FCC RADIO TEST REPORT

FCC ID	:	**2A4DH-3967**
Equipment	:	**Digital Media Receiver**
Model Name	:	**GA5Z9L**
Applicant	:	**Amazon.com Services LLC** **410 Terry Avenue N, Seattle, WA 98109-5210 United States**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 26, 2022 and testing was performed from Jun. 08, 2022 to Jul. 15, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issue Date
FR211819-01D	01	Initial issue of report	Jul. 15, 2022
FR211819-01D	02	Revise appendix E	Aug. 11, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
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
3.5	15.207	AC Conducted Emission	Pass
3.6	15.407(c)	Automatically Discontinue Transmission	Pass
3.7	15.203 15.407(a)	Antenna Requirement	Pass

Declaration of Conformity:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".
Comments and Explanations:
The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Alan Liu

Report Producer: Cindy Liu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	GA5Z9L
FCC ID	2A4DH-3967
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Average Output Power to antenna	**MIMO <Ant. 0+1>:** **<5180 MHz ~ 5240 MHz>** 802.11a: 17.96 dBm / 0.0625 W 802.11n HT20: 18.37 dBm / 0.0687 W 802.11n HT40: 17.93 dBm / 0.0621 W 802.11ac VHT20: 18.37 dBm / 0.0687 W 802.11ac VHT40: 17.93 dBm / 0.0621 W 802.11ac VHT80: 14.57 dBm / 0.0286 W 802.11ax HE20: 18.47 dBm / 0.0703 W 802.11ax HE40: 18.03 dBm / 0.0635 W 802.11ax HE80: 14.67 dBm / 0.0293 W **<5260 MHz ~ 5320 MHz>** 802.11a: 18.12 dBm / 0.0649 W 802.11n HT20: 18.37 dBm / 0.0687 W 802.11n HT40: 18.43 dBm / 0.0697 W 802.11ac VHT20: 18.37 dBm / 0.0687 W 802.11ac VHT40: 18.43 dBm / 0.0697 W 802.11ac VHT80: 13.36 dBm / 0.0217 W 802.11ax HE20: 18.52 dBm / 0.0711 W 802.11ax HE40: 18.53 dBm / 0.0713 W 802.11ax HE80: 13.46 dBm / 0.0222 W **<5500 MHz ~ 5720 MHz>** 802.11a: 18.35 dBm / 0.0684 W 802.11n HT20: 18.72 dBm / 0.0745 W 802.11n HT40: 19.60 dBm / 0.0912 W 802.11ac VHT20: 18.72 dBm / 0.0745 W 802.11ac VHT40: 19.60 dBm / 0.0912 W 802.11ac VHT80: 18.95 dBm / 0.0785 W 802.11ax HE20: 18.82 dBm / 0.0762 W 802.11ax HE40: 19.70 dBm / 0.0933 W 802.11ax HE80: 19.05 dBm / 0.0804 W

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>99% Occupied Bandwidth</td><td>MIMO <Ant. 0>:
802.11a: 18.23 MHz
802.11ax HE20: 19.23 MHz
802.11ax HE40: 37.96 MHz
802.11ax HE80: 77.32 MHz
MIMO <Ant. 1>:
802.11a: 17.18 MHz
802.11ax HE20: 19.18 MHz
802.11ax HE40: 37.66 MHz
802.11ax HE80: 76.96 MHz</td></tr>
<tr><td>Antenna Gain</td><td><5180 MHz ~ 5240 MHz>
<Ant. 0>: PCB Inv F Antenna with gain 4.69 dBi
<Ant. 1>: PCB Inv F Antenna with gain 5.75 dBi
<5260 MHz ~ 5320 MHz>
<Ant. 0>: PCB Inv F Antenna with gain 4.72 dBi
<Ant. 1>: PCB Inv F Antenna with gain 5.14 dBi
<5500 MHz ~ 5720 MHz>
<Ant. 0>: PCB Inv F Antenna with gain 5.45 dBi
<Ant. 1>: PCB Inv F Antenna with gain 5.58 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM)
802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
802.11ax : OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><td></td><td>Ant. 0</td><td>Ant. 1</td></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Remark:

1. MIMO Ant. 0+1 Directional Gain is a calculated result from MIMO Ant. 0 and MIMO Ant. 1. The formula used in calculation is documented in section 3.7.
2. Power of MIMO Ant. 0 + Ant. 1 is a calculated result from sum of the power MIMO Ant. 0 and MIMO Ant. 1.

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	CO05-HY, DFS02-HY (TAF Code: 1190)
Remark	The Conducted Emission and Automatically Discontinue Transmission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory

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

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH20-HY

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

FCC designation No.: TW1190 and TW3786

1.5 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).

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

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

The final test modes consider the modulation and the worst data rates as 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**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + TV (connected to EUT via HDMI Out) + LED ON + IR ON + 1080p 12 bit Resolution Video Play from EUT's local Memory on TV
Remark: For Radiated Test Cases, the tests were performed with AP19 CR Adapter.	

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

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

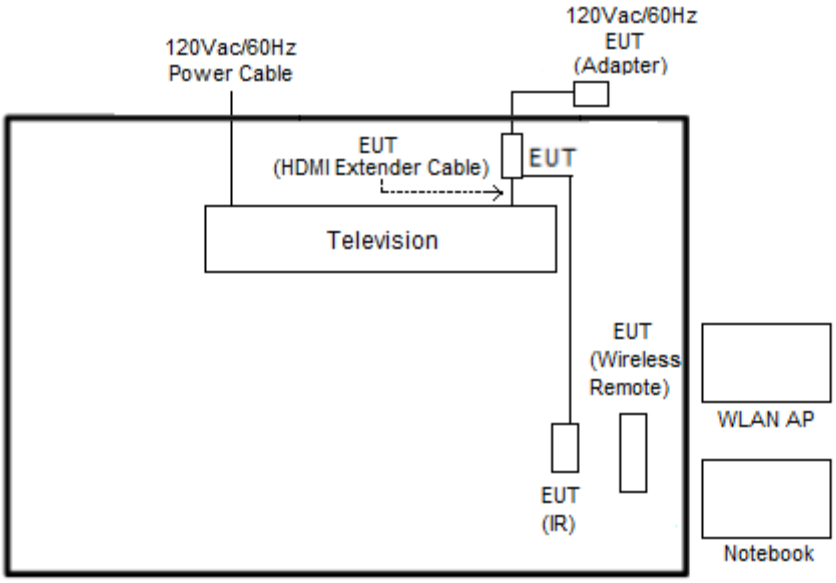
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

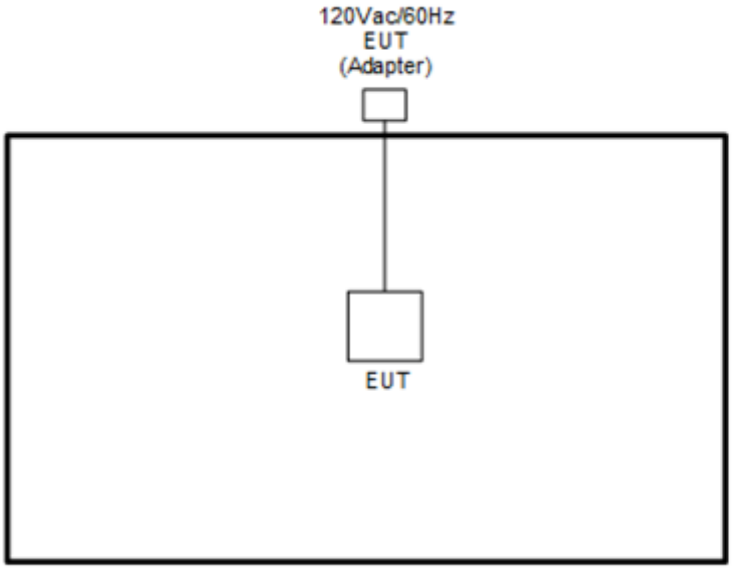
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission>



<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.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Television	Sharp	50UA6800T	FCC DoC	Shielded, 1.6m	Unshielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “Compliance 1.0.1.13” 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.

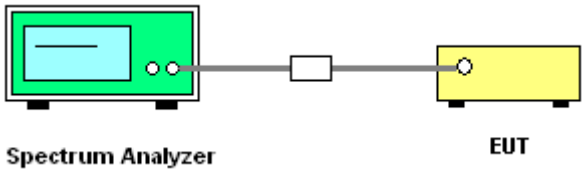
3.1.2 Measuring Instruments

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

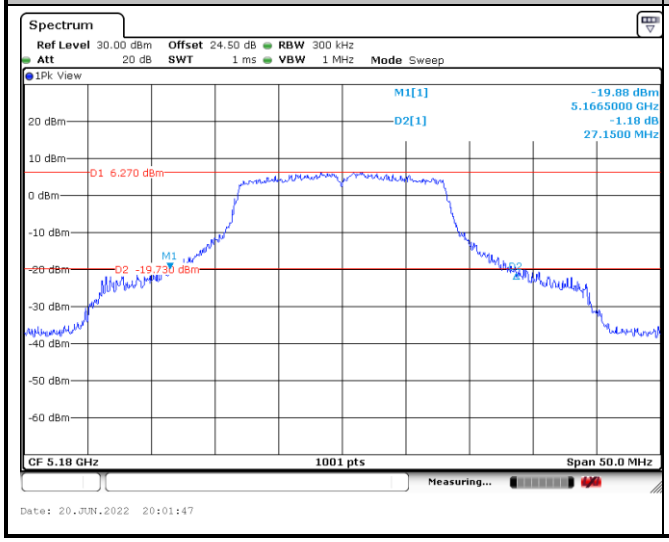
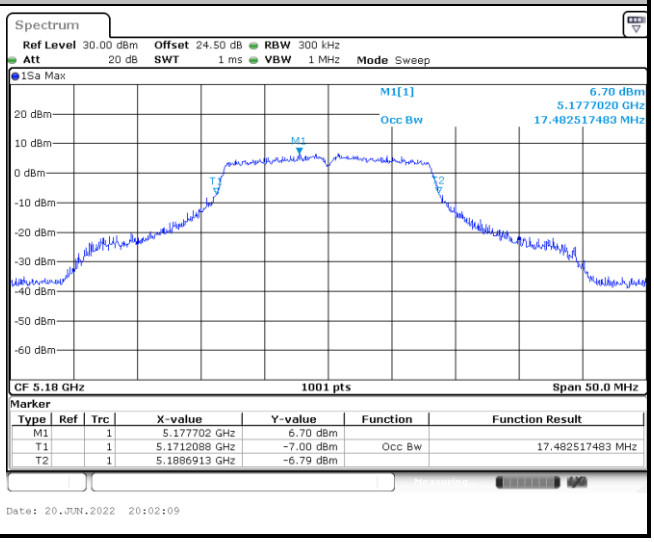


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

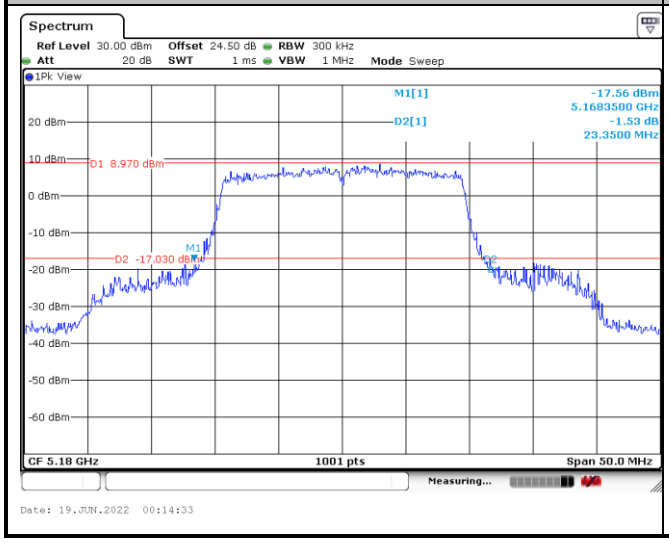
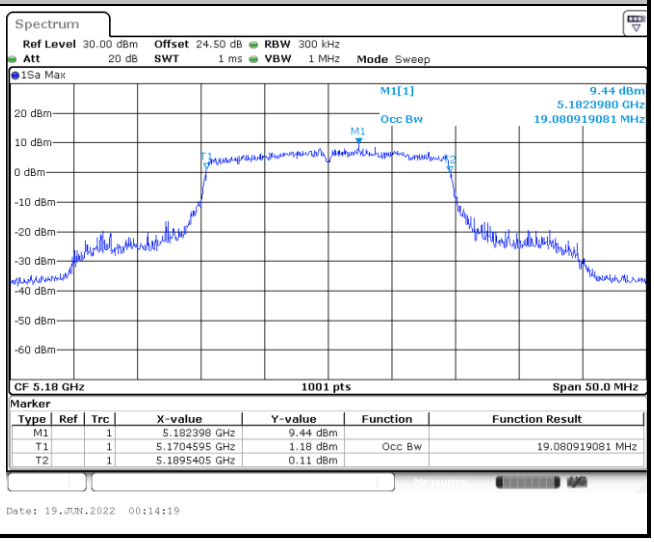
MIMO <Ant. 0+1>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

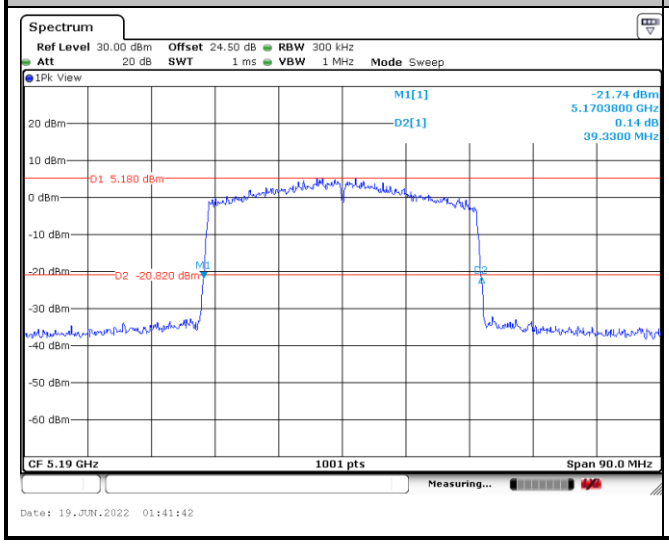
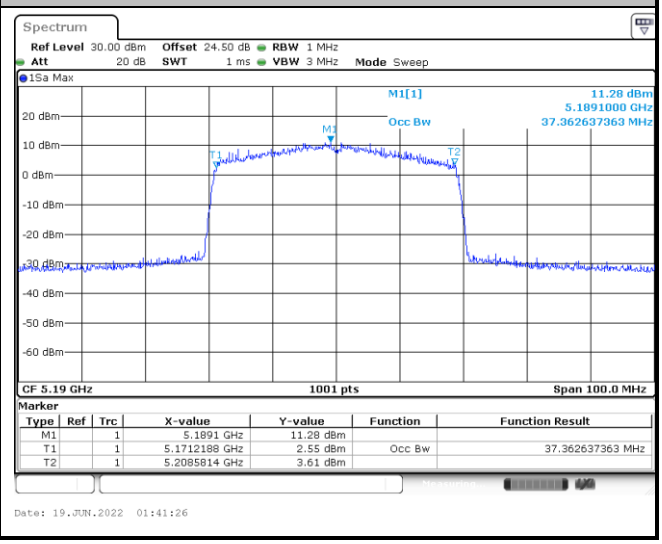
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

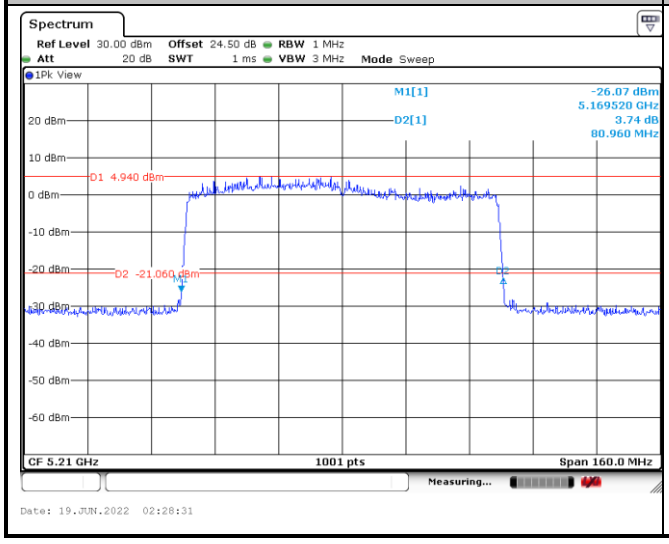
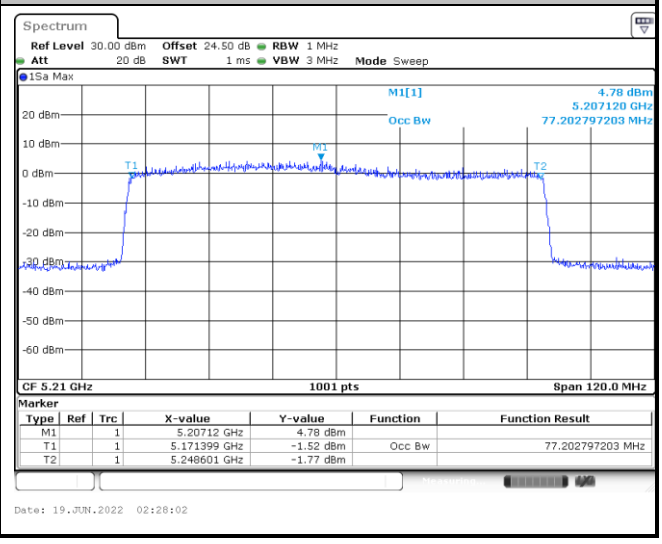
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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.

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

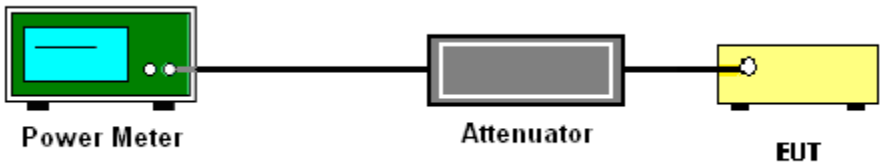
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

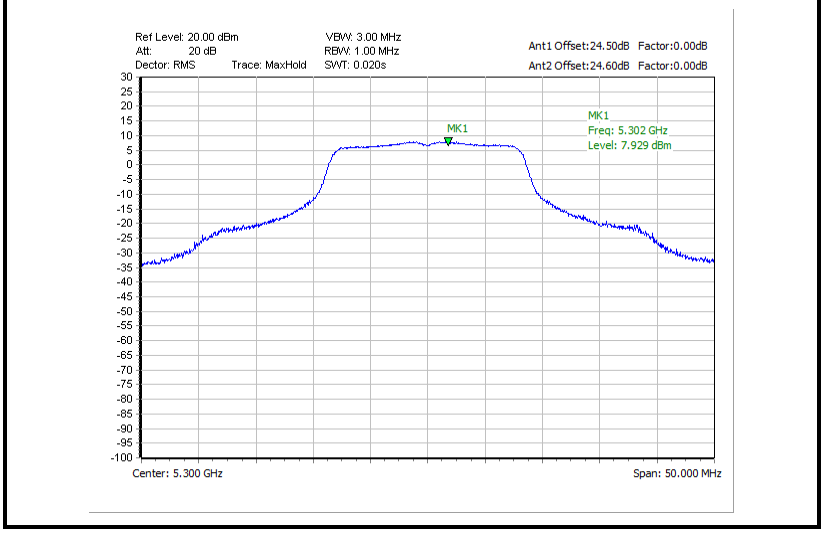
3.3.4 Test Setup

3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

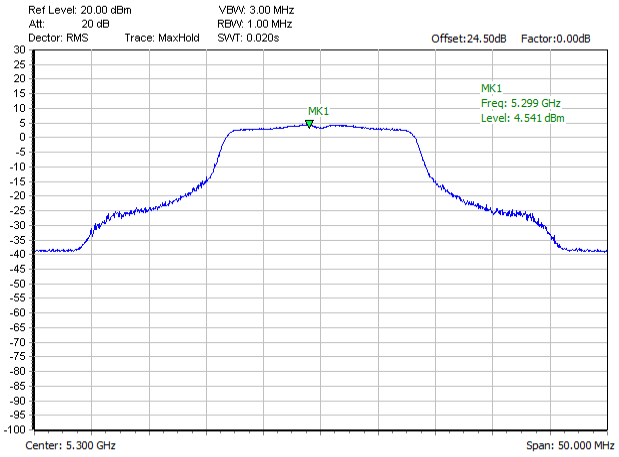
<802.11a>

Maximum Power Density Plot (dBm/MHz)

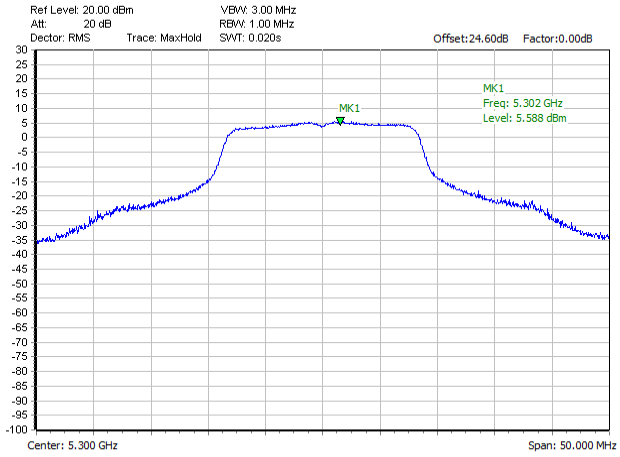


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

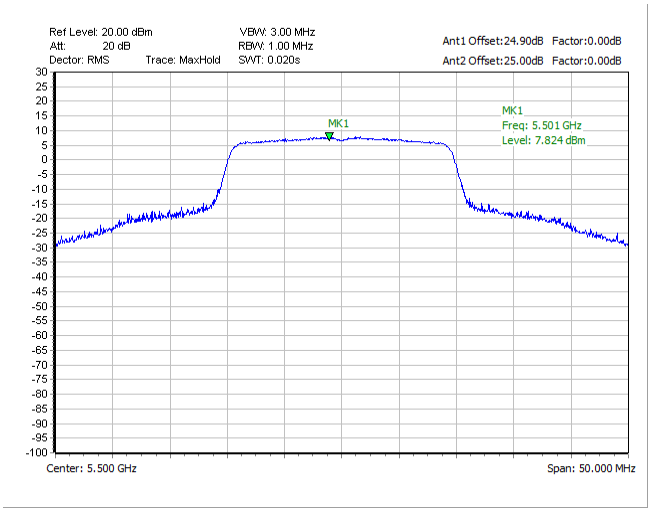
Maximum Power Density Plot Trace 1 (Ant 0)



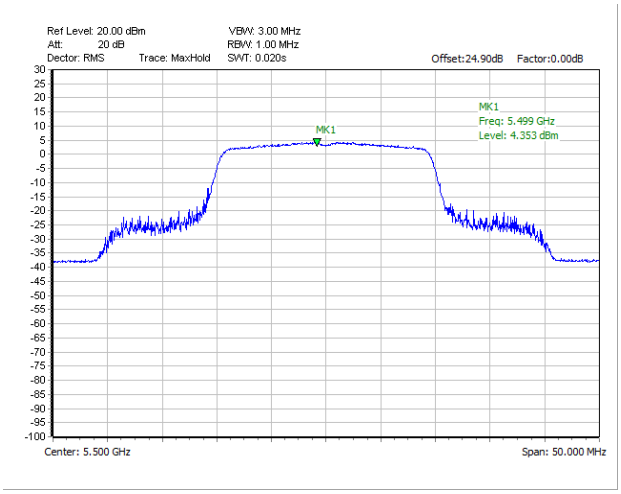
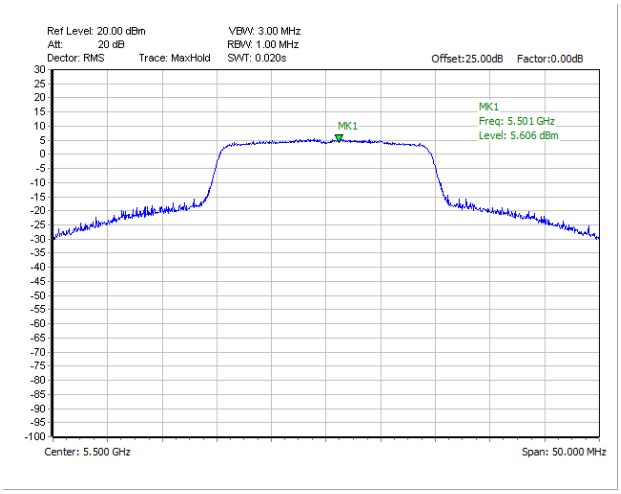
Maximum Power Density Plot Trace 2 (Ant 1)



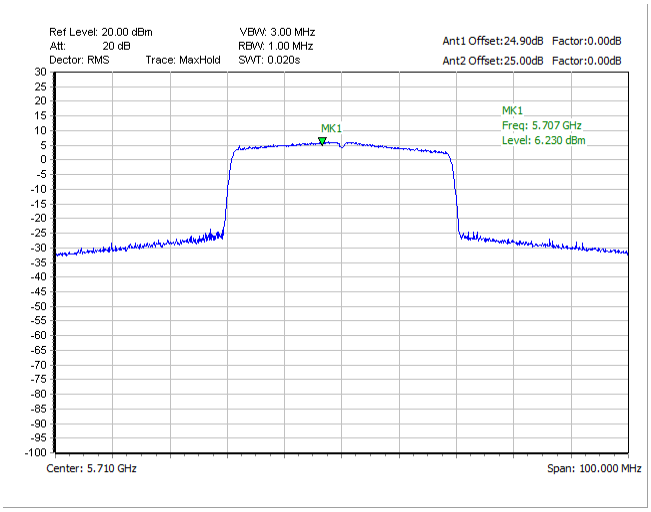
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


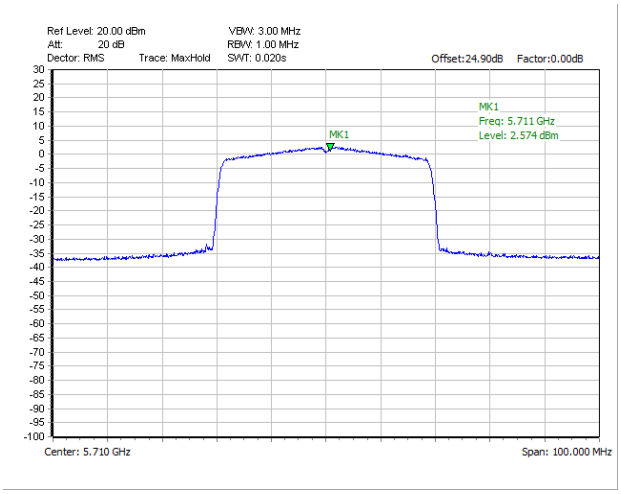
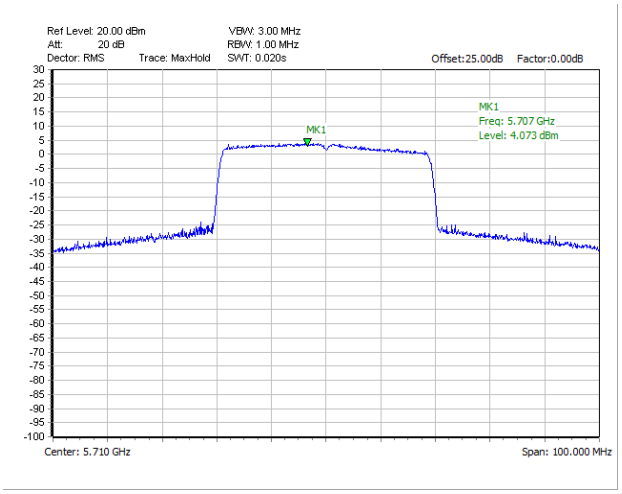
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

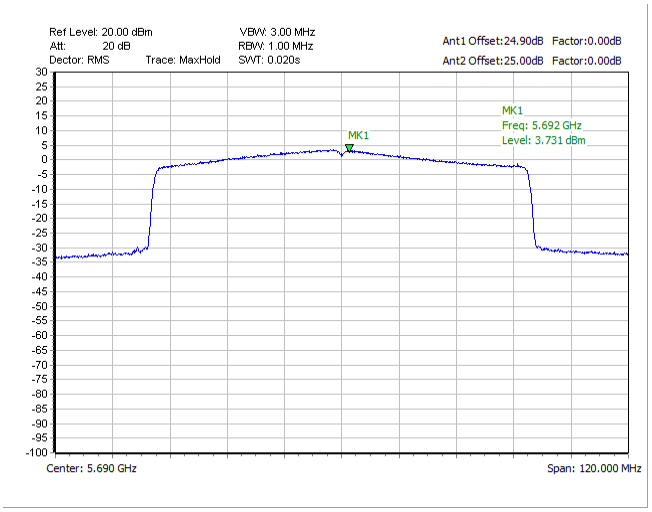
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)


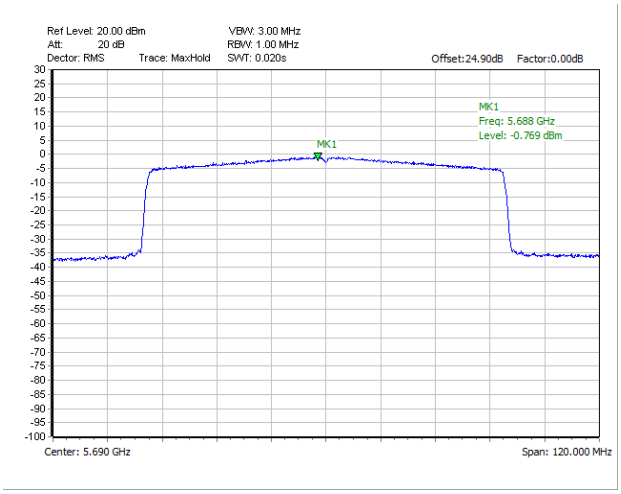
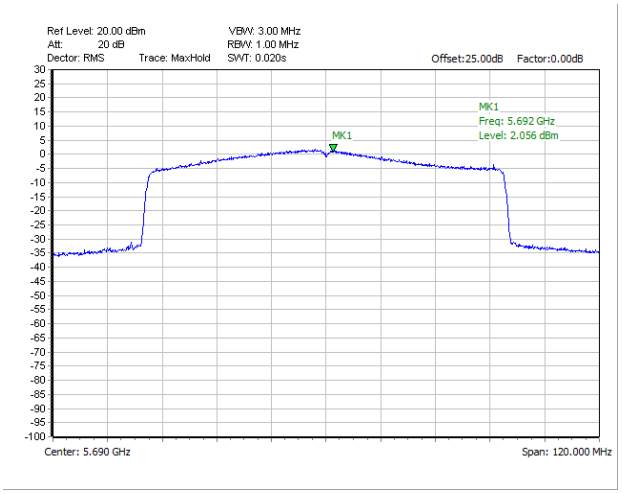
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

