	20.72	23.98		5.40		26.99	Pass
HE40	MCS0	2	134	5670	Full	17.50	18.30	20.93	23.98		5.40		26.99	Pass
HE80	MCS0	2	106	5530	Full	15.70	16.40	19.07	23.98		5.40		26.99	Pass
HE80	MCS0	2	122	5610	Full	18.10	18.80	21.47	23.98		5.40		26.99	Pass
HE160	MCS0	2	114	5570	Full	14.10	14.90	17.53	23.98		5.40		26.99	Pass

FCC U-NII-2C straddle channel 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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	15.30	16.00	18.67	22.94		5.40		26.99	Pass
HE40	MCS0	2	142	5710	Full	17.20	18.10	20.68	23.98		5.40		26.99	Pass
HE80	MCS0	2	138	5690	Full	17.90	18.80	21.38	23.98		5.40		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	-		7.47	8.88		8.12		-	Pass
HE20	MCS0	2	100	5500	26/0			6.20	8.88		8.12			Pass
HE20	MCS0	2	100	5500	52/37			7.86	8.88		8.12			Pass
HE20	MCS0	2	100	5500	106/53			7.85	8.88		8.12			Pass
HE20	MCS0	2	116	5580	Full			7.76	8.88		8.12			Pass
HE20	MCS0	2	116	5580	26/4			5.10	8.88		8.12			Pass
HE20	MCS0	2	140	5700	Full			7.70	8.88		8.12			Pass
HE20	MCS0	2	140	5700	26/8			6.28	8.88		8.12			Pass
HE20	MCS0	2	140	5700	52/40			7.41	8.88		8.12			Pass
HE20	MCS0	2	140	5700	106/54			7.63	8.88		8.12			Pass
HE40	MCS0	2	102	5510	Full			6.84	8.88		8.12			Pass
HE40	MCS0	2	110	5550	Full			7.66	8.88		8.12			Pass
HE40	MCS0	2	134	5670	Full			7.85	8.88		8.12			Pass
HE80	MCS0	2	106	5530	Full			2.02	8.88		8.12			Pass
HE80	MCS0	2	122	5610	Full			4.74	8.88		8.12			Pass
HE160	MCS0	2	114	5570	Full			2.24	8.88		8.12			Pass

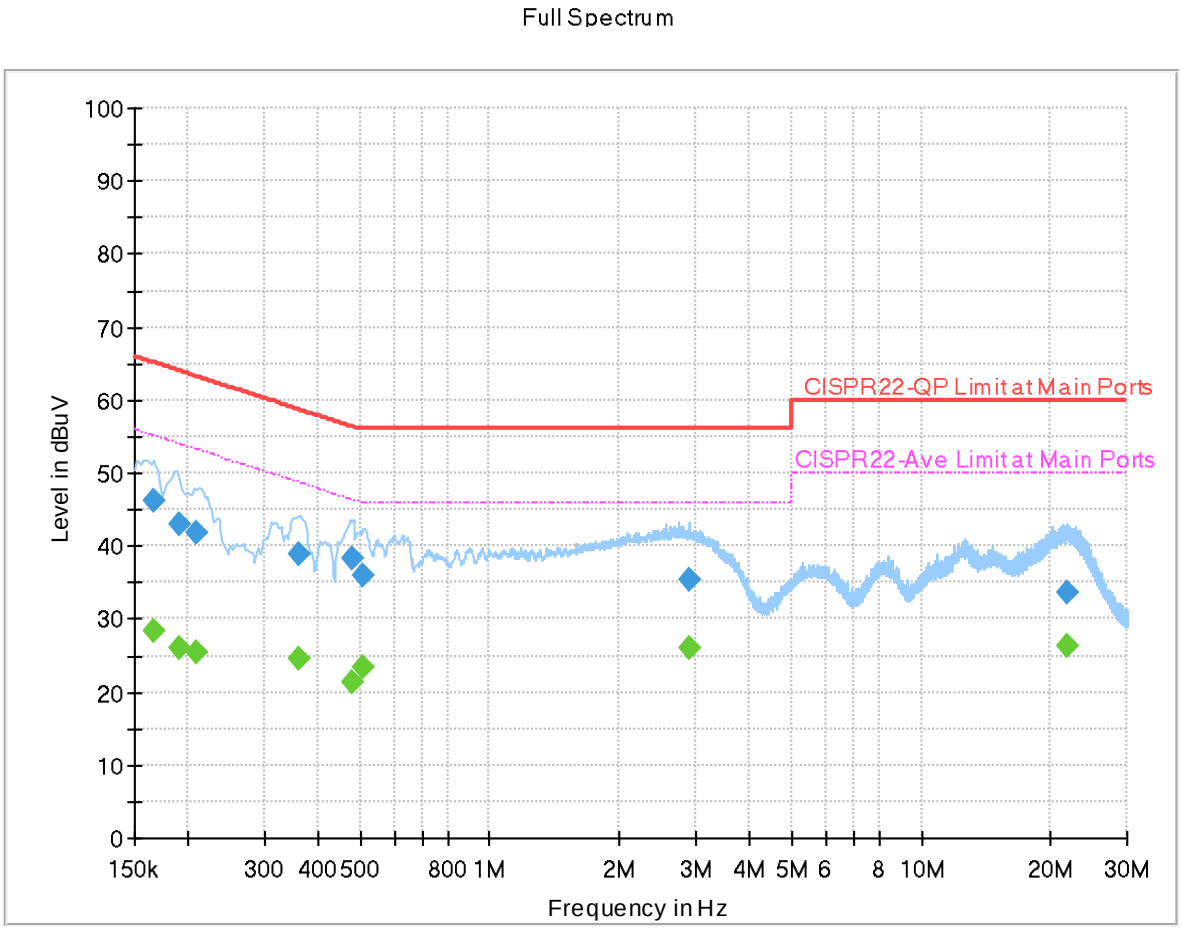
U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	-		7.80	8.88		8.12		-	Pass
HE40	MCS0	2	142	5710	Full			7.84	8.88		8.12			Pass
HE80	MCS0	2	138	5690	Full			4.62	8.88		8.12			Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.5~25.1℃
		Relative Humidity :	52.3~68.9%

EUT Information

Report NO :	261607-06
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

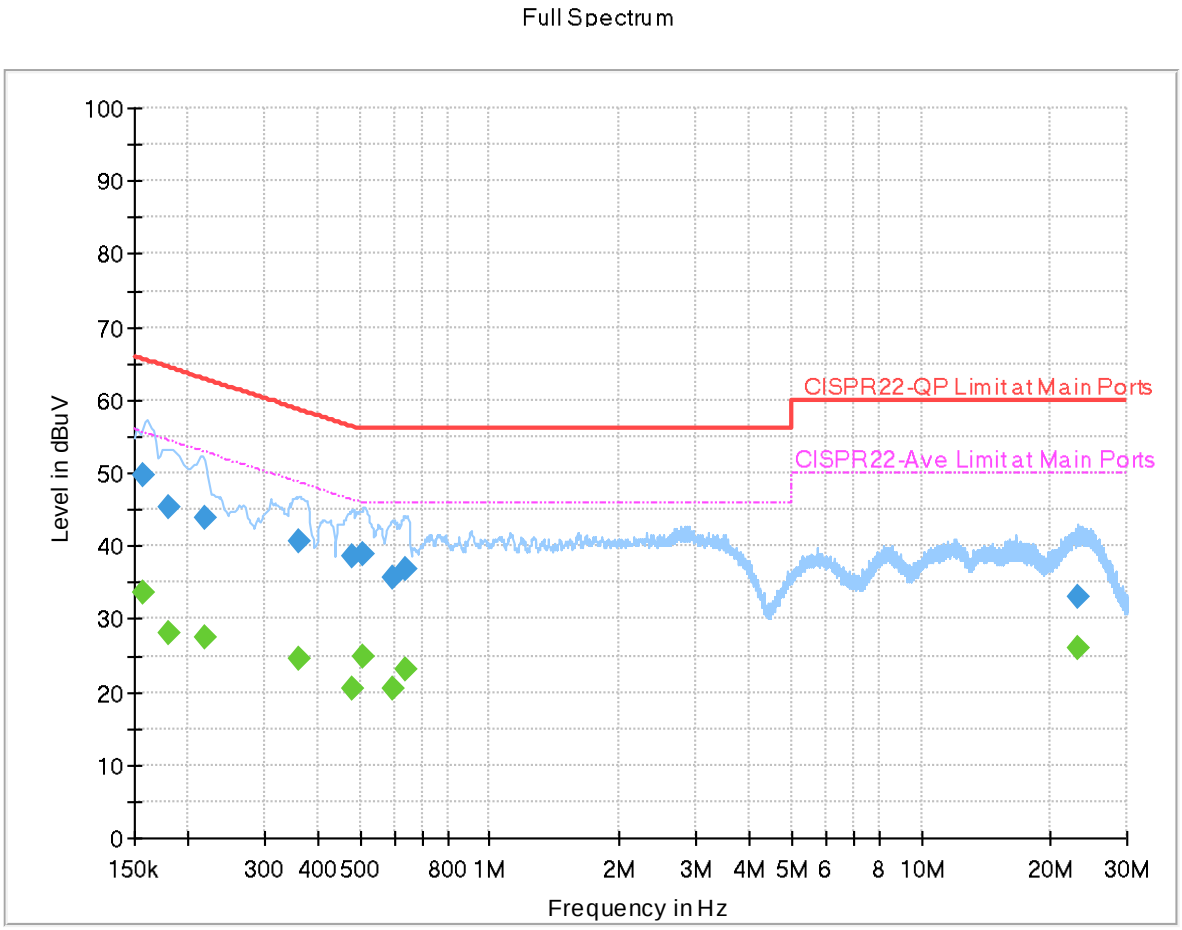


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.166920	---	28.37	55.11	26.74	L1	OFF	19.9
0.166920	46.10	---	65.11	19.01	L1	OFF	19.9
0.190320	---	26.08	54.02	27.94	L1	OFF	19.9
0.190320	42.85	---	64.02	21.17	L1	OFF	19.9
0.209850	---	25.42	53.21	27.79	L1	OFF	20.0
0.209850	41.84	---	63.21	21.37	L1	OFF	20.0
0.359250	---	24.61	48.75	24.14	L1	OFF	20.0
0.359250	38.91	---	58.75	19.84	L1	OFF	20.0
0.478500	---	21.44	46.37	24.93	L1	OFF	20.0
0.478500	38.29	---	56.37	18.08	L1	OFF	20.0
0.505410	---	23.44	46.00	22.56	L1	OFF	20.0
0.505410	35.95	---	56.00	20.05	L1	OFF	20.0
2.900670	---	26.00	46.00	20.00	L1	OFF	20.0
2.900670	35.39	---	56.00	20.61	L1	OFF	20.0
21.924960	---	26.34	50.00	23.66	L1	OFF	20.2
21.924960	33.66	---	60.00	26.34	L1	OFF	20.2

EUT Information

Report NO :	261607-06
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)
0.156750	---	33.75	55.63	21.88	N	OFF	20.0
0.156750	49.64	---	65.63	15.99	N	OFF	20.0
0.179250	---	28.11	54.52	26.41	N	OFF	20.0
0.179250	45.33	---	64.52	19.19	N	OFF	20.0
0.217500	---	27.37	52.91	25.54	N	OFF	20.0
0.217500	43.80	---	62.91	19.11	N	OFF	20.0
0.361500	---	24.54	48.69	24.15	N	OFF	20.0
0.361500	40.77	---	58.69	17.92	N	OFF	20.0
0.481920	---	20.34	46.31	25.97	N	OFF	20.0
0.481920	38.69	---	56.31	17.62	N	OFF	20.0
0.510090	---	24.79	46.00	21.21	N	OFF	20.0
0.510090	38.88	---	56.00	17.12	N	OFF	20.0
0.593520	---	20.57	46.00	25.43	N	OFF	20.0
0.593520	35.58	---	56.00	20.42	N	OFF	20.0
0.638970	---	23.08	46.00	22.92	N	OFF	20.0
0.638970	36.89	---	56.00	19.11	N	OFF	20.0
23.212230	---	26.12	50.00	23.88	N	OFF	20.2
23.212230	33.01	---	60.00	26.99	N	OFF	20.2

Appendix C. Radiated Spurious Emission

Test Engineer :	Yuan Lee, JC Liang and Troye Hsieh	Temperature :	17.9~25.9°C
		Relative Humidity :	51.1~67.1%

<Sample 1>

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.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5145.6	55.89	-18.11	74	45.77	33.19	10.57	33.64	269	0	P	H
		5147.42	46.99	-7.01	54	36.87	33.19	10.57	33.64	269	0	A	H
	*	5180	115.63	-	-	105.55	33.14	10.58	33.64	269	0	P	H
	*	5180	108.96	-	-	98.88	33.14	10.58	33.64	269	0	A	H
													H
													H
		5148.98	52.65	-21.35	74	42.52	33.2	10.57	33.64	400	98	P	V
		5150	42.98	-11.02	54	32.85	33.2	10.57	33.64	400	98	A	V
	*	5180	109.59	-	-	99.51	33.14	10.58	33.64	400	98	P	V
	*	5180	102.98	-	-	92.9	33.14	10.58	33.64	400	98	A	V
													V
													V
802.11a CH 44 5220MHz		5084.24	52.57	-21.43	74	42.51	33.16	10.54	33.64	309	2	P	H
		5148.46	43.97	-10.03	54	33.84	33.2	10.57	33.64	309	2	A	H
	*	5220	116.02	-	-	105.92	33.1	10.64	33.64	309	2	P	H
	*	5220	107.84	-	-	97.74	33.1	10.64	33.64	309	2	A	H
		5450.88	51.65	-22.35	74	41.16	33	11.11	33.62	309	2	P	H
		5458.8	40.95	-13.05	54	30.44	33.02	11.11	33.62	309	2	A	H
		5002.86	51.99	-22.01	74	41.83	33.3	10.51	33.65	305	111	P	V
		5047.32	41.95	-12.05	54	31.77	33.3	10.53	33.65	305	111	A	V
	*	5220	109.76	-	-	99.66	33.1	10.64	33.64	305	111	P	V
	*	5220	101.62	-	-	91.52	33.1	10.64	33.64	305	111	A	V
		5361.6	50.89	-23.11	74	40.61	32.92	10.99	33.63	305	111	P	V
		5458.8	40.7	-13.3	54	30.19	33.02	11.11	33.62	305	111	A	V

802.11a CH 48 5240MHz		5138.58	52.31	-21.69	74	42.2	33.18	10.57	33.64	185	8	P	H
		5150	42.49	-11.51	54	32.36	33.2	10.57	33.64	185	8	A	H
	*	5240	115.95	-	-	105.8	33.1	10.69	33.64	185	8	P	H
	*	5240	107.59	-	-	97.44	33.1	10.69	33.64	185	8	A	H
		5437.2	50.9	-23.1	74	40.42	33	11.1	33.62	185	8	P	H
		5458.08	40.96	-13.04	54	30.45	33.02	11.11	33.62	185	8	A	H
		5147.16	52.05	-21.95	74	41.93	33.19	10.57	33.64	302	121	P	V
		5057.2	41.9	-12.1	54	31.75	33.27	10.53	33.65	302	121	A	V
	*	5240	107.97	-	-	97.82	33.1	10.69	33.64	302	121	P	V
	*	5240	100.91	-	-	90.76	33.1	10.69	33.64	302	121	A	V
		5439.6	50.38	-23.62	74	39.9	33	11.1	33.62	302	121	P	V
		5459.76	40.73	-13.27	54	30.22	33.02	11.11	33.62	302	121	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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		5758	59.42	-8.78	68.2	47.88	33.85	11.33	33.64	269	0	P	H
		6904	57.64	-10.56	68.2	43.28	35.8	12.89	34.33	269	0	P	H
		10360	45.63	-22.57	68.2	49.55	38.86	17.53	60.31	-	-	P	H
		15540	45.94	-28.06	74	47.89	38.18	21.87	62	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		6910	57.76	-10.44	68.2	43.39	35.8	12.91	34.34	400	98	P	V
		10360	45.43	-22.77	68.2	49.35	38.86	17.53	60.31	-	-	P	V
		15540	47.14	-26.86	74	49.09	38.18	21.87	62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	57.02	-11.18	68.2	45.48	33.85	11.33	33.64	309	2	P	H
		10440	46.3	-21.9	68.2	50.25	38.9	17.6	60.45	-	-	P	H
		15660	46.14	-27.86	74	48.06	37.88	21.94	61.74	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		5758	54.32	-13.88	68.2	42.78	33.85	11.33	33.64	305	111	P	V
		10440	46.33	-21.87	68.2	50.28	38.9	17.6	60.45	-	-	P	V
		15660	46	-28	74	47.92	37.88	21.94	61.74	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	58.2	-10	68.2	46.66	33.85	11.33	33.64	185	8	P	H
		6988	58.61	-9.59	68.2	44.06	35.8	13.15	34.4	185	8	P	H
		10480	45.06	-23.14	68.2	49.04	38.9	17.64	60.52	-	-	P	H
		15720	46.04	-27.96	74	47.87	37.8	21.98	61.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz		10480	44.83	-23.37	68.2	48.81	38.9	17.64	60.52	-	-	P	V
		15720	46.05	-27.95	74	47.88	37.8	21.98	61.61	-	-	P	V
													V
													V
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													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 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5149.5	55.93	-18.07	74	45.8	33.2	10.57	33.64	269	5	P	H
		5150	45.89	-8.11	54	35.76	33.2	10.57	33.64	269	5	A	H
	*	5180	117.63	-	-	107.55	33.14	10.58	33.64	269	5	P	H
	*	5180	108.26	-	-	98.18	33.14	10.58	33.64	269	5	A	H
802.11ax													H
HE20 Full													H
CH 36		5076.96	51.97	-22.03	74	41.89	33.19	10.54	33.65	267	122	P	V
5180MHz		5150	42.71	-11.29	54	32.58	33.2	10.57	33.64	267	122	A	V
	*	5180	110.16	-	-	100.08	33.14	10.58	33.64	267	122	P	V
	*	5180	101.12	-	-	91.04	33.14	10.58	33.64	267	122	A	V
													V
													V
		5147.16	52.54	-21.46	74	42.42	33.19	10.57	33.64	251	5	P	H
		5145.08	43.11	-10.89	54	32.99	33.19	10.57	33.64	251	5	A	H
	*	5220	116.29	-	-	106.19	33.1	10.64	33.64	251	5	P	H
	*	5220	107.73	-	-	97.63	33.1	10.64	33.64	251	5	A	H
802.11ax		5360.64	52.02	-21.98	74	41.75	32.92	10.98	33.63	251	5	P	H
HE20 Full		5456.64	40.93	-13.07	54	30.43	33.01	11.11	33.62	251	5	A	H
CH 44		5132.08	52.24	-21.76	74	42.16	33.16	10.56	33.64	356	120	P	V
5220MHz		5048.62	41.93	-12.07	54	31.75	33.3	10.53	33.65	356	120	A	V
	*	5220	110.16	-	-	100.06	33.1	10.64	33.64	356	120	P	V
	*	5220	101.37	-	-	91.27	33.1	10.64	33.64	356	120	A	V
		5365.2	51.63	-22.37	74	41.34	32.93	10.99	33.63	356	120	P	V
		5459.76	40.71	-13.29	54	30.2	33.02	11.11	33.62	356	120	A	V