<802.11ax HE80>

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

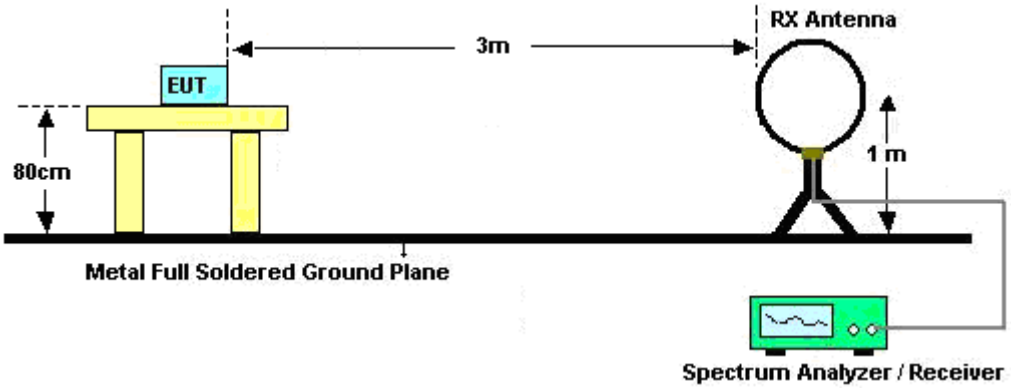
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

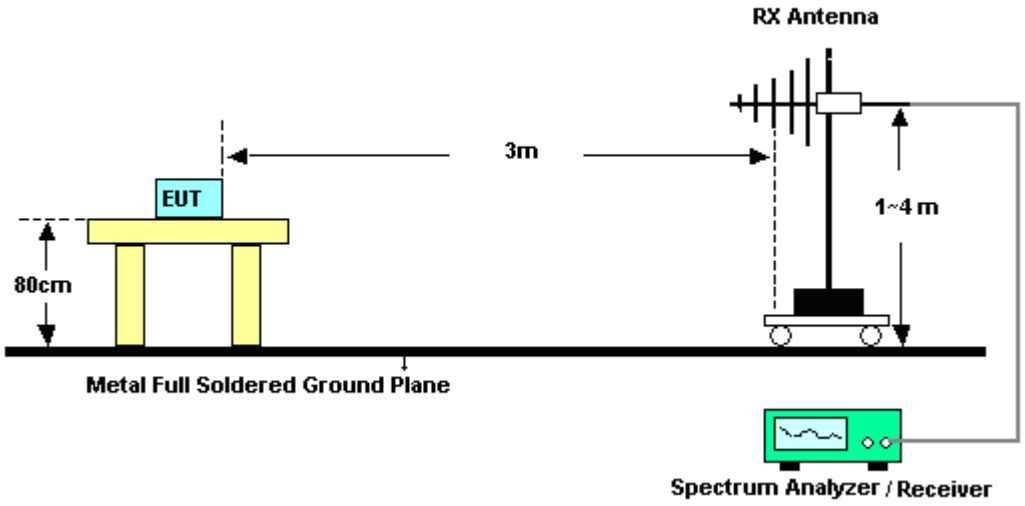
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

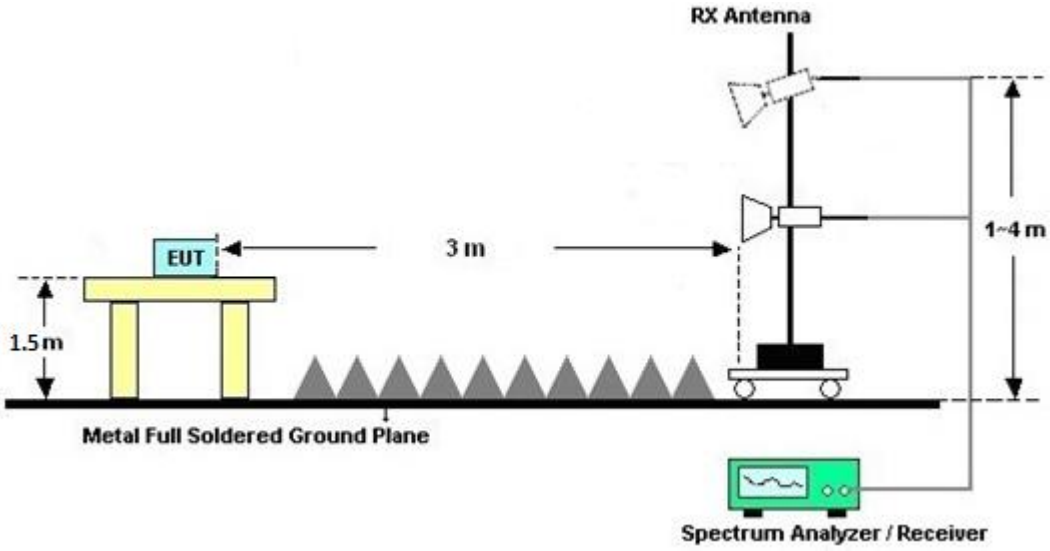
For radiated emissions below 30MHz



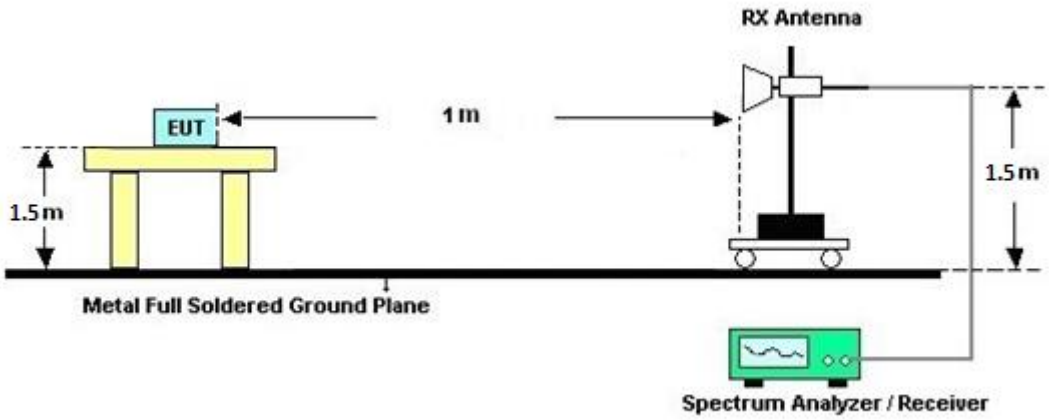
For radiated emissions from 30MHz to 1GHz



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.

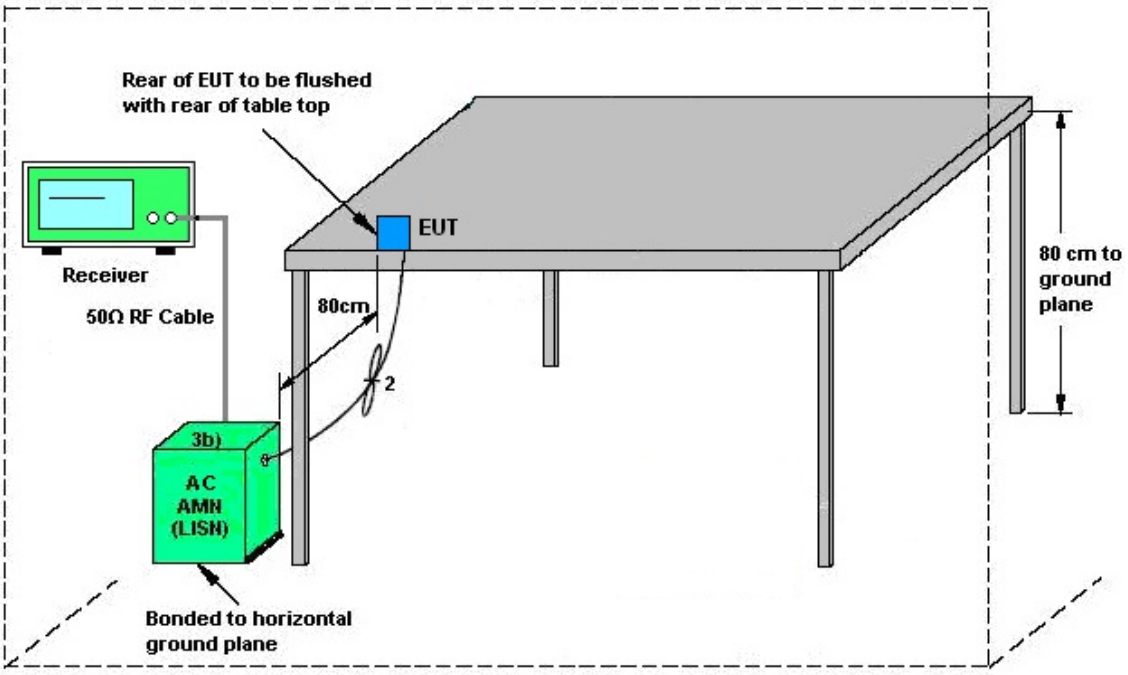
3.5.2 Measuring Instruments

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 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

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

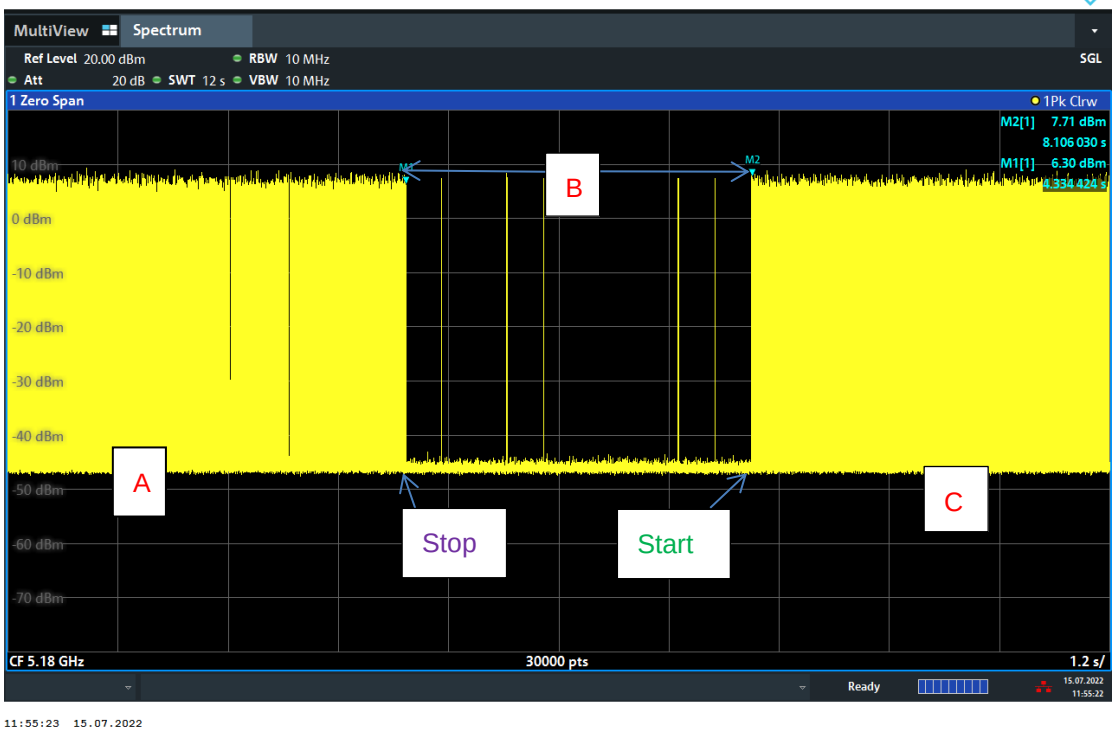
B. Information stop: stop supplying information to the access point.

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

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

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

5180MHz



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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For power measurements on IEEE 802.11 devices,

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

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 follows F)2)f)ii) of KDB 662911 D01 v02r01.

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

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.

For example: If a device has two antenna, G_{ANT1}= 3.6dBi; G_{ANT2}=4.2dBi

Directional gain of power measurement = max(3.6, 4.2) + 0 = 4.2 dBi

Directional gain of PSD measurement = $10 * \log[(10^{3.6/20} + 10^{4.2/20})^2 / 2]$ = 6.92 dBi

The directional gain of EUT is listed in the following table.

<CDD Modes>						
	Ant. 0 (dBi)	Ant. 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	4.69	5.75	5.75	8.25	0.00	2.25
Band II	4.72	5.14	5.14	7.94	0.00	1.94
Band III	5.45	5.58	5.58	8.53	0.00	2.53

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

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

Calculation example:
The DG for PSD is derived from formula is
10 x log { { [10^ (4.69 dBi / 20) + 10^ (5.75 dBi / 20)] ^ 2 } / 2 }
= 8.25 dBi

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receicver	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 12, 2021	Jun. 08, 2022~ Jun. 17, 2022	Jul. 11, 2022	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 03, 2022	Jun. 08, 2022~ Jun. 17, 2022	Jan. 02 , 2023	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 15, 2021	Jun. 08, 2022~ Jun. 17, 2022	Nov. 14, 2022	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Jun. 08, 2022~ Jun. 17, 2022	Dec. 23, 2022	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Jun. 08, 2022~ Jun. 17, 2022	Jan. 06, 2023	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802 N1D01N-06	55606 & 08	30MHz~1GHz	Oct. 17, 2021	Jun. 08, 2022~ Jun. 17, 2022	Oct. 16, 2022	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2021	Jun. 08, 2022~ Jun. 17, 2022	Jun. 22, 2022	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 30, 2021	Jun. 08, 2022~ Jun. 17, 2022	Nov. 29, 2022	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303B	TP200879	N/A	Sep. 30, 2021	Jun. 08, 2022~ Jun. 17, 2022	Sep. 29, 2022	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 19, 2022	Jun. 08, 2022~ Jun. 17, 2022	Jan. 18, 2023	Radiation (03CH20-HY)
Software	Audix	E3 6.2009-8-24	RK-002156	N/A	N/A	Jun. 08, 2022~ Jun. 17, 2022	N/A	Radiation (03CH20-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Jun. 08, 2022~ Jun. 17, 2022	N/A	Radiation (03CH20-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jun. 08, 2022~ Jun. 17, 2022	N/A	Radiation (03CH20-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jun. 08, 2022~ Jun. 17, 2022	N/A	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 16, 2021	Jun. 08, 2022~ Jun. 20, 2022	Nov. 15, 2022	Conducted (TH05-HY)
Power Meter	DARE	RPR3006W	16I00054SNO12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Jun. 08, 2022~ Jun. 20, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Jun. 08, 2022~ Jun. 20, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUMENT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Jun. 08, 2022~ Jun. 20, 2022	Aug. 11, 2022	Conducted (TH05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 17, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Jun. 17, 2022	Nov. 30, 2022	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2021	Jun. 17, 2022	Nov. 16, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Jun. 17, 2022	Dec. 02, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2021	Jun. 17, 2022	Nov. 15, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jun. 17, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Jun. 17, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Jun. 17, 2022	Dec. 29, 2022	Conduction (CO05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Feb. 17, 2022	Jul. 15, 2022	Feb. 16, 2023	Conducted (DF02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.1 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.9 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.7 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Junyu Jhou	Temperature:	21~25	°C
Test Date:	2022/6/8~2022/6/20	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	17.48	17.03	27.15	25.90	-		22.31			
11a	6Mbps	2	44	5220	17.48	17.18	28.05	27.85	-		22.35			
11a	6Mbps	2	48	5240	17.63	17.08	26.50	25.50	-		22.32			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	14.90	15.00	17.96	24.00		5.75			Pass
11a	6Mbps	2	44	5220	14.60	15.20	17.92	24.00		5.75			Pass
11a	6Mbps	2	48	5240	14.60	15.00	17.81	24.00		5.75			Pass
HT20	MCS0	2	36	5180	15.00	15.10	18.06	24.00		5.75			Pass
HT20	MCS0	2	44	5220	15.10	15.60	18.37	24.00		5.75			Pass
HT20	MCS0	2	48	5240	15.00	14.90	17.96	24.00		5.75			Pass
HT40	MCS0	2	38	5190	14.40	15.20	17.83	24.00		5.75			Pass
HT40	MCS0	2	46	5230	14.50	15.30	17.93	24.00		5.75			Pass
VHT20	MCS0	2	36	5180	15.00	15.10	18.06	24.00		5.75			Pass
VHT20	MCS0	2	44	5220	15.10	15.60	18.37	24.00		5.75			Pass
VHT20	MCS0	2	48	5240	15.00	14.90	17.96	24.00		5.75			Pass
VHT40	MCS0	2	38	5190	14.40	15.20	17.83	24.00		5.75			Pass
VHT40	MCS0	2	46	5230	14.50	15.30	17.93	24.00		5.75			Pass
VHT80	MCS0	2	42	5210	11.20	11.90	14.57	24.00		5.75			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180			7.83	8.75		8.25			Pass
11a	6Mbps	2	44	5220			7.36	8.75		8.25			Pass
11a	6Mbps	2	48	5240			7.68	8.75		8.25			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	17.43	17.03	26.10	25.10	23.31		29.31		23.98		
11a	6Mbps	2	60	5300	18.23	17.18	33.75	27.05	23.35		29.35		23.98		
11a	6Mbps	2	64	5320	17.48	17.13	27.35	27.40	23.34		29.34		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	14.70	14.70	17.71	23.98		5.14		26.99	Pass
11a	6Mbps	2	60	5300	14.80	15.40	18.12	23.98		5.14		26.99	Pass
11a	6Mbps	2	64	5320	14.90	15.00	17.96	23.98		5.14		26.99	Pass
HT20	MCS0	2	52	5260	15.30	15.20	18.26	23.98		5.14		26.99	Pass
HT20	MCS0	2	60	5300	15.00	15.70	18.37	23.98		5.14		26.99	Pass
HT20	MCS0	2	64	5320	14.90	15.30	18.11	23.98		5.14		26.99	Pass
HT40	MCS0	2	54	5270	15.00	15.80	18.43	23.98		5.14		26.99	Pass
HT40	MCS0	2	62	5310	11.60	13.00	15.37	23.98		5.14		26.99	Pass
VHT20	MCS0	2	52	5260	15.30	15.20	18.26	23.98		5.14		26.99	Pass
VHT20	MCS0	2	60	5300	15.00	15.70	18.37	23.98		5.14		26.99	Pass
VHT20	MCS0	2	64	5320	14.90	15.30	18.11	23.98		5.14		26.99	Pass
VHT40	MCS0	2	54	5270	15.00	15.80	18.43	23.98		5.14		26.99	Pass
VHT40	MCS0	2	62	5310	11.60	13.00	15.37	23.98		5.14		26.99	Pass
VHT80	MCS0	2	58	5290	10.20	10.50	13.36	23.98		5.14		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260			7.40	9.06		7.94			Pass
11a	6Mbps	2	60	5300			7.93	9.06		7.94			Pass
11a	6Mbps	2	64	5320			7.73	9.06		7.94			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	17.73	17.13	26.20	26.50	23.34		29.34		23.98		----	----
11a	6Mbps	2	116	5580	17.93	17.08	30.15	25.45	23.32		29.32		23.98		----	----
11a	6Mbps	2	140	5700	17.48	17.18	26.50	27.05	23.35		29.35		23.98		----	----

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 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	14.39	13.54	20.75	17.40	22.32		28.32		23.41		1.65	3.2

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	14.80	15.50	18.17	23.98		5.58		26.99	Pass
11a	6Mbps	2	116	5580	14.90	15.30	18.11	23.98		5.58		26.99	Pass
11a	6Mbps	2	140	5700	14.70	15.90	18.35	23.98		5.58		26.99	Pass
HT20	MCS0	2	100	5500	15.30	16.00	18.67	23.98		5.58		26.99	Pass
HT20	MCS0	2	116	5580	15.40	16.00	18.72	23.98		5.58		26.99	Pass
HT20	MCS0	2	140	5700	14.30	15.90	18.18	23.98		5.58		26.99	Pass
HT40	MCS0	2	102	5510	15.20	16.20	18.74	23.98		5.58		26.99	Pass
HT40	MCS0	2	110	5550	15.60	16.10	18.87	23.98		5.58		26.99	Pass
HT40	MCS0	2	134	5670	14.90	16.50	18.78	23.98		5.58		26.99	Pass
VHT20	MCS0	2	100	5500	15.30	16.00	18.67	23.98		5.58		26.99	Pass
VHT20	MCS0	2	116	5580	15.40	16.00	18.72	23.98		5.58		26.99	Pass
VHT20	MCS0	2	140	5700	14.30	15.90	18.18	23.98		5.58		26.99	Pass
VHT40	MCS0	2	102	5510	15.20	16.20	18.74	23.98		5.58		26.99	Pass
VHT40	MCS0	2	110	5550	15.60	16.10	18.87	23.98		5.58		26.99	Pass
VHT40	MCS0	2	134	5670	14.90	16.50	18.78	23.98		5.58		26.99	Pass
VHT80	MCS0	2	106	5530	13.70	14.80	17.30	23.98		5.58		26.99	Pass
VHT80	MCS0	2	122	5610	15.40	16.10	18.77	23.98		5.58		26.99	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	14.00	15.80	18.00	23.41		5.58		26.99	Pass
HT20	MCS0	2	144	5720	14.60	16.30	18.54	23.98		5.58		26.99	Pass
HT40	MCS0	2	142	5710	15.60	17.40	19.60	23.98		5.58		26.99	Pass
VHT20	MCS0	2	144	5720	14.60	16.30	18.54	23.98		5.58		26.99	Pass
VHT40	MCS0	2	142	5710	15.60	17.40	19.60	23.98		5.58		26.99	Pass
VHT80	MCS0	2	138	5690	15.30	16.50	18.95	23.98		5.58		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500			7.88	8.47		8.53			Pass
11a	6Mbps	2	116	5580			7.75	8.47		8.53			Pass
11a	6Mbps	2	140	5700			7.75	8.47		8.53			Pass

U-NII-2C straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720			7.91	8.47		8.53			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	19.08	19.13	23.35	26.00	-		22.81			
HE20	MCS0	2	44	5220	Full	19.13	19.08	30.05	23.25	-		22.81			
HE20	MCS0	2	48	5240	Full	19.03	19.13	28.69	24.60	-		22.79			
HE40	MCS0	2	38	5190	Full	37.36	37.56	39.33	39.33	-		23.01			
HE40	MCS0	2	46	5230	Full	37.96	37.66	39.78	39.51	-		23.01			
HE80	MCS0	2	42	5210	Full	77.20	76.96	80.96	80.48	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	15.10	15.20	18.16	24.00		5.75			Pass
HE20	MCS0	2	36	5180	26/0	6.10	7.00	9.58	24.00		5.75			Pass
HE20	MCS0	2	36	5180	52/37	9.00	9.90	12.48	24.00		5.75			Pass
HE20	MCS0	2	36	5180	106/53	11.80	12.50	15.17	24.00		5.75			Pass
HE20	MCS0	2	44	5220	Full	15.20	15.70	18.47	24.00		5.75			Pass
HE20	MCS0	2	44	5220	26/4	6.70	7.40	10.07	24.00		5.75			Pass
HE20	MCS0	2	44	5220	52/39	8.90	9.50	12.22	24.00		5.75			Pass
HE20	MCS0	2	44	5220	106/54	12.50	12.30	15.41	24.00		5.75			Pass
HE20	MCS0	2	48	5240	Full	15.10	15.00	18.06	24.00		5.75			Pass
HE20	MCS0	2	48	5240	26/8	4.80	6.30	8.62	24.00		5.75			Pass
HE20	MCS0	2	48	5240	52/40	8.30	9.90	12.18	24.00		5.75			Pass
HE20	MCS0	2	48	5240	106/54	11.30	12.80	15.12	24.00		5.75			Pass
HE40	MCS0	2	38	5190	Full	14.50	15.30	17.93	24.00		5.75			Pass
HE40	MCS0	2	38	5190	242/61	11.40	12.30	14.88	24.00		5.75			Pass
HE40	MCS0	2	46	5230	Full	14.60	15.40	18.03	24.00		5.75			Pass
HE40	MCS0	2	46	5230	242/62	12.20	12.90	15.57	24.00		5.75			Pass
HE80	MCS0	2	42	5210	Full	11.30	12.00	14.67	24.00		5.75			Pass
HE80	MCS0	2	42	5210	484/65	9.50	10.50	13.04	24.00		5.75			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	36	5180	Full			7.37	8.75		8.25		Pass
HE20	MCS0	2	36	5180	26/0			7.10	8.75		8.25		Pass
HE20	MCS0	2	36	5180	52/37			7.12	8.75		8.25		Pass
HE20	MCS0	2	36	5180	106/53			6.95	8.75		8.25		Pass
HE20	MCS0	2	44	5220	Full			7.70	8.75		8.25		Pass
HE20	MCS0	2	44	5220	26/4			7.29	8.75		8.25		Pass
HE20	MCS0	2	44	5220	52/39			7.35	8.75		8.25		Pass
HE20	MCS0	2	44	5220	106/54			7.54	8.75		8.25		Pass
HE20	MCS0	2	48	5240	Full			7.55	8.75		8.25		Pass
HE20	MCS0	2	48	5240	26/8			7.14	8.75		8.25		Pass
HE20	MCS0	2	48	5240	52/40			7.18	8.75		8.25		Pass
HE20	MCS0	2	48	5240	106/54			7.30	8.75		8.25		Pass
HE40	MCS0	2	38	5190	Full			5.32	8.75		8.25		Pass
HE40	MCS0	2	38	5190	242/61			3.49	8.75		8.25		Pass
HE40	MCS0	2	46	5230	Full			4.85	8.75		8.25		Pass
HE40	MCS0	2	46	5230	242/62			4.52	8.75		8.25		Pass
HE80	MCS0	2	42	5210	Full			-1.46	8.75		8.25		Pass
HE80	MCS0	2	42	5210	484/65			-1.50	8.75		8.25		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	52	5260	Full	19.03	19.03	23.40	22.84	23.79		29.79		23.98		
HE20	MCS0	2	60	5300	Full	19.23	19.18	24.45	27.00	23.83		29.83		23.98		
HE20	MCS0	2	64	5320	Full	19.08	19.08	22.45	25.35	23.81		29.81		23.98		
HE40	MCS0	2	54	5270	Full	37.36	37.56	39.51	39.33	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.66	37.66	39.42	39.51	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.32	76.60	81.12	80.64	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	15.40	15.30	18.36	23.98		5.14		26.99	Pass
HE20	MCS0	2	52	5260	26/0	6.10	6.70	9.42	23.98		5.14		26.99	Pass
HE20	MCS0	2	52	5260	52/37	9.00	9.80	12.43	23.98		5.14		26.99	Pass
HE20	MCS0	2	52	5260	106/53	12.70	12.60	15.66	23.98		5.14		26.99	Pass
HE20	MCS0	2	60	5300	Full	15.20	15.80	18.52	23.98		5.14		26.99	Pass
HE20	MCS0	2	60	5300	26/4	7.10	7.70	10.42	23.98		5.14		26.99	Pass
HE20	MCS0	2	60	5300	52/39	8.90	9.90	12.44	23.98		5.14		26.99	Pass
HE20	MCS0	2	60	5300	106/54	11.30	12.80	15.12	23.98		5.14		26.99	Pass
HE20	MCS0	2	64	5320	Full	15.00	15.40	18.21	23.98		5.14		26.99	Pass
HE20	MCS0	2	64	5320	26/8	6.10	6.50	9.31	23.98		5.14		26.99	Pass
HE20	MCS0	2	64	5320	52/40	9.10	9.50	12.31	23.98		5.14		26.99	Pass
HE20	MCS0	2	64	5320	106/54	12.00	12.50	15.27	23.98		5.14		26.99	Pass
HE40	MCS0	2	54	5270	Full	15.10	15.90	18.53	23.98		5.14		26.99	Pass
HE40	MCS0	2	54	5270	242/61	13.70	14.10	16.91	23.98		5.14		26.99	Pass
HE40	MCS0	2	62	5310	Full	11.70	13.10	15.47	23.98		5.14		26.99	Pass
HE40	MCS0	2	62	5310	242/62	10.40	12.00	14.28	23.98		5.14		26.99	Pass
HE80	MCS0	2	58	5290	Full	10.30	10.60	13.46	23.98		5.14		26.99	Pass
HE80	MCS0	2	58	5290	484/66	7.40	8.00	10.72	23.98		5.14		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full			7.78	9.06		7.94			Pass
HE20	MCS0	2	52	5260	26/0			7.35	9.06		7.94			Pass
HE20	MCS0	2	52	5260	52/37			7.41	9.06		7.94			Pass
HE20	MCS0	2	52	5260	106/53			7.61	9.06		7.94			Pass
HE20	MCS0	2	60	5300	Full			7.62	9.06		7.94			Pass
HE20	MCS0	2	60	5300	26/4			7.48	9.06		7.94			Pass
HE20	MCS0	2	60	5300	52/39			7.57	9.06		7.94			Pass
HE20	MCS0	2	60	5300	106/54			7.26	9.06		7.94			Pass
HE20	MCS0	2	64	5320	Full			7.46	9.06		7.94			Pass
HE20	MCS0	2	64	5320	26/8			7.16	9.06		7.94			Pass
HE20	MCS0	2	64	5320	52/40			7.32	9.06		7.94			Pass
HE20	MCS0	2	64	5320	106/54			7.27	9.06		7.94			Pass
HE40	MCS0	2	54	5270	Full			5.65	9.06		7.94			Pass
HE40	MCS0	2	54	5270	242/61			5.24	9.06		7.94			Pass
HE40	MCS0	2	62	5310	Full			2.74	9.06		7.94			Pass
HE40	MCS0	2	62	5310	242/62			2.69	9.06		7.94			Pass
HE80	MCS0	2	58	5290	Full			-2.83	9.06		7.94			Pass
HE80	MCS0	2	58	5290	484/66			-2.93	9.06		7.94			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	100	5500	Full	19.13	19.08	22.80	26.55	23.81		29.81		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.08	19.03	24.35	22.70	23.79		29.79		23.98		----	----
HE20	MCS0	2	140	5700	Full	19.08	19.08	24.15	25.80	23.81		29.81		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.96	37.66	39.69	39.51	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.66	37.56	39.51	39.51	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.96	37.56	39.69	39.60	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	76.84	76.84	80.48	80.64	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	76.12	76.72	80.32	80.80	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	144	5720	Full	14.69	14.54	20.00	16.35	22.63		28.63		23.14		2.15	4.35
HE40	MCS0	2	142	5710	Full	33.88	33.78	34.71	34.80	23.98		30.00		23.98		3.18	2.64
HE80	MCS0	2	138	5690	Full	73.12	73.36	75.16	75.16	23.98		30.00		23.98		0.2	2.76