		5038.48	52.86	-21.14	74	42.68	33.3	10.53	33.65	291	5	P	H
		5147.16	42.58	-11.42	54	32.46	33.19	10.57	33.64	291	5	A	H
	*	5240	116.81	-	-	106.66	33.1	10.69	33.64	291	5	P	H
	*	5240	108.18	-	-	98.03	33.1	10.69	33.64	291	5	A	H
802.11ax		5406.48	51.37	-22.63	74	40.92	33	11.08	33.63	291	5	P	H
HE20 Full		5458.8	40.99	-13.01	54	30.48	33.02	11.11	33.62	291	5	A	H
CH 48		5071.5	51.49	-22.51	74	41.39	33.21	10.54	33.65	336	116	P	V
5240MHz		5047.32	41.95	-12.05	54	31.77	33.3	10.53	33.65	336	116	A	V
	*	5240	111.11	-	-	100.96	33.1	10.69	33.64	336	116	P	V
	*	5240	101.71	-	-	91.56	33.1	10.69	33.64	336	116	A	V
		5429.04	51.67	-22.33	74	41.19	33	11.1	33.62	336	116	P	V
		5458.8	40.78	-13.22	54	30.27	33.02	11.11	33.62	336	116	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	57.48	-10.72	68.2	45.94	33.85	11.33	33.64	269	5	P	H
		6904	58.05	-10.15	68.2	43.69	35.8	12.89	34.33	269	5	P	H
		10360	45.82	-22.38	68.2	49.74	38.86	17.53	60.31	-	-	P	H
		15540	47.42	-26.58	74	49.37	38.18	21.87	62	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	45.75	-22.45	68.2	49.67	38.86	17.53	60.31	-	-	P	V
5180MHz		15540	45.86	-28.14	74	47.81	38.18	21.87	62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	57.94	-10.26	68.2	46.4	33.85	11.33	33.64	251	5	P	H
		10440	46.3	-21.9	68.2	50.25	38.9	17.6	60.45	-	-	P	H
		15660	46.61	-27.39	74	48.53	37.88	21.94	61.74	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	46.32	-21.88	68.2	50.27	38.9	17.6	60.45	-	-	P	V
5220MHz		15660	45.96	-28.04	74	47.88	37.88	21.94	61.74	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	57.78	-10.42	68.2	46.24	33.85	11.33	33.64	291	5	P	H
		10480	46.28	-21.92	68.2	50.26	38.9	17.64	60.52	-	-	P	H
		15720	47.04	-26.96	74	48.87	37.8	21.98	61.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	46.82	-21.38	68.2	50.8	38.9	17.64	60.52	-	-	P	V
5240MHz		15720	46.51	-27.49	74	48.34	37.8	21.98	61.61	-	-	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. 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		5149.24	52.68	-21.32	74	42.55	33.2	10.57	33.64	200	16	P	H
		5149.24	42.5	-11.5	54	32.37	33.2	10.57	33.64	200	16	A	H
	*	5180	120.76	-	-	110.68	33.14	10.58	33.64	200	16	P	H
	*	5180	111.74	-	-	101.66	33.14	10.58	33.64	200	16	A	H
													H
													H
		5076.7	52.67	-21.33	74	42.59	33.19	10.54	33.65	300	116	P	V
		5045.76	41.88	-12.12	54	31.7	33.3	10.53	33.65	300	116	A	V
	*	5180	112.16	-	-	102.08	33.14	10.58	33.64	300	116	P	V
	*	5180	105.4	-	-	95.32	33.14	10.58	33.64	300	116	A	V
													V
													V
802.11ax HE20 Partial 26/4 CH 44 5220MHz		5057.46	52.21	-21.79	74	42.06	33.27	10.53	33.65	165	19	P	H
		5057.2	42.01	-11.99	54	31.86	33.27	10.53	33.65	165	19	A	H
	*	5220	119.47	-	-	109.37	33.1	10.64	33.64	165	19	P	H
	*	5220	109.5	-	-	99.4	33.1	10.64	33.64	165	19	A	H
		5449.44	50.39	-23.61	74	39.9	33	11.11	33.62	165	19	P	H
		5459.28	40.86	-13.14	54	30.35	33.02	11.11	33.62	165	19	A	H
		5055.12	51.87	-22.13	74	41.71	33.28	10.53	33.65	305	116	P	V
		5043.42	41.92	-12.08	54	31.74	33.3	10.53	33.65	305	116	A	V
	*	5220	110.26	-	-	100.16	33.1	10.64	33.64	305	116	P	V
	*	5220	103.38	-	-	93.28	33.1	10.64	33.64	305	116	A	V
		5415.84	50.3	-23.7	74	39.84	33	11.09	33.63	305	116	P	V
		5460	40.71	-13.29	54	30.2	33.02	11.11	33.62	305	116	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. 0+1	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)
		5758	57.37	-10.83	68.2	45.83	33.85	11.33	33.64	200	16	P	H
		6904	61.03	-7.17	68.2	46.67	35.8	12.89	34.33	200	16	P	H
		10360	46.54	-21.66	68.2	50.46	38.86	17.53	60.31	-	-	P	H
		15540	45.72	-28.28	74	47.67	38.18	21.87	62	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/0 CH 36 5180MHz													H
		10360	47.56	-20.64	68.2	51.48	38.86	17.53	60.31	-	-	P	V
		15540	46.52	-27.48	74	48.47	38.18	21.87	62	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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 44 5220MHz		5758	58.03	-10.17	68.2	46.49	33.85	11.33	33.64	165	19	P	H
		6958	61.19	-7.01	68.2	46.71	35.8	13.06	34.38	165	19	P	H
		10440	47.31	-20.89	68.2	51.26	38.9	17.6	60.45	-	-	P	H
		15660	47.18	-26.82	74	49.1	37.88	21.94	61.74	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	47.31	-20.89	68.2	51.26	38.9	17.6	60.45	-	-	P	V
		15660	46.77	-27.23	74	48.69	37.88	21.94	61.74	-	-	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 52 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5134.68	52.49	-21.51	74	42.4	33.17	10.56	33.64	300	9	P	H
		5143.26	42.55	-11.45	54	32.43	33.19	10.57	33.64	300	9	A	H
	*	5180	115.85	-	-	105.77	33.14	10.58	33.64	300	9	P	H
802.11ax	*	5180	108.14	-	-	98.06	33.14	10.58	33.64	300	9	A	H
HE20													H
Partial													H
52/37		5092.56	53.14	-20.86	74	43.1	33.13	10.55	33.64	400	99	P	V
CH 36		5043.42	41.96	-12.04	54	31.78	33.3	10.53	33.65	400	99	A	V
5180MHz	*	5180	109.95	-	-	99.87	33.14	10.58	33.64	400	99	P	V
	*	5180	103.14	-	-	93.06	33.14	10.58	33.64	400	99	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. 0+1	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	56.33	-17.67	74	46.21	33.19	10.57	33.64	304	0	P	H
		5146.12	42.96	-11.04	54	32.84	33.19	10.57	33.64	304	0	A	H
	*	5180	117.84	-	-	107.76	33.14	10.58	33.64	304	0	P	H
802.11ax	*	5180	109.75	-	-	99.67	33.14	10.58	33.64	304	0	A	H
HE20													H
Partial													H
106/53		5150	52.44	-21.56	74	42.31	33.2	10.57	33.64	362	103	P	V
CH 36		5046.54	42	-12	54	31.82	33.3	10.53	33.65	362	103	A	V
5180MHz	*	5180	111.71	-	-	101.63	33.14	10.58	33.64	362	103	P	V
	*	5180	104.45	-	-	94.37	33.14	10.58	33.64	362	103	A	V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5144.82	62.83	-11.17	74	52.71	33.19	10.57	33.64	282	0	P	H
		5145.34	52.45	-1.55	54	42.33	33.19	10.57	33.64	282	0	A	H
	*	5190	112.61	-	-	102.54	33.12	10.59	33.64	282	0	P	H
	*	5190	103.92	-	-	93.85	33.12	10.59	33.64	282	0	A	H
802.11ax		5445.44	50.51	-23.49	74	40.03	33	11.1	33.62	282	0	P	H
HE40 Full		5458.32	41.02	-12.98	54	30.51	33.02	11.11	33.62	282	0	A	H
CH 38		5143	56.3	-17.7	74	46.18	33.19	10.57	33.64	343	108	P	V
5190MHz		5150	47.91	-6.09	54	37.78	33.2	10.57	33.64	343	108	A	V
	*	5190	107.77	-	-	97.7	33.12	10.59	33.64	343	108	P	V
	*	5190	99.89	-	-	89.82	33.12	10.59	33.64	343	108	A	V
		5447.12	50.99	-23.01	74	40.5	33	11.11	33.62	343	108	P	V
		5458.6	40.79	-13.21	54	30.28	33.02	11.11	33.62	343	108	A	V
		5146.12	60.31	-13.69	74	50.19	33.19	10.57	33.64	281	0	P	H
		5146.38	48.34	-5.66	54	38.22	33.19	10.57	33.64	281	0	A	H
	*	5230	114.78	-	-	104.66	33.1	10.66	33.64	281	0	P	H
	*	5230	106.36	-	-	96.24	33.1	10.66	33.64	281	0	A	H
802.11ax		5363.68	52.44	-21.56	74	42.15	32.93	10.99	33.63	281	0	P	H
HE40 Full		5354.16	42.72	-11.28	54	32.47	32.91	10.97	33.63	281	0	A	H
CH 46		5145.86	54.29	-19.71	74	44.17	33.19	10.57	33.64	336	108	P	V
5230MHz		5150	45.07	-8.93	54	34.94	33.2	10.57	33.64	336	108	A	V
	*	5230	109.93	-	-	99.81	33.1	10.66	33.64	336	108	P	V
	*	5230	101.83	-	-	91.71	33.1	10.66	33.64	336	108	A	V
		5405.68	52.1	-21.9	74	41.65	33	11.08	33.63	336	108	P	V
		5458.32	40.85	-13.15	54	30.34	33.02	11.11	33.62	336	108	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	56.19	-12.01	68.2	44.65	33.85	11.33	33.64	282	0	P	H
		10380	46.2	-22	68.2	50.11	38.88	17.55	60.34	-	-	P	H
		15570	46.17	-27.83	74	48.13	38.09	21.89	61.94	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		5758	54.35	-13.85	68.2	42.81	33.85	11.33	33.64	343	108	P	V
5190MHz		10380	45.83	-22.37	68.2	49.74	38.88	17.55	60.34	-	-	P	V
		15570	45.15	-28.85	74	47.11	38.09	21.89	61.94	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	58.1	-10.1	68.2	46.56	33.85	11.33	33.64	281	0	P	H
		10460	47.42	-20.78	68.2	51.38	38.9	17.62	60.48	-	-	P	H
		15690	46.34	-27.66	74	48.24	37.82	21.96	61.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		6973	57.81	-10.39	68.2	43.3	35.8	13.1	34.39	336	108	P	V
5230MHz		10460	46.23	-21.97	68.2	50.19	38.9	17.62	60.48	-	-	P	V
		15690	46.14	-27.86	74	48.04	37.82	21.96	61.68	-	-	P	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. 0+1	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)
		5139.62	62.42	-11.58	74	52.31	33.18	10.57	33.64	186	18	P	H
		5140.92	52.38	-1.62	54	42.27	33.18	10.57	33.64	186	18	A	H
	*	5210	108.05	-	-	97.98	33.1	10.61	33.64	186	18	P	H
	*	5210	99	-	-	88.93	33.1	10.61	33.64	186	18	A	H
802.11ax		5412.42	51.75	-22.25	74	41.29	33	11.09	33.63	186	18	P	H
HE80 Full		5352.62	41.31	-12.69	54	31.07	32.91	10.96	33.63	186	18	A	H
CH 42		5143.26	57.63	-16.37	74	47.51	33.19	10.57	33.64	325	115	P	V
5210MHz		5142.22	47.71	-6.29	54	37.6	33.18	10.57	33.64	325	115	A	V
	*	5210	102.31	-	-	92.24	33.1	10.61	33.64	325	115	P	V
	*	5210	94.26	-	-	84.19	33.1	10.61	33.64	325	115	A	V
		5382	50.23	-23.77	74	39.86	32.96	11.04	33.63	325	115	P	V
		5456.36	40.95	-13.05	54	30.45	33.01	11.11	33.62	325	115	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	56.79	-11.41	68.2	45.25	33.85	11.33	33.64	186	18	P	H
		6946	61.36	-6.84	68.2	46.91	35.8	13.02	34.37	186	18	P	H
		10420	45.19	-23.01	68.2	49.12	38.9	17.58	60.41	-	-	P	H
		15630	46.14	-27.86	74	48.09	37.94	21.92	61.81	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	46.09	-22.11	68.2	50.02	38.9	17.58	60.41	-	-	P	V
5210MHz		15630	46.78	-27.22	74	48.73	37.94	21.92	61.81	-	-	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 HE160 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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 HE160 Full CH 50 5250MHz		5117.99	62.9	-11.1	74	52.84	33.14	10.56	33.64	288	0	P	H
		5145.26	52.49	-1.51	54	42.37	33.19	10.57	33.64	288	0	P	H
	*	5250	104.2	-	-	94.03	33.1	10.71	33.64	288	0	P	H
	*	5250	94.39	-	-	84.22	33.1	10.71	33.64	288	0	A	H
		5394	59.82	-14.18	74	49.39	32.99	11.07	33.63	288	0	P	H
		5355.84	49.7	-4.3	54	39.45	32.91	10.97	33.63	288	0	A	H
		5111.51	58.01	-15.99	74	47.98	33.12	10.55	33.64	352	110	P	V
		5111.78	48.26	-5.74	54	38.23	33.12	10.55	33.64	352	110	A	V
	*	5250	96.53	-	-	86.36	33.1	10.71	33.64	352	110	P	V
	*	5250	87.97	-	-	77.8	33.1	10.71	33.64	352	110	A	V
		5381.52	53.43	-20.57	74	43.07	32.96	11.03	33.63	352	110	P	V
		5353.68	43.62	-10.38	54	33.37	32.91	10.97	33.63	352	110	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 HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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)
		7000	60.62	-7.58	68.2	68.03	35.8	15.57	58.78	154	14	P	H
		10500	44.83	-23.37	68.2	48.82	38.9	17.66	60.55	-	-	P	H
		15750	45.82	-28.18	74	47.58	37.8	21.99	61.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		7000	55.24	-12.96	68.2	62.65	35.8	15.57	58.78	213	241	P	V
5250MHz		10500	44.51	-23.69	68.2	48.5	38.9	17.66	60.55	-	-	P	V
		15750	45.66	-28.34	74	47.42	37.8	21.99	61.55	-	-	P	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. 0+1	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		5069.36	53.18	-20.82	74	43.07	33.22	10.54	33.65	200	8	P	H
		5146.54	42.66	-11.34	54	32.54	33.19	10.57	33.64	200	8	A	H
	*	5260	116.48	-	-	106.29	33.08	10.74	33.63	200	8	P	H
	*	5260	108.51	-	-	98.32	33.08	10.74	33.63	200	8	A	H
		5350.08	52.1	-21.9	74	41.87	32.9	10.96	33.63	200	8	P	H
		5352	41.83	-12.17	54	31.6	32.9	10.96	33.63	200	8	A	H
		5081.94	52.75	-21.25	74	42.69	33.17	10.54	33.65	350	110	P	V
		5039.78	42.05	-11.95	54	31.87	33.3	10.53	33.65	350	110	A	V
	*	5260	110.44	-	-	100.25	33.08	10.74	33.63	350	110	P	V
	*	5260	102.34	-	-	92.15	33.08	10.74	33.63	350	110	A	V
		5436	51.14	-22.86	74	40.66	33	11.1	33.62	350	110	P	V
		5459.52	40.93	-13.07	54	30.42	33.02	11.11	33.62	350	110	A	V
802.11a CH 60 5300MHz		5010.88	53.16	-20.84	74	43	33.3	10.51	33.65	245	7	P	H
		5056.78	42.08	-11.92	54	31.93	33.27	10.53	33.65	245	7	A	H
	*	5300	115.59	-	-	105.38	33	10.84	33.63	245	7	P	H
	*	5300	108.02	-	-	97.81	33	10.84	33.63	245	7	A	H
		5356.08	52.56	-21.44	74	42.31	32.91	10.97	33.63	245	7	P	H
		5352.24	43	-11	54	32.77	32.9	10.96	33.63	245	7	A	H
		5001.02	52.12	-21.88	74	41.96	33.3	10.51	33.65	346	121	P	V
		5044.2	41.97	-12.03	54	31.79	33.3	10.53	33.65	346	121	A	V
	*	5300	109.12	-	-	98.91	33	10.84	33.63	346	121	P	V
	*	5300	101.5	-	-	91.29	33	10.84	33.63	346	121	A	V
		5380.8	51.43	-22.57	74	41.07	32.96	11.03	33.63	346	121	P	V
		5457.12	40.95	-13.05	54	30.45	33.01	11.11	33.62	346	121	A	V

	*	5320	117.12	-	-	106.91	32.96	10.88	33.63	272	0	P	H
	*	5320	108.79	-	-	98.58	32.96	10.88	33.63	272	0	A	H
		5351.36	56.29	-17.71	74	46.06	32.9	10.96	33.63	272	0	P	H
		5352.8	46.22	-7.78	54	35.98	32.91	10.96	33.63	272	0	A	H
													H
802.11a													H
CH 64	*	5320	109.13	-	-	98.92	32.96	10.88	33.63	300	115	P	V
5320MHz	*	5320	101.48	-	-	91.27	32.96	10.88	33.63	300	115	A	V
		5379.84	51.72	-22.28	74	41.36	32.96	11.03	33.63	300	115	P	V
		5351.2	42.05	-11.95	54	31.82	32.9	10.96	33.63	300	115	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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		5758	58.25	-9.95	68.2	46.71	33.85	11.33	33.64	200	8	P	H
		7013	59.95	-8.25	68.2	67.33	35.85	15.55	58.78	175	346	P	H
		10520	46.83	-21.37	68.2	50.78	38.94	17.68	60.57	-	-	P	H
		15780	45.72	-28.28	74	47.41	37.8	22	61.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		5758	54.69	-13.51	68.2	43.15	33.85	11.33	33.64	350	110	P	V
		7013	57.65	-10.55	68.2	65.03	35.85	15.55	58.78	399	77	P	V
		10520	46.69	-21.51	68.2	50.64	38.94	17.68	60.57	-	-	P	V
		15780	45.86	-28.14	74	47.55	37.8	22	61.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	58.03	-10.17	68.2	46.49	33.85	11.33	33.64	245	7	P	H
		7066	60.09	-8.11	68.2	67.33	36.1	15.43	58.77	173	348	P	H
		10600	46.42	-27.58	74	50.25	39.1	17.74	60.67	-	-	P	H
		15900	47.47	-26.53	74	48.73	37.9	22.07	61.23	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz		7066	57.24	-10.96	68.2	64.48	36.1	15.43	58.77	379	81	P	V
		10600	46.04	-27.96	74	49.87	39.1	17.74	60.67	-	-	P	V
		15900	46.13	-27.87	74	47.39	37.9	22.07	61.23	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7093	59.71	-8.49	68.2	66.84	36.26	15.38	58.77	148	346	P	H
		10640	45.86	-28.14	74	49.61	39.18	17.79	60.72	-	-	P	H
		15960	45.38	-28.62	74	46.59	37.78	22.11	61.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz		7093	56.61	-11.59	68.2	63.74	36.26	15.38	58.77	375	80	P	V
		10640	46.37	-27.63	74	50.12	39.18	17.79	60.72	-	-	P	V
		15960	45.24	-28.76	74	46.45	37.78	22.11	61.1	-	-	P	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 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5090.78	52.87	-21.13	74	42.82	33.14	10.55	33.64	250	7	P	H
		5142.8	42.47	-11.53	54	32.35	33.19	10.57	33.64	250	7	A	H
	*	5260	116.33	-	-	106.14	33.08	10.74	33.63	250	7	P	H
	*	5260	107.63	-	-	97.44	33.08	10.74	33.63	250	7	A	H
802.11ax		5362.08	51.41	-22.59	74	41.13	32.92	10.99	33.63	250	7	P	H
HE20 Full		5351.52	41.52	-12.48	54	31.29	32.9	10.96	33.63	250	7	A	H
CH 52		5135.32	52.96	-21.04	74	42.87	33.17	10.56	33.64	350	116	P	V
5260MHz		5042.16	42.1	-11.9	54	31.92	33.3	10.53	33.65	350	116	A	V
	*	5260	111	-	-	100.81	33.08	10.74	33.63	350	116	P	V
	*	5260	102.02	-	-	91.83	33.08	10.74	33.63	350	116	A	V
		5426.64	51.4	-22.6	74	40.93	33	11.09	33.62	350	116	P	V
		5456.4	40.87	-13.13	54	30.37	33.01	11.11	33.62	350	116	A	V
		5074.8	52.93	-21.07	74	42.84	33.2	10.54	33.65	273	360	P	H
		5145.18	42.07	-11.93	54	31.95	33.19	10.57	33.64	273	360	A	H
	*	5300	116.83	-	-	106.62	33	10.84	33.63	273	360	P	H
	*	5300	108.04	-	-	97.83	33	10.84	33.63	273	360	A	H
802.11ax		5352.96	53.91	-20.09	74	43.67	32.91	10.96	33.63	273	360	P	H
HE20 Full		5354.88	44.24	-9.76	54	33.99	32.91	10.97	33.63	273	360	A	H
CH 60		5131.24	52.41	-21.59	74	42.33	33.16	10.56	33.64	300	115	P	V
5300MHz		5043.18	41.97	-12.03	54	31.79	33.3	10.53	33.65	300	115	A	V
	*	5300	110.16	-	-	99.95	33	10.84	33.63	300	115	P	V
	*	5300	100.4	-	-	90.19	33	10.84	33.63	300	115	A	V
		5430.24	51.39	-22.61	74	40.91	33	11.1	33.62	300	115	P	V
		5351.28	41.36	-12.64	54	31.13	32.9	10.96	33.63	300	115	A	V

	*	5320	117.76	-	-	107.55	32.96	10.88	33.63	195	360	P	H
	*	5320	108.93	-	-	98.72	32.96	10.88	33.63	195	360	A	H
		5354.4	60.78	-13.22	74	50.53	32.91	10.97	33.63	195	360	P	H
		5355.36	47.51	-6.49	54	37.26	32.91	10.97	33.63	195	360	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	109.27	-	-	99.06	32.96	10.88	33.63	300	120	P	V
5320MHz	*	5320	100.97	-	-	90.76	32.96	10.88	33.63	300	120	A	V
		5350.72	58.83	-15.17	74	48.6	32.9	10.96	33.63	300	120	P	V
		5352.64	43.46	-10.54	54	33.22	32.91	10.96	33.63	300	120	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	58.33	-9.87	68.2	46.79	33.85	11.33	33.64	250	7	P	H
		7013	60.15	-8.05	68.2	67.53	35.85	15.55	58.78	175	346	P	H
		10520	46.11	-22.09	68.2	50.06	38.94	17.68	60.57	-	-	P	H
		15780	46.14	-27.86	74	47.83	37.8	22	61.49	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		5758	54.54	-13.66	68.2	43	33.85	11.33	33.64	350	116	P	V
5260MHz		7013	57.54	-10.66	68.2	64.92	35.85	15.55	58.78	399	78	P	V
		10520	46.12	-22.08	68.2	50.07	38.94	17.68	60.57	-	-	P	V
		15780	45.95	-28.05	74	47.64	37.8	22	61.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	56.33	-11.87	68.2	44.79	33.85	11.33	33.64	273	360	P	H
		7066	60.22	-7.98	68.2	67.46	36.1	15.43	58.77	173	348	P	H
		10600	46.84	-27.16	74	50.67	39.1	17.74	60.67	-	-	P	H
		15900	45.78	-28.22	74	47.04	37.9	22.07	61.23	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		7066	57.48	-10.72	68.2	64.72	36.1	15.43	58.77	379	72	P	V
5300MHz		10600	46.64	-27.36	74	50.47	39.1	17.74	60.67	-	-	P	V
		15900	46.42	-27.58	74	47.68	37.9	22.07	61.23	-	-	P	V
													V
													V
													V
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													V
													V