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	15.40	16.10	18.77	23.98		5.58		26.99	Pass
HE20	MCS0	2	100	5500	26/0	6.20	7.00	9.63	23.98		5.58		26.99	Pass
HE20	MCS0	2	100	5500	52/37	9.10	10.00	12.58	23.98		5.58		26.99	Pass
HE20	MCS0	2	100	5500	106/53	12.10	12.90	15.53	23.98		5.58		26.99	Pass
HE20	MCS0	2	116	5580	Full	15.50	16.10	18.82	23.98		5.58		26.99	Pass
HE20	MCS0	2	116	5580	26/4	7.80	7.60	10.71	23.98		5.58		26.99	Pass
HE20	MCS0	2	116	5580	52/38	9.60	9.00	12.32	23.98		5.58		26.99	Pass
HE20	MCS0	2	116	5580	106/53	12.90	12.00	15.48	23.98		5.58		26.99	Pass
HE20	MCS0	2	140	5700	Full	14.40	16.00	18.28	23.98		5.58		26.99	Pass
HE20	MCS0	2	140	5700	26/8	6.40	5.80	9.12	23.98		5.58		26.99	Pass
HE20	MCS0	2	140	5700	52/40	9.30	8.80	12.07	23.98		5.58		26.99	Pass
HE20	MCS0	2	140	5700	106/54	11.80	11.80	14.81	23.98		5.58		26.99	Pass
HE40	MCS0	2	102	5510	Full	15.30	16.30	18.84	23.98		5.58		26.99	Pass
HE40	MCS0	2	102	5510	242/61	13.10	14.60	16.92	23.98		5.58		26.99	Pass
HE40	MCS0	2	110	5550	Full	15.70	16.20	18.97	23.98		5.58		26.99	Pass
HE40	MCS0	2	110	5550	242/61	13.90	14.60	17.27	23.98		5.58		26.99	Pass
HE40	MCS0	2	134	5670	Full	15.00	16.60	18.88	23.98		5.58		26.99	Pass
HE40	MCS0	2	134	5670	242/62	13.20	14.60	16.97	23.98		5.58		26.99	Pass
HE80	MCS0	2	106	5530	Full	13.80	14.90	17.40	23.98		5.58		26.99	Pass
HE80	MCS0	2	106	5530	484/65	12.30	13.10	15.73	23.98		5.58		26.99	Pass
HE80	MCS0	2	122	5610	Full	15.50	16.20	18.87	23.98		5.58		26.99	Pass
HE80	MCS0	2	122	5610	484/66	13.70	14.50	17.13	23.98		5.58		26.99	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	14.70	16.40	18.64	23.14		5.58		26.99	Pass
HE20	MCS0	2	144	5720	26/8	4.50	7.00	8.94	23.14		5.58		26.99	Pass
HE20	MCS0	2	144	5720	52/40	8.80	10.40	12.68	23.14		5.58		26.99	Pass
HE20	MCS0	2	144	5720	106/54	11.20	12.70	15.02	23.14		5.58		26.99	Pass
HE40	MCS0	2	142	5710	Full	15.70	17.50	19.70	23.98		5.58		26.99	Pass
HE40	MCS0	2	142	5710	242/62	13.20	15.10	17.26	23.98		5.58		26.99	Pass
HE80	MCS0	2	138	5690	Full	15.40	16.60	19.05	23.98		5.58		26.99	Pass
HE80	MCS0	2	138	5690	484/66	13.40	15.10	17.34	23.98		5.58		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full			7.82	8.47		8.53			Pass
HE20	MCS0	2	100	5500	26/0			7.47	8.47		8.53			Pass
HE20	MCS0	2	100	5500	52/37			7.48	8.47		8.53			Pass
HE20	MCS0	2	100	5500	106/53			7.74	8.47		8.53			Pass
HE20	MCS0	2	116	5580	Full			7.74	8.47		8.53			Pass
HE20	MCS0	2	116	5580	26/4			7.67	8.47		8.53			Pass
HE20	MCS0	2	116	5580	52/38			7.36	8.47		8.53			Pass
HE20	MCS0	2	116	5580	106/53			7.58	8.47		8.53			Pass
HE20	MCS0	2	140	5700	Full			7.20	8.47		8.53			Pass
HE20	MCS0	2	140	5700	26/8			6.85	8.47		8.53			Pass
HE20	MCS0	2	140	5700	52/40			6.99	8.47		8.53			Pass
HE20	MCS0	2	140	5700	106/54			6.79	8.47		8.53			Pass
HE40	MCS0	2	102	5510	Full			5.73	8.47		8.53			Pass
HE40	MCS0	2	102	5510	242/61			5.18	8.47		8.53			Pass
HE40	MCS0	2	110	5550	Full			5.88	8.47		8.53			Pass
HE40	MCS0	2	110	5550	242/61			5.54	8.47		8.53			Pass
HE40	MCS0	2	134	5670	Full			5.65	8.47		8.53			Pass
HE40	MCS0	2	134	5670	242/62			5.18	8.47		8.53			Pass
HE80	MCS0	2	106	5530	Full			2.04	8.47		8.53			Pass
HE80	MCS0	2	106	5530	484/65			1.90	8.47		8.53			Pass
HE80	MCS0	2	122	5610	Full			3.44	8.47		8.53			Pass
HE80	MCS0	2	122	5610	484/66			3.14	8.47		8.53			Pass

U-NII-2C straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full			7.54	8.47		8.53			Pass
HE20	MCS0	2	144	5720	26/8			7.05	8.47		8.53			Pass
HE20	MCS0	2	144	5720	52/40			7.49	8.47		8.53			Pass
HE20	MCS0	2	144	5720	106/54			7.08	8.47		8.53			Pass
HE40	MCS0	2	142	5710	Full			6.23	8.47		8.53			Pass
HE40	MCS0	2	142	5710	242/62			5.91	8.47		8.53			Pass
HE80	MCS0	2	138	5690	Full			3.73	8.47		8.53			Pass
HE80	MCS0	2	138	5690	484/66			3.59	8.47		8.53			Pass

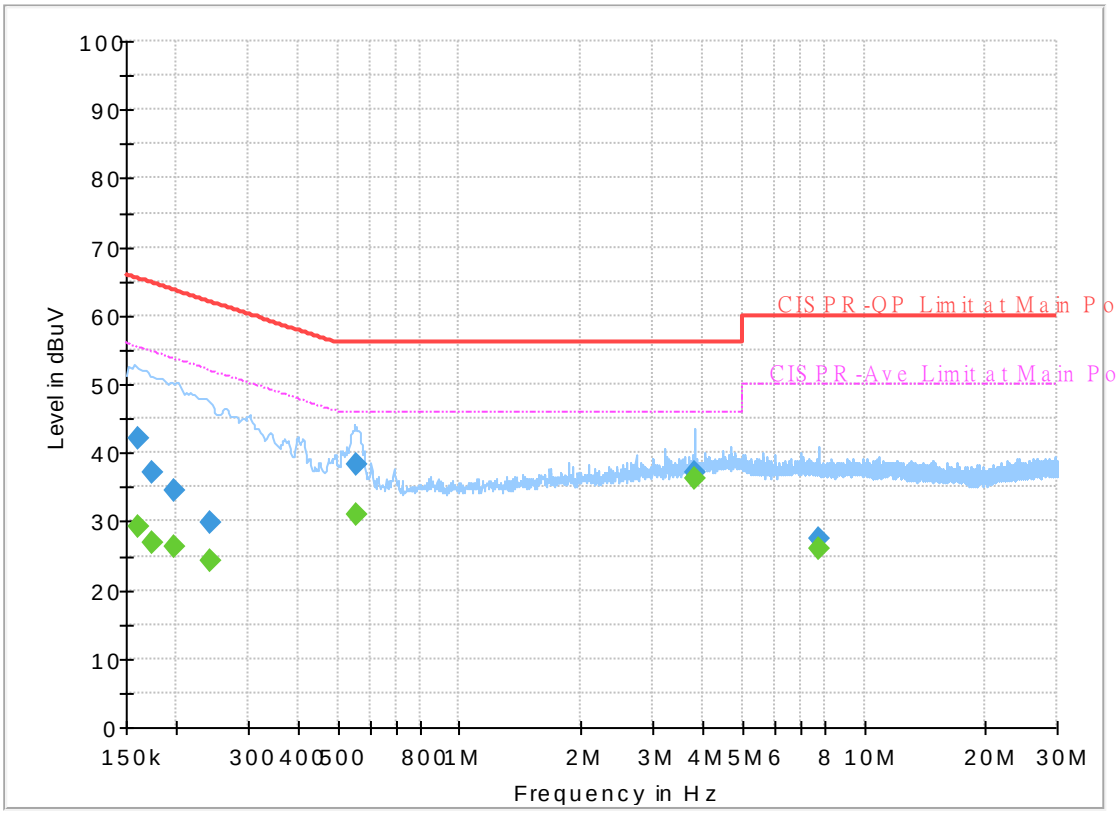
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	211819-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



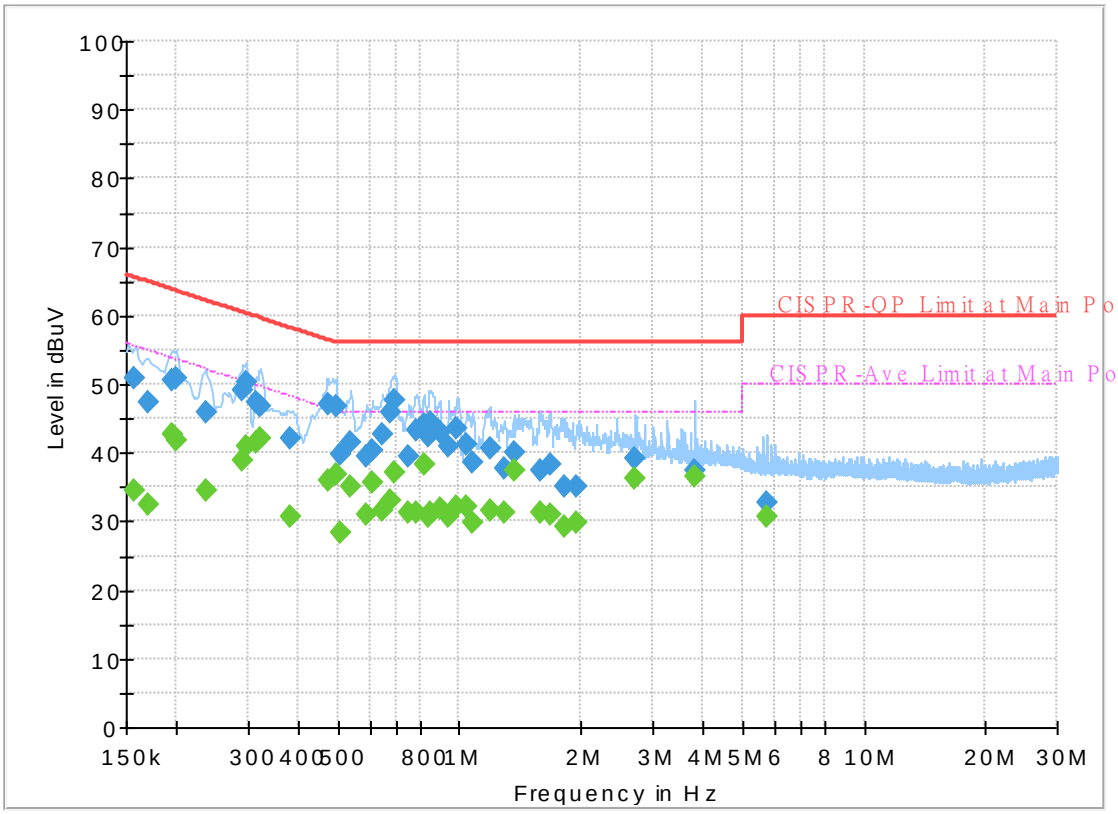
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	29.28	55.40	26.12	L1	OFF	19.6
0.161250	42.17	---	65.40	23.23	L1	OFF	19.6
0.174750	---	26.96	54.73	27.77	L1	OFF	19.6
0.174750	37.23	---	64.73	27.50	L1	OFF	19.6
0.197250	---	26.35	53.73	27.38	L1	OFF	19.6
0.197250	34.48	---	63.73	29.25	L1	OFF	19.6
0.242250	---	24.35	52.02	27.67	L1	OFF	19.6
0.242250	29.71	---	62.02	32.31	L1	OFF	19.6
0.555000	---	30.95	46.00	15.05	L1	OFF	19.6
0.555000	38.33	---	56.00	17.67	L1	OFF	19.6
3.813000	---	36.17	46.00	9.83	L1	OFF	19.8
3.813000	37.22	---	56.00	18.78	L1	OFF	19.8
7.721250	---	25.89	50.00	24.11	L1	OFF	20.0
7.721250	27.63	---	60.00	32.37	L1	OFF	20.0

EUT Information

Report NO :	211819-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	34.39	55.63	21.24	N	OFF	19.6
0.156750	50.79	---	65.63	14.84	N	OFF	19.6
0.170250	---	32.49	54.95	22.46	N	OFF	19.6
0.170250	47.33	---	64.95	17.62	N	OFF	19.6
0.195000	---	42.62	53.82	11.20	N	OFF	19.6
0.195000	50.57	---	63.82	13.25	N	OFF	19.6
0.199500	---	41.94	53.63	11.69	N	OFF	19.6
0.199500	50.78	---	63.63	12.85	N	OFF	19.6
0.237750	---	34.37	52.17	17.80	N	OFF	19.6
0.237750	46.04	---	62.17	16.13	N	OFF	19.6
0.291750	---	38.85	50.47	11.62	N	OFF	19.6
0.291750	49.20	---	60.47	11.27	N	OFF	19.6
0.296250	---	40.89	50.35	9.46	N	OFF	19.6
0.296250	50.36	---	60.35	9.99	N	OFF	19.6
0.314250	---	41.47	49.86	8.39	N	OFF	19.6
0.314250	47.22	---	59.86	12.64	N	OFF	19.6
0.323250	---	42.13	49.62	7.49	N	OFF	19.6
0.323250	46.83	---	59.62	12.79	N	OFF	19.6
0.381750	---	30.58	48.24	17.66	N	OFF	19.6
0.381750	42.05	---	58.24	16.19	N	OFF	19.6
0.471750	---	35.92	46.48	10.56	N	OFF	19.6

0.471750	46.99	---	56.48	9.49	N	OFF	19.6
0.494250	---	36.89	46.10	9.21	N	OFF	19.6
0.494250	46.75	---	56.10	9.35	N	OFF	19.6
0.507750	---	28.49	46.00	17.51	N	OFF	19.6
0.507750	39.87	---	56.00	16.13	N	OFF	19.6
0.537000	---	35.09	46.00	10.91	N	OFF	19.6
0.537000	41.51	---	56.00	14.49	N	OFF	19.6
0.586500	---	31.04	46.00	14.96	N	OFF	19.6
0.586500	39.56	---	56.00	16.44	N	OFF	19.6
0.609000	---	35.73	46.00	10.27	N	OFF	19.6
0.609000	40.24	---	56.00	15.76	N	OFF	19.6
0.645000	---	31.59	46.00	14.41	N	OFF	19.6
0.645000	42.82	---	56.00	13.18	N	OFF	19.6
0.678750	---	33.01	46.00	12.99	N	OFF	19.6
0.678750	45.93	---	56.00	10.07	N	OFF	19.6
0.692250	---	37.19	46.00	8.81	N	OFF	19.6
0.692250	47.63	---	56.00	8.37	N	OFF	19.6
0.750750	---	31.30	46.00	14.70	N	OFF	19.6
0.750750	39.60	---	56.00	16.40	N	OFF	19.6
0.782250	---	31.30	46.00	14.70	N	OFF	19.6
0.782250	43.17	---	56.00	12.83	N	OFF	19.6
0.816000	---	38.33	46.00	7.67	N	OFF	19.6
0.816000	44.13	---	56.00	11.87	N	OFF	19.6
0.840750	---	30.61	46.00	15.39	N	OFF	19.6
0.840750	42.32	---	56.00	13.68	N	OFF	19.6
0.852000	---	31.33	46.00	14.67	N	OFF	19.6
0.852000	44.41	---	56.00	11.59	N	OFF	19.6
0.894750	---	31.80	46.00	14.20	N	OFF	19.6
0.894750	43.13	---	56.00	12.87	N	OFF	19.6
0.939750	---	30.60	46.00	15.40	N	OFF	19.6
0.939750	41.02	---	56.00	14.98	N	OFF	19.6
0.987000	---	32.23	46.00	13.77	N	OFF	19.6
0.987000	43.57	---	56.00	12.43	N	OFF	19.6
1.043250	---	32.19	46.00	13.81	N	OFF	19.6
1.043250	41.12	---	56.00	14.88	N	OFF	19.6
1.081500	---	29.89	46.00	16.11	N	OFF	19.6
1.081500	38.62	---	56.00	17.38	N	OFF	19.6
1.187250	---	31.51	46.00	14.49	N	OFF	19.6
1.187250	40.64	---	56.00	15.36	N	OFF	19.6
1.288500	---	31.26	46.00	14.74	N	OFF	19.7
1.288500	37.58	---	56.00	18.42	N	OFF	19.7
1.362750	---	37.55	46.00	8.45	N	OFF	19.7
1.362750	40.06	---	56.00	15.94	N	OFF	19.7
1.578750	---	31.38	46.00	14.62	N	OFF	19.7
1.578750	37.30	---	56.00	18.70	N	OFF	19.7
1.677750	---	31.07	46.00	14.93	N	OFF	19.7
1.677750	38.42	---	56.00	17.58	N	OFF	19.7
1.821750	---	29.13	46.00	16.87	N	OFF	19.7
1.821750	35.21	---	56.00	20.79	N	OFF	19.7
1.954500	---	29.77	46.00	16.23	N	OFF	19.7
1.954500	35.17	---	56.00	20.83	N	OFF	19.7
2.724000	---	36.28	46.00	9.72	N	OFF	19.7
2.724000	39.24	---	56.00	16.76	N	OFF	19.7
3.813450	---	36.57	46.00	9.43	N	OFF	19.8
3.813450	37.53	---	56.00	18.47	N	OFF	19.8
5.741250	---	30.83	50.00	19.17	N	OFF	19.9
5.741250	32.65	---	60.00	27.35	N	OFF	19.9

Appendix C. Radiated Spurious Emission

Test Engineer :	Nick Yu and Bill Chang	Temperature :	19~21°C
		Relative Humidity :	61~65%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.24	55.1	-18.9	74	46.99	33.1	12.75	37.74	243	60	P	H
		5149.76	47.57	-6.43	54	39.46	33.1	12.75	37.74	243	60	A	H
	*	5180	112.95	-	-	104.85	33.04	12.81	37.75	243	60	P	H
	*	5180	105.15	-	-	97.05	33.04	12.81	37.75	243	60	A	H
		5149.5	52.81	-21.19	74	44.7	33.1	12.75	37.74	338	357	P	V
		5150	45.29	-8.71	54	37.17	33.1	12.76	37.74	338	357	A	V
	*	5180	110.96	-	-	102.86	33.04	12.81	37.75	338	357	P	V
	*	5180	104.25	-	-	96.15	33.04	12.81	37.75	338	357	A	V
802.11a CH 44 5220MHz		5123.76	51.74	-22.26	74	43.66	33.1	12.71	37.73	260	306	P	H
		5149.5	44.61	-9.39	54	36.5	33.1	12.75	37.74	260	306	A	H
	*	5220	112.95	-	-	104.91	32.92	12.89	37.77	260	306	P	H
	*	5220	105.58	-	-	97.54	32.92	12.89	37.77	260	306	A	H
		5362.8	50.49	-23.51	74	42.38	32.75	13.18	37.82	260	306	P	H
		5350.8	42.2	-11.8	54	34.16	32.7	13.16	37.82	260	306	A	H
		5117.78	51.95	-22.05	74	43.89	33.1	12.69	37.73	327	1	P	V
		5150	43.03	-10.97	54	34.91	33.1	12.76	37.74	327	1	A	V
	*	5220	110.9	-	-	102.86	32.92	12.89	37.77	327	1	P	V
	*	5220	103.83	-	-	95.79	32.92	12.89	37.77	327	1	A	V
		5367.6	47.3	-26.7	74	39.16	32.77	13.19	37.82	327	1	P	V
		5355.36	38.65	-15.35	54	30.58	32.72	13.17	37.82	327	1	A	V

802.11a CH 48 5240MHz		5147.94	52.57	-21.43	74	44.46	33.1	12.75	37.74	258	307	P	H
		5150	43.27	-10.73	54	35.15	33.1	12.76	37.74	258	307	A	H
	*	5240	113.79	-	-	105.8	32.84	12.93	37.78	258	307	P	H
	*	5240	106.07	-	-	98.08	32.84	12.93	37.78	258	307	A	H
		5372.64	52	-22	74	43.83	32.79	13.2	37.82	258	307	P	H
		5352	42.72	-11.28	54	34.67	32.71	13.16	37.82	258	307	A	H
		5139.88	50.99	-23.01	74	42.89	33.1	12.74	37.74	344	2	P	V
		5149.24	41.94	-12.06	54	33.83	33.1	12.75	37.74	344	2	A	V
	*	5240	110.89	-	-	102.9	32.84	12.93	37.78	344	2	P	V
	*	5240	104.09	-	-	96.1	32.84	12.93	37.78	344	2	A	V
		5380.56	47.61	-26.39	74	39.4	32.82	13.22	37.83	344	2	P	V
		5354.4	38.89	-15.11	54	30.82	32.72	13.17	37.82	344	2	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	60.47	-7.73	68.2	44.57	38.6	18.91	41.61	200	301	P	H
		12676	51.58	-22.42	74	34.39	39.45	20.97	43.23	-	-	P	H
		12676	40.88	-13.12	54	23.69	39.45	20.97	43.23	-	-	A	H
		14480	52.31	-21.69	74	34.23	39.88	22.39	44.19	-	-	P	H
		14480	42.38	-11.62	54	24.3	39.88	22.39	44.19	-	-	A	H
		15540	50.79	-23.21	74	34.49	37.98	23.1	44.78	250	164	P	H
		15540	42.42	-11.58	54	26.12	37.98	23.1	44.78	250	164	A	H
		17989	54.82	-19.18	74	33.89	41.72	24.67	45.46	-	-	P	H
		17989	45.48	-8.52	54	24.55	41.72	24.67	45.46	-	-	A	H
		10360	60.43	-7.77	68.2	44.53	38.6	18.91	41.61	304	303	P	V
		12577	51.86	-22.14	74	34.98	39.28	20.87	43.27	-	-	P	V
		12577	41.01	-12.99	54	24.13	39.28	20.87	43.27	-	-	A	V
		14491	52.36	-21.64	74	34.26	39.89	22.4	44.19	-	-	P	V
		14491	42.29	-11.71	54	24.19	39.89	22.4	44.19	-	-	A	V
		15540	50.88	-23.12	74	34.58	37.98	23.1	44.78	150	3	P	V
		15540	42.62	-11.38	54	26.32	37.98	23.1	44.78	150	3	A	V
		17956	54.93	-19.07	74	34.23	41.49	24.65	45.44	-	-	P	V
		17956	45.79	-8.21	54	25.09	41.49	24.65	45.44	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	55.24	-12.96	68.2	39.38	38.56	18.99	41.69	200	322	P	H
		12456	51.75	-22.25	74	35.16	39.11	20.76	43.28	-	-	P	H
		12456	40.9	-13.1	54	24.31	39.11	20.76	43.28	-	-	A	H
		14491	53.23	-20.77	74	35.13	39.89	22.4	44.19	-	-	P	H
		14491	43.19	-10.81	54	25.09	39.89	22.4	44.19	-	-	A	H
		15660	50.39	-23.61	74	34.14	37.74	23.18	44.67	250	155	P	H
		15660	42.8	-11.2	54	26.55	37.74	23.18	44.67	250	155	A	H
		17956	55.13	-18.87	74	34.43	41.49	24.65	45.44	-	-	P	H
		17956	45.82	-8.18	54	25.12	41.49	24.65	45.44	-	-	A	H
		10443	58.14	-10.06	68.2	42.28	38.56	18.99	41.69	300	314	P	V
		10817	52.02	-21.98	74	35.29	39.05	19.37	41.69	-	-	P	V
		10817	40.95	-13.05	54	24.22	39.05	19.37	41.69	-	-	A	V
		14491	52.39	-21.61	74	34.29	39.89	22.4	44.19	-	-	P	V
		14491	42.65	-11.35	54	24.55	39.89	22.4	44.19	-	-	A	V
		15660	51.78	-22.22	74	35.53	37.74	23.18	44.67	150	11	P	V
		15660	42.72	-11.28	54	26.47	37.74	23.18	44.67	150	11	A	V
		17956	55.84	-18.16	74	35.14	41.49	24.65	45.44	-	-	P	V
		17956	46.82	-7.18	54	26.12	41.49	24.65	45.44	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	55.83	-12.37	68.2	40	38.52	19.03	41.72	300	295	P	H
		11510	52.38	-21.62	74	36.23	38.88	19.94	42.67	-	-	P	H
		11510	41.58	-12.42	54	25.43	38.88	19.94	42.67	-	-	A	H
		14491	51.93	-22.07	74	33.83	39.89	22.4	44.19	-	-	P	H
		14491	42.88	-11.12	54	24.78	39.89	22.4	44.19	-	-	A	H
		15720	49.31	-24.69	74	33.06	37.64	23.22	44.61	250	161	P	H
		15720	42.35	-11.65	54	26.1	37.64	23.22	44.61	250	161	A	H
		17967	54.85	-19.15	74	34.07	41.57	24.66	45.45	-	-	P	H
		17967	46.04	-7.96	54	25.26	41.57	24.66	45.45	-	-	A	H
		10480	55.87	-12.33	68.2	40.04	38.52	19.03	41.72	200	311	P	V
		10751	52.2	-21.8	74	35.59	39	19.31	41.7	-	-	P	V
		10751	40.87	-13.13	54	24.26	39	19.31	41.7	-	-	A	V
		14491	52.42	-21.58	74	34.32	39.89	22.4	44.19	-	-	P	V
		14491	42.46	-11.54	54	24.36	39.89	22.4	44.19	-	-	A	V
		15720	51.25	-22.75	74	35	37.64	23.22	44.61	150	7	P	V
		15720	42.76	-11.24	54	26.51	37.64	23.22	44.61	150	7	A	V
		17989	54.45	-19.55	74	33.52	41.72	24.67	45.46	-	-	P	V
		17989	45.45	-8.55	54	24.52	41.72	24.67	45.46	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	57.32	-16.68	74	49.21	33.1	12.75	37.74	251	52	P	H
		5150	48.18	-5.82	54	40.06	33.1	12.76	37.74	251	52	A	H
802.11ax	*	5180	111.81	-	-	103.71	33.04	12.81	37.75	251	52	P	H
HE20 Full	*	5180	103.38	-	-	95.28	33.04	12.81	37.75	251	52	A	H
CH 36		5143.52	54.63	-19.37	74	46.53	33.1	12.74	37.74	319	359	P	V
5180MHz		5149.76	46.75	-7.25	54	38.64	33.1	12.75	37.74	319	359	A	V
	*	5180	111.13	-	-	103.03	33.04	12.81	37.75	319	359	P	V
	*	5180	102.84	-	-	94.74	33.04	12.81	37.75	319	359	A	V
		5145.6	53.04	-20.96	74	44.93	33.1	12.75	37.74	255	306	P	H
		5150	44.78	-9.22	54	36.66	33.1	12.76	37.74	255	306	A	H
	*	5220	113.7	-	-	105.66	32.92	12.89	37.77	255	306	P	H
	*	5220	104.59	-	-	96.55	32.92	12.89	37.77	255	306	A	H
802.11ax		5351.76	51.85	-22.15	74	43.8	32.71	13.16	37.82	255	306	P	H
HE20 Full		5358	42.17	-11.83	54	34.09	32.73	13.17	37.82	255	306	A	H
CH 44		5139.62	52.29	-21.71	74	44.19	33.1	12.74	37.74	329	1	P	V
5220MHz		5150	43.05	-10.95	54	34.93	33.1	12.76	37.74	329	1	A	V
	*	5220	110.89	-	-	102.85	32.92	12.89	37.77	329	1	P	V
	*	5220	101.81	-	-	93.77	32.92	12.89	37.77	329	1	A	V
		5370.24	48.22	-25.78	74	40.06	32.78	13.2	37.82	329	1	P	V
		5359.2	38.66	-15.34	54	30.56	32.74	13.18	37.82	329	1	A	V

		5136.24	54	-20	74	45.91	33.1	12.73	37.74	256	306	P	H
		5148.46	43.33	-10.67	54	35.22	33.1	12.75	37.74	256	306	A	H
	*	5240	114.18	-	-	106.19	32.84	12.93	37.78	256	306	P	H
	*	5240	104.68	-	-	96.69	32.84	12.93	37.78	256	306	A	H
802.11ax		5361.36	52.31	-21.69	74	44.2	32.75	13.18	37.82	256	306	P	H
HE20 Full		5356.32	43.18	-10.82	54	35.1	32.73	13.17	37.82	256	306	A	H
CH 48		5141.7	53.06	-20.94	74	44.96	33.1	12.74	37.74	329	1	P	V
5240MHz		5149.5	42.32	-11.68	54	34.21	33.1	12.75	37.74	329	1	A	V
	*	5240	111.11	-	-	103.12	32.84	12.93	37.78	329	1	P	V
	*	5240	101.94	-	-	93.95	32.84	12.93	37.78	329	1	A	V
		5352.48	48.36	-25.64	74	40.31	32.71	13.16	37.82	329	1	P	V
		5351.28	39.32	-14.68	54	31.27	32.71	13.16	37.82	329	1	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		10360	59.89	-8.31	68.2	43.99	38.6	18.91	41.61	200	302	P	H
		13303	52.52	-21.48	74	34.35	39.81	21.51	43.15	-	-	P	H
		13303	42.27	-11.73	54	24.1	39.81	21.51	43.15	-	-	A	H
		14499	52.63	-21.37	74	34.52	39.9	22.4	44.19	-	-	P	H
		14499	42.34	-11.66	54	24.23	39.9	22.4	44.19	-	-	A	H
		15540	52.05	-21.95	74	35.75	37.98	23.1	44.78	233	165	P	H
		15540	42.42	-11.58	54	26.12	37.98	23.1	44.78	233	165	A	H
		17956	55.27	-18.73	74	34.57	41.49	24.65	45.44	-	-	P	H
		17956	44.87	-9.13	54	24.17	41.49	24.65	45.44	-	-	A	H
		10360	59.93	-8.27	68.2	44.03	38.6	18.91	41.61	354	302	P	V
		13402	52.7	-15.5	68.2	34.29	40	21.58	43.17	-	-	P	V
		13402	42.37	-11.63	54	23.96	40	21.58	43.17	-	-	A	V
		14480	52.38	-21.62	74	34.3	39.88	22.39	44.19	-	-	P	V
		14480	42.19	-11.81	54	24.11	39.88	22.39	44.19	-	-	A	V
		15540	53.08	-20.92	74	36.78	37.98	23.1	44.78	172	4	P	V
		15540	43.75	-10.25	54	27.45	37.98	23.1	44.78	172	4	A	V
		17978	54.78	-19.22	74	33.91	41.65	24.67	45.45	-	-	P	V
		17978	44.39	-9.61	54	23.52	41.65	24.67	45.45	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	57.83	-10.37	68.2	41.97	38.56	18.99	41.69	194	57	P	H
		13391	52.49	-21.51	74	34.11	39.98	21.57	43.17	-	-	P	H
		13391	42.1	-11.9	54	23.72	39.98	21.57	43.17	-	-	A	H
		14480	53.3	-20.7	74	35.22	39.88	22.39	44.19	-	-	P	H
		14480	42.85	-11.15	54	24.77	39.88	22.39	44.19	-	-	A	H
		15660	50.93	-23.07	74	34.68	37.74	23.18	44.67	245	161	P	H
		15660	41.82	-12.18	54	25.57	37.74	23.18	44.67	245	161	A	H
802.11ax		17967	55.85	-18.15	74	35.07	41.57	24.66	45.45	-	-	P	H
HE20 Full		17967	45.41	-8.59	54	24.63	41.57	24.66	45.45	-	-	A	H
CH 44		10440	58.37	-9.83	68.2	42.51	38.56	18.99	41.69	202	356	P	V
5220MHz		13358	52.39	-21.61	74	34.07	39.92	21.56	43.16	-	-	P	V
		13358	41.93	-12.07	54	23.61	39.92	21.56	43.16	-	-	A	V
		14480	52.75	-21.25	74	34.67	39.88	22.39	44.19	-	-	P	V
		14480	42.57	-11.43	54	24.49	39.88	22.39	44.19	-	-	A	V
		15660	51.7	-22.3	74	35.45	37.74	23.18	44.67	182	2	P	V
		15660	41.85	-12.15	54	25.6	37.74	23.18	44.67	182	2	A	V
		18000	55.22	-18.78	74	34.21	41.8	24.68	45.47	-	-	P	V
		18000	44.76	-9.24	54	23.75	41.8	24.68	45.47	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 48 5240MHz		10480	58.49	-9.71	68.2	42.66	38.52	19.03	41.72	197	54	P	H
		13325	52.77	-21.23	74	34.55	39.85	21.53	43.16	-	-	P	H
		13325	42.48	-11.52	54	24.26	39.85	21.53	43.16	-	-	A	H
		14499	53.56	-20.44	74	35.45	39.9	22.4	44.19	-	-	P	H
		14499	43.28	-10.72	54	25.17	39.9	22.4	44.19	-	-	A	H
		15720	50.83	-23.17	74	34.58	37.64	23.22	44.61	250	155	P	H
		15720	41.02	-12.98	54	24.77	37.64	23.22	44.61	250	155	A	H
		17978	54.65	-19.35	74	33.78	41.65	24.67	45.45	-	-	P	H
		17978	44.21	-9.79	54	23.34	41.65	24.67	45.45	-	-	A	H
		10480	58.13	-10.07	68.2	42.3	38.52	19.03	41.72	200	233	P	V
		13336	52.93	-21.07	74	34.68	39.87	21.54	43.16	-	-	P	V
		13336	42.59	-11.41	54	24.34	39.87	21.54	43.16	-	-	A	V
		14491	52.74	-21.26	74	34.64	39.89	22.4	44.19	-	-	P	V
		14491	42.48	-11.52	54	24.38	39.89	22.4	44.19	-	-	A	V
		15720	51.8	-22.2	74	35.55	37.64	23.22	44.61	160	1	P	V
		15720	41.24	-12.76	54	24.99	37.64	23.22	44.61	160	1	A	V
		17934	54.89	-19.11	74	34.33	41.34	24.64	45.42	-	-	P	V
		17934	44.62	-9.38	54	24.06	41.34	24.64	45.42	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5123.76	52.96	-21.04	74	44.88	33.1	12.71	37.73	250	303	P	H
		5121.16	44.6	-9.4	54	36.53	33.1	12.7	37.73	250	303	A	H
	*	5180	113.08	-	-	104.98	33.04	12.81	37.75	250	303	P	H
	*	5180	105.26	-	-	97.16	33.04	12.81	37.75	250	303	A	H
		5124.02	49.42	-24.58	74	41.34	33.1	12.71	37.73	380	9	P	V
		5150	41.1	-12.9	54	32.98	33.1	12.76	37.74	380	9	A	V
	*	5180	109.58	-	-	101.48	33.04	12.81	37.75	380	9	P	V
	*	5180	101.18	-	-	93.08	33.04	12.81	37.75	380	9	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 52 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5147.94	54.41	-19.59	74	46.3	33.1	12.75	37.74	253	307	P	H
		5130	47.26	-6.74	54	39.18	33.1	12.72	37.74	253	307	A	H
	*	5180	114.96	-	-	106.86	33.04	12.81	37.75	253	307	P	H
	*	5180	106	-	-	97.9	33.04	12.81	37.75	253	307	A	H
		5122.46	51.9	-22.1	74	43.83	33.1	12.7	37.73	378	6	P	V
		5150	44.42	-9.58	54	36.3	33.1	12.76	37.74	378	6	A	V
	*	5180	110.81	-	-	102.71	33.04	12.81	37.75	378	6	P	V
	*	5180	102.79	-	-	94.69	33.04	12.81	37.75	378	6	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 106 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5149.5	56.32	-17.68	74	48.21	33.1	12.75	37.74	261	305	P	H
		5150	50.43	-3.57	54	42.31	33.1	12.76	37.74	261	305	A	H
	*	5180	114.94	-	-	106.84	33.04	12.81	37.75	261	305	P	H
	*	5180	106.06	-	-	97.96	33.04	12.81	37.75	261	305	A	H
		5150	55.23	-18.77	74	47.11	33.1	12.76	37.74	319	11	P	V
		5149.5	47.24	-6.76	54	39.13	33.1	12.75	37.74	319	11	A	V
	*	5180	110.36	-	-	102.26	33.04	12.81	37.75	319	11	P	V
	*	5180	102.92	-	-	94.82	33.04	12.81	37.75	319	11	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 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	61.81	-12.19	74	53.7	33.1	12.75	37.74	253	305	P	H
		5149.76	50.14	-3.86	54	42.03	33.1	12.75	37.74	253	305	A	H
	*	5190	111.82	-	-	103.73	33.02	12.83	37.76	253	305	P	H
	*	5190	102.9	-	-	94.81	33.02	12.83	37.76	253	305	A	H
802.11ax		5354.16	50.19	-23.81	74	42.12	32.72	13.17	37.82	253	305	P	H
HE40 Full		5351.92	40.36	-13.64	54	32.31	32.71	13.16	37.82	253	305	A	H
CH 38		5149.76	57.33	-16.67	74	49.22	33.1	12.75	37.74	339	1	P	V
5190MHz		5149.24	49.32	-4.68	54	41.21	33.1	12.75	37.74	339	1	A	V
	*	5190	111	-	-	102.91	33.02	12.83	37.76	339	1	P	V
	*	5190	100.84	-	-	92.75	33.02	12.83	37.76	339	1	A	V
		5406.8	47.12	-26.88	74	38.79	32.9	13.27	37.84	339	1	P	V
		5359.2	37.33	-16.67	54	29.23	32.74	13.18	37.82	339	1	A	V
		5144.3	53.46	-20.54	74	45.36	33.1	12.74	37.74	257	309	P	H
		5150	45.79	-8.21	54	37.67	33.1	12.76	37.74	257	309	A	H
	*	5230	112.91	-	-	104.89	32.88	12.91	37.77	257	309	P	H
	*	5230	103.57	-	-	95.55	32.88	12.91	37.77	257	309	A	H
802.11ax		5368.08	51.84	-22.16	74	43.7	32.77	13.19	37.82	257	309	P	H
HE40 Full		5357.28	42.84	-11.16	54	34.76	32.73	13.17	37.82	257	309	A	H
CH 46		5148.2	52.91	-21.09	74	44.8	33.1	12.75	37.74	329	6	P	V
5230MHz		5149.5	43.73	-10.27	54	35.62	33.1	12.75	37.74	329	6	A	V
	*	5230	109.16	-	-	101.14	32.88	12.91	37.77	329	6	P	V
	*	5230	100.54	-	-	92.52	32.88	12.91	37.77	329	6	A	V
		5351.76	48.61	-25.39	74	40.56	32.71	13.16	37.82	329	6	P	V
		5350.32	39.85	-14.15	54	31.81	32.7	13.16	37.82	329	6	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		10380	56.02	-12.18	68.2	40.12	38.6	18.93	41.63	200	60	P	H
		13391	52.47	-21.53	74	34.09	39.98	21.57	43.17	-	-	P	H
		13391	42.09	-11.91	54	23.71	39.98	21.57	43.17	-	-	A	H
		14499	51.81	-22.19	74	33.7	39.9	22.4	44.19	-	-	P	H
		14499	41.44	-12.56	54	23.33	39.9	22.4	44.19	-	-	A	H
		15570	50.99	-23.01	74	34.73	37.89	23.12	44.75	252	160	P	H
		15570	41.35	-12.65	54	25.09	37.89	23.12	44.75	252	160	A	H
		17956	54.25	-19.75	74	33.55	41.49	24.65	45.44	-	-	P	H
		17956	43.87	-10.13	54	23.17	41.49	24.65	45.44	-	-	A	H
		10380	58.15	-10.05	68.2	42.25	38.6	18.93	41.63	203	237	P	V
		13251	53.16	-20.84	74	35.09	39.75	21.47	43.15	-	-	P	V
		13251	42.77	-11.23	54	24.7	39.75	21.47	43.15	-	-	A	V
		14499	52.71	-21.29	74	34.6	39.9	22.4	44.19	-	-	P	V
		14499	42.3	-11.7	54	24.19	39.9	22.4	44.19	-	-	A	V
		15570	50.94	-23.06	74	34.68	37.89	23.12	44.75	173	3	P	V
		15570	42.16	-11.84	54	25.9	37.89	23.12	44.75	173	3	A	V
		17912	54.77	-19.23	74	34.38	41.18	24.62	45.41	-	-	P	V
		17912	44.38	-9.62	54	23.99	41.18	24.62	45.41	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 46 5230MHz		10460	55.86	-12.34	68.2	40.01	38.54	19.01	41.7	194	58	P	H
		13380	52.93	-21.07	74	34.57	39.96	21.57	43.17	-	-	P	H
		13380	42.67	-11.33	54	24.31	39.96	21.57	43.17	-	-	A	H
		14491	52.33	-21.67	74	34.23	39.89	22.4	44.19	-	-	P	H
		14491	42.15	-11.85	54	24.05	39.89	22.4	44.19	-	-	A	H
		15690	50.63	-23.37	74	34.36	37.71	23.2	44.64	239	161	P	H
		15690	41	-13	54	24.73	37.71	23.2	44.64	239	161	A	H
		17912	54.06	-19.94	74	33.67	41.18	24.62	45.41	-	-	P	H
		17912	43.75	-10.25	54	23.36	41.18	24.62	45.41	-	-	A	H
		10460	57.64	-10.56	68.2	41.79	38.54	19.01	41.7	198	235	P	V
		13314	52.83	-21.17	74	34.64	39.83	21.52	43.16	-	-	P	V
		13314	42.59	-11.41	54	24.4	39.83	21.52	43.16	-	-	A	V
		14480	52.58	-21.42	74	34.5	39.88	22.39	44.19	-	-	P	V
		14480	42.22	-11.78	54	24.14	39.88	22.39	44.19	-	-	A	V
		15690	51.4	-22.6	74	35.13	37.71	23.2	44.64	193	3	P	V
		15690	41.26	-12.74	54	24.99	37.71	23.2	44.64	193	3	A	V
		17989	54.71	-19.29	74	33.78	41.72	24.67	45.46	-	-	P	V
		17989	44.31	-9.69	54	23.38	41.72	24.67	45.46	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5148.2	57.14	-16.86	74	49.03	33.1	12.75	37.74	251	309	P	H
		5150	51.52	-2.48	54	43.4	33.1	12.76	37.74	251	309	A	H
	*	5190	110.52	-	-	102.43	33.02	12.83	37.76	251	309	P	H
	*	5190	102.41	-	-	94.32	33.02	12.83	37.76	251	309	A	H
		5360.4	49.53	-24.47	74	41.43	32.74	13.18	37.82	251	309	P	H
		5350	42.74	-11.26	54	34.7	32.7	13.16	37.82	251	309	A	H
		5149.5	54.71	-19.29	74	46.6	33.1	12.75	37.74	270	3	P	V
		5149.76	48.29	-5.71	54	40.18	33.1	12.75	37.74	270	3	A	V
	*	5190	106.74	-	-	98.65	33.02	12.83	37.76	270	3	P	V
	*	5190	99.4	-	-	91.31	33.02	12.83	37.76	270	3	A	V
		5453.4	47.36	-26.64	74	38.97	32.91	13.33	37.85	270	3	P	V
		5367	40.35	-13.65	54	32.21	32.77	13.19	37.82	270	3	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5129.22	58.92	-15.08	74	50.84	33.1	12.72	37.74	250	306	P	H
		5149.5	51.51	-2.49	54	43.4	33.1	12.75	37.74	250	306	A	H
	*	5210	105.87	-	-	97.81	32.96	12.87	37.77	250	306	P	H
	*	5210	96.78	-	-	88.72	32.96	12.87	37.77	250	306	A	H
		5368.48	49.71	-24.29	74	41.56	32.77	13.2	37.82	250	306	P	H
		5357.41	41.23	-12.77	54	33.15	32.73	13.17	37.82	250	306	A	H
		5149.5	55.88	-18.12	74	47.77	33.1	12.75	37.74	301	2	P	V
		5149.5	49.97	-4.03	54	41.86	33.1	12.75	37.74	301	2	A	V
	*	5210	102.42	-	-	94.36	32.96	12.87	37.77	301	2	P	V
	*	5210	94.37	-	-	86.31	32.96	12.87	37.77	301	2	A	V
		5424.1	46.38	-27.62	74	38.03	32.9	13.29	37.84	301	2	P	V
		5350.93	38.39	-15.61	54	30.35	32.7	13.16	37.82	301	2	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		10420	50.13	-18.07	68.2	34.25	38.58	18.97	41.67	-	-	P	H
		13391	52.29	-21.71	74	33.91	39.98	21.57	43.17	-	-	P	H
		13391	41.88	-12.12	54	23.5	39.98	21.57	43.17	-	-	A	H
		14480	52.31	-21.69	74	34.23	39.88	22.39	44.19	-	-	P	H
		14480	42.09	-11.91	54	24.01	39.88	22.39	44.19	-	-	A	H
		15630	49.9	-24.1	74	33.67	37.77	23.16	44.7	245	159	P	H
		15630	40.92	-13.08	54	24.69	37.77	23.16	44.7	245	159	A	H
		17934	54.39	-19.61	74	33.83	41.34	24.64	45.42	-	-	P	H
		17934	44.12	-9.88	54	23.56	41.34	24.64	45.42	-	-	A	H
		10420	49.74	-18.46	68.2	33.86	38.58	18.97	41.67	-	-	P	V
		13358	53.07	-20.93	74	34.75	39.92	21.56	43.16	-	-	P	V
		13358	42.71	-11.29	54	24.39	39.92	21.56	43.16	-	-	A	V
		14499	52.23	-21.77	74	34.12	39.9	22.4	44.19	-	-	P	V
		14499	42.06	-11.94	54	23.95	39.9	22.4	44.19	-	-	A	V
		15630	50.65	-23.35	74	34.42	37.77	23.16	44.7	165	2	P	V
		15630	40.96	-13.04	54	24.73	37.77	23.16	44.7	165	2	A	V
		17989	54.35	-19.65	74	33.42	41.72	24.67	45.46	-	-	P	V
		17989	44.17	-9.83	54	23.24	41.72	24.67	45.46	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 1 5150~5250MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5146.9	57.12	-16.88	74	49.01	33.1	12.75	37.74	263	304	P	H
		5150	51.16	-2.84	54	43.04	33.1	12.76	37.74	263	304	A	H
	*	5210	106.52	-	-	98.46	32.96	12.87	37.77	263	304	P	H
	*	5210	98.3	-	-	90.24	32.96	12.87	37.77	263	304	A	H
		5367.18	49.16	-24.84	74	41.02	32.77	13.19	37.82	263	304	P	H
		5357.3	41.76	-12.24	54	33.68	32.73	13.17	37.82	263	304	A	H
		5148.46	53.23	-20.77	74	45.12	33.1	12.75	37.74	333	0	P	V
		5145.6	46.73	-7.27	54	38.62	33.1	12.75	37.74	333	0	A	V
	*	5210	102.45	-	-	94.39	32.96	12.87	37.77	333	0	P	V
	*	5210	95.34	-	-	87.28	32.96	12.87	37.77	333	0	A	V
		5371.34	47.43	-26.57	74	39.26	32.79	13.2	37.82	333	0	P	V
		5363.28	39.83	-14.17	54	31.72	32.75	13.18	37.82	333	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5115.94	49.27	-24.73	74	41.21	33.1	12.69	37.73	247	302	P	H
		5148.24	41.49	-12.51	54	33.38	33.1	12.75	37.74	247	302	A	H
	*	5260	113.98	-	-	105.95	32.84	12.97	37.78	247	302	P	H
	*	5260	106.27	-	-	98.24	32.84	12.97	37.78	247	302	A	H
		5352.24	52.53	-21.47	74	44.48	32.71	13.16	37.82	247	302	P	H
		5350.8	44.43	-9.57	54	36.39	32.7	13.16	37.82	247	302	A	H
		5106.08	47.87	-26.13	74	39.83	33.1	12.67	37.73	400	354	P	V
		5149.94	40.32	-13.68	54	32.21	33.1	12.75	37.74	400	354	A	V
	*	5260	109.14	-	-	101.11	32.84	12.97	37.78	400	354	P	V
	*	5260	102.36	-	-	94.33	32.84	12.97	37.78	400	354	A	V
		5394.72	47.7	-26.3	74	39.4	32.88	13.25	37.83	400	354	P	V
		5352	39.73	-14.27	54	31.68	32.71	13.16	37.82	400	354	A	V
802.11a CH 60 5300MHz		5132.26	49.57	-24.43	74	41.49	33.1	12.72	37.74	257	283	P	H
		5149.94	39.47	-14.53	54	31.36	33.1	12.75	37.74	257	283	A	H
	*	5300	113.07	-	-	104.81	33	13.06	37.8	257	283	P	H
	*	5300	105.46	-	-	97.2	33	13.06	37.8	257	283	A	H
		5355.36	57.8	-16.2	74	49.73	32.72	13.17	37.82	257	283	P	H
		5350.08	47.93	-6.07	54	39.89	32.7	13.16	37.82	257	283	A	H
		5125.12	49.11	-24.89	74	41.04	33.1	12.71	37.74	252	311	P	V
		5137.02	39.03	-14.97	54	30.94	33.1	12.73	37.74	252	311	A	V
	*	5300	109.33	-	-	101.07	33	13.06	37.8	252	311	P	V
	*	5300	102.38	-	-	94.12	33	13.06	37.8	252	311	A	V
		5359.44	52.85	-21.15	74	44.75	32.74	13.18	37.82	252	311	P	V
		5356.56	43.66	-10.34	54	35.58	32.73	13.17	37.82	252	311	A	V

802.11a CH 64 5320MHz	*	5320	114.4	-	-	106.23	32.88	13.1	37.81	255	293	P	H
	*	5320	106.78	-	-	98.61	32.88	13.1	37.81	255	293	A	H
		5350.56	60.29	-13.71	74	52.25	32.7	13.16	37.82	255	293	P	H
		5350.08	50.72	-3.28	54	42.68	32.7	13.16	37.82	255	293	A	H
	*	5320	109.67	-	-	101.5	32.88	13.1	37.81	316	326	P	V
	*	5320	102.69	-	-	94.52	32.88	13.1	37.81	316	326	A	V
		5350.08	54.69	-19.31	74	46.65	32.7	13.16	37.82	316	326	P	V
		5350.08	45.52	-8.48	54	37.48	32.7	13.16	37.82	316	326	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	57.16	-11.04	68.2	41.27	38.56	19.07	41.74	208	117	P	H
		13369	53.14	-20.86	74	34.8	39.94	21.57	43.17	-	-	P	H
		13369	42.77	-11.23	54	24.43	39.94	21.57	43.17	-	-	A	H
		14491	52.4	-21.6	74	34.3	39.89	22.4	44.19	-	-	P	H
		14491	42.11	-11.89	54	24.01	39.89	22.4	44.19	-	-	A	H
		15780	51.06	-22.94	74	34.9	37.46	23.25	44.55	200	197	P	H
		15780	41.1	-12.9	54	24.94	37.46	23.25	44.55	200	197	A	H
		17956	55.26	-18.74	74	34.56	41.49	24.65	45.44	-	-	P	H
		17956	44.82	-9.18	54	24.12	41.49	24.65	45.44	-	-	A	H
		10520	57.17	-11.03	68.2	41.28	38.56	19.07	41.74	339	239	P	V
		13347	52.89	-21.11	74	34.61	39.89	21.55	43.16	-	-	P	V
		13347	42.68	-11.32	54	24.4	39.89	21.55	43.16	-	-	A	V
		14480	52.62	-21.38	74	34.54	39.88	22.39	44.19	-	-	P	V
		14480	42.3	-11.7	54	24.22	39.88	22.39	44.19	-	-	A	V
		15780	52.11	-21.89	74	35.95	37.46	23.25	44.55	200	92	P	V
		15780	41.17	-12.83	54	25.01	37.46	23.25	44.55	200	92	A	V
		17967	55.65	-18.35	74	34.87	41.57	24.66	45.45	-	-	P	V
		17967	45.29	-8.71	54	24.51	41.57	24.66	45.45	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	59.03	-14.97	74	42.8	38.8	19.15	41.72	195	68	P	H
		10600	49.35	-4.65	54	33.12	38.8	19.15	41.72	195	68	A	H
		13251	52.69	-21.31	74	34.62	39.75	21.47	43.15	-	-	P	H
		13251	42.24	-11.76	54	24.17	39.75	21.47	43.15	-	-	A	H
		14499	52.71	-21.29	74	34.6	39.9	22.4	44.19	-	-	P	H
		14499	42.39	-11.61	54	24.28	39.9	22.4	44.19	-	-	A	H
		15900	50.65	-23.35	74	34.37	37.4	23.32	44.44	249	165	P	H
		15900	40.52	-13.48	54	24.24	37.4	23.32	44.44	249	165	A	H
		17956	54.8	-19.2	74	34.1	41.49	24.65	45.44	-	-	P	H
		17956	44.44	-9.56	54	23.74	41.49	24.65	45.44	-	-	A	H
		10600	59.48	-14.52	74	43.25	38.8	19.15	41.72	300	232	P	V
		10600	48.87	-5.13	54	32.64	38.8	19.15	41.72	300	235	A	V
		13314	52.32	-21.68	74	34.13	39.83	21.52	43.16	-	-	P	V
		13314	42.17	-11.83	54	23.98	39.83	21.52	43.16	-	-	A	V
		14491	52.65	-21.35	74	34.55	39.89	22.4	44.19	-	-	P	V
		14491	42.31	-11.69	54	24.21	39.89	22.4	44.19	-	-	A	V
		15900	51.4	-22.6	74	35.12	37.4	23.32	44.44	178	1	P	V
		15900	41.24	-12.76	54	24.96	37.4	23.32	44.44	178	1	A	V
		17967	55	-19	74	34.22	41.57	24.66	45.45	-	-	P	V
		17967	44.58	-9.42	54	23.8	41.57	24.66	45.45	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	56.77	-17.23	74	40.46	38.84	19.19	41.72	204	150	P	H
		10640	48.16	-5.84	54	31.85	38.84	19.19	41.72	204	150	A	H
		13248	52.69	-15.51	68.2	34.61	39.75	21.47	43.14	-	-	P	H
		13248	42.37	-11.63	54	24.29	39.75	21.47	43.14	-	-	A	H
		14499	53.56	-20.44	74	35.45	39.9	22.4	44.19	-	-	P	H
		14499	43.24	-10.76	54	25.13	39.9	22.4	44.19	-	-	A	H
		15960	50.75	-23.25	74	34.25	37.52	23.36	44.38	200	95	P	H
		15960	41.16	-12.84	54	24.66	37.52	23.36	44.38	200	95	A	H
		17978	56.21	-17.79	74	35.34	41.65	24.67	45.45	-	-	P	H
		17978	45.83	-8.17	54	24.96	41.65	24.67	45.45	-	-	A	H
		10640	57.53	-16.47	74	41.22	38.84	19.19	41.72	292	236	P	V
		10640	48.39	-5.61	54	32.08	38.84	19.19	41.72	292	236	A	V
		13248	52.54	-15.66	68.2	34.46	39.75	21.47	43.14	-	-	P	V
		13248	42.19	-11.81	54	24.11	39.75	21.47	43.14	-	-	A	V
		14491	53.46	-20.54	74	35.36	39.89	22.4	44.19	-	-	P	V
		14491	43.21	-10.79	54	25.11	39.89	22.4	44.19	-	-	A	V
		15960	50.96	-23.04	74	34.46	37.52	23.36	44.38	202	198	P	V
		15960	40.95	-13.05	54	24.45	37.52	23.36	44.38	202	198	A	V
		17978	55.39	-18.61	74	34.52	41.65	24.67	45.45	-	-	P	V
		17978	45.09	-8.91	54	24.22	41.65	24.67	45.45	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.9	48.46	-25.54	74	40.35	33.1	12.75	37.74	258	282	P	H
		5149.94	40.8	-13.2	54	32.69	33.1	12.75	37.74	258	282	A	H
	*	5260	113.39	-	-	105.36	32.84	12.97	37.78	258	282	P	H
	*	5260	105.36	-	-	97.33	32.84	12.97	37.78	258	282	A	H
802.11ax		5351.76	53.09	-20.91	74	45.04	32.71	13.16	37.82	258	282	P	H
HE20 Full		5351.04	45.48	-8.52	54	37.44	32.7	13.16	37.82	258	282	A	H
CH 52		5140.08	49.16	-24.84	74	41.06	33.1	12.74	37.74	274	318	P	V
5260MHz		5148.58	40.02	-13.98	54	31.91	33.1	12.75	37.74	274	318	A	V
	*	5260	109.31	-	-	101.28	32.84	12.97	37.78	274	318	P	V
	*	5260	100.55	-	-	92.52	32.84	12.97	37.78	274	318	A	V
		5361.36	49.98	-24.02	74	41.87	32.75	13.18	37.82	274	318	P	V
		5350.08	41.21	-12.79	54	33.17	32.7	13.16	37.82	274	318	A	V
		5120.02	49.69	-24.31	74	41.62	33.1	12.7	37.73	253	280	P	H
		5149.94	40.35	-13.65	54	32.24	33.1	12.75	37.74	253	280	A	H
	*	5300	114.13	-	-	105.87	33	13.06	37.8	253	280	P	H
	*	5300	105.03	-	-	96.77	33	13.06	37.8	253	280	A	H
802.11ax		5352.72	57.4	-16.6	74	49.35	32.71	13.16	37.82	253	280	P	H
HE20 Full		5350.8	48.33	-5.67	54	40.29	32.7	13.16	37.82	253	280	A	H
CH 60		5075.82	47.28	-26.72	74	39.34	33.05	12.61	37.72	277	327	P	V
5300MHz		5149.6	39.57	-14.43	54	31.46	33.1	12.75	37.74	277	327	A	V
	*	5300	110.7	-	-	102.44	33	13.06	37.8	277	327	P	V
	*	5300	101.54	-	-	93.28	33	13.06	37.8	277	327	A	V
		5354.4	53.67	-20.33	74	45.6	32.72	13.17	37.82	277	327	P	V
		5351.76	44.49	-9.51	54	36.44	32.71	13.16	37.82	277	327	A	V