WIFI Ant. 0+1	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)
		7093	59.65	-8.55	68.2	66.78	36.26	15.38	58.77	195	348	P	H
		10640	45.58	-28.42	74	49.33	39.18	17.79	60.72	-	-	P	H
		15960	45.8	-28.2	74	47.01	37.78	22.11	61.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		7093	56.97	-11.23	68.2	64.1	36.26	15.38	58.77	362	73	P	V
5320MHz		10640	46.32	-27.68	74	50.07	39.18	17.79	60.72	-	-	P	V
		15960	45.51	-28.49	74	46.72	37.78	22.11	61.1	-	-	P	V
													V
													V
													V
													V
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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. 0+1	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 60 5300MHz		5009.18	52.28	-21.72	74	42.12	33.3	10.51	33.65	185	19	P	H
		5044.54	42.03	-11.97	54	31.85	33.3	10.53	33.65	185	19	A	H
	*	5300	116.28	-	-	106.07	33	10.84	33.63	185	19	P	H
	*	5300	108.94	-	-	98.73	33	10.84	33.63	185	19	A	H
		5356.56	52.44	-21.56	74	42.19	32.91	10.97	33.63	185	19	P	H
		5454.48	41.07	-12.93	54	30.57	33.01	11.11	33.62	185	19	A	H
		5034.34	52.87	-21.13	74	42.7	33.3	10.52	33.65	328	117	P	V
		5045.56	41.89	-12.11	54	31.71	33.3	10.53	33.65	328	117	A	V
	*	5300	108.36	-	-	98.15	33	10.84	33.63	328	117	P	V
	*	5300	102.28	-	-	92.07	33	10.84	33.63	328	117	A	V
		5446.08	50.89	-23.11	74	40.4	33	11.11	33.62	328	117	P	V
		5457.84	40.71	-13.29	54	30.2	33.02	11.11	33.62	328	117	A	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	120.45	-	-	110.24	32.96	10.88	33.63	219	351	P	H
	*	5320	111.6	-	-	101.39	32.96	10.88	33.63	219	351	A	H
		5358.4	53.27	-20.73	74	43	32.92	10.98	33.63	219	351	P	H
		5358.88	43.21	-10.79	54	32.94	32.92	10.98	33.63	219	351	A	H
													H
													H
	*	5320	111.06	-	-	100.85	32.96	10.88	33.63	381	56	P	V
	*	5320	103.8	-	-	93.59	32.96	10.88	33.63	381	56	A	V
		5435.68	51.01	-22.99	74	40.53	33	11.1	33.62	381	56	P	V
		5459.52	41	-13	54	30.49	33.02	11.11	33.62	381	56	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	57.69	-10.51	68.2	46.15	33.85	11.33	33.64	185	19	P	H
		7066	60.81	-7.39	68.2	68.05	36.1	15.43	58.77	145	346	P	H
		10600	46.53	-27.47	74	50.36	39.1	17.74	60.67	-	-	P	H
		15900	46.67	-27.33	74	47.93	37.9	22.07	61.23	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/4 CH 60 5300MHz		5758	54.67	-13.53	68.2	43.13	33.85	11.33	33.64	328	117	P	V
		7066	58.08	-10.12	68.2	65.32	36.1	15.43	58.77	379	73	P	V
		10600	46.36	-27.64	74	50.19	39.1	17.74	60.67	-	-	P	V
		15900	46.28	-27.72	74	47.54	37.9	22.07	61.23	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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		7093	59.96	-8.24	68.2	67.09	36.26	15.38	58.77	139	16	P	H
		10640	45.77	-28.23	74	49.52	39.18	17.79	60.72	-	-	P	H
		15960	47.35	-26.65	74	48.56	37.78	22.11	61.1	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		7093	55.17	-13.03	68.2	62.3	36.26	15.38	58.77	201	240	P	V
		10640	45.34	-28.66	74	49.09	39.18	17.79	60.72	-	-	P	V
		15960	45.56	-28.44	74	46.77	37.78	22.11	61.1	-	-	P	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. 0+1	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	120.06	-	-	109.85	32.96	10.88	33.63	201	360	P	H
	*	5320	111.18	-	-	100.97	32.96	10.88	33.63	201	360	A	H
		5362.4	52.98	-21.02	74	42.7	32.92	10.99	33.63	201	360	P	H
802.11ax		5353.76	42.76	-11.24	54	32.51	32.91	10.97	33.63	201	360	A	H
HE20													H
Partial													H
52/40	*	5320	109.71	-	-	99.5	32.96	10.88	33.63	350	43	P	V
CH 64	*	5320	101.35	-	-	91.14	32.96	10.88	33.63	350	43	A	V
5320MHz		5448.48	51.85	-22.15	74	41.36	33	11.11	33.62	350	43	P	V
		5457.28	40.8	-13.2	54	30.3	33.01	11.11	33.62	350	43	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. 0+1	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	118.26	-	-	108.05	32.96	10.88	33.63	317	0	P	H
	*	5320	110.47	-	-	100.26	32.96	10.88	33.63	317	0	A	H
		5355.04	54.02	-19.98	74	43.77	32.91	10.97	33.63	317	0	P	H
802.11ax		5353.92	42.42	-11.58	54	32.17	32.91	10.97	33.63	317	0	A	H
HE20													H
Partial													H
106/54	*	5320	110.02	-	-	99.81	32.96	10.88	33.63	363	46	P	V
CH 64	*	5320	101.18	-	-	90.97	32.96	10.88	33.63	363	46	A	V
5320MHz		5355.68	51.28	-22.72	74	41.03	32.91	10.97	33.63	363	46	P	V
		5458.72	40.79	-13.21	54	30.28	33.02	11.11	33.62	363	46	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	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)
		5134.3	56.1	-17.9	74	46.01	33.17	10.56	33.64	200	10	P	H
		5148.92	45.28	-8.72	54	35.15	33.2	10.57	33.64	200	10	A	H
	*	5270	116.79	-	-	106.6	33.06	10.76	33.63	200	10	P	H
	*	5270	107.08	-	-	96.89	33.06	10.76	33.63	200	10	A	H
802.11ax		5351.76	57.49	-16.51	74	47.26	32.9	10.96	33.63	200	10	P	H
HE40 Full		5355.84	45.56	-8.44	54	35.31	32.91	10.97	33.63	200	10	A	H
CH 54		5116.96	54.06	-19.94	74	44.01	33.13	10.56	33.64	350	117	P	V
5270MHz		5139.74	42.94	-11.06	54	32.83	33.18	10.57	33.64	350	117	A	V
	*	5270	109.85	-	-	99.66	33.06	10.76	33.63	350	117	P	V
	*	5270	100.74	-	-	90.55	33.06	10.76	33.63	350	117	A	V
		5362.56	53.35	-20.65	74	43.06	32.93	10.99	33.63	350	117	P	V
		5357.04	41.73	-12.27	54	31.48	32.91	10.97	33.63	350	117	A	V
		5006.12	53.49	-20.51	74	43.33	33.3	10.51	33.65	200	12	P	H
		5142.8	43.24	-10.76	54	33.12	33.19	10.57	33.64	200	12	A	H
	*	5314	113.15	-	-	102.94	32.97	10.87	33.63	200	12	P	H
	*	5302	105.1	-	-	94.89	33	10.84	33.63	200	12	A	H
802.11ax		5353.68	66.73	-7.27	74	56.48	32.91	10.97	33.63	200	12	P	H
HE40 Full		5353.44	52.41	-1.59	54	42.16	32.91	10.97	33.63	200	12	A	H
CH 62		5083.64	52.02	-21.98	74	41.95	33.17	10.54	33.64	300	120	P	V
5310MHz		5042.5	42.01	-11.99	54	31.83	33.3	10.53	33.65	300	120	A	V
	*	5310	106.18	-	-	95.97	32.98	10.86	33.63	300	120	P	V
	*	5310	97.47	-	-	87.26	32.98	10.86	33.63	300	120	A	V
		5352.24	55.97	-18.03	74	45.74	32.9	10.96	33.63	300	120	P	V
		5352.24	45.21	-8.79	54	34.98	32.9	10.96	33.63	300	120	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	58.85	-9.35	68.2	47.31	33.85	11.33	33.64	200	10	P	H
		7026	60.46	-7.74	68.2	67.83	35.9	15.51	58.78	147	345	P	H
		10540	46.43	-21.77	68.2	50.36	38.98	17.69	60.6	-	-	P	H
		15810	46.13	-27.87	74	47.72	37.81	22.02	61.42	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		7026	57.15	-11.05	68.2	64.52	35.9	15.51	58.78	370	73	P	V
5270MHz		10540	46.3	-21.9	68.2	50.23	38.98	17.69	60.6	-	-	P	V
		15810	46.01	-27.99	74	47.6	37.81	22.02	61.42	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		5758	58.63	-9.57	68.2	47.09	33.85	11.33	33.64	200	12	P	H
		7080	60.08	-8.12	68.2	67.27	36.18	15.4	58.77	152	347	P	H
		10620	44.93	-29.07	74	48.72	39.14	17.77	60.7	-	-	P	H
		15930	45.39	-28.61	74	46.62	37.84	22.09	61.16	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		7080	57.46	-10.74	68.2	64.65	36.18	15.4	58.77	363	73	P	V
5310MHz		10620	45.44	-28.56	74	49.23	39.14	17.77	60.7	-	-	P	V
		15930	45.15	-28.85	74	46.38	37.84	22.09	61.16	-	-	P	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. 0+1	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)
		5140.1	54.16	-19.84	74	44.05	33.18	10.57	33.64	271	0	P	H
		5145.2	43.95	-10.05	54	33.83	33.19	10.57	33.64	271	0	A	H
	*	5290	109.62	-	-	99.42	33.02	10.81	33.63	271	0	P	H
	*	5290	101.2	-	-	91	33.02	10.81	33.63	271	0	A	H
802.11ax		5354.64	62.28	-11.72	74	52.03	32.91	10.97	33.63	271	0	P	H
HE80 Full		5354.88	51.77	-2.23	54	41.52	32.91	10.97	33.63	271	0	A	H
CH 58		5123.3	52.25	-21.75	74	42.18	33.15	10.56	33.64	344	101	P	V
5290MHz		5142.8	42.3	-11.7	54	32.18	33.19	10.57	33.64	344	101	A	V
	*	5290	103.63	-	-	93.43	33.02	10.81	33.63	344	101	P	V
	*	5290	93.48	-	-	83.28	33.02	10.81	33.63	344	101	A	V
		5364.72	52.38	-21.62	74	42.09	32.93	10.99	33.63	344	101	P	V
		5352.72	43.51	-10.49	54	33.27	32.91	10.96	33.63	344	101	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		7053	60.39	-7.81	68.2	67.68	36.02	15.46	58.77	159	16	P	H
		10580	43.79	-24.41	68.2	47.65	39.06	17.73	60.65	-	-	P	H
		15870	44.87	-29.13	74	46.23	37.87	22.06	61.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		7053	55.91	-12.29	68.2	63.2	36.02	15.46	58.77	209	237	P	V
5290MHz		10580	43.94	-24.26	68.2	47.8	39.06	17.73	60.65	-	-	P	V
		15870	45.15	-28.85	74	46.51	37.87	22.06	61.29	-	-	P	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. 0+1	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		5456.24	54.06	-19.94	74	43.56	33.01	11.11	33.62	175	10	P	H
		5466.32	54.5	-13.7	68.2	43.97	33.03	11.12	33.62	175	10	P	H
		5457.52	43.36	-10.64	54	32.85	33.02	11.11	33.62	175	10	A	H
	*	5500	115.31	-	-	104.69	33.1	11.14	33.62	175	10	P	H
	*	5500	109.15	-	-	98.53	33.1	11.14	33.62	175	10	A	H
													H
		5443.28	51.84	-22.16	74	41.36	33	11.1	33.62	212	123	P	V
		5469.84	52.04	-16.16	68.2	41.5	33.04	11.12	33.62	212	123	P	V
		5459.6	41.17	-12.83	54	30.66	33.02	11.11	33.62	212	123	A	V
	*	5500	106.72	-	-	96.1	33.1	11.14	33.62	212	123	P	V
	*	5500	101.07	-	-	90.45	33.1	11.14	33.62	212	123	A	V
													V
802.11a CH 116 5580MHz		5422.96	54.07	-19.93	74	43.6	33	11.09	33.62	150	7	P	H
		5469.28	51.74	-16.46	68.2	41.2	33.04	11.12	33.62	150	7	P	H
		5458.24	41.82	-12.18	54	31.31	33.02	11.11	33.62	150	7	A	H
	*	5580	116.1	-	-	105.55	33	11.18	33.63	150	7	P	H
	*	5580	109.76	-	-	99.21	33	11.18	33.63	150	7	A	H
		5759.645	52.65	-15.55	68.2	41.1	33.86	11.33	33.64	150	7	P	H
		5429.44	51.21	-22.79	74	40.73	33	11.1	33.62	300	131	P	V
		5465.2	50.19	-18.01	68.2	39.66	33.03	11.12	33.62	300	131	P	V
		5458.96	41.03	-12.97	54	30.52	33.02	11.11	33.62	300	131	A	V
	*	5580	109.73	-	-	99.18	33	11.18	33.63	300	131	P	V
	*	5580	103.16	-	-	92.61	33	11.18	33.63	300	131	A	V
		5760.275	52.51	-15.69	68.2	40.96	33.86	11.33	33.64	300	131	P	V

802.11a CH 140 5700MHz	*	5700	116.44	-	-	105.3	33.5	11.28	33.64	162	7	P	H
	*	5700	109.64	-	-	98.5	33.5	11.28	33.64	162	7	A	H
		5727.8	58.63	-9.57	68.2	47.29	33.67	11.31	33.64	162	7	P	H
													H
													H
													H
	*	5700	108.81	-	-	97.67	33.5	11.28	33.64	288	129	P	V
	*	5700	102.36	-	-	91.22	33.5	11.28	33.64	288	129	A	V
		5732.68	55.14	-13.06	68.2	43.77	33.7	11.31	33.64	288	129	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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		5758	56.94	-11.26	68.2	45.4	33.85	11.33	33.64	175	10	P	H
		11000	45.99	-28.01	74	50.13	38.9	18.12	61.16	-	-	P	H
		16500	46.47	-21.73	68.2	45.21	38.5	22.63	59.87	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	46.01	-27.99	74	50.15	38.9	18.12	61.16	-	-	P	V
		16500	45.97	-22.23	68.2	44.71	38.5	22.63	59.87	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7812	50.42	-17.78	68.2	56.66	36.75	15.57	58.56	252	57	P	H
		11160	46.58	-27.42	74	50.65	39.02	18.23	61.32	-	-	P	H
		16740	46.45	-21.75	68.2	44.8	38.06	22.88	59.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz		7812	50.88	-17.32	68.2	57.12	36.75	15.57	58.56	181	120	P	V
		11160	47.1	-26.9	74	51.17	39.02	18.23	61.32	-	-	P	V
		16740	47.27	-20.93	68.2	45.62	38.06	22.88	59.29	-	-	P	V
													V
													V
													V
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													V
													V
													V

WIFI Ant. 0+1	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	46.44	-27.56	74	50.31	39.3	18.38	61.55	-	-	P	H
		17100	46.6	-21.6	68.2	43.75	38	23.19	58.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	46.83	-27.17	74	50.7	39.3	18.38	61.55	-	-	P	V
		17100	47.72	-20.48	68.2	44.87	38	23.19	58.34	-	-	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5437.68	53.56	-20.44	74	43.08	33	11.1	33.62	183	7	P	H
		5466.16	54.48	-13.72	68.2	43.95	33.03	11.12	33.62	183	7	P	H
		5454.48	43.38	-10.62	54	32.88	33.01	11.11	33.62	183	7	A	H
	*	5500	115.96	-	-	105.34	33.1	11.14	33.62	183	7	P	H
802.11ax	*	5500	108.79	-	-	98.17	33.1	11.14	33.62	183	7	A	H
HE20 Full		5459.12	52.33	-21.67	74	41.82	33.02	11.11	33.62	325	127	P	V
CH 100		5463.92	52.32	-15.88	68.2	41.79	33.03	11.12	33.62	325	127	P	V
5500MHz		5459.92	41.36	-12.64	54	30.85	33.02	11.11	33.62	325	127	A	V
	*	5500	109.98	-	-	99.36	33.1	11.14	33.62	325	127	P	V
	*	5500	102.25	-	-	91.63	33.1	11.14	33.62	325	127	A	V
													V
													V
		5459.68	52.47	-21.53	74	41.96	33.02	11.11	33.62	153	9	P	H
		5468.32	52.37	-15.83	68.2	41.83	33.04	11.12	33.62	153	9	P	H
		5458	41.84	-12.16	54	31.33	33.02	11.11	33.62	153	9	A	H
	*	5580	117.74	-	-	107.19	33	11.18	33.63	153	9	P	H
802.11ax	*	5580	109.84	-	-	99.29	33	11.18	33.63	153	9	A	H
HE20 Full		5759.96	53.4	-14.8	68.2	41.85	33.86	11.33	33.64	153	9	P	H
CH 116		5429.92	51.39	-22.61	74	40.91	33	11.1	33.62	299	131	P	V
5580MHz		5467.36	51.2	-17	68.2	40.67	33.03	11.12	33.62	299	131	P	V
		5459.92	41.02	-12.98	54	30.51	33.02	11.11	33.62	299	131	A	V
	*	5580	109.54	-	-	98.99	33	11.18	33.63	299	131	P	V
	*	5580	102.29	-	-	91.74	33	11.18	33.63	299	131	A	V
		5739.8	52.19	-16.01	68.2	40.77	33.74	11.32	33.64	299	131	P	V

	*	5700	118.41	-	-	107.27	33.5	11.28	33.64	162	7	P	H
	*	5700	109.42	-	-	98.28	33.5	11.28	33.64	162	7	A	H
		5725.72	59.11	-9.09	68.2	47.8	33.65	11.3	33.64	162	7	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	109.04	-	-	97.9	33.5	11.28	33.64	300	127	P	V
5700MHz	*	5700	101.54	-	-	90.4	33.5	11.28	33.64	300	127	A	V
		5730.36	53.21	-14.99	68.2	41.86	33.68	11.31	33.64	300	127	P	V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	58.3	-9.9	68.2	46.76	33.85	11.33	33.64	183	7	P	H
		7700	53.94	-20.06	74	60.74	36.4	15.41	58.61	254	59	P	H
		7700	43.94	-10.06	54	50.74	36.4	15.41	58.61	254	59	A	H
		11000	46.41	-27.59	74	50.55	38.9	18.12	61.16	-	-	P	H
		16500	46.39	-21.81	68.2	45.13	38.5	22.63	59.87	-	-	P	H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		7700	54.55	-19.45	74	61.35	36.4	15.41	58.61	209	120	P	V
5500MHz		7700	43.54	-10.46	54	50.34	36.4	15.41	58.61	209	120	A	V
		11000	46.55	-27.45	74	50.69	38.9	18.12	61.16	-	-	P	V
		16500	46.44	-21.76	68.2	45.18	38.5	22.63	59.87	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7812	57.97	-10.23	68.2	64.21	36.75	15.57	58.56	261	54	P	H
		11160	47.93	-26.07	74	52	39.02	18.23	61.32	-	-	P	H
		16740	46.32	-21.88	68.2	44.67	38.06	22.88	59.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		7812	56.84	-11.36	68.2	63.08	36.75	15.57	58.56	186	120	P	V
5580MHz		11160	47.01	-26.99	74	51.08	39.02	18.23	61.32	-	-	P	V
		16740	47.03	-21.17	68.2	45.38	38.06	22.88	59.29	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7980	50.58	-17.62	68.2	56.39	36.96	15.72	58.49	247	57	P	H
		11400	46.36	-27.64	74	50.23	39.3	18.38	61.55	-	-	P	H
		17100	46.83	-21.37	68.2	43.98	38	23.19	58.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		7980	50.68	-17.52	68.2	56.49	36.96	15.72	58.49	181	120	P	V
5700MHz		11400	47.69	-26.31	74	51.56	39.3	18.38	61.55	-	-	P	V
		17100	47.42	-20.78	68.2	44.57	38	23.19	58.34	-	-	P	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. 0+1	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		5447.6	52.61	-21.39	74	42.12	33	11.11	33.62	178	18	P	H
		5465.2	52.84	-15.36	68.2	42.31	33.03	11.12	33.62	178	18	P	H
		5459.6	42.54	-11.46	54	32.03	33.02	11.11	33.62	178	18	A	H
	*	5500	120.11	-	-	109.49	33.1	11.14	33.62	178	18	P	H
	*	5500	113.7	-	-	103.08	33.1	11.14	33.62	178	18	A	H
													H
		5438.48	51.23	-22.77	74	40.75	33	11.1	33.62	309	121	P	V
		5465.36	51.2	-17	68.2	40.67	33.03	11.12	33.62	309	121	P	V
		5459.6	41.26	-12.74	54	30.75	33.02	11.11	33.62	309	121	A	V
	*	5500	113.5	-	-	102.88	33.1	11.14	33.62	309	121	P	V
	*	5500	107.29	-	-	96.67	33.1	11.14	33.62	309	121	A	V
													V
802.11ax HE20 Partial 26/4 CH 116 5580MHz		5410.72	51.97	-22.03	74	41.51	33	11.09	33.63	200	22	P	H
		5462.08	51.41	-16.79	68.2	40.9	33.02	11.11	33.62	200	22	P	H
		5459.68	41.11	-12.89	54	30.6	33.02	11.11	33.62	200	22	A	H
	*	5580	118.44	-	-	107.89	33	11.18	33.63	200	22	P	H
	*	5580	112.02	-	-	101.47	33	11.18	33.63	200	22	A	H
		5728.775	53.6	-14.6	68.2	42.26	33.67	11.31	33.64	200	22	P	H
		5434.48	51.18	-22.82	74	40.7	33	11.1	33.62	400	53	P	V
		5461.84	50.19	-18.01	68.2	39.68	33.02	11.11	33.62	400	53	P	V
		5459.92	40.79	-13.21	54	30.28	33.02	11.11	33.62	400	53	A	V
	*	5580	111.98	-	-	101.43	33	11.18	33.63	400	53	P	V
	*	5580	106.37	-	-	95.82	33	11.18	33.63	400	53	A	V
		5758.07	52.69	-15.51	68.2	41.15	33.85	11.33	33.64	400	53	P	V