	*	5320	115.26	-	-	107.09	32.88	13.1	37.81	247	296	P	H
	*	5320	107.6	-	-	99.43	32.88	13.1	37.81	247	296	A	H
802.11ax		5351.2	60.79	-13.21	74	52.75	32.7	13.16	37.82	247	296	P	H
HE20 Full		5350.08	51.63	-2.37	54	43.59	32.7	13.16	37.82	247	296	A	H
CH 64	*	5320	110.53	-	-	102.36	32.88	13.1	37.81	347	333	P	V
5320MHz	*	5320	101.61	-	-	93.44	32.88	13.1	37.81	347	333	A	V
		5350.08	55.1	-18.9	74	47.06	32.7	13.16	37.82	347	333	P	V
		5350.4	46.3	-7.7	54	38.26	32.7	13.16	37.82	347	333	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		10520	56.6	-11.6	68.2	40.71	38.56	19.07	41.74	200	67	P	H
		13292	53.3	-20.7	74	35.16	39.79	21.5	43.15	-	-	P	H
		13292	42.88	-11.12	54	24.74	39.79	21.5	43.15	-	-	A	H
		14491	53.18	-20.82	74	35.08	39.89	22.4	44.19	-	-	P	H
		14491	42.7	-11.3	54	24.6	39.89	22.4	44.19	-	-	A	H
		15780	50.39	-23.61	74	34.23	37.46	23.25	44.55	252	146	P	H
		15780	40.78	-13.22	54	24.62	37.46	23.25	44.55	252	146	A	H
		17945	55.36	-18.64	74	34.73	41.41	24.65	45.43	-	-	P	H
		17945	45.18	-8.82	54	24.55	41.41	24.65	45.43	-	-	A	H
		10520	57.36	-10.84	68.2	41.47	38.56	19.07	41.74	201	233	P	V
		13347	53.09	-20.91	74	34.81	39.89	21.55	43.16	-	-	P	V
		13347	42.71	-11.29	54	24.43	39.89	21.55	43.16	-	-	A	V
		14480	53.18	-20.82	74	35.1	39.88	22.39	44.19	-	-	P	V
		14480	42.69	-11.31	54	24.61	39.88	22.39	44.19	-	-	A	V
		15780	51.53	-22.47	74	35.37	37.46	23.25	44.55	175	2	P	V
		15780	41.08	-12.92	54	24.92	37.46	23.25	44.55	175	2	A	V
		17890	55.71	-18.29	74	35.48	41.01	24.61	45.39	-	-	P	V
		17890	45.22	-8.78	54	24.99	41.01	24.61	45.39	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	56.17	-17.83	74	39.94	38.8	19.15	41.72	200	64	P	H
		10600	47.81	-6.19	54	31.58	38.8	19.15	41.72	200	64	A	H
		13259	52.91	-21.09	74	34.83	39.76	21.47	43.15	-	-	P	H
		13259	42.68	-11.32	54	24.6	39.76	21.47	43.15	-	-	A	H
		14491	53.46	-20.54	74	35.36	39.89	22.4	44.19	-	-	P	H
		14491	43.17	-10.83	54	25.07	39.89	22.4	44.19	-	-	A	H
		15900	50.23	-23.77	74	33.95	37.4	23.32	44.44	220	143	P	H
		15900	40.61	-13.39	54	24.33	37.4	23.32	44.44	220	143	A	H
802.11ax		17956	56.04	-17.96	74	35.34	41.49	24.65	45.44	-	-	P	H
HE20 Full		17956	45.69	-8.31	54	24.99	41.49	24.65	45.44	-	-	A	H
CH 60		10600	55.81	-18.19	74	39.58	38.8	19.15	41.72	299	234	P	V
5300MHz		10600	47.78	-6.22	54	31.55	38.8	19.15	41.72	299	234	A	V
		13303	53.09	-20.91	74	34.92	39.81	21.51	43.15	-	-	P	V
		13303	42.77	-11.23	54	24.6	39.81	21.51	43.15	-	-	A	V
		14491	52.74	-21.26	74	34.64	39.89	22.4	44.19	-	-	P	V
		14491	42.39	-11.61	54	24.29	39.89	22.4	44.19	-	-	A	V
		15900	50.48	-23.52	74	34.2	37.4	23.32	44.44	180	3	P	V
		15900	40.98	-13.02	54	24.7	37.4	23.32	44.44	180	3	A	V
		17967	55.46	-18.54	74	34.68	41.57	24.66	45.45	-	-	P	V
		17967	45.22	-8.78	54	24.44	41.57	24.66	45.45	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz		10640	58.09	-15.91	74	41.78	38.84	19.19	41.72	192	63	P	H
		10640	48.68	-5.32	54	32.37	38.84	19.19	41.72	192	63	A	H
		13336	52.61	-21.39	74	34.36	39.87	21.54	43.16	-	-	P	H
		13336	42.32	-11.68	54	24.07	39.87	21.54	43.16	-	-	A	H
		14480	52.77	-21.23	74	34.69	39.88	22.39	44.19	-	-	P	H
		14480	42.4	-11.6	54	24.32	39.88	22.39	44.19	-	-	A	H
		15960	51.12	-22.88	74	34.62	37.52	23.36	44.38	226	159	P	H
		15960	40.81	-13.19	54	24.31	37.52	23.36	44.38	226	159	A	H
		17978	55.7	-18.3	74	34.83	41.65	24.67	45.45	-	-	P	H
		17978	45.28	-8.72	54	24.41	41.65	24.67	45.45	-	-	A	H
		10640	58.03	-15.97	74	41.72	38.84	19.19	41.72	200	25	P	V
		10640	48.18	-5.82	54	31.87	38.84	19.19	41.72	200	25	A	V
		13303	53.16	-20.84	74	34.99	39.81	21.51	43.15	-	-	P	V
		13303	42.74	-11.26	54	24.57	39.81	21.51	43.15	-	-	A	V
		14491	53.09	-20.91	74	34.99	39.89	22.4	44.19	-	-	P	V
		14491	42.69	-11.31	54	24.59	39.89	22.4	44.19	-	-	A	V
		15960	50.82	-23.18	74	34.32	37.52	23.36	44.38	166	30	P	V
		15960	41.17	-12.83	54	24.67	37.52	23.36	44.38	166	30	A	V
		17956	56.33	-17.67	74	35.63	41.49	24.65	45.44	-	-	P	V
		17956	45.82	-8.18	54	25.12	41.49	24.65	45.44	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5326	113.62	-	-	105.48	32.84	13.11	37.81	257	279	P	H
	*	5326	105.12	-	-	96.98	32.84	13.11	37.81	257	279	A	H
		5350.08	52.18	-21.82	74	44.14	32.7	13.16	37.82	257	279	P	H
		5377.92	43.1	-10.9	54	34.91	32.81	13.21	37.83	257	279	A	H
	*	5320	107.97	-	-	99.8	32.88	13.1	37.81	239	40	P	V
	*	5320	100.01	-	-	91.84	32.88	13.1	37.81	239	40	A	V
		5379.84	49.97	-24.03	74	41.76	32.82	13.22	37.83	239	40	P	V
		5379.2	39.98	-14.02	54	31.77	32.82	13.22	37.83	239	40	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/40 CH 64 5320MHz	*	5320	112.22	-	-	104.05	32.88	13.1	37.81	243	297	P	H
	*	5320	104.85	-	-	96.68	32.88	13.1	37.81	243	297	A	H
		5370.72	53.12	-20.88	74	44.96	32.78	13.2	37.82	243	297	P	H
		5350.08	46.52	-7.48	54	38.48	32.7	13.16	37.82	243	297	A	H
	*	5320	108.88	-	-	100.71	32.88	13.1	37.81	244	40	P	V
	*	5320	100.71	-	-	92.54	32.88	13.1	37.81	244	40	A	V
		5368.48	49.93	-24.07	74	41.78	32.77	13.2	37.82	244	40	P	V
		5350.08	43.2	-10.8	54	35.16	32.7	13.16	37.82	244	40	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	114.96	-	-	106.79	32.88	13.1	37.81	261	283	P	H
	*	5320	106.34	-	-	98.17	32.88	13.1	37.81	261	283	A	H
		5356.48	57.17	-16.83	74	49.09	32.73	13.17	37.82	261	283	P	H
		5355.2	50.46	-3.54	54	42.39	32.72	13.17	37.82	261	283	A	H
	*	5320	108.36	-	-	100.19	32.88	13.1	37.81	339	19	P	V
	*	5320	100.48	-	-	92.31	32.88	13.1	37.81	339	19	A	V
		5352.16	53.24	-20.76	74	45.19	32.71	13.16	37.82	339	19	P	V
		5354.24	46.22	-7.78	54	38.15	32.72	13.17	37.82	339	19	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 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5142.46	50.18	-23.82	74	42.08	33.1	12.74	37.74	251	303	P	H
		5147.22	41.55	-12.45	54	33.44	33.1	12.75	37.74	251	303	A	H
	*	5270	113.33	-	-	105.25	32.88	12.99	37.79	251	303	P	H
	*	5270	103.39	-	-	95.31	32.88	12.99	37.79	251	303	A	H
802.11ax		5351.28	57.19	-16.81	74	49.14	32.71	13.16	37.82	251	303	P	H
HE40 Full		5350.32	47.8	-6.2	54	39.76	32.7	13.16	37.82	251	303	A	H
CH 54		5124.78	47.2	-26.8	74	39.12	33.1	12.71	37.73	342	31	P	V
5270MHz		5149.94	39.18	-14.82	54	31.07	33.1	12.75	37.74	342	31	A	V
	*	5270	108.51	-	-	100.43	32.88	12.99	37.79	342	31	P	V
	*	5270	99.54	-	-	91.46	32.88	12.99	37.79	342	31	A	V
		5355.12	50.9	-23.1	74	42.83	32.72	13.17	37.82	342	31	P	V
		5350.8	43.57	-10.43	54	35.53	32.7	13.16	37.82	342	31	A	V
		5111.18	48.32	-25.68	74	40.27	33.1	12.68	37.73	256	294	P	H
		5149.26	38.89	-15.11	54	30.78	33.1	12.75	37.74	256	294	A	H
	*	5310	110.22	-	-	102	32.94	13.08	37.8	256	294	P	H
	*	5310	100.98	-	-	92.76	32.94	13.08	37.8	256	294	A	H
802.11ax		5351.04	58.7	-15.3	74	50.66	32.7	13.16	37.82	256	294	P	H
HE40 Full		5350.08	51.02	-2.98	54	42.98	32.7	13.16	37.82	256	294	A	H
CH 62		5019.72	47.42	-26.58	74	39.55	33.06	12.51	37.7	351	30	P	V
5310MHz		5093.5	38.33	-15.67	54	30.31	33.09	12.65	37.72	351	30	A	V
	*	5310	106.08	-	-	97.86	32.94	13.08	37.8	351	30	P	V
	*	5310	96.59	-	-	88.37	32.94	13.08	37.8	351	30	A	V
		5352.24	53.6	-20.4	74	45.55	32.71	13.16	37.82	351	30	P	V
		5350.08	45.61	-8.39	54	37.57	32.7	13.16	37.82	351	30	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	55.01	-13.19	68.2	39.03	38.62	19.09	41.73	200	67	P	H
		13399	52.77	-21.23	74	34.36	40	21.58	43.17	-	-	P	H
		13399	42.57	-11.43	54	24.16	40	21.58	43.17	-	-	A	H
		14491	53.14	-20.86	74	35.04	39.89	22.4	44.19	-	-	P	H
		14491	42.77	-11.23	54	24.67	39.89	22.4	44.19	-	-	A	H
		15810	50.16	-23.84	74	34.01	37.4	23.27	44.52	246	139	P	H
		15810	40.71	-13.29	54	24.56	37.4	23.27	44.52	245	139	A	H
		17945	55.73	-18.27	74	35.1	41.41	24.65	45.43	-	-	P	H
		17945	45.38	-8.62	54	24.75	41.41	24.65	45.43	-	-	A	H
		10540	56.09	-12.11	68.2	40.11	38.62	19.09	41.73	331	235	P	V
		13380	52.61	-21.39	74	34.25	39.96	21.57	43.17	-	-	P	V
		13380	42.36	-11.64	54	24	39.96	21.57	43.17	-	-	A	V
		14499	52.58	-21.42	74	34.47	39.9	22.4	44.19	-	-	P	V
		14499	42.21	-11.79	54	24.1	39.9	22.4	44.19	-	-	A	V
		15810	51.07	-22.93	74	34.92	37.4	23.27	44.52	172	3	P	V
		15810	40.85	-13.15	54	24.7	37.4	23.27	44.52	172	3	A	V
		17956	55.47	-18.53	74	34.77	41.49	24.65	45.44	-	-	P	V
		17956	45.27	-8.73	54	24.57	41.49	24.65	45.44	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 62 5310MHz		10620	53.02	-20.98	74	36.75	38.82	19.17	41.72	195	66	P	H
		10620	44.32	-9.68	54	28.05	38.82	19.17	41.72	195	66	A	H
		13399	52.95	-21.05	74	34.54	40	21.58	43.17	-	-	P	H
		13399	42.67	-11.33	54	24.26	40	21.58	43.17	-	-	A	H
		14480	53.52	-20.48	74	35.44	39.88	22.39	44.19	-	-	P	H
		14480	43.18	-10.82	54	25.1	39.88	22.39	44.19	-	-	A	H
		15930	50.55	-23.45	74	34.16	37.46	23.34	44.41	241	162	P	H
		15930	40.59	-13.41	54	24.2	37.46	23.34	44.41	241	162	A	H
		17989	55.78	-18.22	74	34.85	41.72	24.67	45.46	-	-	P	H
		17989	45.38	-8.62	54	24.45	41.72	24.67	45.46	-	-	A	H
		10620	52.8	-21.2	74	36.53	38.82	19.17	41.72	327	233	P	V
		10620	43.73	-10.27	54	27.46	38.82	19.17	41.72	327	233	A	V
		13314	52.5	-21.5	74	34.31	39.83	21.52	43.16	-	-	P	V
		13314	42.19	-11.81	54	24	39.83	21.52	43.16	-	-	A	V
		14491	53.21	-20.79	74	35.11	39.89	22.4	44.19	-	-	P	V
		14491	42.87	-11.13	54	24.77	39.89	22.4	44.19	-	-	A	V
		15930	50.82	-23.18	74	34.43	37.46	23.34	44.41	174	3	P	V
		15930	40.64	-13.36	54	24.25	37.46	23.34	44.41	174	3	A	V
		17989	56.33	-17.67	74	35.4	41.72	24.67	45.46	-	-	P	V
		17989	45.7	-8.3	54	24.77	41.72	24.67	45.46	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5052.36	49.29	-24.71	74	41.43	33	12.57	37.71	258	282	P	H
		5104.72	41.16	-12.84	54	33.12	33.1	12.67	37.73	258	282	A	H
	*	5310	109.94	-	-	101.72	32.94	13.08	37.8	258	282	P	H
	*	5310	101.84	-	-	93.62	32.94	13.08	37.8	258	282	A	H
		5351.52	58.42	-15.58	74	50.37	32.71	13.16	37.82	258	282	P	H
		5351.04	49.65	-4.35	54	41.61	32.7	13.16	37.82	258	282	A	H
		5140.42	49.11	-24.89	74	41.01	33.1	12.74	37.74	277	322	P	V
		5133.96	41.85	-12.15	54	33.77	33.1	12.72	37.74	277	322	A	V
	*	5310	105.8	-	-	97.58	32.94	13.08	37.8	277	322	P	V
	*	5310	98.82	-	-	90.6	32.94	13.08	37.8	277	322	A	V
		5352.96	52.57	-21.43	74	44.52	32.71	13.16	37.82	277	322	P	V
		5352.96	46.18	-7.82	54	38.13	32.71	13.16	37.82	277	322	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5119	47.66	-26.34	74	39.59	33.1	12.7	37.73	247	300	P	H
		5149.26	39.97	-14.03	54	31.86	33.1	12.75	37.74	247	300	A	H
	*	5290	104.94	-	-	96.74	32.96	13.03	37.79	247	300	P	H
	*	5290	95.95	-	-	87.75	32.96	13.03	37.79	247	300	A	H
		5358.96	57.58	-16.42	74	49.48	32.74	13.18	37.82	247	300	P	H
		5354.16	51.23	-2.77	54	43.16	32.72	13.17	37.82	247	300	A	H
		5109.48	47.34	-26.66	74	39.29	33.1	12.68	37.73	329	26	P	V
		5069.7	38.57	-15.43	54	30.65	33.04	12.6	37.72	329	26	A	V
	*	5290	100.76	-	-	92.56	32.96	13.03	37.79	329	26	P	V
	*	5290	91.64	-	-	83.44	32.96	13.03	37.79	329	26	A	V
		5350.32	55.85	-18.15	74	47.81	32.7	13.16	37.82	329	26	P	V
		5350.56	47.85	-6.15	54	39.81	32.7	13.16	37.82	329	26	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		10580	50.92	-17.28	68.2	34.78	38.74	19.13	41.73	-	-	P	H
		13314	53.45	-20.55	74	35.26	39.83	21.52	43.16	-	-	P	H
		13314	43.18	-10.82	54	24.99	39.83	21.52	43.16	-	-	A	H
		14499	53.06	-20.94	74	34.95	39.9	22.4	44.19	-	-	P	H
		14499	42.77	-11.23	54	24.66	39.9	22.4	44.19	-	-	A	H
		15870	49.84	-24.16	74	33.59	37.4	23.31	44.46	176	1	P	H
		15870	40.46	-13.54	54	24.21	37.4	23.31	44.46	176	1	A	H
		17934	55.88	-18.12	74	35.32	41.34	24.64	45.42	-	-	P	H
		17934	45.49	-8.51	54	24.93	41.34	24.64	45.42	-	-	A	H
		10580	50.14	-18.06	68.2	34	38.74	19.13	41.73	-	-	P	V
		13347	52.88	-21.12	74	34.6	39.89	21.55	43.16	-	-	P	V
		13347	42.5	-11.5	54	24.22	39.89	21.55	43.16	-	-	A	V
		14480	52.91	-21.09	74	34.83	39.88	22.39	44.19	-	-	P	V
		14480	42.67	-11.33	54	24.59	39.88	22.39	44.19	-	-	A	V
		15870	50.43	-23.57	74	34.18	37.4	23.31	44.46	251	151	P	V
		15870	40.37	-13.63	54	24.12	37.4	23.31	44.46	251	151	A	V
		17934	55.4	-18.6	74	34.84	41.34	24.64	45.42	-	-	P	V
		17934	45.17	-8.83	54	24.61	41.34	24.64	45.42	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 2 5250~5350MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5111.9	48.08	-25.92	74	40.03	33.1	12.68	37.73	253	302	P	H
		5082.2	41.46	-12.54	54	33.49	33.06	12.63	37.72	253	302	A	H
	*	5290	103.61	-	-	95.41	32.96	13.03	37.79	253	302	P	H
	*	5290	95.64	-	-	87.44	32.96	13.03	37.79	253	302	A	H
		5352.48	53.46	-20.54	74	45.41	32.71	13.16	37.82	253	302	P	H
		5353.92	47.41	-6.59	54	39.34	32.72	13.17	37.82	253	302	A	H
		5020.1	48.58	-25.42	74	40.71	33.06	12.51	37.7	255	310	P	V
		5049.8	40.93	-13.07	54	33.08	33	12.56	37.71	255	310	A	V
	*	5290	100.4	-	-	92.2	32.96	13.03	37.79	255	310	P	V
	*	5290	92.08	-	-	83.88	32.96	13.03	37.79	255	310	A	V
		5353.92	50.34	-23.66	74	42.27	32.72	13.17	37.82	255	310	P	V
		5355.36	43.01	-10.99	54	34.94	32.72	13.17	37.82	255	310	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5458.64	57.18	-16.82	74	48.78	32.92	13.34	37.86	250	298	P	H
		5463.28	58.05	-10.15	68.2	49.64	32.93	13.34	37.86	250	298	P	H
		5458.32	48.42	-5.58	54	40.01	32.92	13.34	37.85	250	298	A	H
	*	5500	114.98	-	-	106.46	33	13.39	37.87	250	298	P	H
	*	5500	107.72	-	-	99.2	33	13.39	37.87	250	298	A	H
		5445.68	52.44	-21.56	74	44.07	32.9	13.32	37.85	300	24	P	V
		5469.36	54.74	-13.46	68.2	46.31	32.94	13.35	37.86	300	24	P	V
		5459.92	43.74	-10.26	54	35.34	32.92	13.34	37.86	300	24	A	V
	*	5500	108.44	-	-	99.92	33	13.39	37.87	300	24	P	V
	*	5500	101.19	-	-	92.67	33	13.39	37.87	300	24	A	V
802.11a CH 116 5580MHz		5452.72	50.28	-23.72	74	41.89	32.91	13.33	37.85	241	268	P	H
		5462.8	51.18	-17.02	68.2	42.77	32.93	13.34	37.86	241	268	P	H
		5459.44	42.9	-11.1	54	34.5	32.92	13.34	37.86	241	268	A	H
	*	5580	114.76	-	-	106.08	33.08	13.49	37.89	241	268	P	H
	*	5580	106.49	-	-	97.81	33.08	13.49	37.89	241	268	A	H
		5741.06	51.15	-17.05	68.2	41.64	33.85	13.58	37.92	241	268	P	H
		5458.96	47.81	-26.19	74	39.41	32.92	13.34	37.86	374	338	P	V
		5467.6	49.09	-19.11	68.2	40.66	32.94	13.35	37.86	374	338	P	V
		5459.92	40.06	-13.94	54	31.66	32.92	13.34	37.86	374	338	A	V
	*	5580	110.18	-	-	101.5	33.08	13.49	37.89	374	338	P	V
	*	5580	103.27	-	-	94.59	33.08	13.49	37.89	374	338	A	V
		5764.055	48.58	-19.62	68.2	38.99	33.93	13.59	37.93	374	338	P	V

802.11a CH 140 5700MHz	*	5700	114.69	-	-	105.44	33.6	13.56	37.91	250	271	P	H
	*	5700	107.05	-	-	97.8	33.6	13.56	37.91	250	271	A	H
		5725.4	61.5	-6.7	68.2	52.1	33.75	13.57	37.92	250	271	P	H
	*	5700	109.9	-	-	100.65	33.6	13.56	37.91	391	68	P	V
	*	5700	102.68	-	-	93.43	33.6	13.56	37.91	391	68	A	V
		5725.48	55.72	-12.48	68.2	46.32	33.75	13.57	37.92	391	68	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	60.89	-13.11	74	44.3	38.7	19.55	41.66	192	2	P	H
		11000	50.88	-3.12	54	34.29	38.7	19.55	41.66	192	2	A	H
		13358	53.46	-20.54	74	35.14	39.92	21.56	43.16	-	-	P	H
		13358	43.17	-10.83	54	24.85	39.92	21.56	43.16	-	-	A	H
		14499	52.56	-21.44	74	34.45	39.9	22.4	44.19	-	-	P	H
		14499	42.25	-11.75	54	24.14	39.9	22.4	44.19	-	-	A	H
		16500	50.72	-17.48	68.2	33.18	38.2	23.72	44.38	-	-	P	H
		17945	55.15	-18.85	74	34.52	41.41	24.65	45.43	-	-	P	H
		17945	44.68	-9.32	54	24.05	41.41	24.65	45.43	-	-	A	H
		11000	58.67	-15.33	74	42.08	38.7	19.55	41.66	272	350	P	V
		11000	49.19	-4.81	54	32.6	38.7	19.55	41.66	272	350	A	V
		13402	52.48	-15.72	68.2	34.07	40	21.58	43.17	-	-	P	V
		13402	42.28	-11.72	54	23.87	40	21.58	43.17	-	-	A	V
		14499	52.75	-21.25	74	34.64	39.9	22.4	44.19	-	-	P	V
		14499	42.47	-11.53	54	24.36	39.9	22.4	44.19	-	-	A	V
		16500	50.69	-17.51	68.2	33.15	38.2	23.72	44.38	-	-	P	V
		17934	55.52	-18.48	74	34.96	41.34	24.64	45.42	-	-	P	V
		17934	45.17	-8.83	54	24.61	41.34	24.64	45.42	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	59.81	-14.19	74	43.35	38.76	19.68	41.98	204	1	P	H
		11160	49.29	-4.71	54	32.83	38.76	19.68	41.98	204	1	A	H
		13303	52.36	-21.64	74	34.19	39.81	21.51	43.15	-	-	P	H
		13303	42.06	-11.94	54	23.89	39.81	21.51	43.15	-	-	A	H
		14480	53.28	-20.72	74	35.2	39.88	22.39	44.19	-	-	P	H
		14480	42.81	-11.19	54	24.73	39.88	22.39	44.19	-	-	A	H
		16740	50.92	-17.28	68.2	33.22	38.22	23.88	44.4	-	-	P	H
		17956	54.95	-19.05	74	34.25	41.49	24.65	45.44	-	-	P	H
		17956	44.57	-9.43	54	23.87	41.49	24.65	45.44	-	-	A	H
		11160	59.1	-14.9	74	42.64	38.76	19.68	41.98	202	303	P	V
		11160	48.86	-5.14	54	32.4	38.76	19.68	41.98	203	303	A	V
		13314	52.21	-21.79	74	34.02	39.83	21.52	43.16	-	-	P	V
		13314	41.88	-12.12	54	23.69	39.83	21.52	43.16	-	-	A	V
		14499	52.55	-21.45	74	34.44	39.9	22.4	44.19	-	-	P	V
		14499	42.28	-11.72	54	24.17	39.9	22.4	44.19	-	-	A	V
		16740	51.86	-16.34	68.2	34.16	38.22	23.88	44.4	-	-	P	V
		18000	54.87	-19.13	74	33.86	41.8	24.68	45.47	-	-	P	V
		18000	44.62	-9.38	54	23.61	41.8	24.68	45.47	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		11400	58.72	-15.28	74	42.22	39.1	19.86	42.46	200	3	P	H
		11400	49.03	-4.97	54	32.53	39.1	19.86	42.46	200	2	A	H
		13303	52.3	-21.7	74	34.13	39.81	21.51	43.15	-	-	P	H
		13303	41.97	-12.03	54	23.8	39.81	21.51	43.15	-	-	A	H
		14499	52.38	-21.62	74	34.27	39.9	22.4	44.19	-	-	P	H
		14499	42.17	-11.83	54	24.06	39.9	22.4	44.19	-	-	A	H
		17100	50.83	-17.37	68.2	33.28	38	24.11	44.56	-	-	P	H
		17978	55	-19	74	34.13	41.65	24.67	45.45	-	-	P	H
		17978	44.65	-9.35	54	23.78	41.65	24.67	45.45	-	-	A	H
		11400	59.69	-14.31	74	43.19	39.1	19.86	42.46	205	27	P	V
		11400	49.18	-4.82	54	32.68	39.1	19.86	42.46	205	27	A	V
		13358	52.34	-21.66	74	34.02	39.92	21.56	43.16	-	-	P	V
		13358	42.11	-11.89	54	23.79	39.92	21.56	43.16	-	-	A	V
		14499	52.2	-21.8	74	34.09	39.9	22.4	44.19	-	-	P	V
		14499	41.82	-12.18	54	23.71	39.9	22.4	44.19	-	-	A	V
		17100	51.16	-17.04	68.2	33.61	38	24.11	44.56	-	-	P	V
		17934	55.12	-18.88	74	34.56	41.34	24.64	45.42	-	-	P	V
		17934	44.77	-9.23	54	24.21	41.34	24.64	45.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 - 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.8	59.77	-14.23	74	51.37	32.92	13.34	37.86	254	270	P	H
		5466.8	60.47	-7.73	68.2	52.05	32.93	13.35	37.86	254	270	P	H
		5460	49.42	-4.58	54	41.02	32.92	13.34	37.86	254	270	A	H
802.11ax	*	5500	114.45	-	-	105.93	33	13.39	37.87	254	270	P	H
HE20 Full	*	5500	105.8	-	-	97.28	33	13.39	37.87	254	270	A	H
CH 100		5455.6	55.13	-18.87	74	46.74	32.91	13.33	37.85	316	22	P	V
5500MHz		5469.68	55.5	-12.7	68.2	47.07	32.94	13.35	37.86	316	22	P	V
		5460	44.6	-9.4	54	36.2	32.92	13.34	37.86	316	22	A	V
	*	5500	109.32	-	-	100.8	33	13.39	37.87	316	22	P	V
	*	5500	101.68	-	-	93.16	33	13.39	37.87	316	22	A	V
		5451.04	52.84	-21.16	74	44.46	32.9	13.33	37.85	239	298	P	H
		5466.4	53.09	-15.11	68.2	44.67	32.93	13.35	37.86	239	298	P	H
		5456.56	43.8	-10.2	54	35.41	32.91	13.33	37.85	239	298	A	H
	*	5580	115.12	-	-	106.44	33.08	13.49	37.89	239	298	P	H
802.11ax	*	5580	106.29	-	-	97.61	33.08	13.49	37.89	239	298	A	H
HE20 Full		5747.675	50.35	-17.85	68.2	40.8	33.89	13.58	37.92	239	298	P	H
CH 116		5452	48.78	-25.22	74	40.4	32.9	13.33	37.85	372	338	P	V
5580MHz		5462.8	49.11	-19.09	68.2	40.7	32.93	13.34	37.86	372	338	P	V
		5459.68	40.3	-13.7	54	31.9	32.92	13.34	37.86	372	338	A	V
	*	5580	110.17	-	-	101.49	33.08	13.49	37.89	372	338	P	V
	*	5580	101.71	-	-	93.03	33.08	13.49	37.89	372	338	A	V
		5756.495	47.08	-21.12	68.2	37.52	33.91	13.58	37.93	372	338	P	V

802.11ax HE20 Full CH 140 5700MHz	*	5700	114.77	-	-	105.52	33.6	13.56	37.91	250	272	P	H
	*	5700	107.11	-	-	97.86	33.6	13.56	37.91	250	272	A	H
		5725.16	64.45	-3.75	68.2	55.05	33.75	13.57	37.92	250	272	P	H
	*	5700	111.37	-	-	102.12	33.6	13.56	37.91	349	65	P	V
	*	5700	102.31	-	-	93.06	33.6	13.56	37.91	349	65	A	V
		5725.72	59.5	-8.7	68.2	50.1	33.75	13.57	37.92	349	65	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		11000	59.59	-14.41	74	43	38.7	19.55	41.66	196	3	P	H
		11000	50.41	-3.59	54	33.82	38.7	19.55	41.66	196	3	A	H
		13399	52.64	-21.36	74	34.23	40	21.58	43.17	-	-	P	H
		13399	42.28	-11.72	54	23.87	40	21.58	43.17	-	-	A	H
		14499	53.2	-20.8	74	35.09	39.9	22.4	44.19	-	-	P	H
		14499	42.69	-11.31	54	24.58	39.9	22.4	44.19	-	-	A	H
		16500	51.74	-16.46	68.2	34.2	38.2	23.72	44.38	-	-	P	H
		17923	55.68	-18.32	74	35.2	41.26	24.63	45.41	-	-	P	H
		17923	45.18	-8.82	54	24.7	41.26	24.63	45.41	-	-	A	H
		11000	58.8	-15.2	74	42.21	38.7	19.55	41.66	272	348	P	V
		11000	49.06	-4.94	54	32.47	38.7	19.55	41.66	272	348	A	V
		13336	52.34	-21.66	74	34.09	39.87	21.54	43.16	-	-	P	V
		13336	42.07	-11.93	54	23.82	39.87	21.54	43.16	-	-	A	V
		14491	53.17	-20.83	74	35.07	39.89	22.4	44.19	-	-	P	V
		14491	42.66	-11.34	54	24.56	39.89	22.4	44.19	-	-	A	V
		16500	50.6	-17.6	68.2	33.06	38.2	23.72	44.38	-	-	P	V
		17989	55.17	-18.83	74	34.24	41.72	24.67	45.46	-	-	P	V
		17989	44.55	-9.45	54	23.62	41.72	24.67	45.46	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	57.42	-16.58	74	40.96	38.76	19.68	41.98	200	3	P	H
		11160	48.73	-5.27	54	32.27	38.76	19.68	41.98	200	3	A	H
		13325	52.65	-21.35	74	34.43	39.85	21.53	43.16	-	-	P	H
		13325	42.17	-11.83	54	23.95	39.85	21.53	43.16	-	-	A	H
		14499	53.08	-20.92	74	34.97	39.9	22.4	44.19	-	-	P	H
		14499	42.53	-11.47	54	24.42	39.9	22.4	44.19	-	-	A	H
		16740	51.07	-17.13	68.2	33.37	38.22	23.88	44.4	-	-	P	H
802.11ax		17956	56.18	-17.82	74	35.48	41.49	24.65	45.44	-	-	P	H
HE20 Full		17956	45.6	-8.4	54	24.9	41.49	24.65	45.44	-	-	A	H
CH 116		11160	56.81	-17.19	74	40.35	38.76	19.68	41.98	305	350	P	V
5580MHz		11160	47.98	-6.02	54	31.52	38.76	19.68	41.98	305	350	A	V
		13259	53.22	-20.78	74	35.14	39.76	21.47	43.15	-	-	P	V
		13259	42.74	-11.26	54	24.66	39.76	21.47	43.15	-	-	A	V
		14499	54.17	-19.83	74	36.06	39.9	22.4	44.19	-	-	P	V
		14499	43.56	-10.44	54	25.45	39.9	22.4	44.19	-	-	A	V
		16740	51.67	-16.53	68.2	33.97	38.22	23.88	44.4	-	-	P	V
		18000	55.46	-18.54	74	34.45	41.8	24.68	45.47	-	-	P	V
		18000	45.69	-8.31	54	24.68	41.8	24.68	45.47	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	57.44	-16.56	74	40.94	39.1	19.86	42.46	195	1	P	H
		11400	48.15	-5.85	54	31.65	39.1	19.86	42.46	195	1	A	H
		13336	53.56	-20.44	74	35.31	39.87	21.54	43.16	-	-	P	H
		13336	43.24	-10.76	54	24.99	39.87	21.54	43.16	-	-	A	H
		14499	52.46	-21.54	74	34.35	39.9	22.4	44.19	-	-	P	H
		14499	42.16	-11.84	54	24.05	39.9	22.4	44.19	-	-	A	H
		17100	50.97	-17.23	68.2	33.42	38	24.11	44.56	-	-	P	H
802.11ax		17956	55.23	-18.77	74	34.53	41.49	24.65	45.44	-	-	P	H
HE20 Full		17956	44.85	-9.15	54	24.15	41.49	24.65	45.44	-	-	A	H
CH 140		11400	58.27	-15.73	74	41.77	39.1	19.86	42.46	200	70	P	V
5700MHz		11400	48.68	-5.32	54	32.18	39.1	19.86	42.46	200	70	A	V
		13303	52.59	-21.41	74	34.42	39.81	21.51	43.15	-	-	P	V
		13303	42.21	-11.79	54	24.04	39.81	21.51	43.15	-	-	A	V
		14499	52.72	-21.28	74	34.61	39.9	22.4	44.19	-	-	P	V
		14499	42.29	-11.71	54	24.18	39.9	22.4	44.19	-	-	A	V
		17100	50.36	-17.84	68.2	32.81	38	24.11	44.56	-	-	P	V
		17989	55.04	-18.96	74	34.11	41.72	24.67	45.46	-	-	P	V
		17989	44.59	-9.41	54	23.66	41.72	24.67	45.46	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5442.8	55.96	-18.04	74	47.59	32.9	13.32	37.85	256	274	P	H
		5469.2	51.41	-16.79	68.2	42.98	32.94	13.35	37.86	256	274	P	H
		5441.84	44.52	-9.48	54	36.16	32.9	13.31	37.85	256	274	A	H
	*	5500	112.02	-	-	103.5	33	13.39	37.87	256	274	P	H
	*	5500	104.07	-	-	95.55	33	13.39	37.87	256	274	A	H
		5443.6	49.26	-24.74	74	40.89	32.9	13.32	37.85	266	39	P	V
		5461.68	49.03	-19.17	68.2	40.63	32.92	13.34	37.86	266	39	P	V
		5440.08	40.55	-13.45	54	32.19	32.9	13.31	37.85	266	39	A	V
	*	5500	106.09	-	-	97.57	33	13.39	37.87	266	39	P	V
	*	5500	98.98	-	-	90.46	33	13.39	37.87	266	39	A	V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	114.54	-	-	105.29	33.6	13.56	37.91	251	265	P	H
	*	5700	106.32	-	-	97.07	33.6	13.56	37.91	251	265	A	H
		5726.2	59.44	-8.76	68.2	50.03	33.76	13.57	37.92	251	265	P	H
	*	5700	107.72	-	-	98.47	33.6	13.56	37.91	316	8	P	V
	*	5700	98.31	-	-	89.06	33.6	13.56	37.91	316	8	A	V
		5725.16	52.76	-15.44	68.2	43.36	33.75	13.57	37.92	316	8	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5436.88	55.68	-18.32	74	47.32	32.9	13.31	37.85	249	263	P	H
		5468.4	54.62	-13.58	68.2	46.19	32.94	13.35	37.86	249	263	P	H
802.11ax		5449.04	46.55	-7.45	54	38.18	32.9	13.32	37.85	249	263	A	H
HE20	*	5500	113.99	-	-	105.47	33	13.39	37.87	249	263	P	H
Partial	*	5500	105.84	-	-	97.32	33	13.39	37.87	249	263	A	H
52/37		5446.96	49.69	-24.31	74	41.32	32.9	13.32	37.85	334	29	P	V
CH 100		5469.84	50.89	-17.31	68.2	42.46	32.94	13.35	37.86	334	29	P	V
5500MHz		5450.16	42.92	-11.08	54	34.54	32.9	13.33	37.85	334	29	A	V
	*	5500	108.27	-	-	99.75	33	13.39	37.87	334	29	P	V
	*	5500	99.92	-	-	91.4	33	13.39	37.87	334	29	A	V
802.11ax	*	5700	114.72	-	-	105.47	33.6	13.56	37.91	247	272	P	H
HE20	*	5700	107.26	-	-	98.01	33.6	13.56	37.91	247	272	A	H
Partial		5725.96	58.15	-10.05	68.2	48.74	33.76	13.57	37.92	247	272	P	H
52/40	*	5700	109.11	-	-	99.86	33.6	13.56	37.91	390	61	P	V
CH 140	*	5700	101.58	-	-	92.33	33.6	13.56	37.91	390	61	A	V
5700MHz		5725.48	53.46	-14.74	68.2	44.06	33.75	13.57	37.92	390	61	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5452.4	55.55	-18.45	74	47.17	32.9	13.33	37.85	254	280	P	H
		5468.72	56.78	-11.42	68.2	48.35	32.94	13.35	37.86	254	280	P	H
802.11ax		5458.48	48.59	-5.41	54	40.19	32.92	13.34	37.86	254	280	A	H
HE20	*	5500	111.14	-	-	102.62	33	13.39	37.87	254	280	P	H
Partial	*	5500	105.51	-	-	96.99	33	13.39	37.87	254	280	A	H
106/53		5458.96	50.67	-23.33	74	42.27	32.92	13.34	37.86	273	26	P	V
CH 100		5463.28	51.42	-16.78	68.2	43.01	32.93	13.34	37.86	273	26	P	V
5500MHz		5453.68	43.98	-10.02	54	35.59	32.91	13.33	37.85	273	26	A	V
	*	5500	108.36	-	-	99.84	33	13.39	37.87	273	26	P	V
	*	5500	100.16	-	-	91.64	33	13.39	37.87	273	26	A	V
802.11ax	*	5700	114.24	-	-	104.99	33.6	13.56	37.91	249	270	P	H
HE20	*	5700	106.43	-	-	97.18	33.6	13.56	37.91	249	270	A	H
Partial		5725.88	58.99	-9.21	68.2	49.58	33.76	13.57	37.92	249	270	P	H
106/54	*	5700	108.87	-	-	99.62	33.6	13.56	37.91	390	61	P	V
CH 140	*	5700	101.26	-	-	92.01	33.6	13.56	37.91	390	61	A	V
5700MHz		5725.88	53.57	-14.63	68.2	44.16	33.76	13.57	37.92	390	61	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 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5453.44	63.13	-10.87	74	54.74	32.91	13.33	37.85	239	295	P	H
		5464.96	60.76	-7.44	68.2	52.35	32.93	13.34	37.86	239	295	P	H
		5458.96	50.45	-3.55	54	42.05	32.92	13.34	37.86	239	295	A	H
	*	5510	113.68	-	-	105.17	32.98	13.4	37.87	239	295	P	H
802.11ax	*	5510	104.83	-	-	96.32	32.98	13.4	37.87	239	295	A	H
HE40 Full		5745.785	49.69	-18.51	68.2	40.16	33.87	13.58	37.92	239	295	P	H
CH 102		5458	56.43	-17.57	74	48.02	32.92	13.34	37.85	338	22	P	V
5510MHz		5469.04	57.77	-10.43	68.2	49.34	32.94	13.35	37.86	338	22	P	V
		5458.96	45.47	-8.53	54	37.07	32.92	13.34	37.86	338	22	A	V
	*	5510	107.19	-	-	98.68	32.98	13.4	37.87	338	22	P	V
	*	5510	98.21	-	-	89.7	32.98	13.4	37.87	338	22	A	V
		5751.77	48.18	-20.02	68.2	38.63	33.9	13.58	37.93	338	22	P	V
		5457.28	56.03	-17.97	74	47.64	32.91	13.33	37.85	251	270	P	H
		5460.4	57.06	-11.14	68.2	48.66	32.92	13.34	37.86	251	270	P	H
		5459.92	46.73	-7.27	54	38.33	32.92	13.34	37.86	251	270	A	H
	*	5550	113.48	-	-	105.01	32.9	13.45	37.88	251	270	P	H
802.11ax	*	5550	104	-	-	95.53	32.9	13.45	37.88	251	270	A	H
HE40 Full		5727.83	51.2	-17	68.2	41.78	33.77	13.57	37.92	251	270	P	H
CH 110		5456.8	52.25	-21.75	74	43.86	32.91	13.33	37.85	387	63	P	V
5550MHz		5469.04	52.48	-15.72	68.2	44.05	32.94	13.35	37.86	387	63	P	V
		5459.68	42.8	-11.2	54	34.4	32.92	13.34	37.86	387	63	A	V
	*	5550	108.36	-	-	99.89	32.9	13.45	37.88	387	63	P	V
	*	5550	99.71	-	-	91.24	32.9	13.45	37.88	387	63	A	V
		5745.785	48.99	-19.21	68.2	39.46	33.87	13.58	37.92	387	63	P	V

		5441.35	50.05	-23.95	74	41.69	32.9	13.31	37.85	247	269	P	H
		5466.55	48.91	-19.29	68.2	40.49	32.93	13.35	37.86	247	269	P	H
		5454.65	39.54	-14.46	54	31.15	32.91	13.33	37.85	247	269	A	H
	*	5670	112.92	-	-	103.92	33.36	13.55	37.91	247	269	P	H
802.11ax	*	5670	104.72	-	-	95.72	33.36	13.55	37.91	247	269	A	H
HE40 Full		5728.25	62.39	-5.81	68.2	52.97	33.77	13.57	37.92	247	269	P	H
CH 134		5457.8	45.88	-28.12	74	37.47	32.92	13.34	37.85	383	65	P	V
5670MHz		5467.95	45.3	-22.9	68.2	36.87	32.94	13.35	37.86	383	65	P	V
		5457.1	37.92	-16.08	54	29.53	32.91	13.33	37.85	383	65	A	V
	*	5670	108.1	-	-	99.1	33.36	13.55	37.91	383	65	P	V
	*	5670	99.35	-	-	90.35	33.36	13.55	37.91	383	65	A	V
		5725.625	55.19	-13.01	68.2	45.79	33.75	13.57	37.92	383	65	P	V

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

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	56.75	-17.25	74	40.18	38.7	19.57	41.7	200	1	P	H
		11020	47.32	-6.68	54	30.75	38.7	19.57	41.7	200	1	A	H
		13391	53.29	-20.71	74	34.91	39.98	21.57	43.17	-	-	P	H
		13391	42.74	-11.26	54	24.36	39.98	21.57	43.17	-	-	A	H
		14499	52.77	-21.23	74	34.66	39.9	22.4	44.19	-	-	P	H
		14499	42.36	-11.64	54	24.25	39.9	22.4	44.19	-	-	A	H
		16530	50.62	-17.58	68.2	33.09	38.17	23.74	44.38	-	-	P	H
802.11ax		17989	54.88	-19.12	74	33.95	41.72	24.67	45.46	-	-	P	H
HE40 Full		17989	44.33	-9.67	54	23.4	41.72	24.67	45.46	-	-	A	H
CH 102		11020	54.65	-19.35	74	38.08	38.7	19.57	41.7	200	306	P	V
5510MHz		11020	45.85	-8.15	54	29.28	38.7	19.57	41.7	200	306	A	V
		13251	53.03	-20.97	74	34.96	39.75	21.47	43.15	-	-	P	V
		13251	42.49	-11.51	54	24.42	39.75	21.47	43.15	-	-	A	V
		14480	52.39	-21.61	74	34.31	39.88	22.39	44.19	-	-	P	V
		14480	41.85	-12.15	54	23.77	39.88	22.39	44.19	-	-	A	V
		16530	50.94	-17.26	68.2	33.41	38.17	23.74	44.38	-	-	P	V
		17978	55.03	-18.97	74	34.16	41.65	24.67	45.45	-	-	P	V
		17978	44.48	-9.52	54	23.61	41.65	24.67	45.45	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	56.85	-17.15	74	40.38	38.7	19.63	41.86	200	21	P	H
		11100	46.54	-7.46	54	30.07	38.7	19.63	41.86	200	21	A	H
		13391	52.74	-21.26	74	34.36	39.98	21.57	43.17	-	-	P	H
		13391	42.22	-11.78	54	23.84	39.98	21.57	43.17	-	-	A	H
		14499	52.07	-21.93	74	33.96	39.9	22.4	44.19	-	-	P	H
		14499	41.61	-12.39	54	23.5	39.9	22.4	44.19	-	-	A	H
		16650	51.06	-17.14	68.2	33.43	38.2	23.82	44.39	-	-	P	H
802.11ax		17989	55.57	-18.43	74	34.64	41.72	24.67	45.46	-	-	P	H
HE40 Full		17989	45.1	-8.9	54	24.17	41.72	24.67	45.46	-	-	A	H
CH 110		11100	55.86	-18.14	74	39.39	38.7	19.63	41.86	195	306	P	V
5550MHz		11100	45.78	-8.22	54	29.31	38.7	19.63	41.86	195	306	A	V
		13270	53.39	-20.61	74	35.29	39.77	21.48	43.15	-	-	P	V
		13270	42.74	-11.26	54	24.64	39.77	21.48	43.15	-	-	A	V
		14491	52.7	-21.3	74	34.6	39.89	22.4	44.19	-	-	P	V
		14491	42.17	-11.83	54	24.07	39.89	22.4	44.19	-	-	A	V
		16650	50.01	-18.19	68.2	32.38	38.2	23.82	44.39	-	-	P	V
		17967	54.85	-19.15	74	34.07	41.57	24.66	45.45	-	-	P	V
		17967	44.28	-9.72	54	23.5	41.57	24.66	45.45	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11340	54.52	-19.48	74	38.06	38.98	19.82	42.34	200	5	P	H
		11340	45.3	-8.7	54	28.84	38.98	19.82	42.34	200	5	A	H
		13347	52.93	-21.07	74	34.65	39.89	21.55	43.16	-	-	P	H
		13347	42.4	-11.6	54	24.12	39.89	21.55	43.16	-	-	A	H
		14499	53.14	-20.86	74	35.03	39.9	22.4	44.19	-	-	P	H
		14499	42.62	-11.38	54	24.51	39.9	22.4	44.19	-	-	A	H
		17010	51.37	-16.83	68.2	33.65	38.09	24.06	44.43	-	-	P	H
802.11ax		17934	54.85	-19.15	74	34.29	41.34	24.64	45.42	-	-	P	H
HE40 Full		17934	44.28	-9.72	54	23.72	41.34	24.64	45.42	-	-	A	H
CH 134		11340	54.38	-19.62	74	37.92	38.98	19.82	42.34	191	26	P	V
5670MHz		11340	45.79	-8.21	54	29.33	38.98	19.82	42.34	191	26	A	V
		13281	52.84	-21.16	74	34.72	39.78	21.49	43.15	-	-	P	V
		13281	42.31	-11.69	54	24.19	39.78	21.49	43.15	-	-	A	V
		14491	53.37	-20.63	74	35.27	39.89	22.4	44.19	-	-	P	V
		14491	42.68	-11.32	54	24.58	39.89	22.4	44.19	-	-	A	V
		17010	50.8	-17.4	68.2	33.08	38.09	24.06	44.43	-	-	P	V
		17934	54.98	-19.02	74	34.42	41.34	24.64	45.42	-	-	P	V
		17934	44.45	-9.55	54	23.89	41.34	24.64	45.42	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 102 5510MHz		5458	57.01	-16.99	74	48.6	32.92	13.34	37.85	252	265	P	H
		5470	59.63	-8.57	68.2	51.2	32.94	13.35	37.86	252	265	P	H
		5458	50.37	-3.63	54	41.96	32.92	13.34	37.85	252	265	A	H
	*	5510	112.98	-	-	104.47	32.98	13.4	37.87	252	265	P	H
	*	5510	104.38	-	-	95.87	32.98	13.4	37.87	252	265	A	H
		5756.81	49.08	-19.12	68.2	39.52	33.91	13.58	37.93	252	265	P	H
		5459.2	52.39	-21.61	74	43.99	32.92	13.34	37.86	343	28	P	V
		5468.8	53.91	-14.29	68.2	45.48	32.94	13.35	37.86	343	28	P	V
		5458.24	45.79	-8.21	54	37.38	32.92	13.34	37.85	343	28	A	V
	*	5510	107.39	-	-	98.88	32.98	13.4	37.87	343	28	P	V
	*	5510	99.43	-	-	90.92	32.98	13.4	37.87	343	28	A	V
		5763.425	47.63	-20.57	68.2	38.04	33.93	13.59	37.93	343	28	P	V
802.11ax HE40 Partial 242/62 CH 134 5670MHz		5451.85	48.94	-25.06	74	40.56	32.9	13.33	37.85	250	280	P	H
		5469	48.73	-19.47	68.2	40.3	32.94	13.35	37.86	250	280	P	H
		5455	41.98	-12.02	54	33.59	32.91	13.33	37.85	250	280	A	H
	*	5670	113.68	-	-	104.68	33.36	13.55	37.91	250	280	P	H
	*	5670	103.51	-	-	94.51	33.36	13.55	37.91	250	280	A	H
		5727.55	57.05	-11.15	68.2	47.63	33.77	13.57	37.92	250	280	P	H
		5366.1	46.9	-27.1	74	38.77	32.76	13.19	37.82	344	67	P	V
		5464.8	46.67	-21.53	68.2	38.26	32.93	13.34	37.86	344	67	P	V
		5447.65	39.98	-14.02	54	31.61	32.9	13.32	37.85	344	67	A	V
	*	5670	107.29	-	-	98.29	33.36	13.55	37.91	344	67	P	V
	*	5670	99.26	-	-	90.26	33.36	13.55	37.91	344	67	A	V
		5736.3	53.01	-15.19	68.2	43.54	33.82	13.57	37.92	344	67	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5452	59.07	-14.93	74	50.69	32.9	13.33	37.85	252	298	P	H
		5465.92	58.95	-9.25	68.2	50.53	32.93	13.35	37.86	252	298	P	H
		5457.52	51.28	-2.72	54	42.88	32.92	13.33	37.85	252	298	A	H
	*	5530	109.1	-	-	100.61	32.94	13.43	37.88	252	298	P	H
802.11ax	*	5530	100.77	-	-	92.28	32.94	13.43	37.88	252	298	A	H
HE80 Full		5735.075	49.05	-19.15	68.2	39.59	33.81	13.57	37.92	252	298	P	H
CH 106		5457.04	54.14	-19.86	74	45.75	32.91	13.33	37.85	296	16	P	V
5530MHz		5469.04	56.52	-11.68	68.2	48.09	32.94	13.35	37.86	296	16	P	V
		5457.28	46.68	-7.32	54	38.29	32.91	13.33	37.85	296	16	A	V
	*	5530	103.55	-	-	95.06	32.94	13.43	37.88	296	16	P	V
	*	5530	95.35	-	-	86.86	32.94	13.43	37.88	296	16	A	V
		5752.715	46.67	-21.53	68.2	37.11	33.91	13.58	37.93	296	16	P	V
		5457.1	56.41	-17.59	74	48.02	32.91	13.33	37.85	250	300	P	H
		5467.95	56.17	-12.03	68.2	47.74	32.94	13.35	37.86	250	300	P	H
		5459.2	46.61	-7.39	54	38.21	32.92	13.34	37.86	250	300	A	H
	*	5610	110.34	-	-	101.51	33.2	13.52	37.89	250	300	P	H
802.11ax	*	5610	101.67	-	-	92.84	33.2	13.52	37.89	250	300	A	H
HE80 Full		5734.2	56.97	-11.23	68.2	47.51	33.81	13.57	37.92	250	300	P	H
CH 122		5447.3	50.37	-23.63	74	42	32.9	13.32	37.85	388	47	P	V
5610MHz		5462.7	50.59	-17.61	68.2	42.18	32.93	13.34	37.86	388	47	P	V
		5459.9	41.21	-12.79	54	32.81	32.92	13.34	37.86	388	47	A	V
	*	5610	107.03	-	-	98.2	33.2	13.52	37.89	388	47	P	V
	*	5610	98.15	-	-	89.32	33.2	13.52	37.89	388	47	A	V
		5756.95	53.83	-14.37	68.2	44.27	33.91	13.58	37.93	388	47	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		11060	53.89	-20.11	74	37.38	38.7	19.59	41.78	200	40	P	H
		11060	44.23	-9.77	54	27.72	38.7	19.59	41.78	200	40	A	H
		13358	52.33	-21.67	74	34.01	39.92	21.56	43.16	-	-	P	H
		13358	41.84	-12.16	54	23.52	39.92	21.56	43.16	-	-	A	H
		14480	53.19	-20.81	74	35.11	39.88	22.39	44.19	-	-	P	H
		14480	42.56	-11.44	54	24.48	39.88	22.39	44.19	-	-	A	H
		16590	50.67	-17.53	68.2	33.17	38.11	23.78	44.39	-	-	P	H
		17945	54.68	-19.32	74	34.05	41.41	24.65	45.43	-	-	P	H
		17945	44.18	-9.82	54	23.55	41.41	24.65	45.43	-	-	A	H
		11060	52.56	-21.44	74	36.05	38.7	19.59	41.78	189	306	P	V
		11060	43.45	-10.55	54	26.94	38.7	19.59	41.78	189	306	A	V
		13336	53.05	-20.95	74	34.8	39.87	21.54	43.16	-	-	P	V
		13336	42.17	-11.83	54	23.92	39.87	21.54	43.16	-	-	A	V
		14491	53.44	-20.56	74	35.34	39.89	22.4	44.19	-	-	P	V
		14491	42.95	-11.05	54	24.85	39.89	22.4	44.19	-	-	A	V
		16590	51.39	-16.81	68.2	33.89	38.11	23.78	44.39	-	-	P	V
		17956	54.63	-19.37	74	33.93	41.49	24.65	45.44	-	-	P	V
		17956	44.19	-9.81	54	23.49	41.49	24.65	45.44	-	-	A	V

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11220	54.66	-19.34	74	38.22	38.82	19.72	42.1	200	21	P	H
		11220	44.72	-9.28	54	28.28	38.82	19.72	42.1	200	21	A	H
		13358	52.57	-21.43	74	34.25	39.92	21.56	43.16	-	-	P	H
		13358	42.17	-11.83	54	23.85	39.92	21.56	43.16	-	-	A	H
		14499	52.47	-21.53	74	34.36	39.9	22.4	44.19	-	-	P	H
		14499	41.89	-12.11	54	23.78	39.9	22.4	44.19	-	-	A	H
		16830	50.36	-17.84	68.2	32.82	38.01	23.94	44.41	-	-	P	H
802.11ax		17967	55.24	-18.76	74	34.46	41.57	24.66	45.45	-	-	P	H
HE80 Full		17967	44.76	-9.24	54	23.98	41.57	24.66	45.45	-	-	A	H
CH 122		11220	53.73	-20.27	74	37.29	38.82	19.72	42.1	182	21	P	V
5610MHz		11220	44.1	-9.9	54	27.66	38.82	19.72	42.1	182	21	A	V
		13369	52.85	-21.15	74	34.51	39.94	21.57	43.17	-	-	P	V
		13369	42.28	-11.72	54	23.94	39.94	21.57	43.17	-	-	A	V
		14491	52.48	-21.52	74	34.38	39.89	22.4	44.19	-	-	P	V
		14491	41.93	-12.07	54	23.83	39.89	22.4	44.19	-	-	A	V
		16830	50.93	-17.27	68.2	33.39	38.01	23.94	44.41	-	-	P	V
		17923	55.26	-18.74	74	34.78	41.26	24.63	45.41	-	-	P	V
		17923	44.71	-9.29	54	24.23	41.26	24.63	45.41	-	-	A	V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Band 3 5470~5725MHz

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.72	58.35	-15.65	74	49.95	32.92	13.34	37.86	244	289	P	H
		5465.68	57.28	-10.92	68.2	48.86	32.93	13.35	37.86	244	289	P	H
		5457.28	50.12	-3.88	54	41.73	32.91	13.33	37.85	244	289	A	H
802.11ax	*	5530	110.1	-	-	101.61	32.94	13.43	37.88	244	289	P	H
HE80	*	5530	100.3	-	-	91.81	32.94	13.43	37.88	244	289	A	H
Partial		5725	47.97	-20.23	68.2	38.57	33.75	13.57	37.92	244	289	P	H
484/65		5459.2	50.85	-23.15	74	42.45	32.92	13.34	37.86	399	53	P	V
CH 106		5468.56	51.06	-17.14	68.2	42.63	32.94	13.35	37.86	399	53	P	V
5530MHz		5458.48	44.15	-9.85	54	35.75	32.92	13.34	37.86	399	53	A	V
	*	5530	102.97	-	-	94.48	32.94	13.43	37.88	399	53	P	V
	*	5530	94.47	-	-	85.98	32.94	13.43	37.88	399	53	A	V
		5738.225	47.63	-20.57	68.2	38.14	33.83	13.58	37.92	399	53	P	V
		5453.95	52.2	-21.8	74	43.81	32.91	13.33	37.85	263	270	P	H
		5467.6	52.39	-15.81	68.2	43.96	32.94	13.35	37.86	263	270	P	H
		5459.55	44.89	-9.11	54	36.49	32.92	13.34	37.86	263	270	A	H
802.11ax	*	5610	110.47	-	-	101.64	33.2	13.52	37.89	263	270	P	H
HE80	*	5610	101.25	-	-	92.42	33.2	13.52	37.89	263	270	A	H
Partial		5728.25	53.78	-14.42	68.2	44.36	33.77	13.57	37.92	263	270	P	H
484/66		5451.15	47.92	-26.08	74	39.54	32.9	13.33	37.85	343	64	P	V
CH 122		5461.3	48.04	-20.16	68.2	39.64	32.92	13.34	37.86	343	64	P	V
5610MHz		5457.1	41.53	-12.47	54	33.14	32.91	13.33	37.85	343	64	A	V
	*	5610	106.1	-	-	97.27	33.2	13.52	37.89	343	64	P	V
	*	5610	97.48	-	-	88.65	33.2	13.52	37.89	343	64	A	V
		5739.1	50.37	-17.83	68.2	40.88	33.83	13.58	37.92	343	64	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5456.08	49.6	-24.4	74	41.21	32.91	13.33	37.85	253	267	P	H
		5462.32	47.76	-20.44	68.2	39.36	32.92	13.34	37.86	253	267	P	H
		5458.81	39.51	-14.49	54	31.11	32.92	13.34	37.86	253	267	A	H
	*	5720	115.64	-	-	106.27	33.72	13.57	37.92	253	267	P	H
	*	5720	107.63	-	-	98.26	33.72	13.57	37.92	253	267	A	H
		5856.25	53.19	-15.01	68.2	43.34	34.11	13.69	37.95	253	267	P	H
		5448.67	46.53	-27.47	74	38.16	32.9	13.32	37.85	390	63	P	V
		5468.56	47.12	-21.08	68.2	38.69	32.94	13.35	37.86	390	63	P	V
		5457.64	37.57	-16.43	54	29.17	32.92	13.33	37.85	390	63	A	V
	*	5720	111.01	-	-	101.64	33.72	13.57	37.92	390	63	P	V
	*	5720	103.31	-	-	93.94	33.72	13.57	37.92	390	63	A	V
		5874	49.19	-19.01	68.2	39.27	34.15	13.72	37.95	390	63	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	57.41	-16.59	74	41.04	39.02	19.89	42.54	200	1	P	H
		11440	47.56	-6.44	54	31.19	39.02	19.89	42.54	200	1	A	H
		13369	52.66	-21.34	74	34.32	39.94	21.57	43.17	-	-	P	H
		13369	42.32	-11.68	54	23.98	39.94	21.57	43.17	-	-	A	H
		14499	52.97	-21.03	74	34.86	39.9	22.4	44.19	-	-	P	H
		14499	42.58	-11.42	54	24.47	39.9	22.4	44.19	-	-	A	H
		17160	51.58	-16.62	68.2	34.07	38	24.15	44.64	-	-	P	H
		17879	55.61	-18.39	74	35.48	40.91	24.6	45.38	-	-	P	H
		17879	45.27	-8.73	54	25.14	40.91	24.6	45.38	-	-	A	H
		11440	59.14	-14.86	74	42.77	39.02	19.89	42.54	195	74	P	V
		11440	49.37	-4.63	54	33	39.02	19.89	42.54	195	74	A	V
		13314	52.64	-21.36	74	34.45	39.83	21.52	43.16	-	-	P	V
		13314	42.34	-11.66	54	24.15	39.83	21.52	43.16	-	-	A	V
		14499	52.47	-21.53	74	34.36	39.9	22.4	44.19	-	-	P	V
		14499	42.19	-11.81	54	24.08	39.9	22.4	44.19	-	-	A	V
		17160	50.55	-17.65	68.2	33.04	38	24.15	44.64	-	-	P	V
		17890	55.34	-18.66	74	35.11	41.01	24.61	45.39	-	-	P	V
		17890	44.8	-9.2	54	24.57	41.01	24.61	45.39	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 3 - Straddle Channel

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5448.28	48.66	-25.34	74	40.29	32.9	13.32	37.85	250	266	P	H
		5462.32	49.19	-19.01	68.2	40.79	32.92	13.34	37.86	250	266	P	H
		5459.98	39.18	-14.82	54	30.78	32.92	13.34	37.86	250	266	A	H
	*	5720	116.63	-	-	107.26	33.72	13.57	37.92	250	266	P	H
	*	5720	107.05	-	-	97.68	33.72	13.57	37.92	250	266	A	H
		5860.25	53.57	-14.63	68.2	43.7	34.12	13.7	37.95	250	266	P	H
		5459.2	47.54	-26.46	74	39.14	32.92	13.34	37.86	390	63	P	V
		5463.88	46.6	-21.6	68.2	38.19	32.93	13.34	37.86	390	63	P	V
		5459.59	37.63	-16.37	54	29.23	32.92	13.34	37.86	390	63	A	V
	*	5720	112.25	-	-	102.88	33.72	13.57	37.92	390	63	P	V
	*	5720	102.31	-	-	92.94	33.72	13.57	37.92	390	63	A	V
		5855.75	51.06	-17.14	68.2	41.21	34.11	13.69	37.95	390	63	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		11440	56.37	-17.63	74	40	39.02	19.89	42.54	200	1	P	H
		11440	46.52	-7.48	54	30.15	39.02	19.89	42.54	200	1	A	H
		13303	52.31	-21.69	74	34.14	39.81	21.51	43.15	-	-	P	H
		13303	41.76	-12.24	54	23.59	39.81	21.51	43.15	-	-	A	H
		14499	52.81	-21.19	74	34.7	39.9	22.4	44.19	-	-	P	H
		14499	42.34	-11.66	54	24.23	39.9	22.4	44.19	-	-	A	H
		17160	50.9	-17.3	68.2	33.39	38	24.15	44.64	-	-	P	H
		17934	56.03	-17.97	74	35.47	41.34	24.64	45.42	-	-	P	H
		17934	45.48	-8.52	54	24.92	41.34	24.64	45.42	-	-	A	H
		11440	58.57	-15.43	74	42.2	39.02	19.89	42.54	191	75	P	V
		11440	48.76	-5.24	54	32.39	39.02	19.89	42.54	191	75	A	V
		13347	52.24	-21.76	74	33.96	39.89	21.55	43.16	-	-	P	V
		13347	41.68	-12.32	54	23.4	39.89	21.55	43.16	-	-	A	V
		14491	53.09	-20.91	74	34.99	39.89	22.4	44.19	-	-	P	V
		14491	42.49	-11.51	54	24.39	39.89	22.4	44.19	-	-	A	V
		17160	51.11	-17.09	68.2	33.6	38	24.15	44.64	-	-	P	V
		17901	56.39	-17.61	74	36.06	41.11	24.62	45.4	-	-	P	V
		17901	45.74	-8.26	54	25.41	41.11	24.62	45.4	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 3 - Straddle Channel

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5447.5	49.08	-24.92	74	40.71	32.9	13.32	37.85	247	269	P	H
		5464.27	47.98	-20.22	68.2	39.57	32.93	13.34	37.86	247	269	P	H
		5457.64	39.66	-14.34	54	31.26	32.92	13.33	37.85	247	269	A	H
	*	5710	113.95	-	-	104.65	33.66	13.56	37.92	247	269	P	H
	*	5710	105.47	-	-	96.17	33.66	13.56	37.92	247	269	A	H
		5854.75	54.25	-13.95	68.2	44.4	34.11	13.69	37.95	247	269	P	H
		5449.06	47.81	-26.19	74	39.44	32.9	13.32	37.85	350	63	P	V
		5468.17	46.72	-21.48	68.2	38.29	32.94	13.35	37.86	350	63	P	V
		5458.42	37.72	-16.28	54	29.32	32.92	13.34	37.86	350	63	A	V
	*	5710	111.04	-	-	101.74	33.66	13.56	37.92	350	63	P	V
	*	5710	100.73	-	-	91.43	33.66	13.56	37.92	350	63	A	V
		5879.75	50.84	-17.36	68.2	40.9	34.16	13.73	37.95	350	63	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		11420	54.04	-19.96	74	37.6	39.06	19.88	42.5	100	0	P	H
		11420	45	-9	54	28.56	39.06	19.88	42.5	180	4	A	H
		13358	52.86	-21.14	74	34.54	39.92	21.56	43.16	-	-	P	H
		13358	42.35	-11.65	54	24.03	39.92	21.56	43.16	-	-	A	H
		14480	52.57	-21.43	74	34.49	39.88	22.39	44.19	-	-	P	H
		14480	42.07	-11.93	54	23.99	39.88	22.39	44.19	-	-	A	H
		17130	50.86	-17.34	68.2	33.33	38	24.13	44.6	-	-	P	H
		18000	55.98	-18.02	74	34.97	41.8	24.68	45.47	-	-	P	H
		18000	45.48	-8.52	54	24.47	41.8	24.68	45.47	-	-	A	H
		11420	56.78	-17.22	74	40.34	39.06	19.88	42.5	200	74	P	V
		11420	46.38	-7.62	54	29.94	39.06	19.88	42.5	200	74	A	V
		13358	53.04	-20.96	74	34.72	39.92	21.56	43.16	-	-	P	V
		13358	42.51	-11.49	54	24.19	39.92	21.56	43.16	-	-	A	V
		14491	53	-21	74	34.9	39.89	22.4	44.19	-	-	P	V
		14491	42.47	-11.53	54	24.37	39.89	22.4	44.19	-	-	A	V
		17130	51.5	-16.7	68.2	33.97	38	24.13	44.6	-	-	P	V
		18000	55.41	-18.59	74	34.4	41.8	24.68	45.47	-	-	P	V
		18000	44.88	-9.12	54	23.87	41.8	24.68	45.47	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Band 3 Straddle Channel