802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	116.28	-	-	105.14	33.5	11.28	33.64	226	32	P	H
	*	5700	110.99	-	-	99.85	33.5	11.28	33.64	226	32	A	H
		5727.24	52.74	-15.46	68.2	41.42	33.66	11.3	33.64	226	32	P	H
													H
													H
													H
	*	5700	114.69	-	-	103.55	33.5	11.28	33.64	384	53	P	V
	*	5700	108.79	-	-	97.65	33.5	11.28	33.64	384	53	A	V
		5732.12	52.51	-15.69	68.2	41.15	33.69	11.31	33.64	384	53	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	56.92	-11.28	68.2	45.38	33.85	11.33	33.64	178	18	P	H
		7693	57.29	-16.71	74	64.13	36.39	15.39	58.62	139	8	P	H
		7693	48.16	-5.84	54	55	36.39	15.39	58.62	139	8	A	H
		11000	45.31	-28.69	74	49.45	38.9	18.12	61.16	-	-	P	H
		16500	46.37	-21.83	68.2	45.11	38.5	22.63	59.87	-	-	P	H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/0 CH 100 5500MHz													H
													H
		7693	57.71	-16.29	74	64.55	36.39	15.39	58.62	231	242	P	V
		7693	47.99	-6.01	54	54.83	36.39	15.39	58.62	231	242	A	V
		11000	45.24	-28.76	74	49.38	38.9	18.12	61.16	-	-	P	V
		16500	45.71	-22.49	68.2	44.45	38.5	22.63	59.87	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7814	59.89	-8.31	68.2	66.12	36.76	15.57	58.56	133	13	P	H
		11160	47.77	-26.23	74	51.84	39.02	18.23	61.32	-	-	P	H
		16740	45.47	-22.73	68.2	43.82	38.06	22.88	59.29	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax HE20 Partial 26/4 CH 116 5580MHz		7814	59.62	-8.58	68.2	65.85	36.76	15.57	58.56	219	239	P	V
		11160	47.12	-26.88	74	51.19	39.02	18.23	61.32	-	-	P	V
		16740	46.48	-21.72	68.2	44.83	38.06	22.88	59.29	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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	47.04	-26.96	74	50.91	39.3	18.38	61.55	-	-	P	H
		17100	47.62	-20.58	68.2	44.77	38	23.19	58.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	47.74	-26.26	74	51.61	39.3	18.38	61.55	-	-	P	V
		17100	47.71	-20.49	68.2	44.86	38	23.19	58.34	-	-	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. 0+1	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)
		5454.32	52.41	-21.59	74	41.91	33.01	11.11	33.62	150	13	P	H
		5460.24	53.26	-14.94	68.2	42.75	33.02	11.11	33.62	150	13	P	H
		5459.92	42.76	-11.24	54	32.25	33.02	11.11	33.62	150	13	A	H
802.11ax	*	5500	119.22	-	-	108.6	33.1	11.14	33.62	150	13	P	H
HE20	*	5500	112	-	-	101.38	33.1	11.14	33.62	150	13	A	H
Partial													H
52/37		5441.2	51.44	-22.56	74	40.96	33	11.1	33.62	300	119	P	V
CH 100		5461.52	51.58	-16.62	68.2	41.07	33.02	11.11	33.62	300	119	P	V
5500MHz		5458.32	41.2	-12.8	54	30.69	33.02	11.11	33.62	300	119	A	V
	*	5500	111.86	-	-	101.24	33.1	11.14	33.62	300	119	P	V
	*	5500	105.13	-	-	94.51	33.1	11.14	33.62	300	119	A	V
													V
	*	5704	121.85	-	-	110.69	33.52	11.28	33.64	132	360	P	H
	*	5704	112.96	-	-	101.8	33.52	11.28	33.64	132	360	A	H
		5760.04	55.2	-13	68.2	43.65	33.86	11.33	33.64	132	360	P	H
802.11ax													H
HE20													H
Partial													H
52/40	*	5700	113.76	-	-	102.62	33.5	11.28	33.64	400	53	P	V
CH 140	*	5700	106.29	-	-	95.15	33.5	11.28	33.64	400	53	A	V
5700MHz		5760.2	54.22	-13.98	68.2	42.67	33.86	11.33	33.64	400	53	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. 0+1	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)
		5443.6	53.01	-20.99	74	42.53	33	11.1	33.62	157	15	P	H
		5469.84	54.97	-13.23	68.2	44.43	33.04	11.12	33.62	157	15	P	H
		5453.04	42.99	-11.01	54	32.49	33.01	11.11	33.62	157	15	A	H
802.11ax	*	5500	119.23	-	-	108.61	33.1	11.14	33.62	157	15	P	H
HE20	*	5500	111.62	-	-	101	33.1	11.14	33.62	157	15	A	H
Partial													H
106/53		5407.12	51.83	-22.17	74	41.38	33	11.08	33.63	296	120	P	V
CH 100		5469.04	52.97	-15.23	68.2	42.43	33.04	11.12	33.62	296	120	P	V
5500MHz		5453.68	41.27	-12.73	54	30.77	33.01	11.11	33.62	296	120	A	V
	*	5500	112.54	-	-	101.92	33.1	11.14	33.62	296	120	P	V
	*	5500	104.8	-	-	94.18	33.1	11.14	33.62	296	120	A	V
													V
	*	5700	121.11	-	-	109.97	33.5	11.28	33.64	178	0	P	H
	*	5700	112.65	-	-	101.51	33.5	11.28	33.64	178	0	A	H
		5725.4	66.3	-1.9	68.2	54.99	33.65	11.3	33.64	178	0	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	112.73	-	-	101.59	33.5	11.28	33.64	400	54	P	V
CH 140	*	5700	105.94	-	-	94.8	33.5	11.28	33.64	400	54	A	V
5700MHz		5754.92	53.41	-14.79	68.2	41.89	33.83	11.33	33.64	400	54	P	V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5453.92	61.69	-12.31	74	51.19	33.01	11.11	33.62	250	0	P	H
		5466.88	66.04	-2.16	68.2	55.51	33.03	11.12	33.62	250	0	P	H
		5455.12	50.82	-3.18	54	40.32	33.01	11.11	33.62	250	0	A	H
	*	5510	115.58	-	-	104.98	33.08	11.14	33.62	250	0	P	H
802.11ax	*	5510	107.69	-	-	97.09	33.08	11.14	33.62	250	0	A	H
HE40 Full		5759.96	58.25	-9.95	68.2	46.7	33.86	11.33	33.64	250	0	P	H
CH 102		5450.56	54.95	-19.05	74	44.46	33	11.11	33.62	250	116	P	V
5510MHz		5462.8	57.23	-10.97	68.2	46.71	33.03	11.11	33.62	250	116	P	V
		5452.48	44.52	-9.48	54	34.03	33	11.11	33.62	250	116	A	V
	*	5510	108.12	-	-	97.52	33.08	11.14	33.62	250	116	P	V
	*	5510	101.12	-	-	90.52	33.08	11.14	33.62	250	116	A	V
		5759.96	53.71	-14.49	68.2	42.16	33.86	11.33	33.64	250	116	P	V
		5450.08	62.94	-11.06	74	52.45	33	11.11	33.62	250	24	P	H
		5469.52	64.46	-3.74	68.2	53.92	33.04	11.12	33.62	250	24	P	H
		5459.92	48.97	-5.03	54	38.46	33.02	11.11	33.62	250	24	A	H
	*	5550	114.37	-	-	103.83	33	11.16	33.62	250	24	P	H
802.11ax	*	5550	107.3	-	-	96.76	33	11.16	33.62	250	24	A	H
HE40 Full		5760.275	54.52	-13.68	68.2	42.97	33.86	11.33	33.64	250	24	P	H
CH 110		5449.6	55.91	-18.09	74	45.42	33	11.11	33.62	350	47	P	V
5550MHz		5467.36	57.94	-10.26	68.2	47.41	33.03	11.12	33.62	350	47	P	V
		5458.48	43.75	-10.25	54	33.24	33.02	11.11	33.62	350	47	A	V
	*	5550	108.71	-	-	98.17	33	11.16	33.62	350	47	P	V
	*	5550	101.45	-	-	90.91	33	11.16	33.62	350	47	A	V
		5742.32	52.92	-15.28	68.2	41.49	33.75	11.32	33.64	350	47	P	V

		5444.85	51.61	-22.39	74	41.13	33	11.1	33.62	250	8	P	H
		5462	50.75	-17.45	68.2	40.24	33.02	11.11	33.62	250	8	P	H
		5459.55	41.34	-12.66	54	30.83	33.02	11.11	33.62	250	8	A	H
	*	5670	115.52	-	-	104.64	33.26	11.25	33.63	250	8	P	H
802.11ax	*	5670	108.78	-	-	97.9	33.26	11.25	33.63	250	8	A	H
HE40 Full		5745.225	64.16	-4.04	68.2	52.71	33.77	11.32	33.64	250	8	P	H
CH 134		5397.95	49.88	-24.12	74	39.44	33	11.07	33.63	374	54	P	V
5670MHz		5465.85	49.31	-18.89	68.2	38.78	33.03	11.12	33.62	374	54	P	V
		5459.55	40.51	-13.49	54	30	33.02	11.11	33.62	374	54	A	V
	*	5670	109.88	-	-	99	33.26	11.25	33.63	374	54	P	V
	*	5670	101.71	-	-	90.83	33.26	11.25	33.63	374	54	A	V
		5726.5	55.09	-13.11	68.2	43.77	33.66	11.3	33.64	374	54	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		5758	58.93	-9.27	68.2	47.39	33.85	11.33	33.64	250	0	P	H
		7715	53.28	-20.72	74	60.01	36.46	15.42	58.61	148	11	P	H
		7715	42.64	-11.36	54	49.37	36.46	15.42	58.61	148	11	A	H
		11020	45.23	-28.77	74	49.38	38.9	18.13	61.18	-	-	P	H
		16530	45.84	-22.36	68.2	44.6	38.38	22.66	59.8	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		5758	55.01	-13.19	68.2	43.47	33.85	11.33	33.64	250	116	P	V
5510MHz		7715	53.62	-20.38	74	60.35	36.46	15.42	58.61	176	118	P	V
		7715	43.7	-10.3	54	50.43	36.46	15.42	58.61	176	118	A	V
		11020	45.45	-28.55	74	49.6	38.9	18.13	61.18	-	-	P	V
		16530	45.18	-23.02	68.2	43.94	38.38	22.66	59.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7781	51.61	-16.59	68.2	58	36.66	15.53	58.58	250	56	P	H
		11100	46.95	-27.05	74	51.13	38.9	18.18	61.26	-	-	P	H
		16650	46.31	-21.89	68.2	44.93	38.1	22.79	59.51	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		7781	51.6	-16.6	68.2	57.99	36.66	15.53	58.58	400	267	P	V
5550MHz		11100	47.22	-26.78	74	51.4	38.9	18.18	61.26	-	-	P	V
		16650	47.79	-20.41	68.2	46.41	38.1	22.79	59.51	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7924	52.95	-15.25	68.2	58.89	36.9	15.67	58.51	200	308	P	H
		11340	46.76	-27.24	74	50.67	39.24	18.34	61.49	-	-	P	H
		17010	46.99	-21.21	68.2	44.66	37.82	23.15	58.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		7924	53.55	-14.65	68.2	59.49	36.9	15.67	58.51	200	237	P	V
5670MHz		11340	46.37	-27.63	74	50.28	39.24	18.34	61.49	-	-	P	V
		17010	48.66	-19.54	68.2	46.33	37.82	23.15	58.64	-	-	P	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. 0+1	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)
		5454.16	62.54	-11.46	74	52.04	33.01	11.11	33.62	177	0	P	H
		5464.48	65.27	-2.93	68.2	54.74	33.03	11.12	33.62	177	0	P	H
		5454.4	52.44	-1.56	54	41.94	33.01	11.11	33.62	177	0	A	H
	*	5530	111.22	-	-	100.65	33.04	11.15	33.62	177	0	P	H
802.11ax	*	5530	103.74	-	-	93.17	33.04	11.15	33.62	177	0	A	H
HE80 Full		5759.96	55.32	-12.88	68.2	43.77	33.86	11.33	33.64	177	0	P	H
CH 106		5451.76	59.32	-14.68	74	48.83	33	11.11	33.62	300	119	P	V
5530MHz		5463.28	60.7	-7.5	68.2	50.18	33.03	11.11	33.62	300	119	P	V
		5452.72	49.42	-4.58	54	38.92	33.01	11.11	33.62	300	119	A	V
	*	5530	106.05	-	-	95.48	33.04	11.15	33.62	300	119	P	V
	*	5530	98.27	-	-	87.7	33.04	11.15	33.62	300	119	A	V
		5759.96	53.32	-14.88	68.2	41.77	33.86	11.33	33.64	300	119	P	V
		5458.85	62.66	-11.34	74	52.15	33.02	11.11	33.62	254	5	P	H
		5464.45	61.64	-6.56	68.2	51.11	33.03	11.12	33.62	254	5	P	H
		5453.6	48.34	-5.66	54	37.84	33.01	11.11	33.62	254	5	A	H
	*	5610	114.73	-	-	104.14	33.02	11.2	33.63	254	5	P	H
802.11ax	*	5610	106.77	-	-	96.18	33.02	11.2	33.63	254	5	A	H
HE80 Full		5730.875	63.98	-4.22	68.2	52.62	33.69	11.31	33.64	254	5	P	H
CH 122		5459.2	55.51	-18.49	74	45	33.02	11.11	33.62	309	119	P	V
5610MHz		5466.9	54.95	-13.25	68.2	44.42	33.03	11.12	33.62	309	119	P	V
		5459.9	44.72	-9.28	54	34.21	33.02	11.11	33.62	309	119	A	V
	*	5610	107.56	-	-	96.97	33.02	11.2	33.63	309	119	P	V
	*	5610	100.04	-	-	89.45	33.02	11.2	33.63	309	119	A	V
		5736.65	59.42	-8.78	68.2	48.03	33.72	11.31	33.64	309	119	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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	47.53	-26.47	74	51.69	38.9	18.16	61.22	-	-	P	H
		16590	46.8	-21.4	68.2	45.59	38.14	22.72	59.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	47.47	-26.53	74	51.63	38.9	18.16	61.22	-	-	P	V
5530MHz		16590	46.53	-21.67	68.2	45.32	38.14	22.72	59.65	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 0+1	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)
		7847	52.1	-16.1	68.2	58.15	36.89	15.61	58.55	250	52	P	H
		11220	46.59	-27.41	74	50.59	39.12	18.26	61.38	-	-	P	H
		16830	47.24	-20.96	68.2	45.35	38	22.97	59.08	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		7869	52.02	-16.18	68.2	58.04	36.9	15.62	58.54	400	268	P	V
5610MHz		11220	47.21	-26.79	74	51.21	39.12	18.26	61.38	-	-	P	V
		16830	46.3	-21.9	68.2	44.41	38	22.97	59.08	-	-	P	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 HE160 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5443.84	63.25	-10.75	74	52.77	33	11.1	33.62	159	0	P	H
		5467.36	61.27	-6.93	68.2	50.74	33.03	11.12	33.62	159	0	P	H
		5457.04	52.47	-1.53	54	41.97	33.01	11.11	33.62	159	0	A	H
	*	5570	107.87	-	-	97.33	33	11.17	33.63	159	0	P	H
802.11ax	*	5570	99.79	-	-	89.25	33	11.17	33.63	159	0	A	H
HE160 Full		5727.83	63.15	-5.05	68.2	51.81	33.67	11.31	33.64	159	0	P	H
CH 114		5444.32	56.57	-17.43	74	46.09	33	11.1	33.62	300	119	P	V
5570MHz		5462.8	55.63	-12.57	68.2	45.11	33.03	11.11	33.62	300	119	P	V
		5453.68	46.55	-7.45	54	36.05	33.01	11.11	33.62	300	119	A	V
	*	5570	102.48	-	-	91.94	33	11.17	33.63	300	119	P	V
	*	5570	93.54	-	-	83	33	11.17	33.63	300	119	A	V
		5764.37	54.62	-13.58	68.2	43.03	33.89	11.34	33.64	300	119	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 HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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)
		11140	46.4	-27.6	74	50.51	38.98	18.21	61.3	-	-	P	H
		16710	46.97	-21.23	68.2	45.4	38.09	22.85	59.37	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 114		11140	46.74	-27.26	74	50.85	38.98	18.21	61.3	-	-	P	V
5570MHz		16710	46.42	-21.78	68.2	44.85	38.09	22.85	59.37	-	-	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 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5449.06	51.32	-22.68	74	40.83	33	11.11	33.62	249	4	P	H
		5465.83	49.64	-18.56	68.2	39.11	33.03	11.12	33.62	249	4	P	H
		5458.81	41.17	-12.83	54	30.66	33.02	11.11	33.62	249	4	A	H
	*	5720	116.32	-	-	105.04	33.62	11.3	33.64	249	4	P	H
	*	5720	109.32	-	-	98.04	33.62	11.3	33.64	249	4	A	H
		5910	52.28	-15.92	68.2	40.34	34.3	11.29	33.65	249	4	P	H
		5405.77	50.49	-23.51	74	40.04	33	11.08	33.63	258	125	P	V
		5470	50.43	-17.77	68.2	39.89	33.04	11.12	33.62	258	125	P	V
		5459.98	40.92	-13.08	54	30.41	33.02	11.11	33.62	258	125	A	V
	*	5720	108.22	-	-	96.94	33.62	11.3	33.64	258	125	P	V
	*	5720	101.8	-	-	90.52	33.62	11.3	33.64	258	125	A	V
		5877.25	52.22	-15.98	68.2	40.35	34.21	11.31	33.65	258	125	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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 144 5720MHz		11440	45.3	-28.7	74	49.22	39.26	18.41	61.59	-	-	P	H
		17160	45.16	-23.04	68.2	41.91	38.18	23.22	58.15	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	44.99	-29.01	74	48.91	39.26	18.41	61.59	-	-	P	V
		17160	44.74	-23.46	68.2	41.49	38.18	23.22	58.15	-	-	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 - Straddle Channel

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

WIFI Ant. 0+1	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)
		5438.92	51.34	-22.66	74	40.86	33	11.1	33.62	177	4	P	H
		5464.66	50.44	-17.76	68.2	39.91	33.03	11.12	33.62	177	4	P	H
		5457.64	40.79	-13.21	54	30.28	33.02	11.11	33.62	177	4	A	H
	*	5720	116.35	-	-	105.07	33.62	11.3	33.64	177	4	P	H
802.11ax	*	5720	108.28	-	-	97	33.62	11.3	33.64	177	4	A	H
HE20 Full		5864.25	52.98	-15.22	68.2	41.15	34.16	11.32	33.65	177	4	P	H
CH 144		5422.54	50.36	-23.64	74	39.89	33	11.09	33.62	271	122	P	V
5720MHz		5462.71	49.36	-18.84	68.2	38.84	33.03	11.11	33.62	271	122	P	V
		5459.2	40.57	-13.43	54	30.06	33.02	11.11	33.62	271	122	A	V
	*	5720	110.53	-	-	99.25	33.62	11.3	33.64	271	122	P	V
	*	5720	101.36	-	-	90.08	33.62	11.3	33.64	271	122	A	V
		5903.75	52.84	-15.36	68.2	40.9	34.3	11.29	33.65	271	122	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		11440	45.24	-28.76	74	49.16	39.26	18.41	61.59	-	-	P	H
		17160	45.02	-23.18	68.2	41.77	38.18	23.22	58.15	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	46.83	-27.17	74	50.75	39.26	18.41	61.59	-	-	P	V
5720MHz		17160	44.57	-23.63	68.2	41.32	38.18	23.22	58.15	-	-	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 Straddle Channel

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

WIFI Ant. 0+1	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 HE40 Full CH 142 5710MHz		5409.28	49.62	-24.38	74	39.16	33	11.09	33.63	264	11	P	H
		5465.83	49.97	-18.23	68.2	39.44	33.03	11.12	33.62	264	11	P	H
		5459.98	41.02	-12.98	54	30.51	33.02	11.11	33.62	264	11	A	H
	*	5710	116.27	-	-	105.06	33.56	11.29	33.64	264	11	P	H
	*	5710	108.41	-	-	97.2	33.56	11.29	33.64	264	11	A	H
		5894.75	53.88	-14.32	68.2	41.95	34.28	11.3	33.65	264	11	P	H
		5432.68	49.88	-24.12	74	39.4	33	11.1	33.62	370	46	P	V
		5468.17	50.56	-17.64	68.2	40.02	33.04	11.12	33.62	370	46	P	V
		5457.25	40.53	-13.47	54	30.03	33.01	11.11	33.62	370	46	A	V
	*	5710	109.22	-	-	98.01	33.56	11.29	33.64	370	46	P	V
	*	5710	101.83	-	-	90.62	33.56	11.29	33.64	370	46	A	V
		5890	52.81	-15.39	68.2	40.9	34.26	11.3	33.65	370	46	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		8001	50.37	-17.83	68.2	56.11	37	15.74	58.48	200	307	P	H
		11420	46.91	-27.09	74	50.8	39.28	18.4	61.57	-	-	P	H
		17130	47.34	-20.86	68.2	44.29	38.09	23.21	58.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		7979	48.66	-19.54	68.2	54.47	36.96	15.72	58.49	400	258	P	V
5710MHz		11420	46.53	-27.47	74	50.42	39.28	18.4	61.57	-	-	P	V
		17130	47.18	-21.02	68.2	44.13	38.09	23.21	58.25	-	-	P	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 Straddle Channel

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

WIFI Ant. 0+1	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)
		5452.96	57.42	-16.58	74	46.92	33.01	11.11	33.62	173	0	P	H
		5465.05	58.16	-10.04	68.2	47.63	33.03	11.12	33.62	173	0	P	H
		5454.52	46.14	-7.86	54	35.64	33.01	11.11	33.62	173	0	A	H
	*	5690	117.02	-	-	105.97	33.42	11.27	33.64	173	0	P	H
802.11ax	*	5690	107.63	-	-	96.58	33.42	11.27	33.64	173	0	A	H
HE80 Full		5866.6	61.69	-6.51	68.2	49.85	34.17	11.32	33.65	173	0	P	H
CH 138		5454.91	52.27	-21.73	74	41.77	33.01	11.11	33.62	400	54	P	V
5690MHz		5461.93	52.36	-15.84	68.2	41.85	33.02	11.11	33.62	400	54	P	V
		5457.25	42.28	-11.72	54	31.78	33.01	11.11	33.62	400	54	A	V
	*	5690	107.06	-	-	96.01	33.42	11.27	33.64	400	54	P	V
	*	5690	100.33	-	-	89.28	33.42	11.27	33.64	400	54	A	V
		5860	58.84	-9.36	68.2	47.03	34.14	11.32	33.65	400	54	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	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)
		7803	52.15	-16.05	68.2	58.45	36.71	15.56	58.57	250	51	P	H
		11380	47.07	-26.93	74	50.95	39.28	18.37	61.53	-	-	P	H
		17070	46.64	-21.56	68.2	43.96	37.94	23.18	58.44	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		7803	52.78	-15.42	68.2	59.08	36.71	15.56	58.57	200	240	P	V
5690MHz		11380	46.82	-27.18	74	50.7	39.28	18.37	61.53	-	-	P	V
		17070	46.75	-21.45	68.2	44.07	37.94	23.18	58.44	-	-	P	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full SHF		39516	47.31	-26.69	74	59.87	44.49	-0.67	56.38	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39868	47.71	-26.29	74	59.47	44.59	-0.39	55.96	-	-	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		38.1	29.47	-10.53	40	40.5	20.15	1.03	32.21	-	-	P	H
		157.44	29.2	-14.3	43.5	42.91	16.38	2.01	32.1	-	-	P	H
		203.88	32.51	-10.99	43.5	47.52	14.87	2.2	32.08	-	-	P	H
		630.4	35.7	-10.3	46	37.85	26.04	3.84	32.03	144	311	Q	H
		773.2	31.94	-14.06	46	31.77	27.76	4.26	31.85	-	-	P	H
		956.6	33.45	-12.55	46	29	30.5	4.68	30.73	-	-	P	H
													H
													H
													H
													H
													H
													H
		38.1	33.13	-6.87	40	44.16	20.15	1.03	32.21	100	110	Q	V
		91.02	30.33	-13.17	43.5	46.12	14.76	1.58	32.13	-	-	P	V
		212.25	34.29	-9.21	43.5	49.37	14.74	2.25	32.07	-	-	P	V
		601	30.82	-15.18	46	34.14	25.12	3.72	32.16	-	-	P	V
		631.1	38.33	-7.67	46	40.46	26.05	3.84	32.02	-	-	P	V
		958	33.54	-12.46	46	29	30.58	4.68	30.72	-	-	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.