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

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5454.52	48.66	-25.34	74	40.27	32.91	13.33	37.85	250	268	P	H
		5463.49	50.4	-17.8	68.2	41.99	32.93	13.34	37.86	250	268	P	H
		5452.96	40.16	-13.84	54	31.77	32.91	13.33	37.85	250	268	A	H
	*	5690	111.62	-	-	102.45	33.52	13.56	37.91	250	268	P	H
	*	5690	102.2	-	-	93.03	33.52	13.56	37.91	250	268	A	H
		5856.25	52.86	-15.34	68.2	43.01	34.11	13.69	37.95	250	268	P	H
		5414.74	46.42	-27.58	74	38.08	32.9	13.28	37.84	394	47	P	V
		5468.56	45.72	-22.48	68.2	37.29	32.94	13.35	37.86	394	47	P	V
		5455.69	38.32	-15.68	54	29.93	32.91	13.33	37.85	394	47	A	V
	*	5690	106.29	-	-	97.12	33.52	13.56	37.91	394	47	P	V
	*	5690	97.52	-	-	88.35	33.52	13.56	37.91	394	47	A	V
		5851.25	49.03	-19.17	68.2	39.2	34.1	13.68	37.95	394	47	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		11380	53.48	-20.52	74	36.99	39.06	19.85	42.42	202	3	P	H
		11380	43.88	-10.12	54	27.39	39.06	19.85	42.42	202	3	A	H
		13292	52.5	-21.5	74	34.36	39.79	21.5	43.15	-	-	P	H
		13292	42.42	-11.58	54	24.28	39.79	21.5	43.15	-	-	A	H
		14491	53.12	-20.88	74	35.02	39.89	22.4	44.19	-	-	P	H
		14491	42.89	-11.11	54	24.79	39.89	22.4	44.19	-	-	A	H
		17070	50.64	-17.56	68.2	33.04	38.03	24.09	44.52	-	-	P	H
		17956	55.29	-18.71	74	34.59	41.49	24.65	45.44	-	-	P	H
		17956	45.1	-8.9	54	24.4	41.49	24.65	45.44	-	-	A	H
		11380	52.54	-21.46	74	36.05	39.06	19.85	42.42	189	71	P	V
		11380	43.71	-10.29	54	27.22	39.06	19.85	42.42	189	71	A	V
		13399	52.45	-21.55	74	34.04	40	21.58	43.17	-	-	P	V
		13399	42.32	-11.68	54	23.91	40	21.58	43.17	-	-	A	V
		14491	52.82	-21.18	74	34.72	39.89	22.4	44.19	-	-	P	V
		14491	42.47	-11.53	54	24.37	39.89	22.4	44.19	-	-	A	V
		17070	50.65	-17.55	68.2	33.05	38.03	24.09	44.52	-	-	P	V
		17956	55.7	-18.3	74	35	41.49	24.65	45.44	-	-	P	V
		17956	45.39	-8.61	54	24.69	41.49	24.65	45.44	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

WIFI 802.11ax HE20 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full SHF		39472	52.82	-21.18	74	38.29	44.68	26.17	56.32	-	-	P	H
		39472	42.54	-11.46	54	28.01	44.68	26.17	56.32	-	-	A	H
		39406	52.16	-21.84	74	37.79	44.62	26.13	56.38	-	-	P	V
		39406	42.19	-11.81	54	27.82	44.62	26.13	56.38	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full LF		144.46	33.55	-9.95	43.5	49.14	17.46	2.43	35.48	144.46	33.55	P	H
		199.75	28.69	-14.81	43.5	46.43	14.88	2.76	35.38	199.75	28.69	P	H
		399.57	27.3	-18.7	46	36.39	21.92	3.83	34.84	399.57	27.3	P	H
		600.36	30.69	-15.31	46	34.91	25.47	4.69	34.38	600.36	30.69	P	H
		800.18	33.75	-12.25	46	34.42	27.61	5.41	33.69	800.18	33.75	P	H
		947.62	35.05	-10.95	46	31.71	30.34	5.99	32.99	947.62	35.05	P	H
		30	30.35	-9.65	40	40.46	24.37	1.18	35.66	30	30.35	P	V
		143.49	32.61	-10.89	43.5	48.23	17.45	2.42	35.49	143.49	32.61	P	V
		199.75	32.68	-10.82	43.5	50.42	14.88	2.76	35.38	199.75	32.68	P	V
		600.36	37.59	-8.41	46	41.81	25.47	4.69	34.38	600.36	37.59	P	V
		729.37	39.33	-6.67	46	40.8	27.26	5.09	33.82	729.37	39.33	P	V
		946.65	34.63	-11.37	46	31.33	30.31	5.98	32.99	946.65	34.63	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a 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. Over Limit(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. Over Limit(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. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

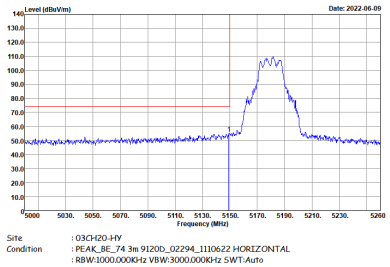
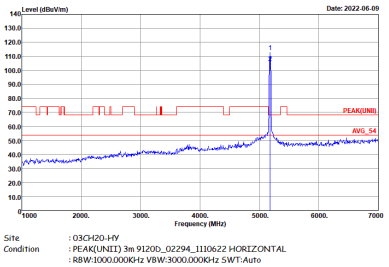
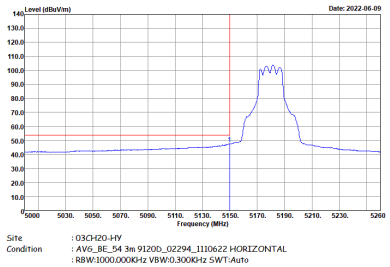
Test Engineer :	Nick Yu and Bill Chang	**Temperature :**	19~21°C
		Relative Humidity :	61~65%

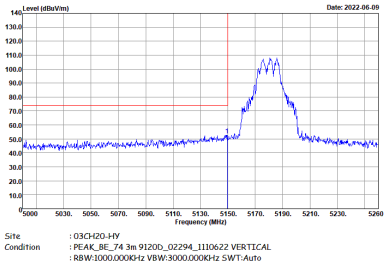
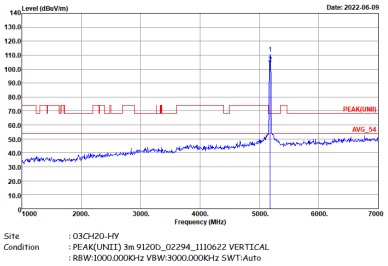
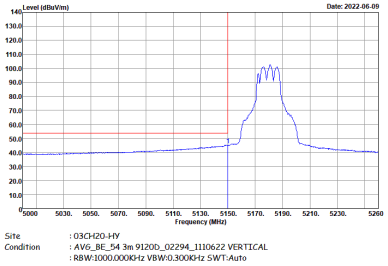
Note symbol

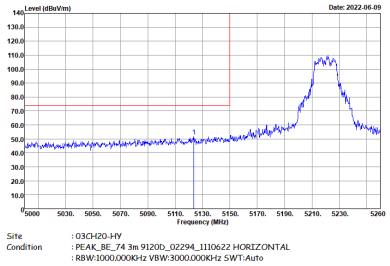
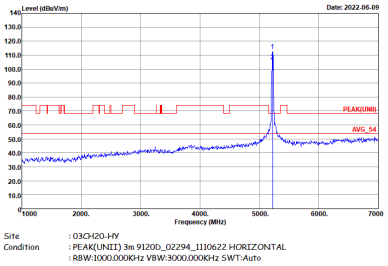
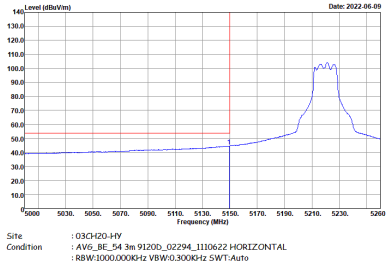
-L	**Low channel location**
-R	**High channel location**

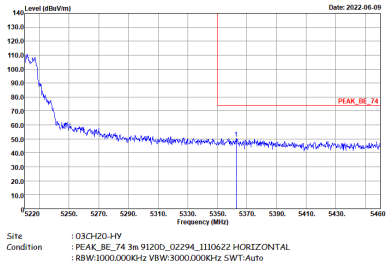
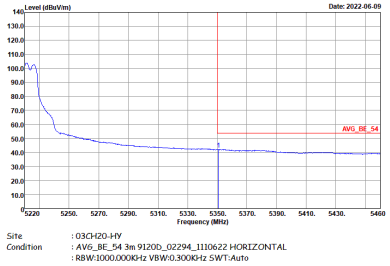
Band 1 - 5150~5250MHz

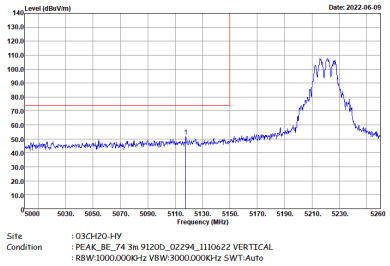
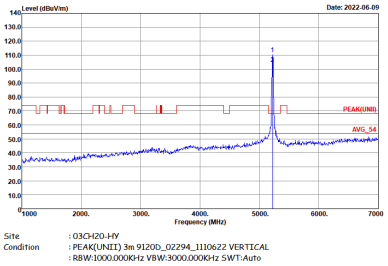
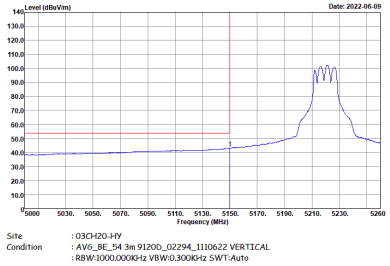
WIFI 802.11a (Band Edge @ 3m)

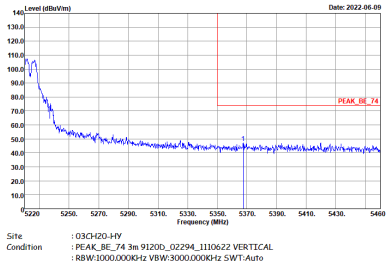
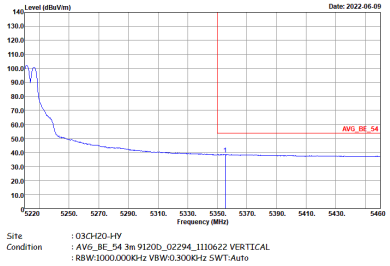
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

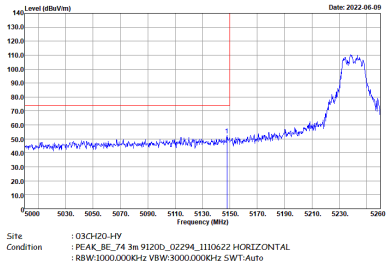
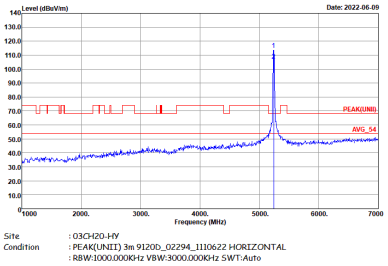
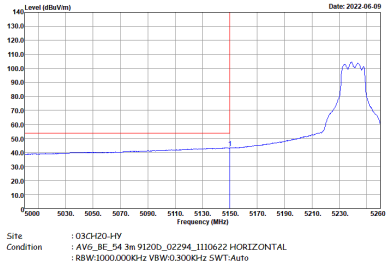
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

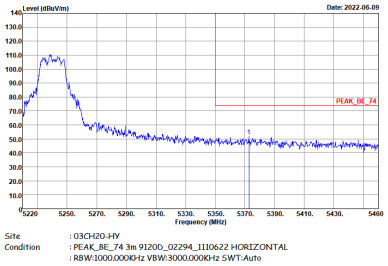
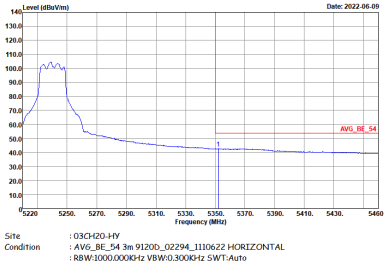
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

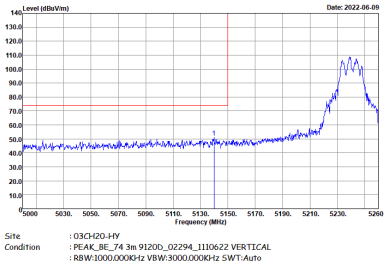
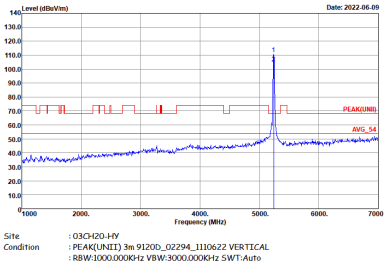
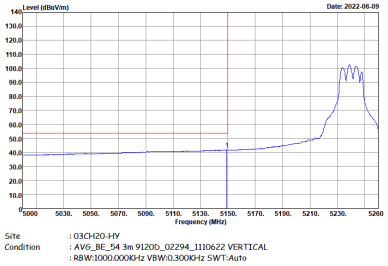
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

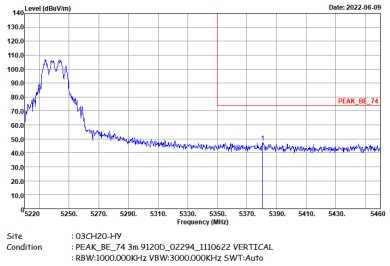
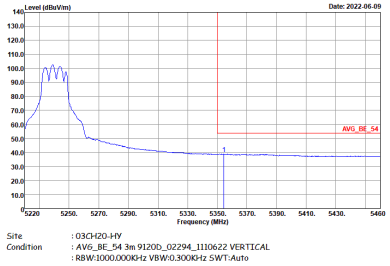
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

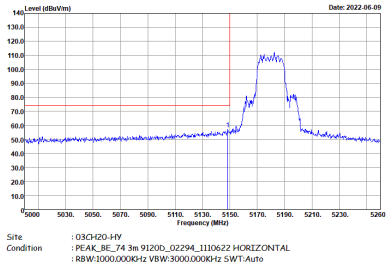
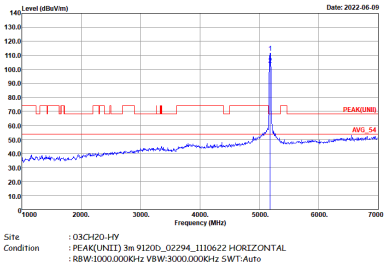
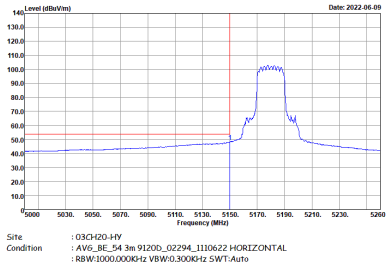
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

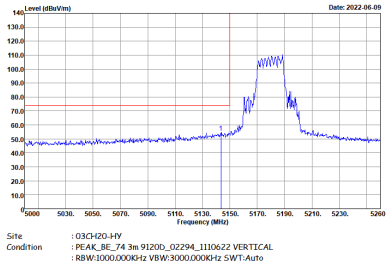
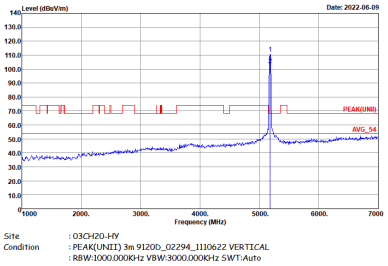
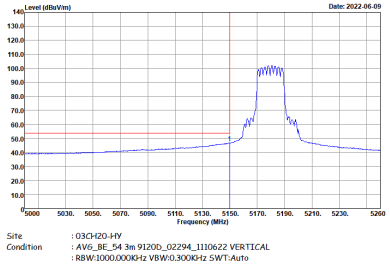
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

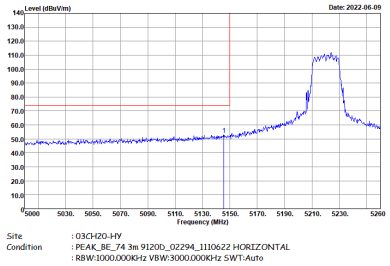
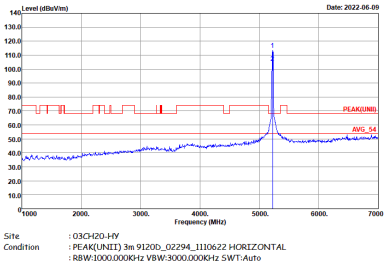
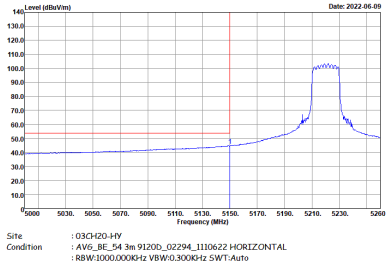
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

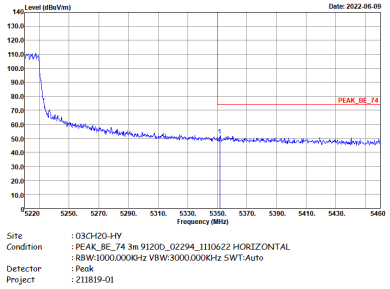
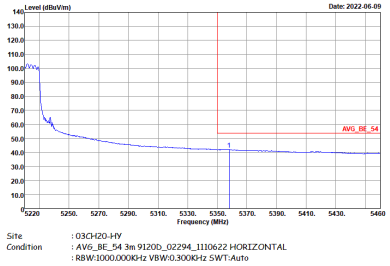
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

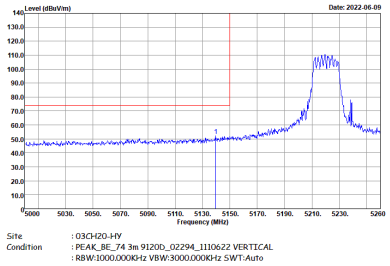
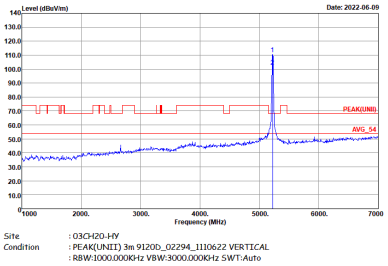
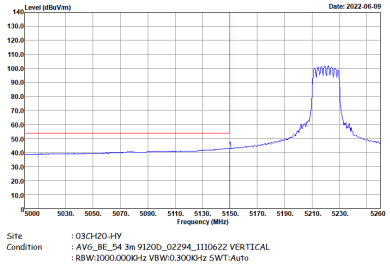
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

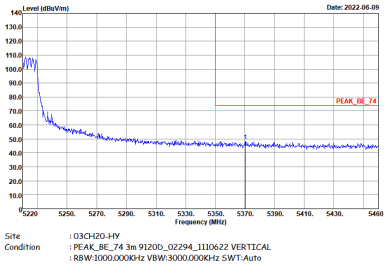
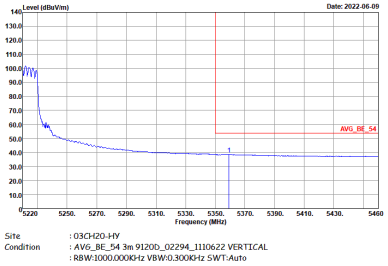
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

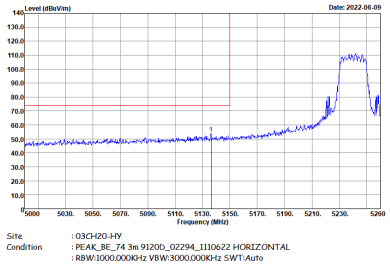
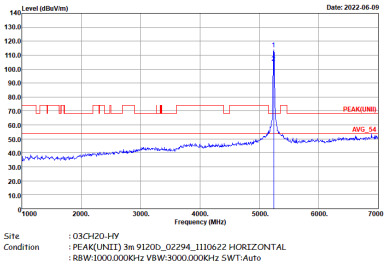
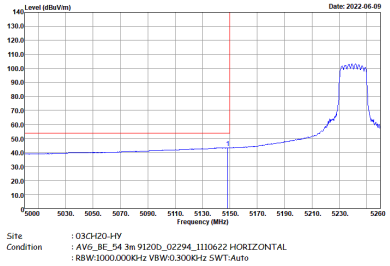
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

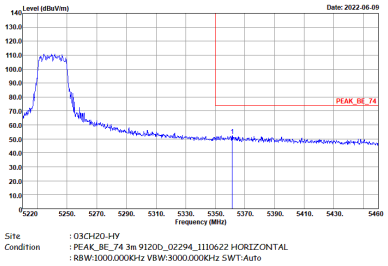
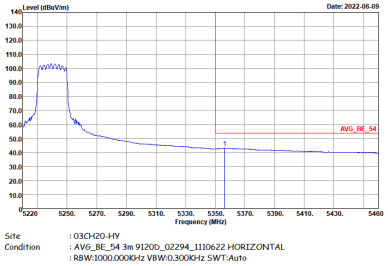
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

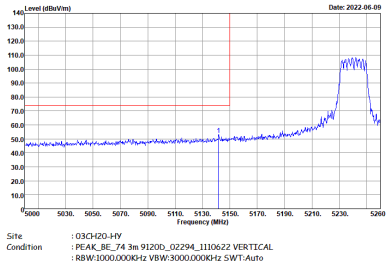
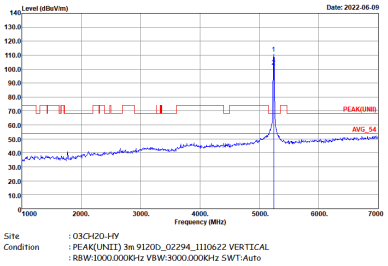
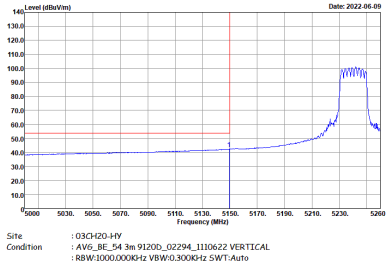
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

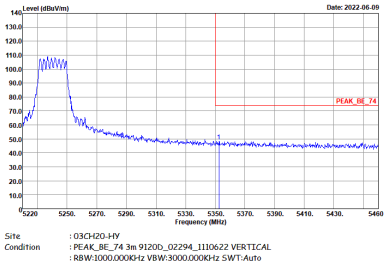
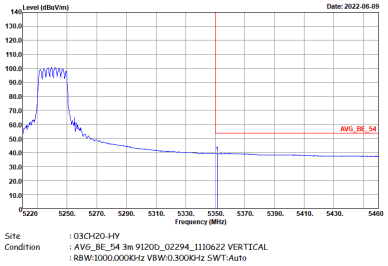
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

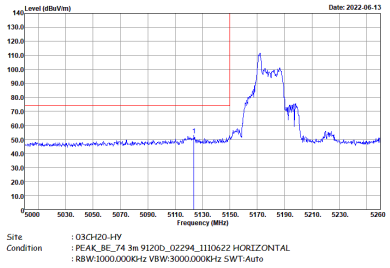
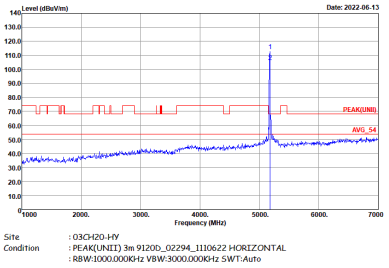
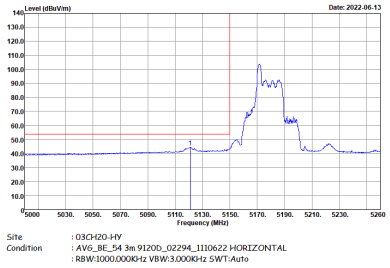
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

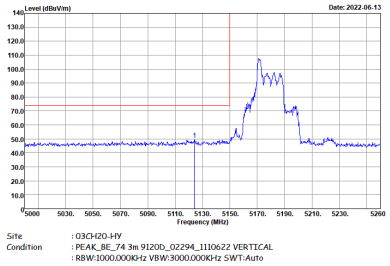
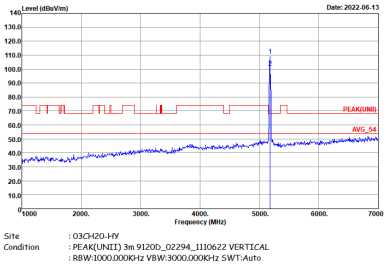
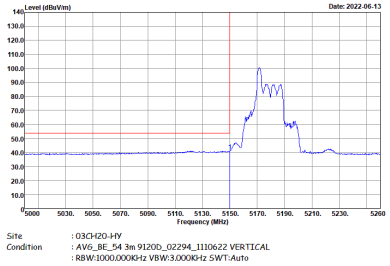
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

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

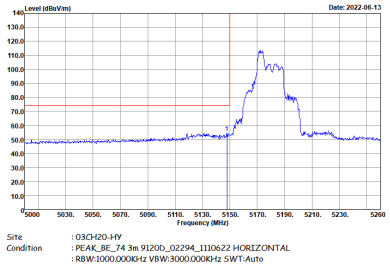
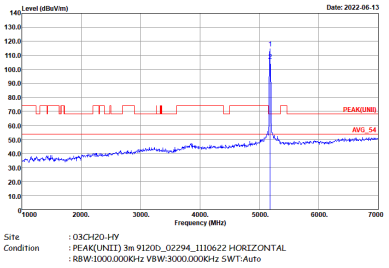
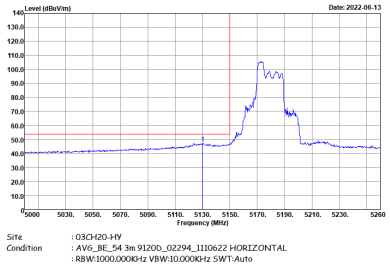
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

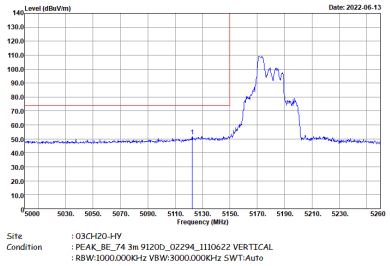
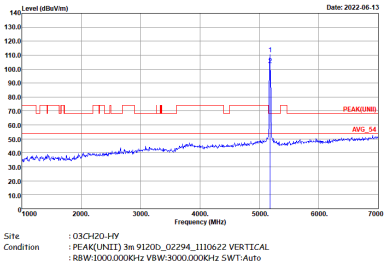
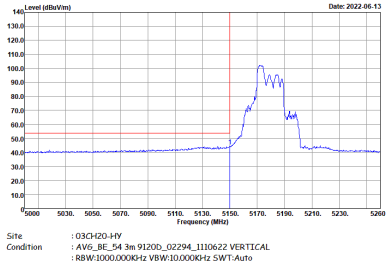
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

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

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

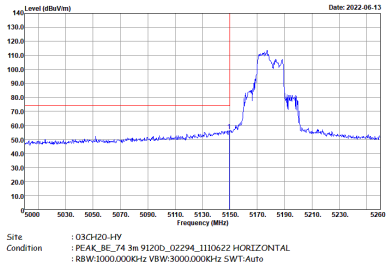
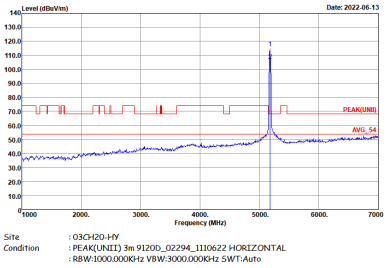
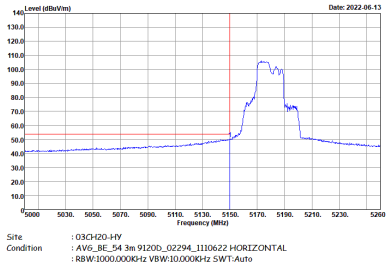
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

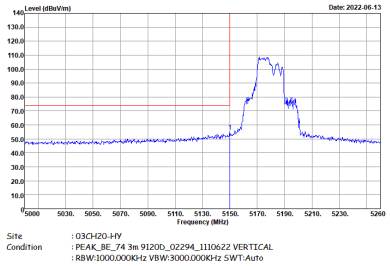
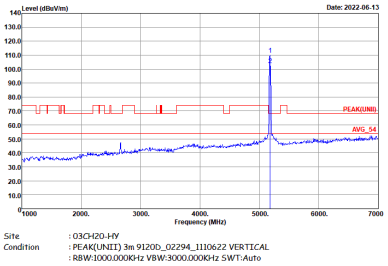
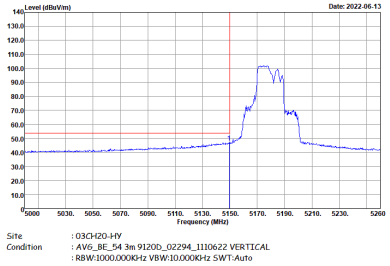
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

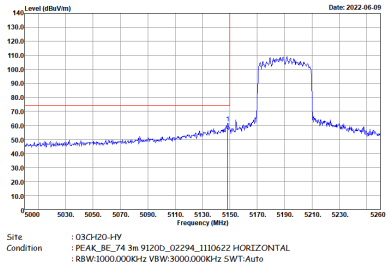
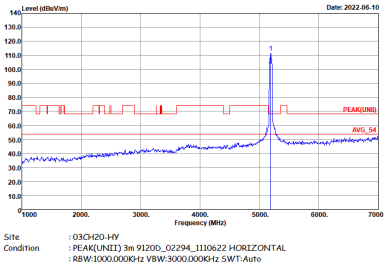
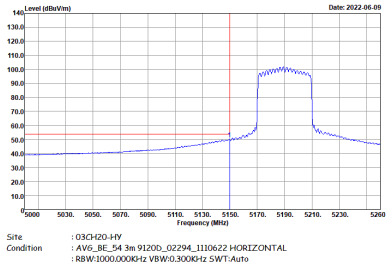
Band 1 5150~5250MHz

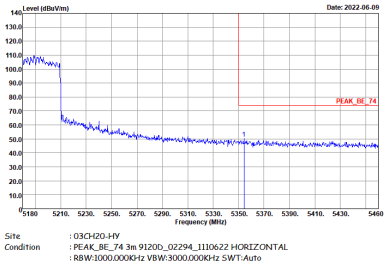
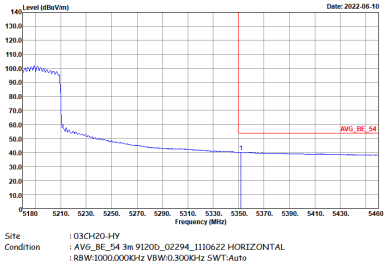
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

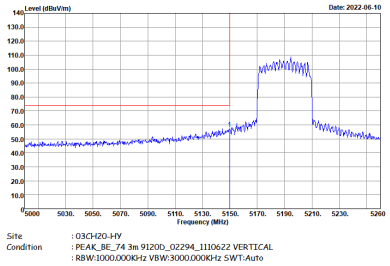
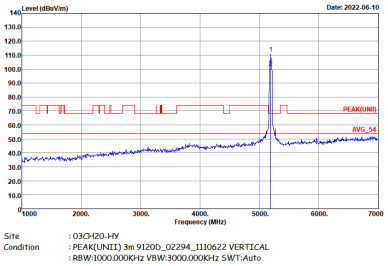
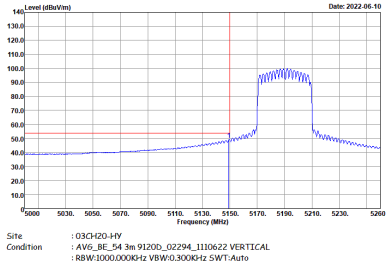
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