<Sample 2>

Band 1 - 5150~5250MHz

WIFI 802.11ax HE160 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.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 50 5250MHz		5074.1	61.73	-12.27	74	51.64	33.2	10.54	33.65	270	4	P	H
		5133.8	52.14	-1.86	54	42.05	33.17	10.56	33.64	270	4	A	H
	*	5250	103.84	-	-	93.67	33.1	10.71	33.64	270	4	P	H
	*	5250	95.5	-	-	85.33	33.1	10.71	33.64	270	4	A	H
		5353.92	60.13	-13.87	74	49.88	32.91	10.97	33.63	270	4	P	H
		5354.88	50.93	-3.07	54	40.68	32.91	10.97	33.63	270	4	A	H
		5090.9	59.16	-14.84	74	49.11	33.14	10.55	33.64	319	118	P	V
		5081.3	47.41	-6.59	54	37.35	33.17	10.54	33.65	319	118	A	V
	*	5250	97.21	-	-	87.04	33.1	10.71	33.64	319	118	P	V
	*	5250	88.81	-	-	78.64	33.1	10.71	33.64	319	118	A	V
		5353.68	53.62	-20.38	74	43.37	32.91	10.97	33.63	319	118	P	V
		5352.96	44.46	-9.54	54	34.22	32.91	10.96	33.63	319	118	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 HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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)
		7000	60.44	-7.76	68.2	67.85	35.8	15.57	58.78	150	14	P	H
		10500	45.66	-22.54	68.2	49.65	38.9	17.66	60.55	-	-	P	H
		15750	45.99	-28.01	74	47.75	37.8	21.99	61.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		7000	55.59	-12.61	68.2	63	35.8	15.57	58.78	204	240	P	V
5250MHz		10500	44.24	-23.96	68.2	48.23	38.9	17.66	60.55	-	-	P	V
		15750	46.08	-27.92	74	47.84	37.8	21.99	61.55	-	-	P	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full SHF		39934	47.05	-26.95	74	58.57	44.69	-0.33	55.88	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39978	47.05	-26.95	74	58.42	44.76	-0.3	55.83	-	-	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		38.37	26.62	-13.38	40	37.76	20.03	1.04	32.21	-	-	P	H
		159.33	30.89	-12.61	43.5	44.69	16.26	2.03	32.09	-	-	P	H
		214.41	36.84	-6.66	43.5	51.97	14.68	2.26	32.07	-	-	P	H
		623.4	34.56	-11.44	46	37.02	25.8	3.8	32.06	-	-	P	H
		957.3	33.6	-12.4	46	29.11	30.54	4.68	30.73	-	-	P	H
		974.1	33.68	-20.32	54	28.98	30.52	4.73	30.55	-	-	P	H
													H
													H
													H
													H
													H
													H
		38.1	33.4	-6.6	40	44.43	20.15	1.03	32.21	100	77	Q	V
		98.31	29.32	-14.18	43.5	44.25	15.65	1.55	32.13	-	-	P	V
		215.76	33.9	-9.6	43.5	49.04	14.65	2.27	32.06	-	-	P	V
		623.4	37.37	-8.63	46	39.83	25.8	3.8	32.06	-	-	P	V
		947.5	33.13	-12.87	46	29.26	30.05	4.64	30.82	-	-	P	V
		992.3	34.34	-19.66	54	29.91	30.02	4.78	30.37	-	-	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.

<Sample 3>

Band 1 - 5150~5250MHz

WIFI 802.11ax HE160 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.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 50 5250MHz		5136.2	61.44	-12.56	74	51.35	33.17	10.56	33.64	319	0	P	H
		5145.2	52.23	-1.77	54	42.11	33.19	10.57	33.64	319	0	A	H
	*	5250	104.31	-	-	94.14	33.1	10.71	33.64	319	0	P	H
	*	5250	95.92	-	-	85.75	33.1	10.71	33.64	319	0	A	H
		5354.4	61.37	-12.63	74	51.12	32.91	10.97	33.63	319	0	P	H
		5356.08	51.67	-2.33	54	41.42	32.91	10.97	33.63	319	0	A	H
		5111.9	56.88	-17.12	74	46.85	33.12	10.55	33.64	345	107	P	V
		5122.4	46.55	-7.45	54	36.49	33.14	10.56	33.64	345	107	A	V
	*	5250	97.85	-	-	87.68	33.1	10.71	33.64	345	107	P	V
	*	5250	89.9	-	-	79.73	33.1	10.71	33.64	345	107	A	V
		5372.88	55.76	-18.24	74	45.43	32.95	11.01	33.63	345	107	P	V
		5364.48	45.33	-8.67	54	35.04	32.93	10.99	33.63	345	107	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 HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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)
		7000	60.89	-7.31	68.2	68.3	35.8	15.57	58.78	150	14	P	H
		10500	44.53	-23.67	68.2	48.52	38.9	17.66	60.55	-	-	P	H
		15750	46.54	-27.46	74	48.3	37.8	21.99	61.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		7000	56.19	-12.01	68.2	63.6	35.8	15.57	58.78	188	240	P	V
5250MHz		10500	44.95	-23.25	68.2	48.94	38.9	17.66	60.55	-	-	P	V
		15750	47	-27	74	48.76	37.8	21.99	61.55	-	-	P	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full SHF		39912	46.96	-27.04	74	58.56	44.66	-0.35	55.91	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39956	47.42	-26.58	74	58.86	44.73	-0.32	55.85	-	-	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		39.18	28.73	-11.27	40	40.21	19.66	1.07	32.21	-	-	P	H
		214.41	37.22	-6.28	43.5	52.35	14.68	2.26	32.07	-	-	P	H
		227.37	35.49	-10.51	46	49.62	15.59	2.33	32.05	-	-	P	H
		922.3	31.75	-14.25	46	29.42	28.86	4.51	31.04	-	-	P	H
		943.3	33.29	-12.71	46	29.69	29.83	4.63	30.86	-	-	P	H
		986	34.1	-19.9	54	29.56	30.21	4.76	30.43	-	-	P	H
													H
													H
													H
													H
													H
													H
		39.18	35.42	-4.58	40	46.9	19.66	1.07	32.21	100	71	Q	V
		98.31	29.18	-14.32	43.5	44.11	15.65	1.55	32.13	-	-	P	V
		213.87	32.19	-11.31	43.5	47.31	14.69	2.26	32.07	-	-	P	V
		778.1	30.96	-15.04	46	30.82	27.73	4.27	31.86	-	-	P	V
		860.7	31.73	-14.27	46	30.1	28.77	4.38	31.52	-	-	P	V
		934.2	33.83	-12.17	46	30.82	29.37	4.58	30.94	-	-	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.

<Sample 4>

Band 1 - 5150~5250MHz

WIFI 802.11ax HE160 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.
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 50 5250MHz		5144.45	61.94	-12.06	74	51.82	33.19	10.57	33.64	286	0	P	H
		5144.45	52.47	-1.53	54	42.35	33.19	10.57	33.64	286	0	A	H
	*	5250	105.06	-	-	94.89	33.1	10.71	33.64	286	0	P	H
	*	5250	94.58	-	-	84.41	33.1	10.71	33.64	286	0	A	H
		5376.24	60.59	-13.41	74	50.25	32.95	11.02	33.63	286	0	P	H
		5355.84	50.36	-3.64	54	40.11	32.91	10.97	33.63	286	0	A	H
		5140.94	57.88	-16.12	74	47.77	33.18	10.57	33.64	348	107	P	V
		5142.02	47.92	-6.08	54	37.81	33.18	10.57	33.64	348	107	A	V
	*	5250	96.58	-	-	86.41	33.1	10.71	33.64	348	107	P	V
	*	5250	87.96	-	-	77.79	33.1	10.71	33.64	348	107	A	V
		5353.68	55.18	-18.82	74	44.93	32.91	10.97	33.63	348	107	P	V
		5363.76	44.27	-9.73	54	33.98	32.93	10.99	33.63	348	107	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 HE160 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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)
		7000	60.5	-7.7	68.2	67.91	35.8	15.57	58.78	150	15	P	H
		10500	45.77	-22.43	68.2	49.76	38.9	17.66	60.55	-	-	P	H
		15750	46.51	-27.49	74	48.27	37.8	21.99	61.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		7000	55.59	-12.61	68.2	63	35.8	15.57	58.78	260	238	P	V
5250MHz		10500	45.17	-23.03	68.2	49.16	38.9	17.66	60.55	-	-	P	V
		15750	46.41	-27.59	74	48.17	37.8	21.99	61.55	-	-	P	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full SHF		40000	47.6	-26.4	74	58.88	44.8	-0.28	55.8	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39978	47.85	-26.15	74	59.22	44.76	-0.3	55.83	-	-	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 HE160 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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF		38.91	28.12	-11.88	40	39.48	19.79	1.06	32.21	-	-	P	H
		166.89	31.07	-12.43	43.5	45.51	15.59	2.05	32.08	-	-	P	H
		215.49	36.09	-7.41	43.5	51.24	14.65	2.26	32.06	-	-	P	H
		435.1	25.01	-20.99	46	31.05	22.72	3.16	31.92	-	-	P	H
		718.6	32.12	-13.88	46	33.46	26.59	4.08	32.01	-	-	P	H
		956.6	35.16	-10.84	46	30.71	30.5	4.68	30.73	-	-	P	H
													H
													H
													H
													H
													H
													H
		39.18	36.26	-3.74	40	47.74	19.66	1.07	32.21	100	101	Q	V
		162.3	28.95	-14.55	43.5	43.03	15.98	2.03	32.09	-	-	P	V
		214.95	36.03	-7.47	43.5	51.17	14.67	2.26	32.07	-	-	P	V
		556.2	27.86	-18.14	46	30.48	25.73	3.61	31.96	-	-	P	V
		736.1	30.38	-15.62	46	30.7	27.45	4.14	31.91	-	-	P	V
		951	34.3	-11.7	46	30.2	30.23	4.66	30.79	-	-	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.	
0+1		(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)

= Level(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 :	Yuan Lee, JC Liang and Troye Hsieh	**Temperature :**	17.9~25.9°C
		Relative Humidity :	51.1~67.1%

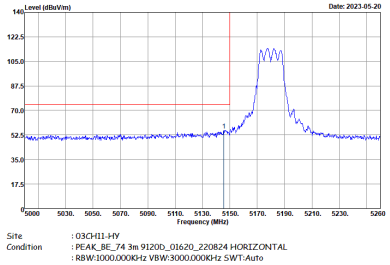
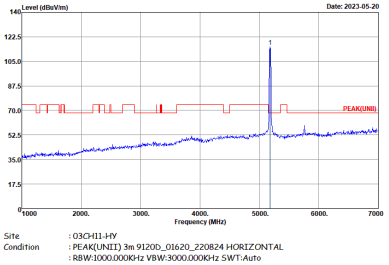
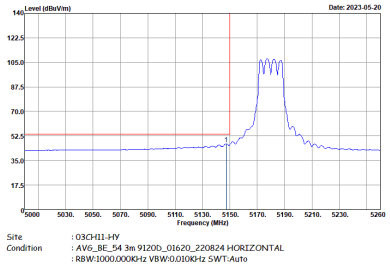
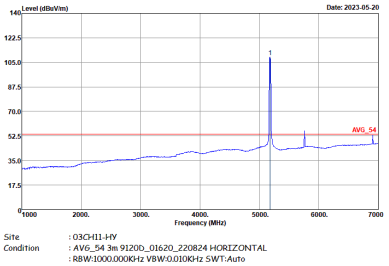
Note symbol

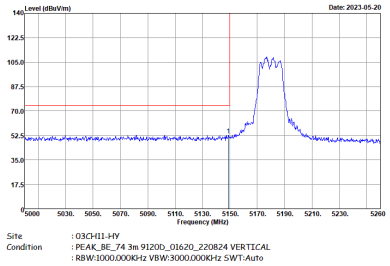
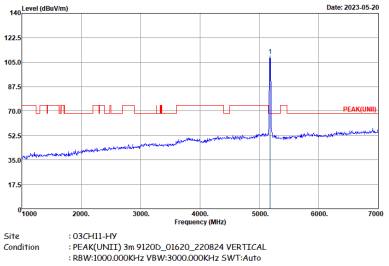
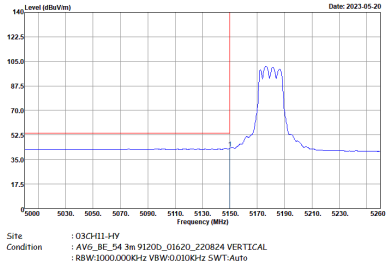
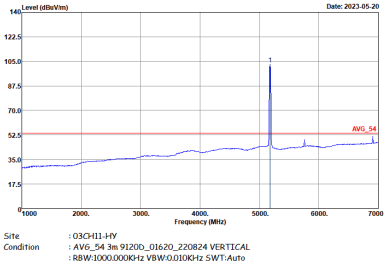
-L	**Low channel location**
-R	**High channel location**

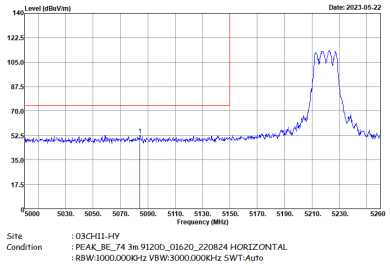
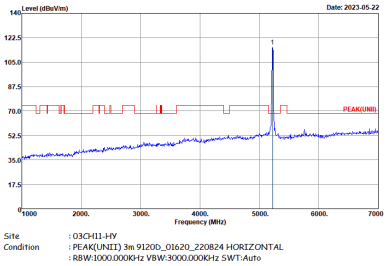
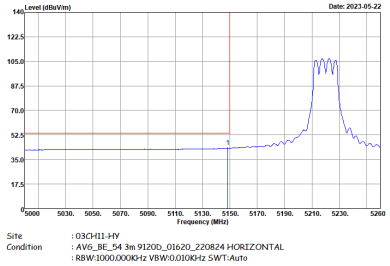
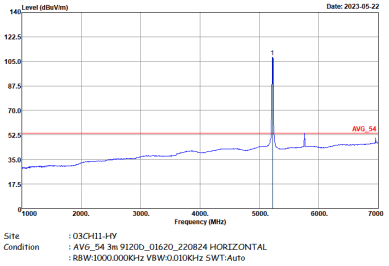
<Sample 1>

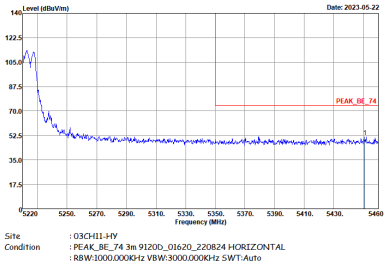
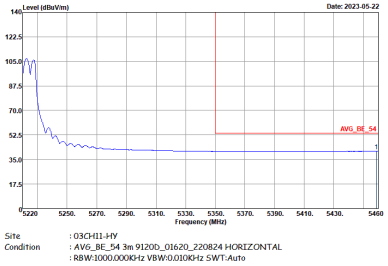
Band 1 - 5150~5250MHz

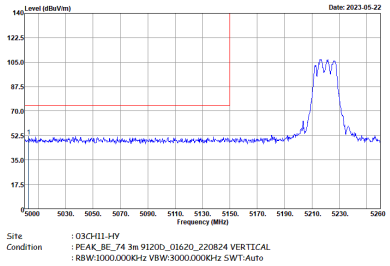
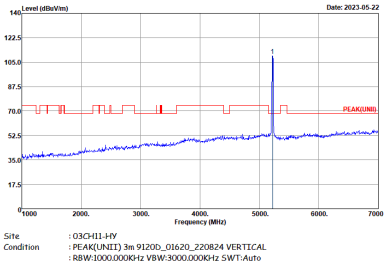
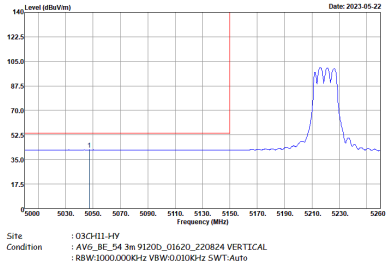
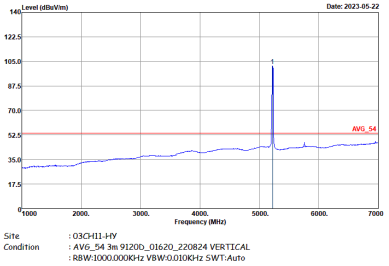
WIFI 802.11a (Band Edge @ 3m)

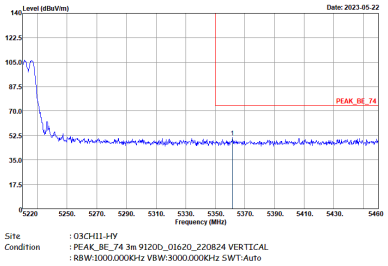
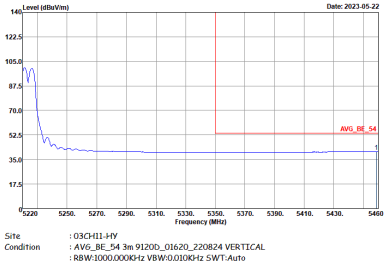
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

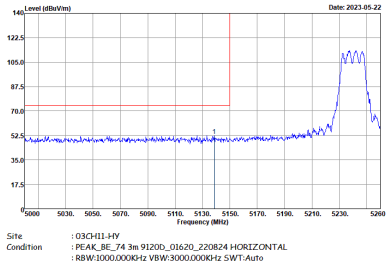
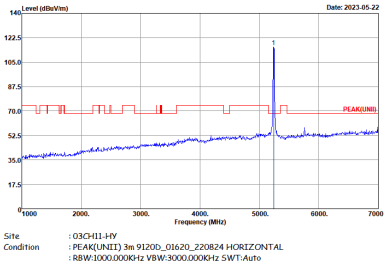
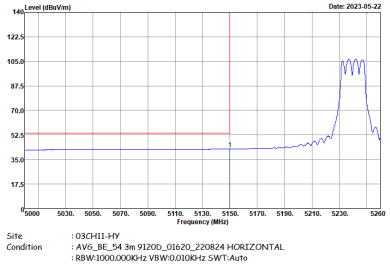
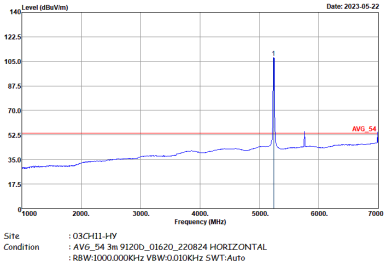
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

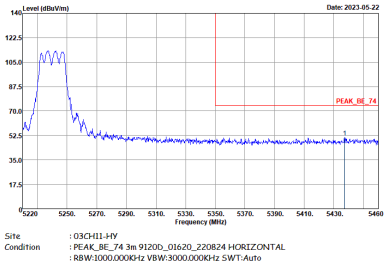
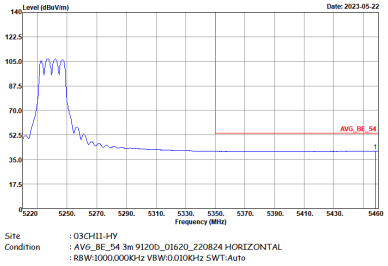
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

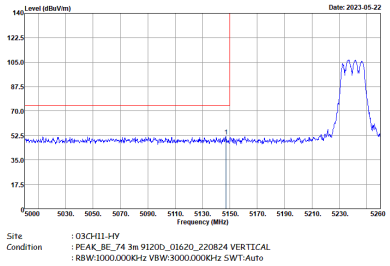
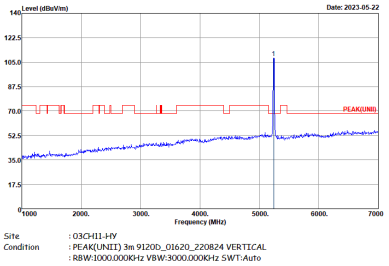
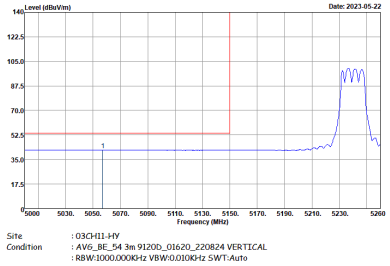
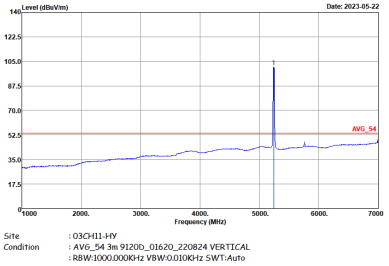
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

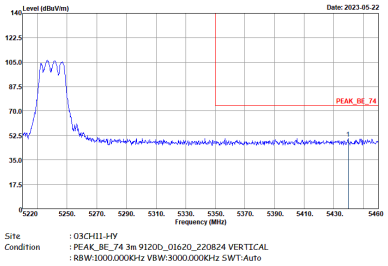
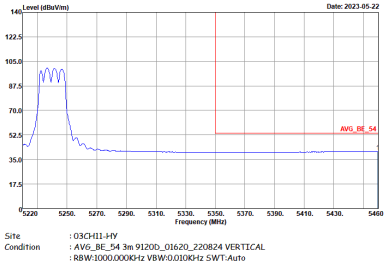
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

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

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

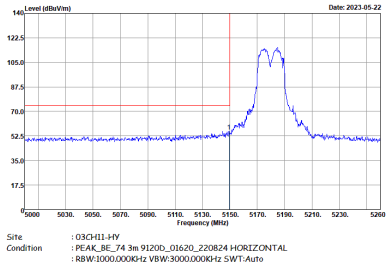
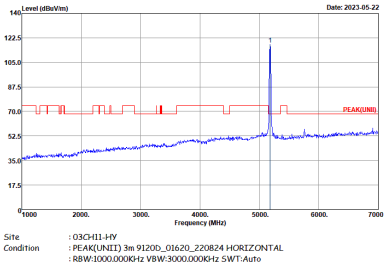
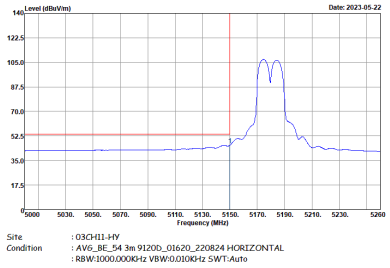
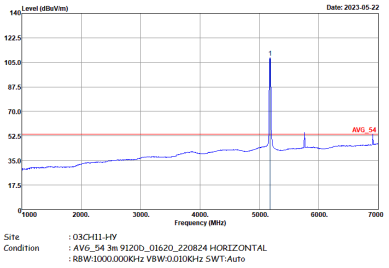
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

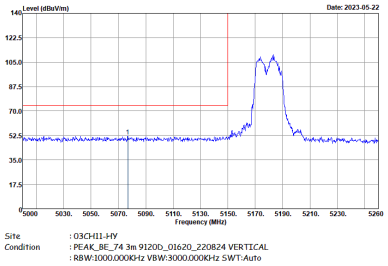
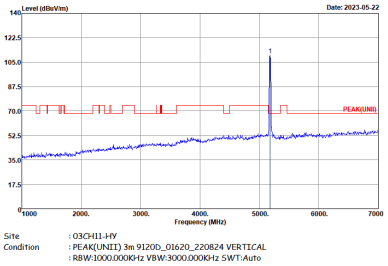
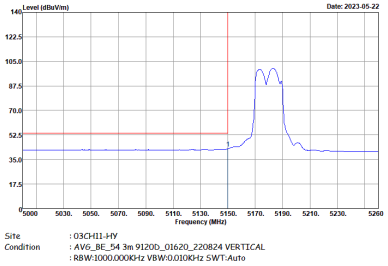
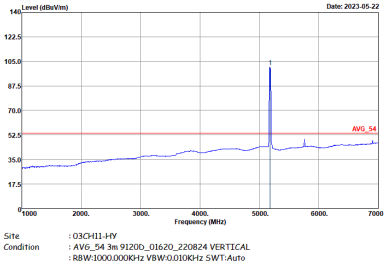
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

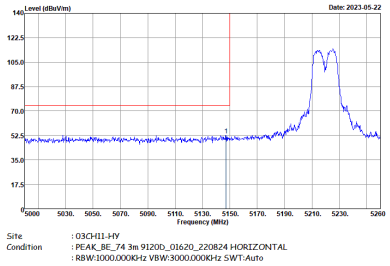
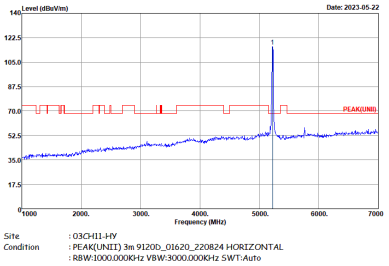
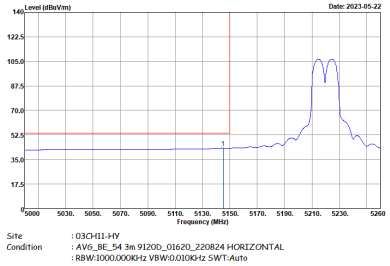
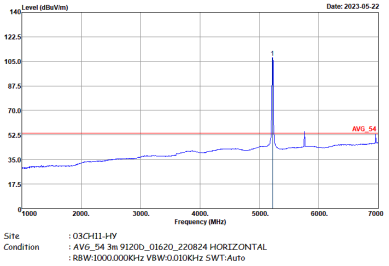
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

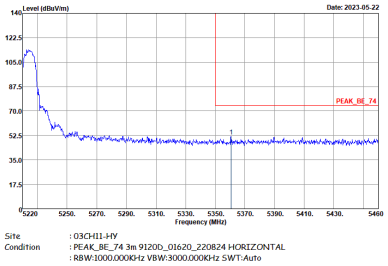
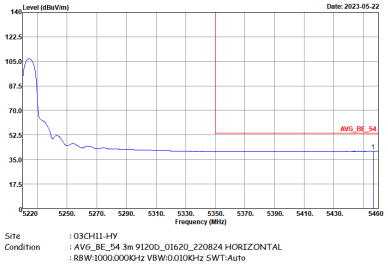
Band 1 5150~5250MHz

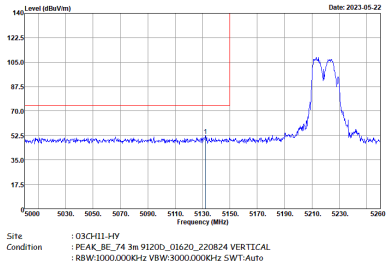
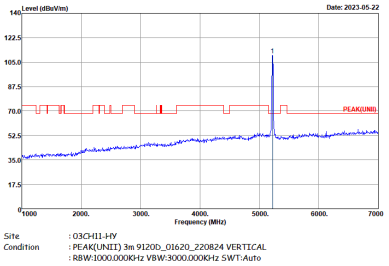
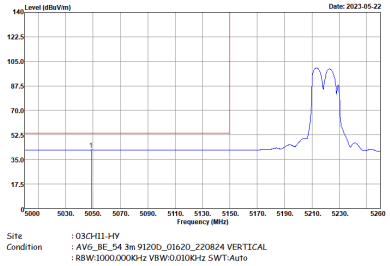
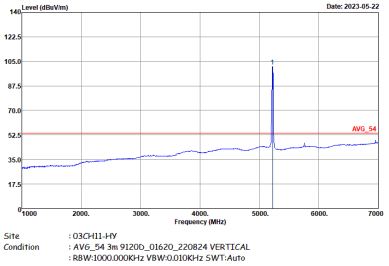
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

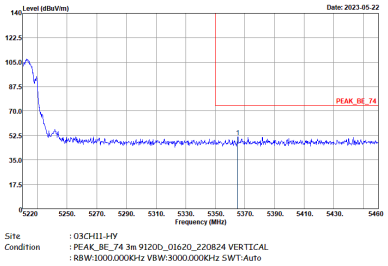
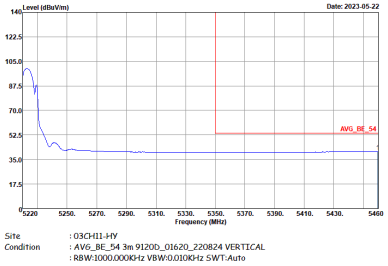
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

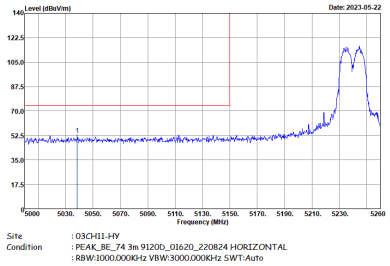
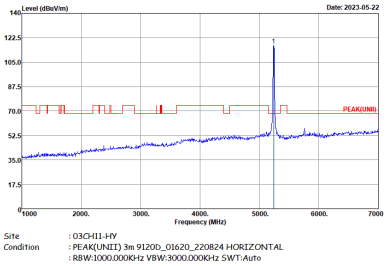
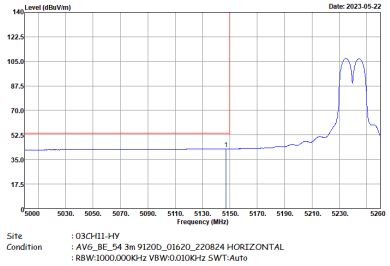
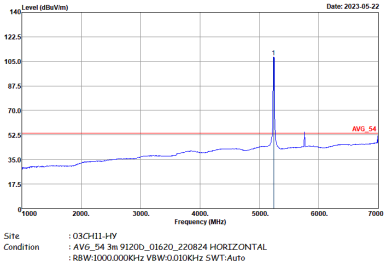
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

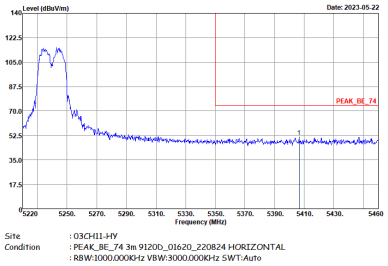
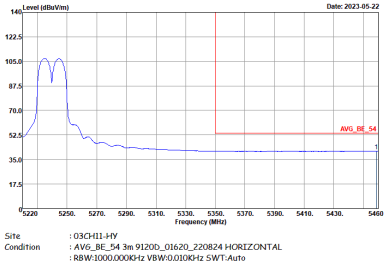
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

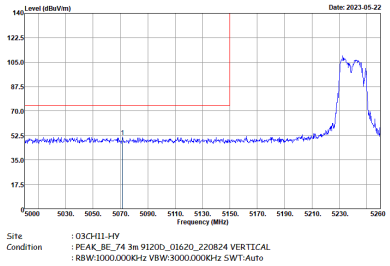
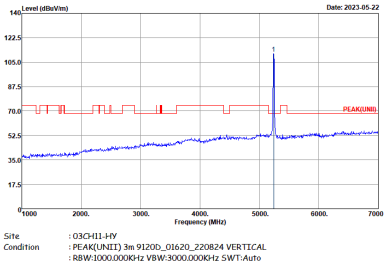
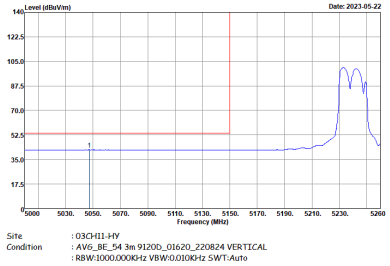
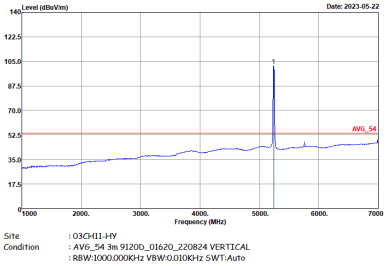
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

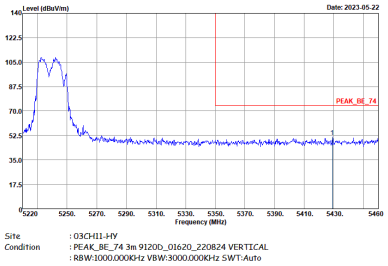
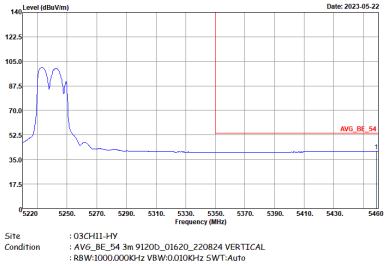
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

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

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

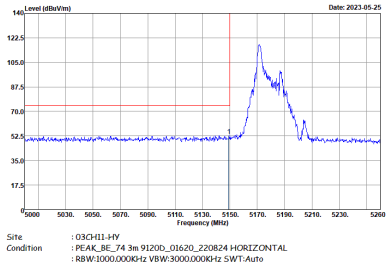
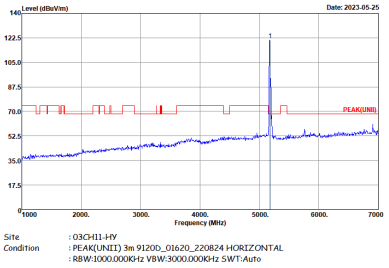
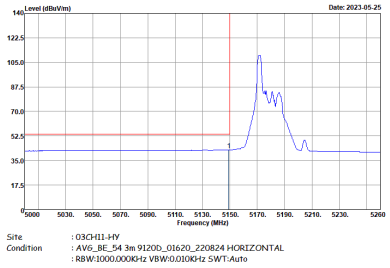
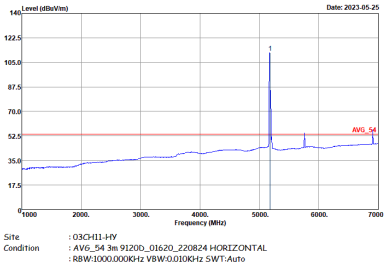
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

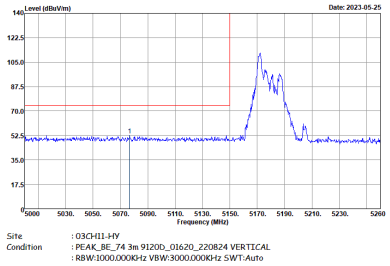
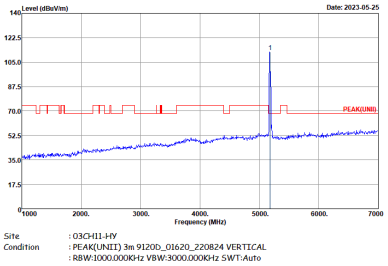
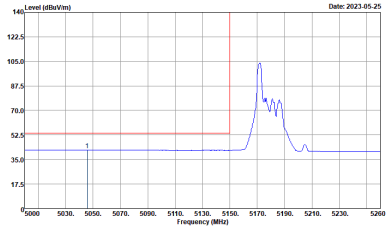
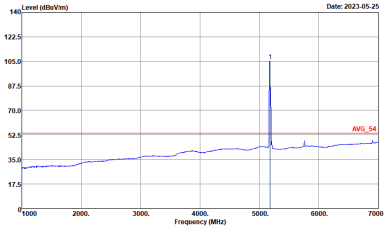
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

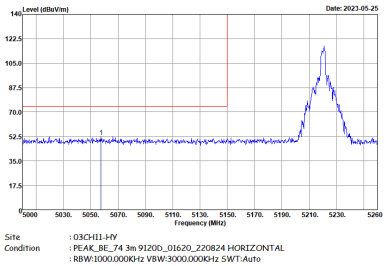
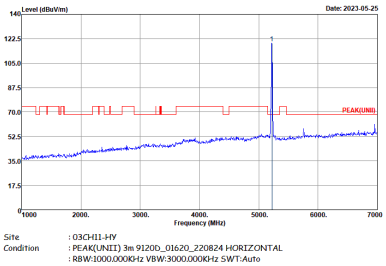
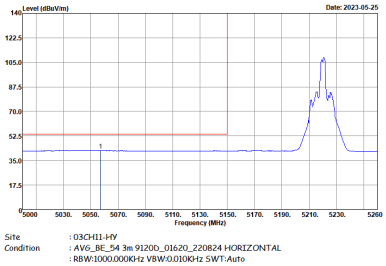
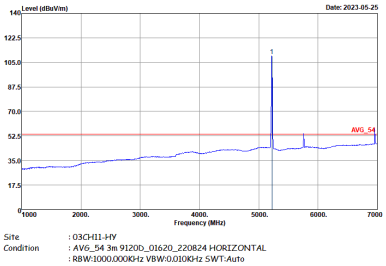
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

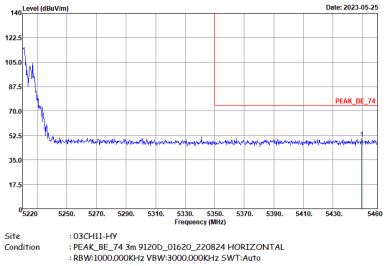
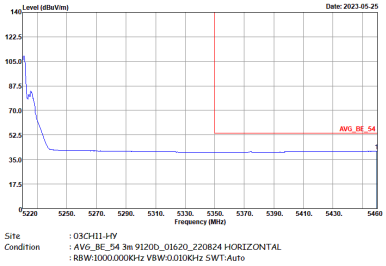
Band 1 5150~5250MHz

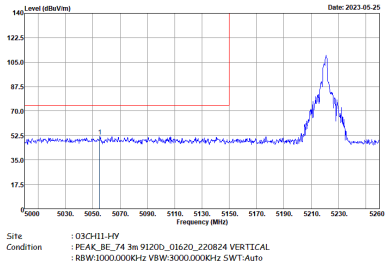
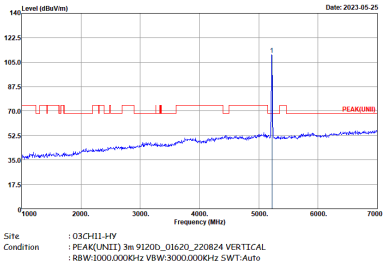
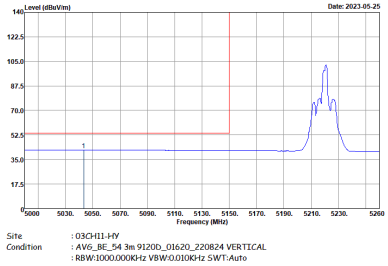
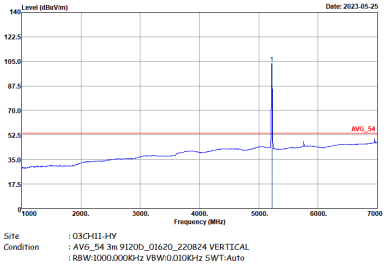
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

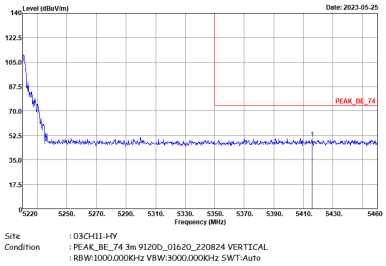
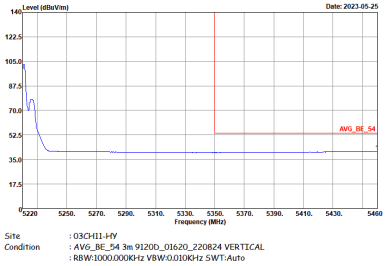
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

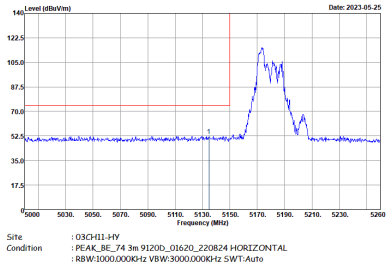
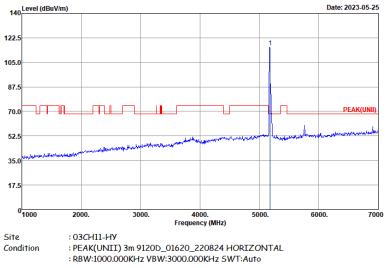
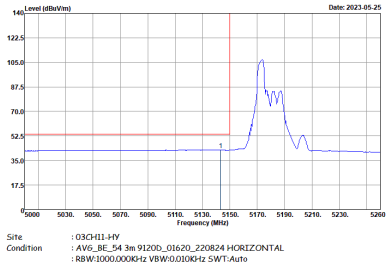
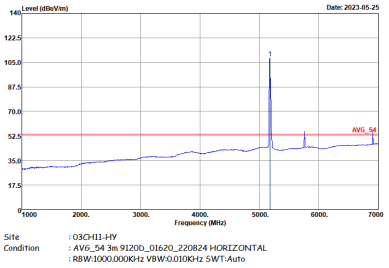
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

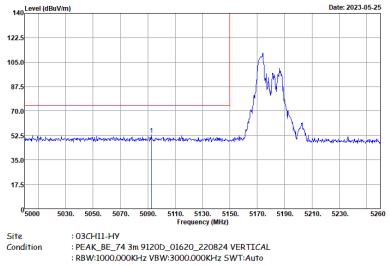
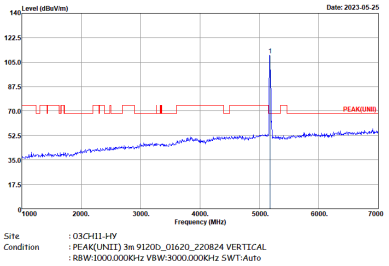
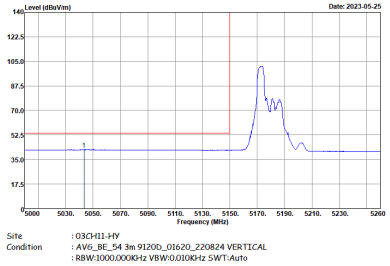
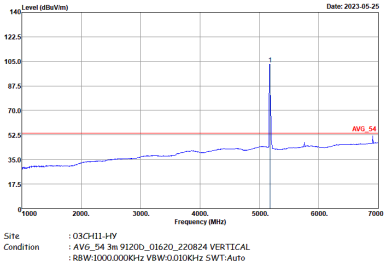
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

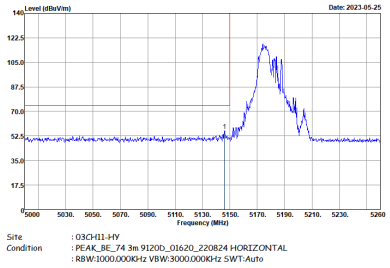
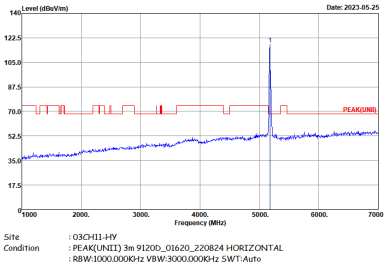
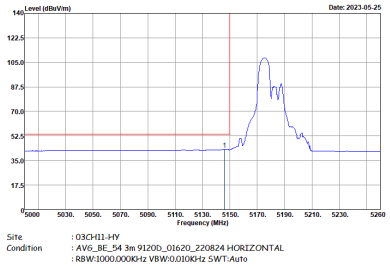
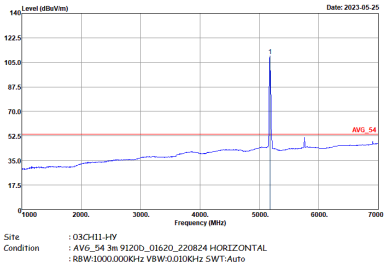
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

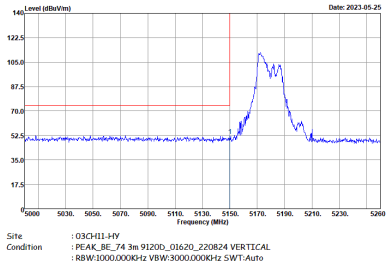
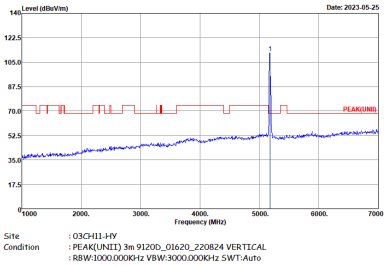
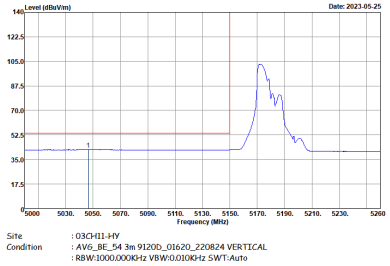
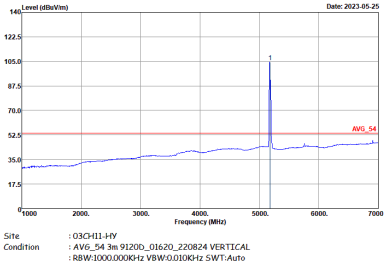
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