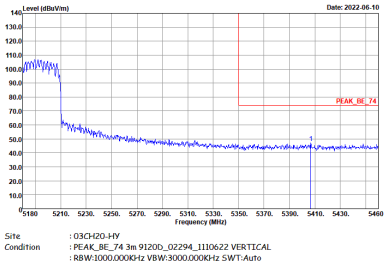
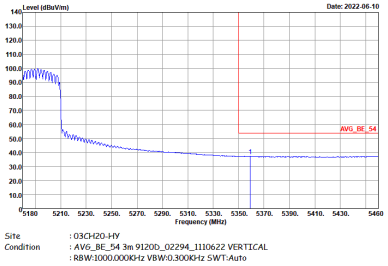
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

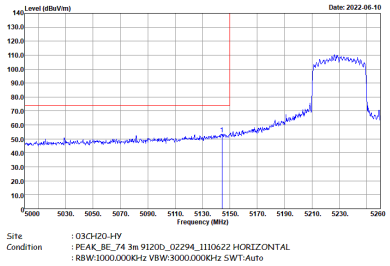
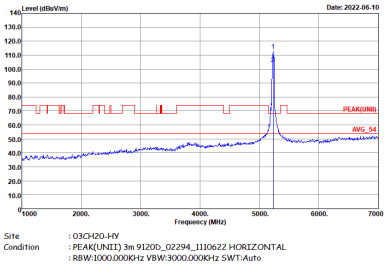
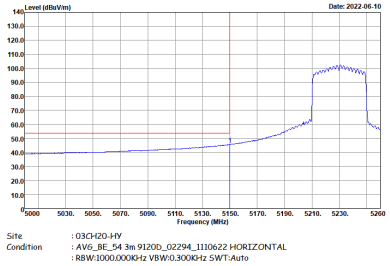
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

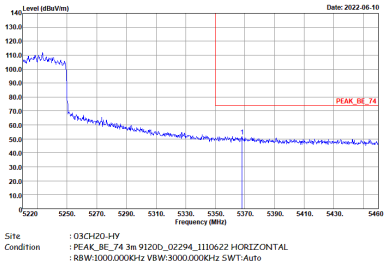
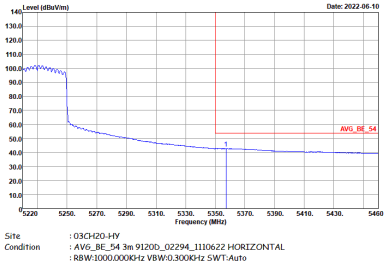
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

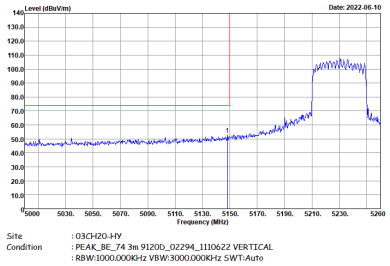
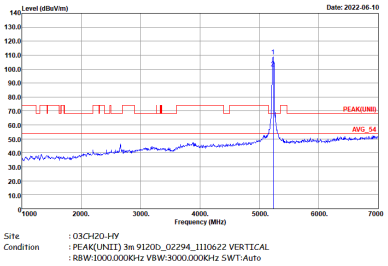
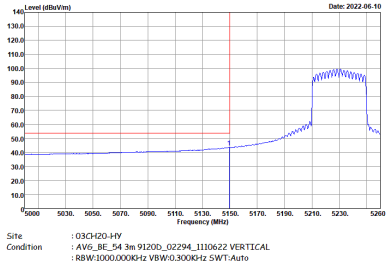
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

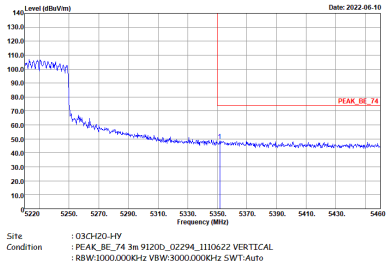
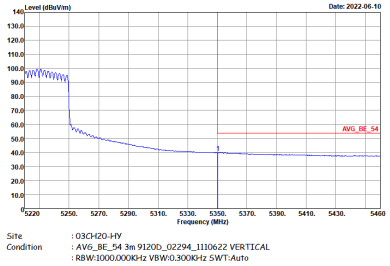
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

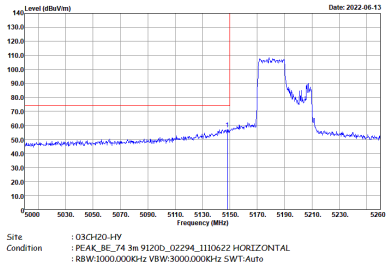
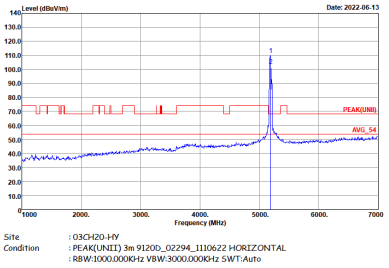
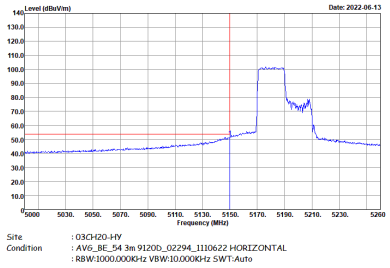
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

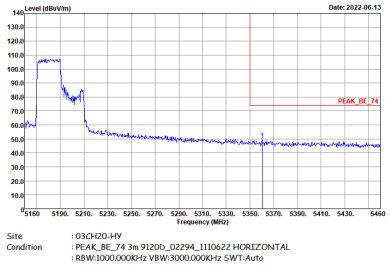
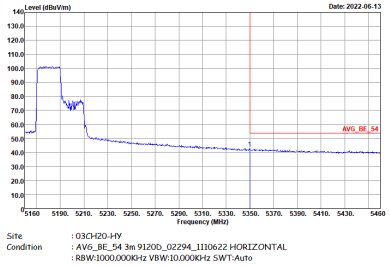
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

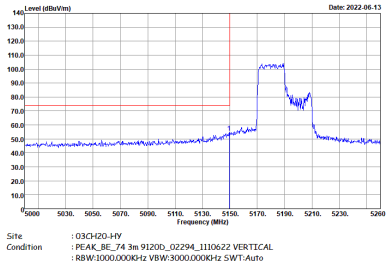
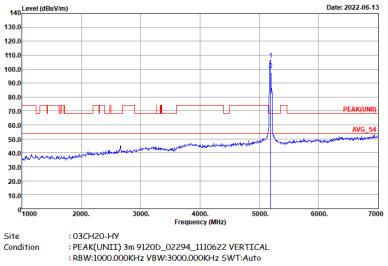
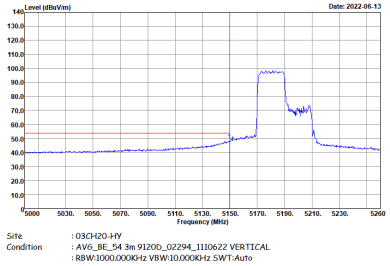
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

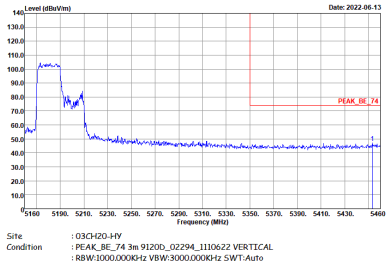
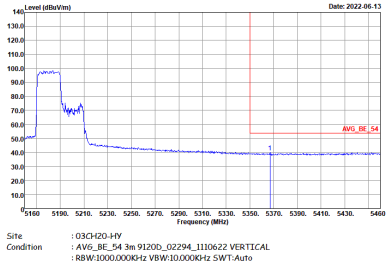
Band 1 5150~5250MHz

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

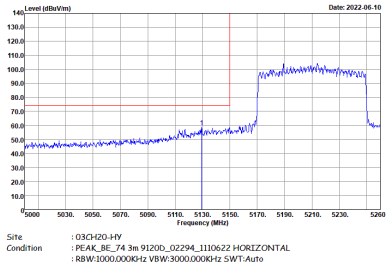
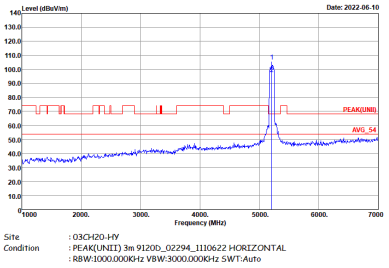
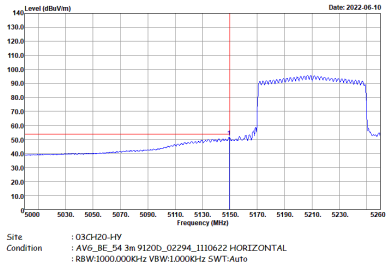
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

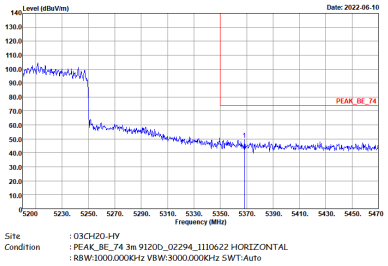
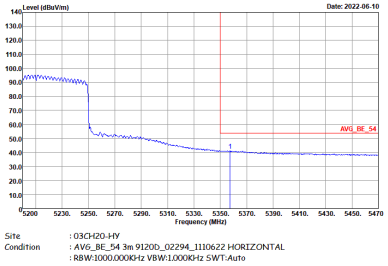
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

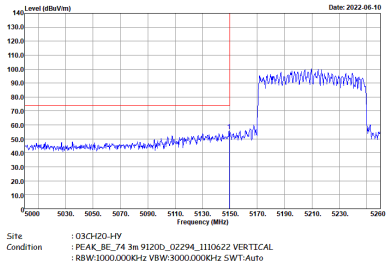
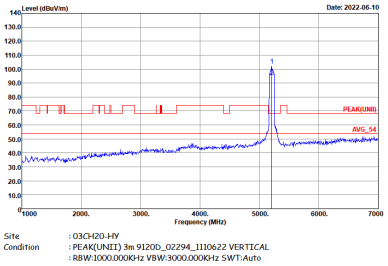
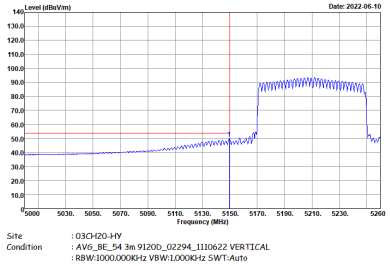
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

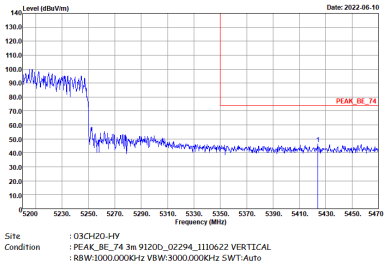
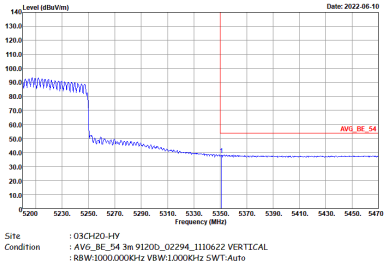
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

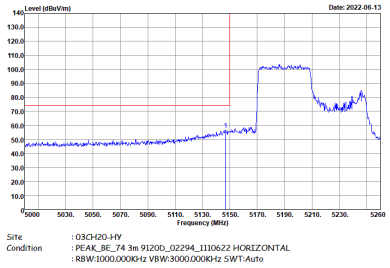
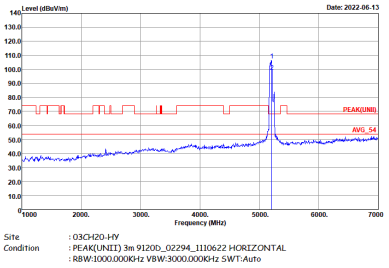
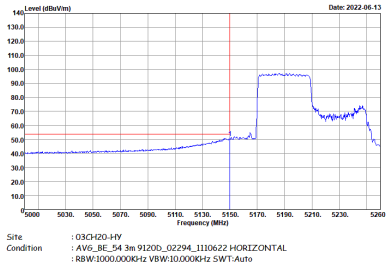
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

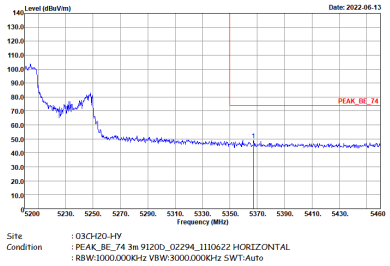
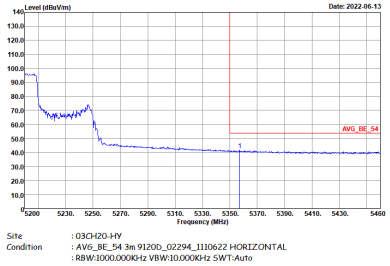
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

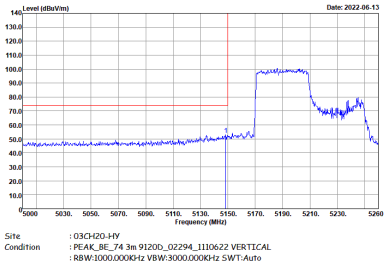
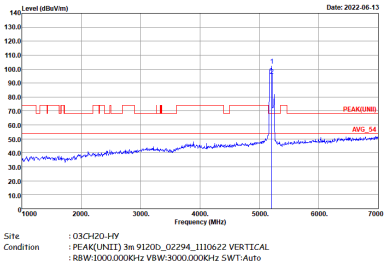
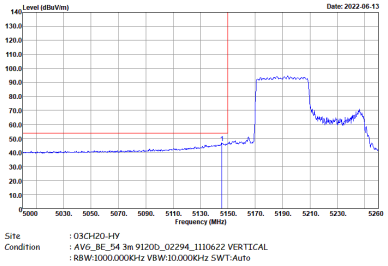
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

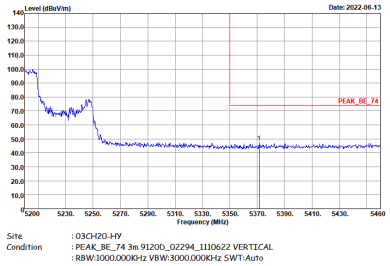
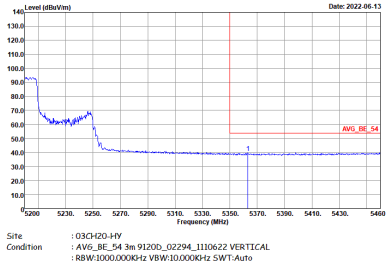
Band 1 5150~5250MHz

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

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

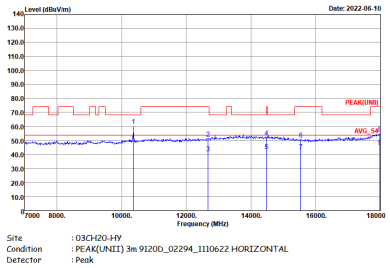
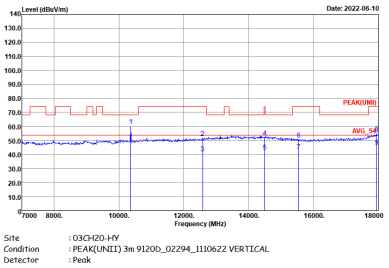
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

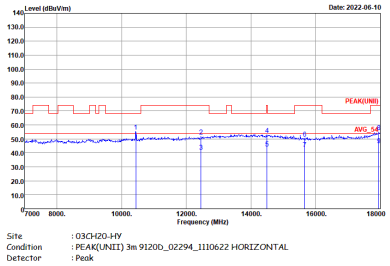
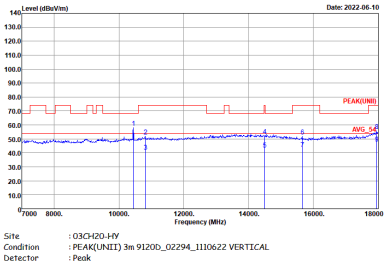
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

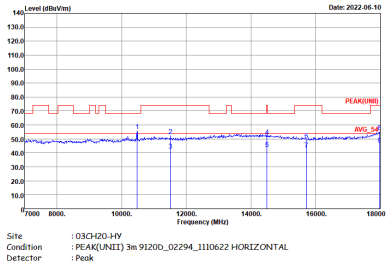
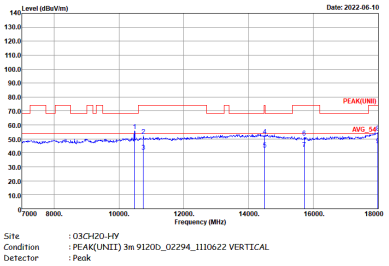
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

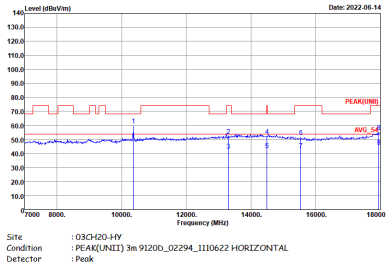
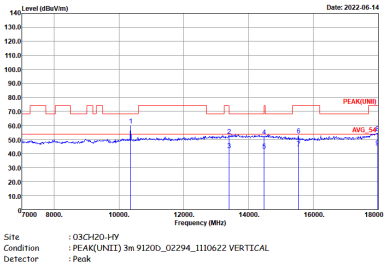
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

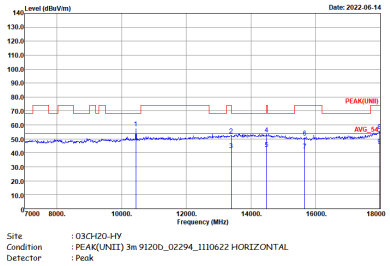
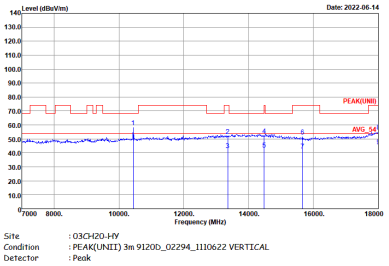
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

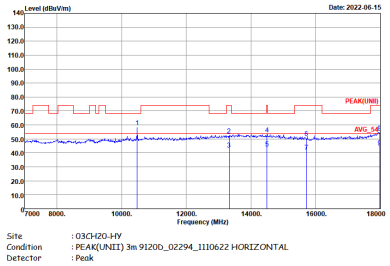
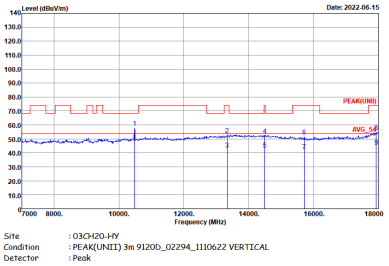
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

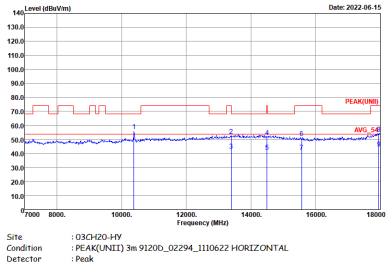
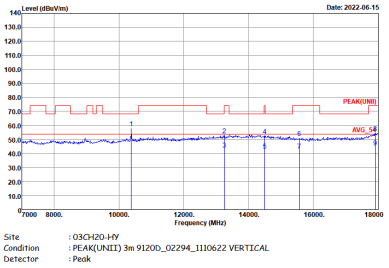
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

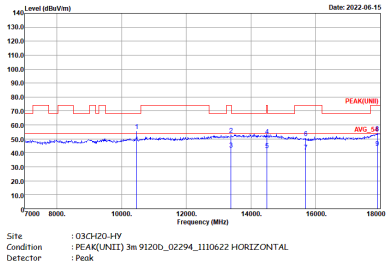
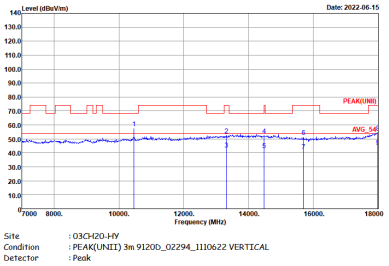
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

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

Band 1 5150~5250MHz

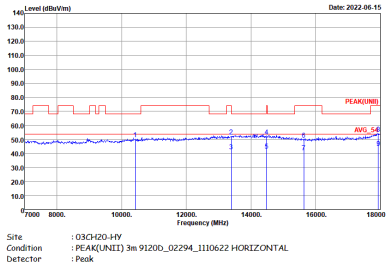
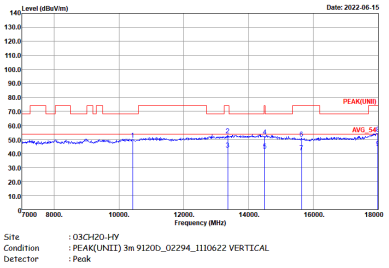
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

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.		

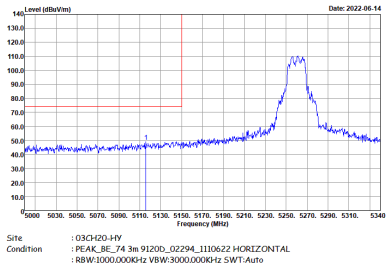
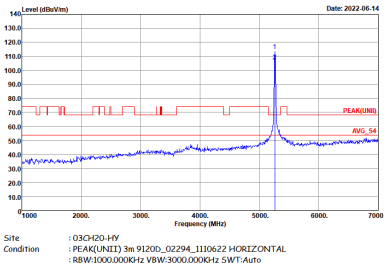
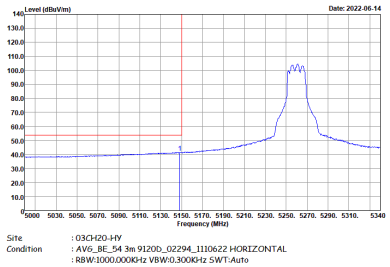
Band 1 5150~5250MHz

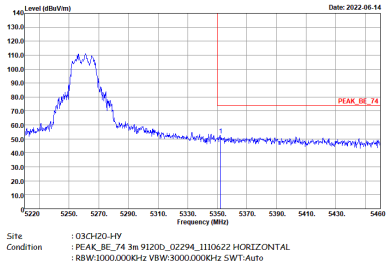
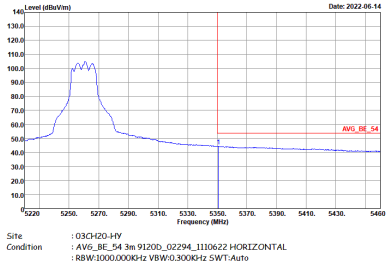
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

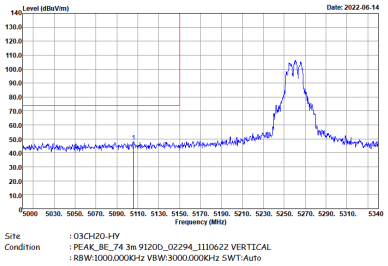
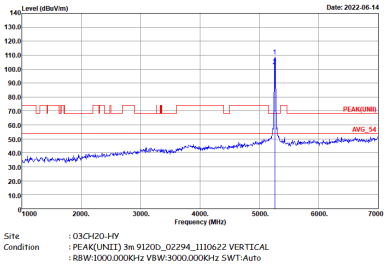
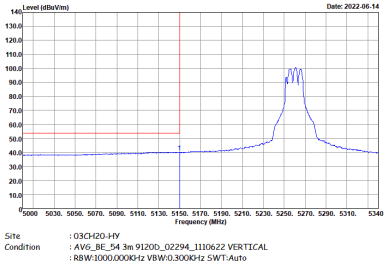
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
0+1	Horizontal	Vertical
Peak Avg.		

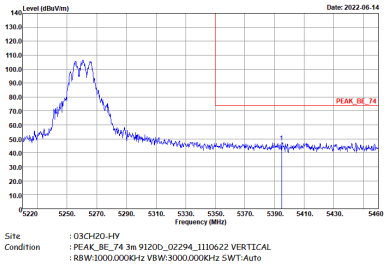
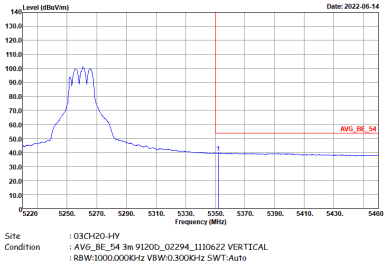
Band 2 - 5250~5350MHz

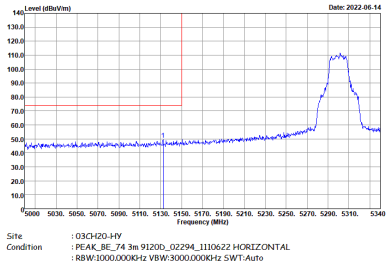
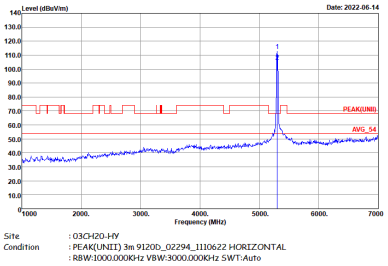
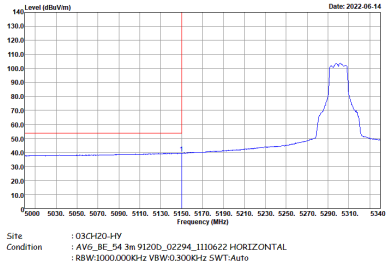
WIFI 802.11a (Band Edge @ 3m)

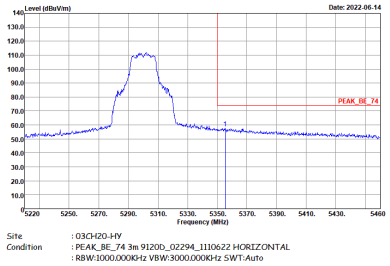
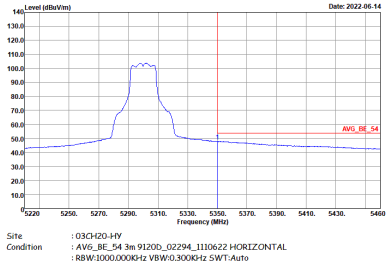
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

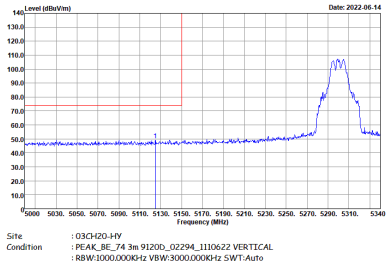
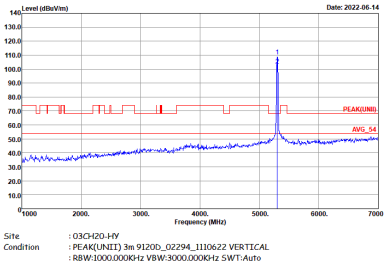
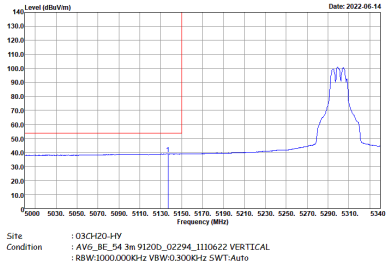
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

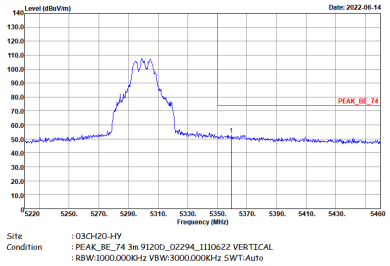
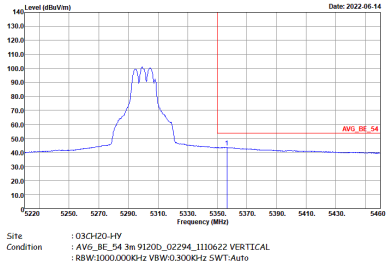
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

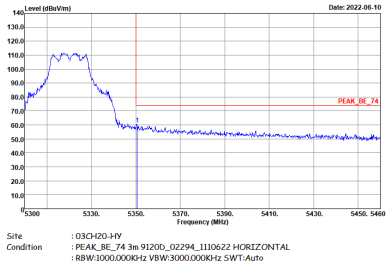
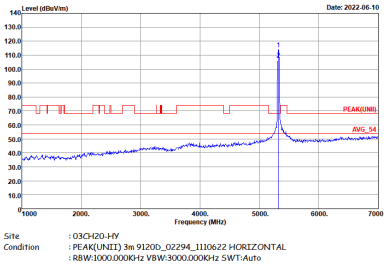
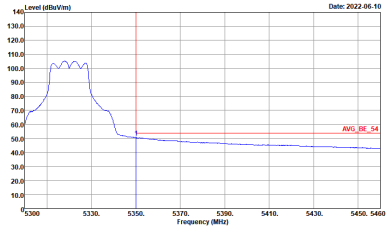
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

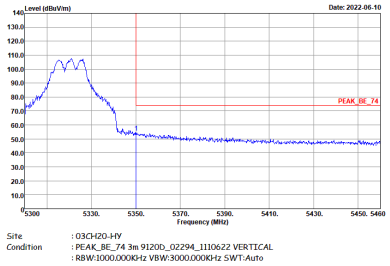
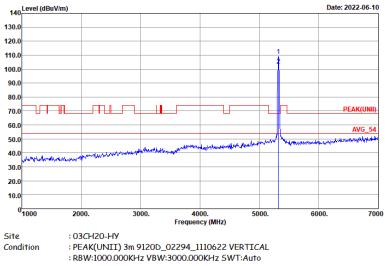
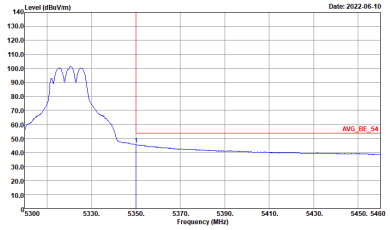
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

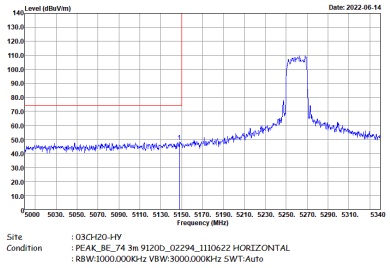
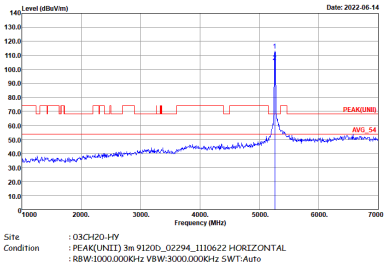
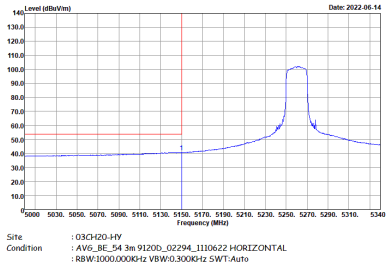
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

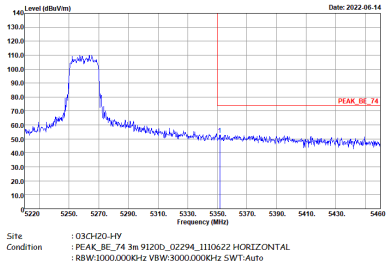
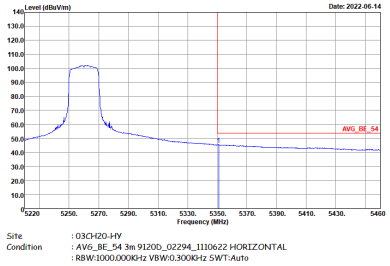
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