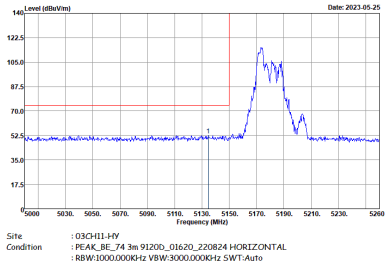
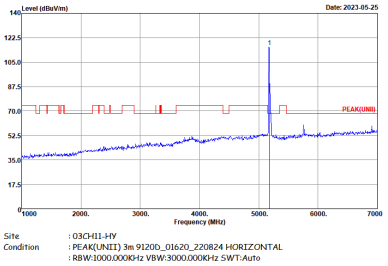
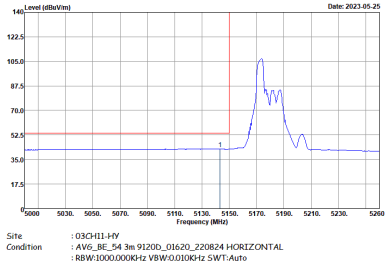
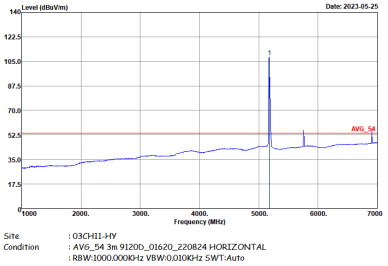
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

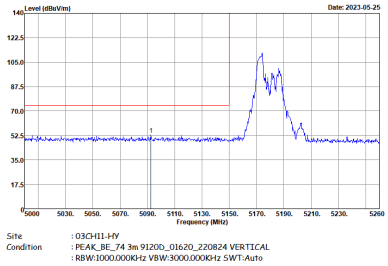
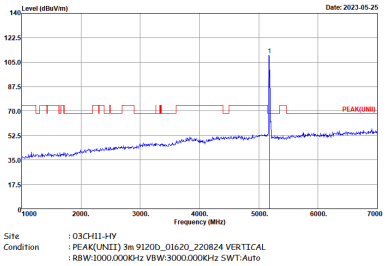
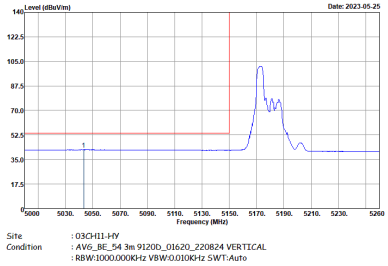
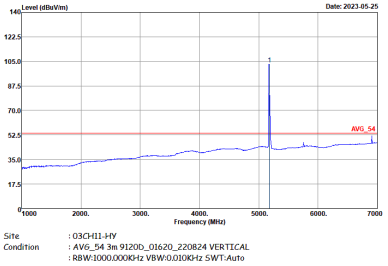
Band 1 5150~5250MHz

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

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

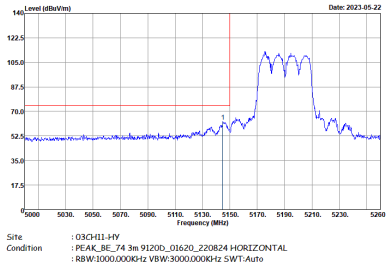
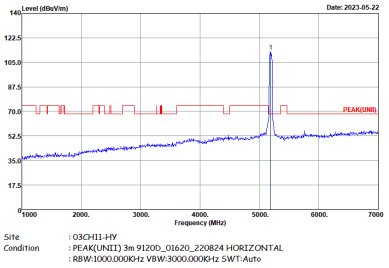
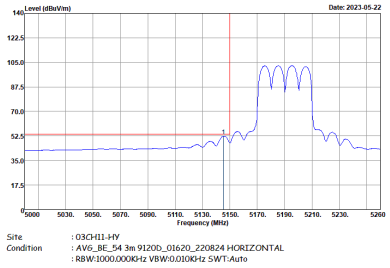
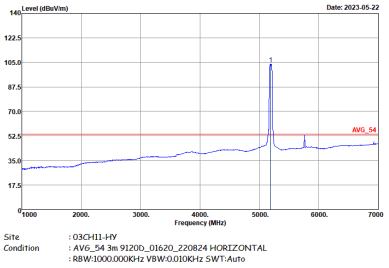
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

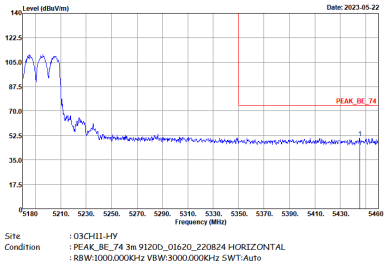
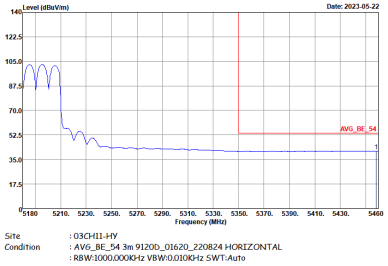
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/37 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

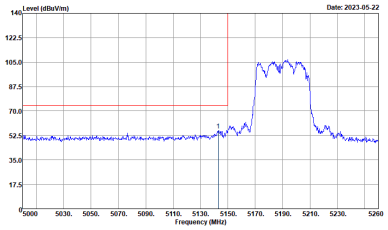
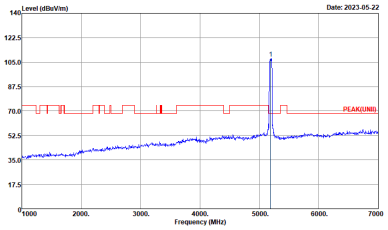
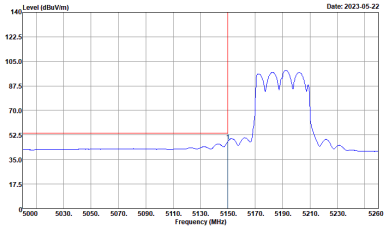
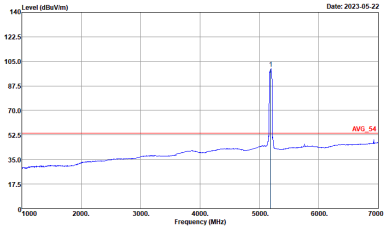
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		

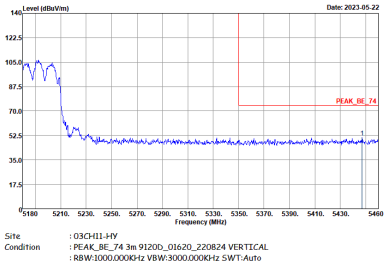
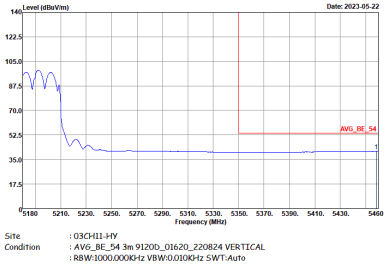
Band 1 5150~5250MHz

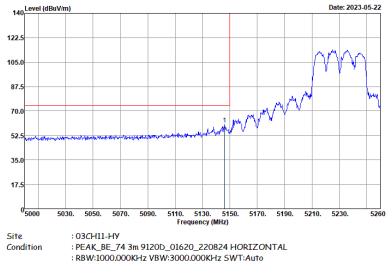
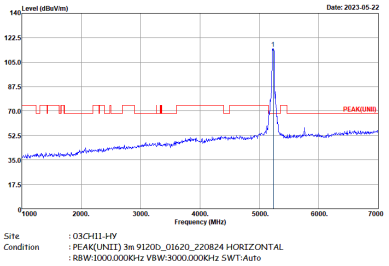
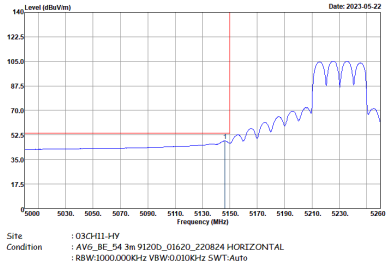
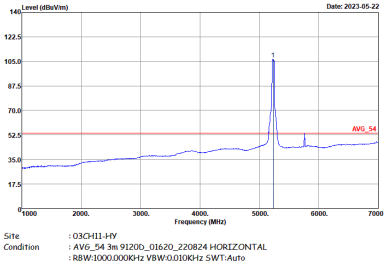
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

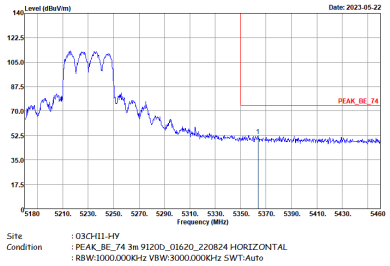
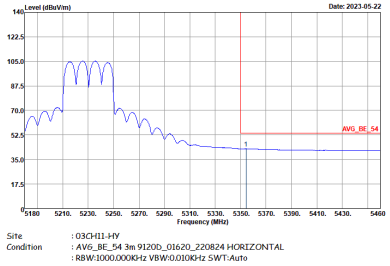
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

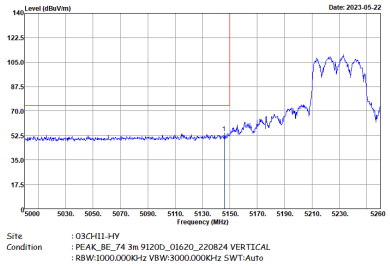
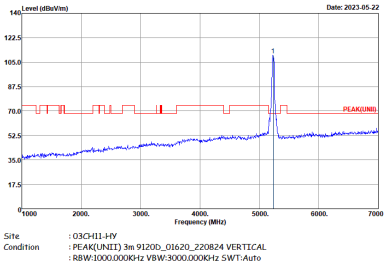
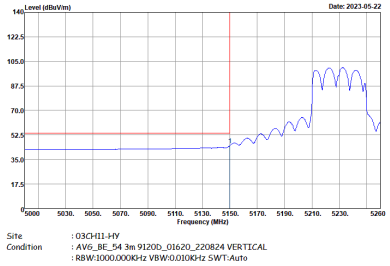
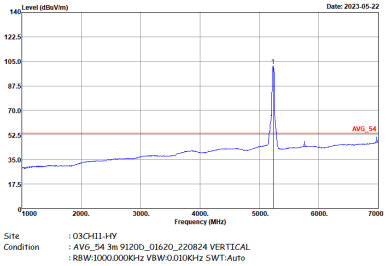
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

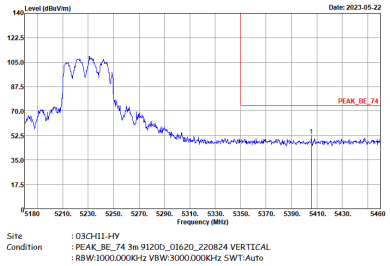
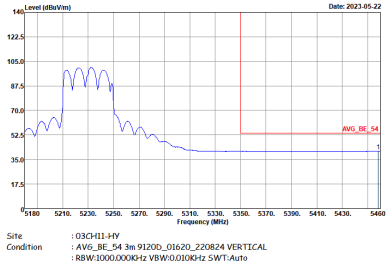
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

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

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

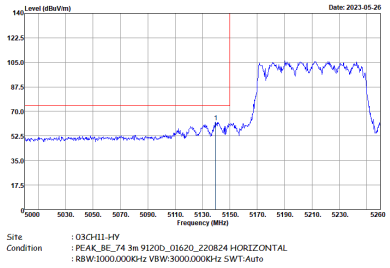
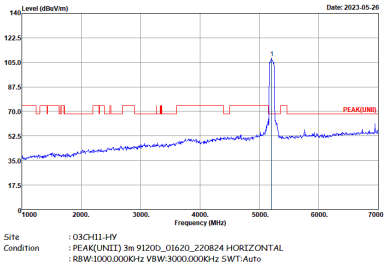
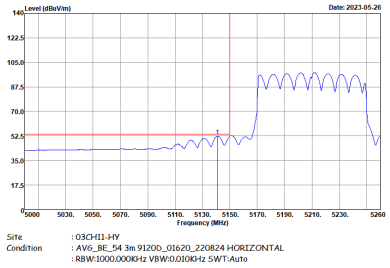
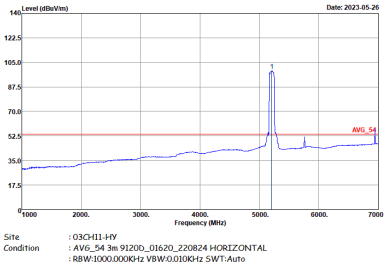
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

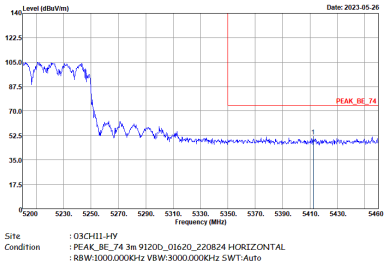
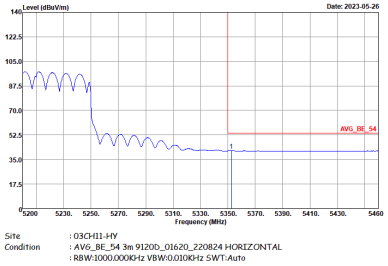
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

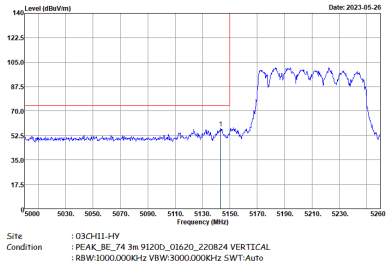
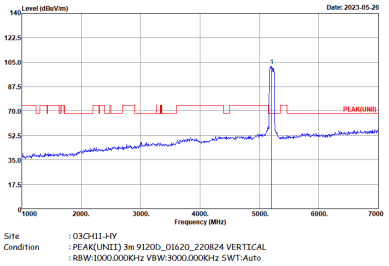
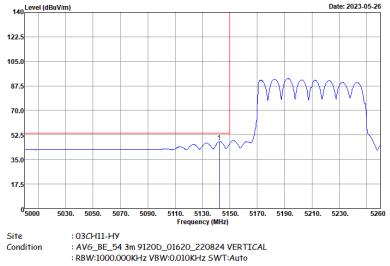
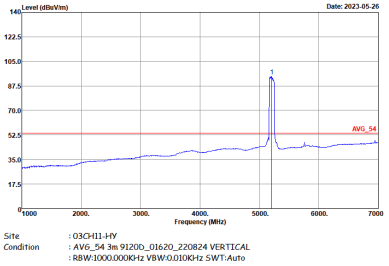
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

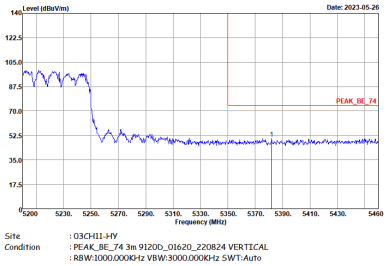
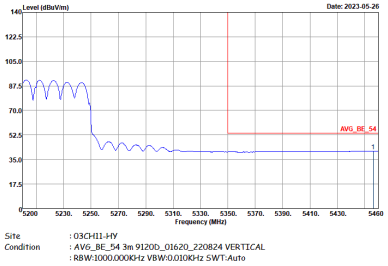
Band 1 5150~5250MHz

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

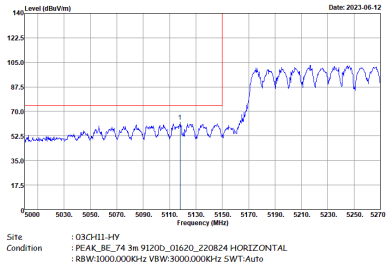
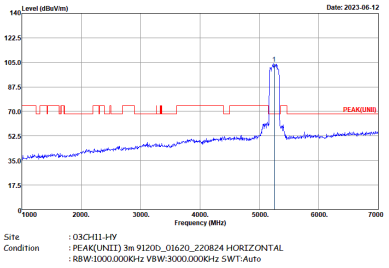
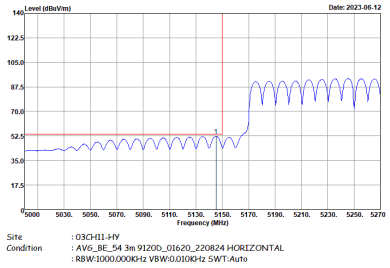
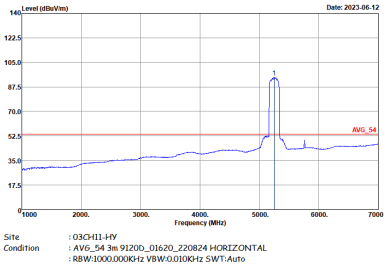
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

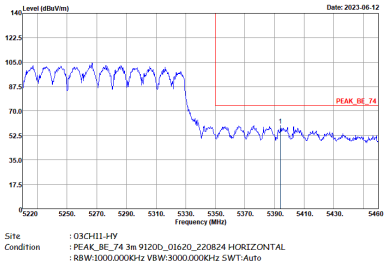
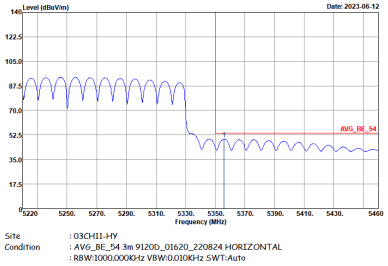
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

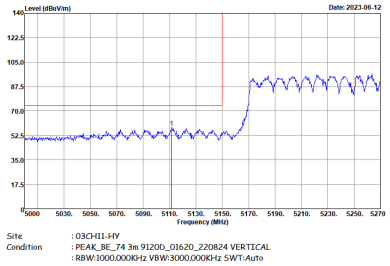
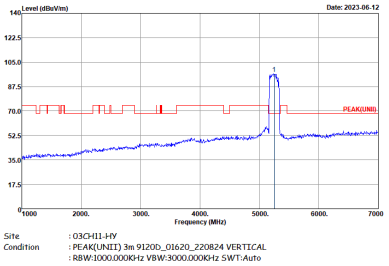
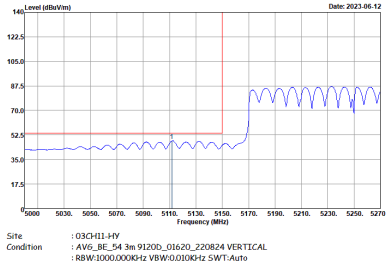
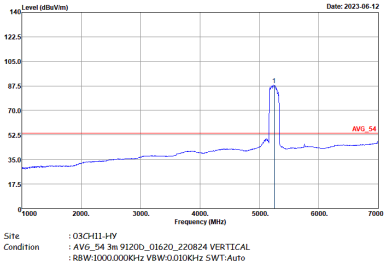
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

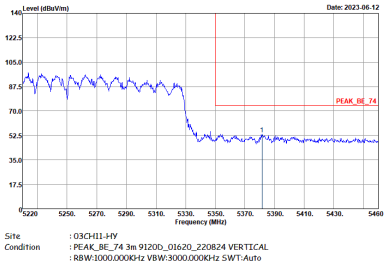
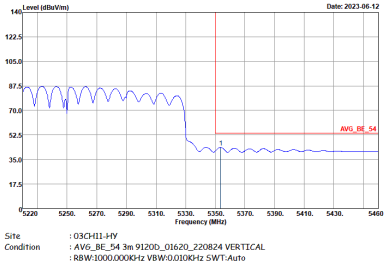
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

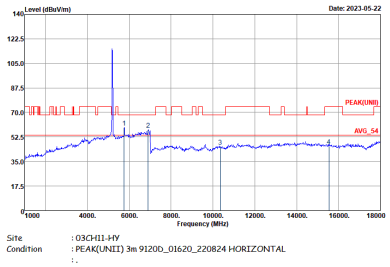
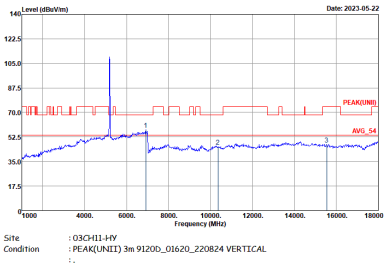
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

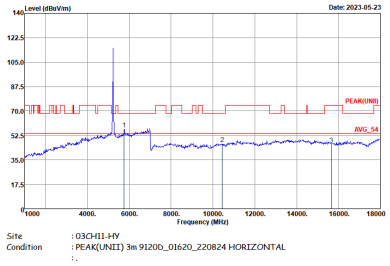
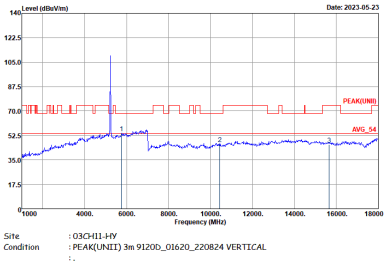
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

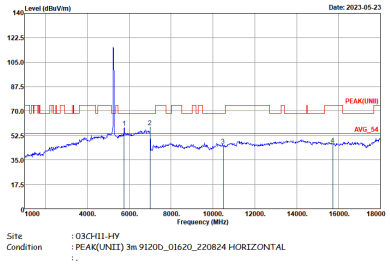
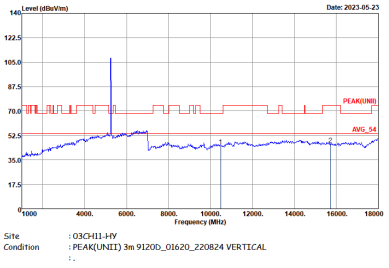
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

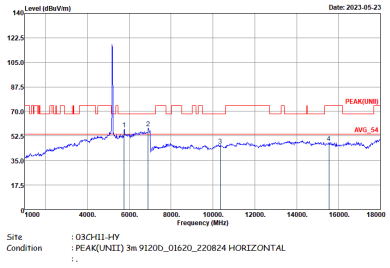
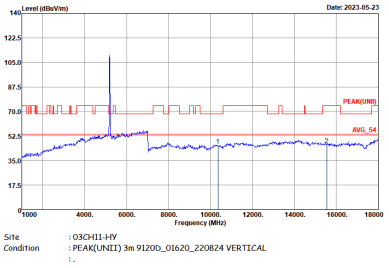
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

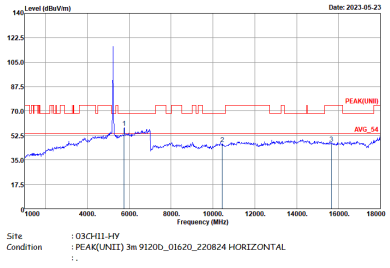
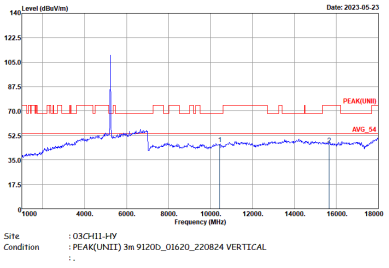
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

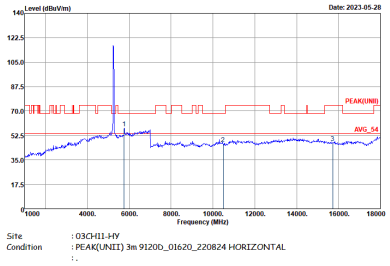
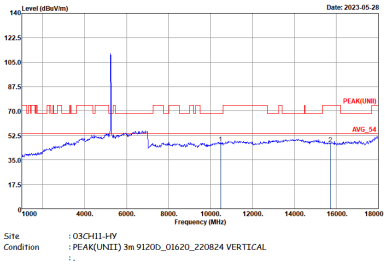
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

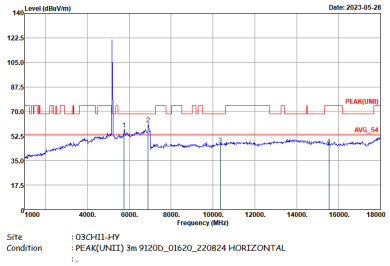
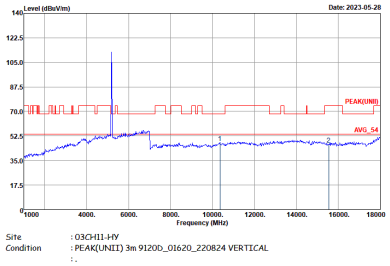
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

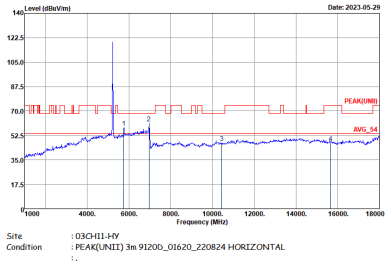
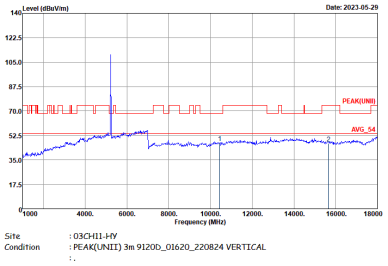
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

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

Band 1 5150~5250MHz

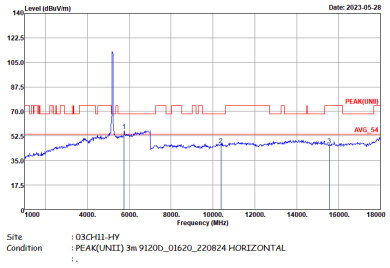
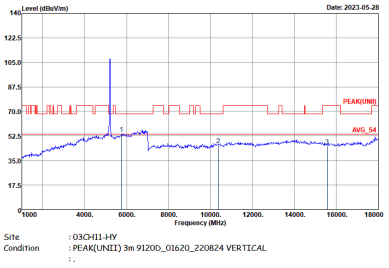
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

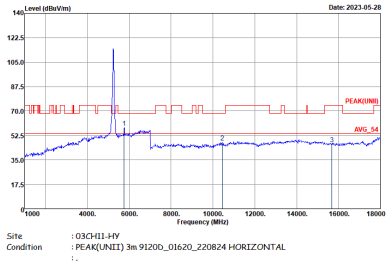
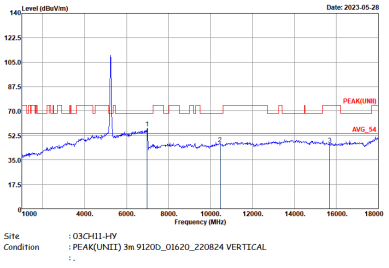
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

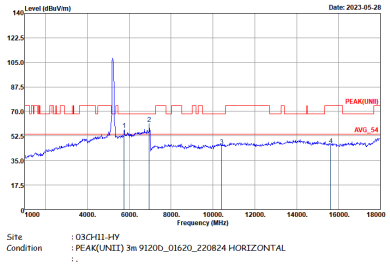
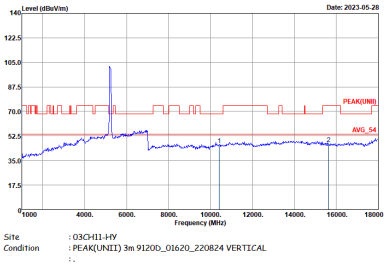
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

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

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

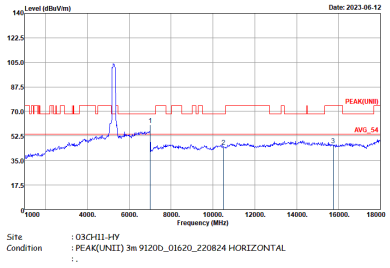
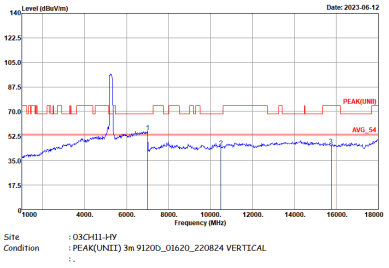
Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

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

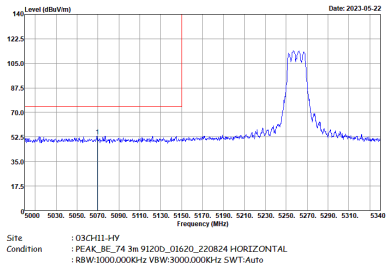
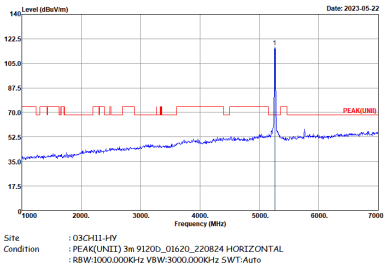
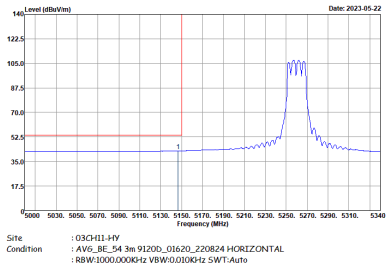
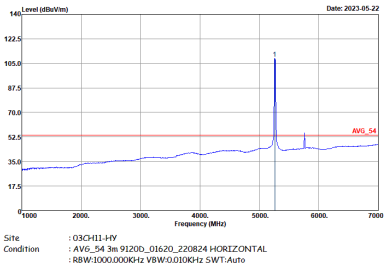
Band 1 5150~5250MHz

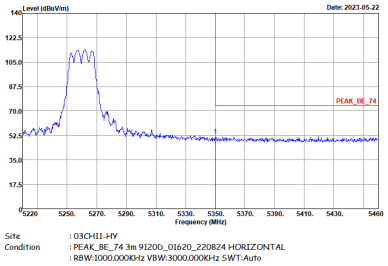
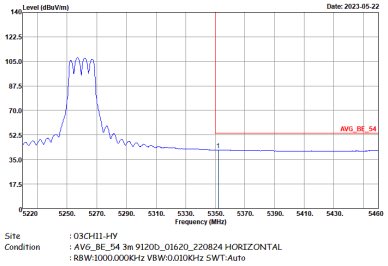
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

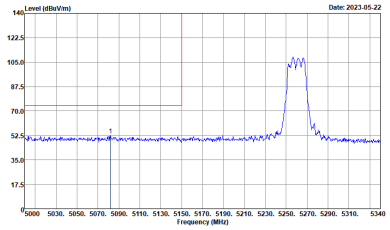
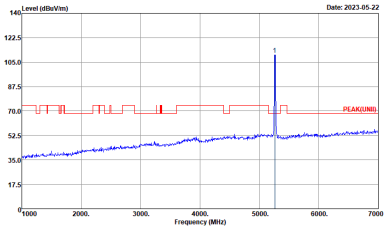
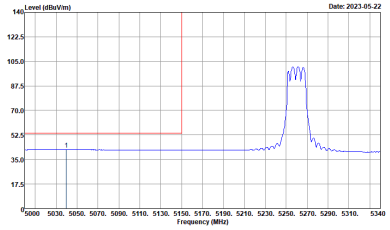
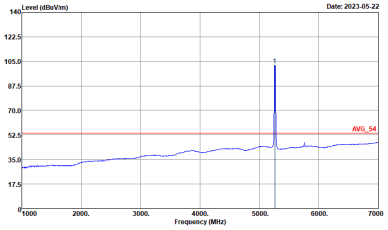
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
0+1	Horizontal	Vertical
Peak Avg.		

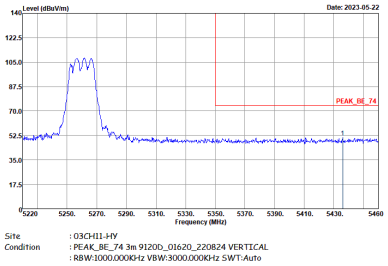
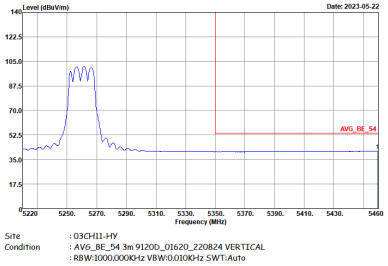
Band 2 - 5250~5350MHz

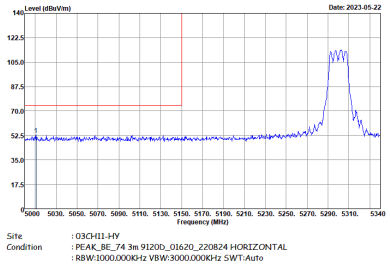
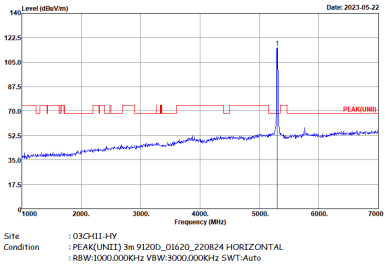
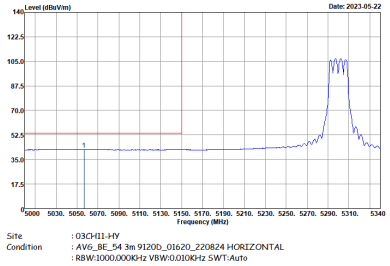
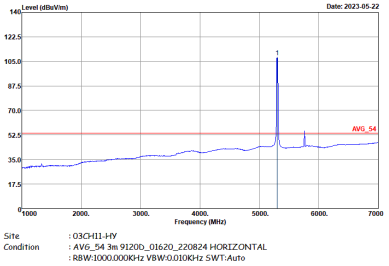
WIFI 802.11a (Band Edge @ 3m)

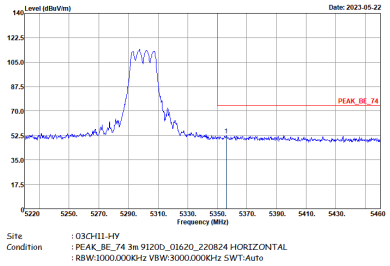
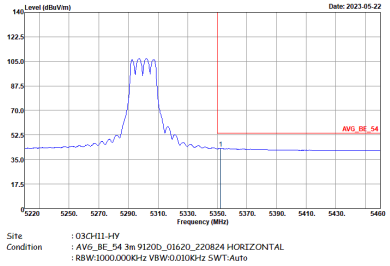
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

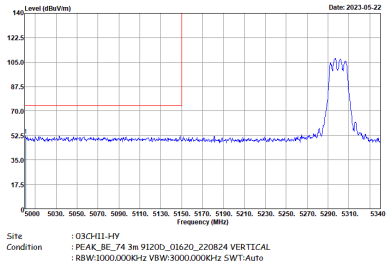
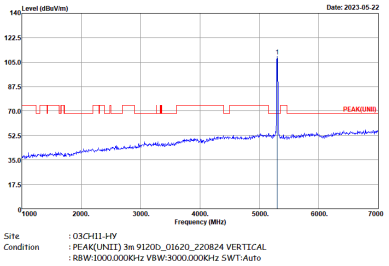
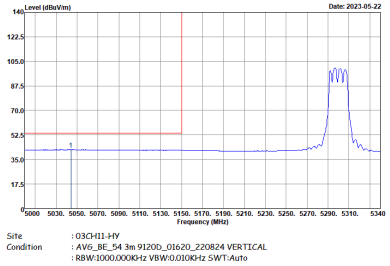
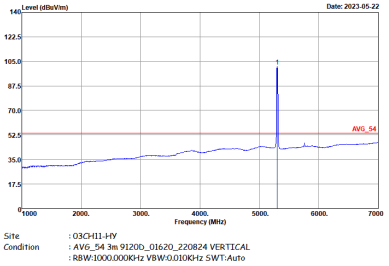
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

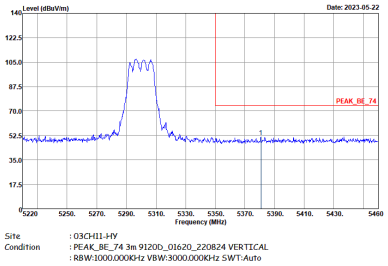
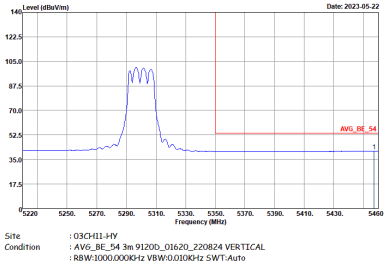
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

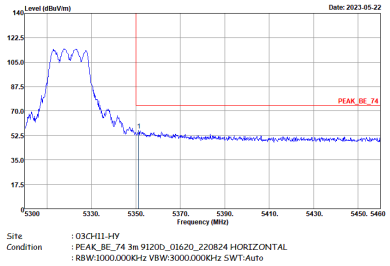
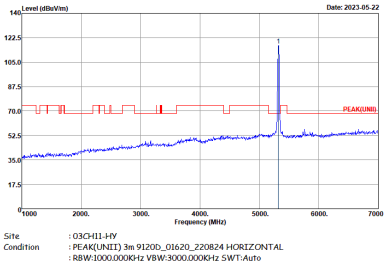
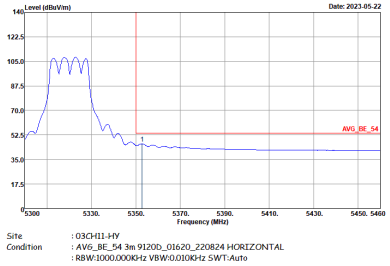
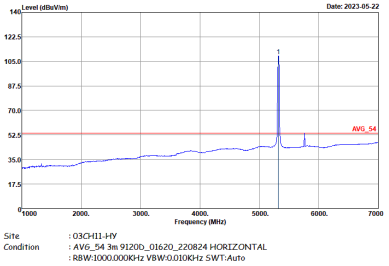
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

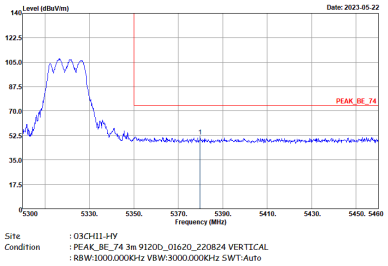
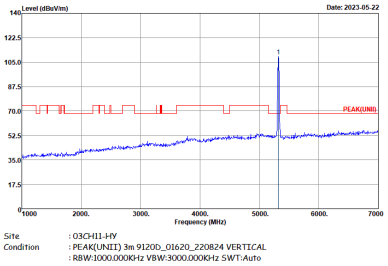
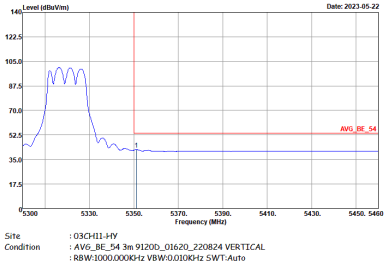
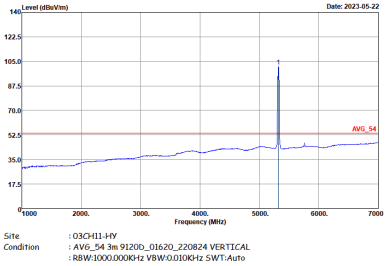
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

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

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

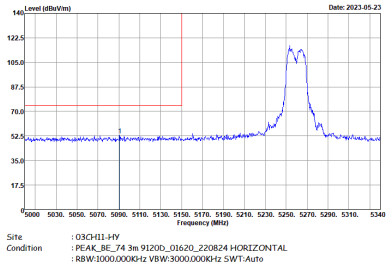
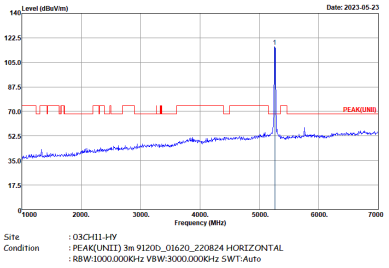
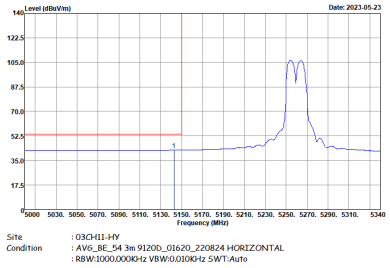
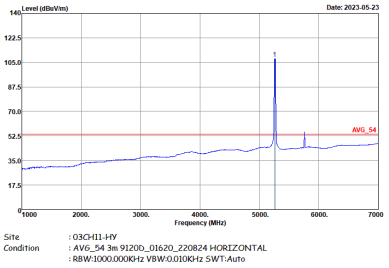
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

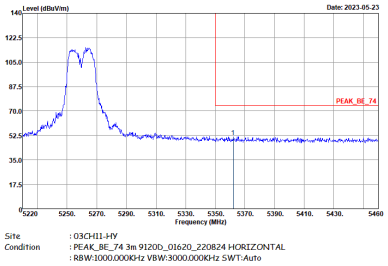
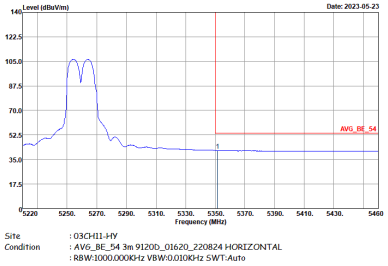
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		

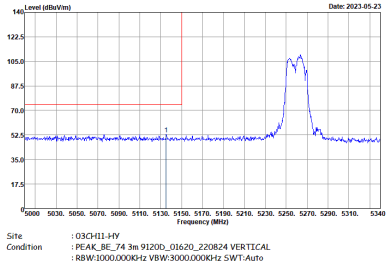
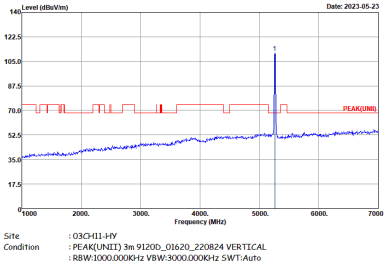
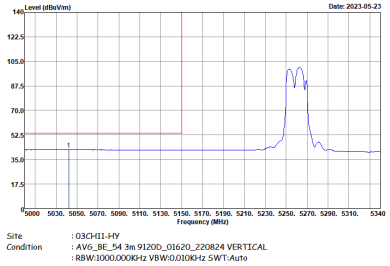
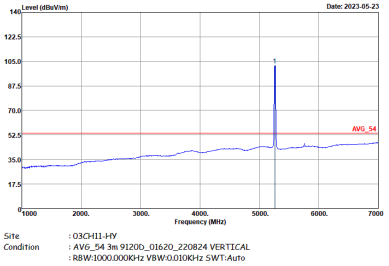
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

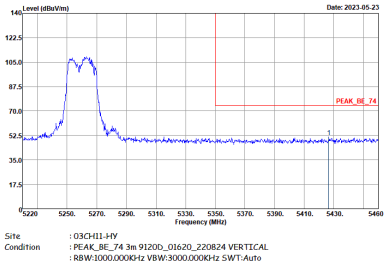
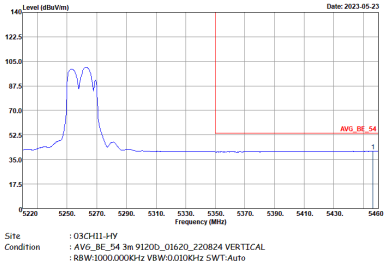
Band 2 5250~5350MHz

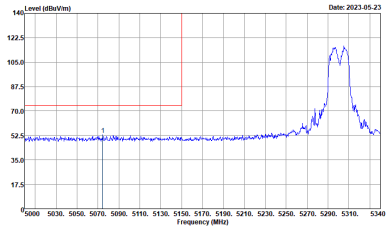
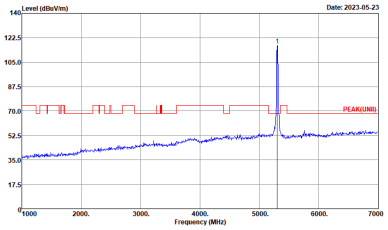
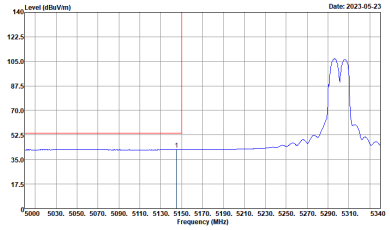
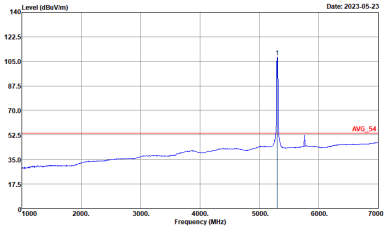
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 9120D_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK(UNII) 3m 9120D_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 9120D_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 9120D_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto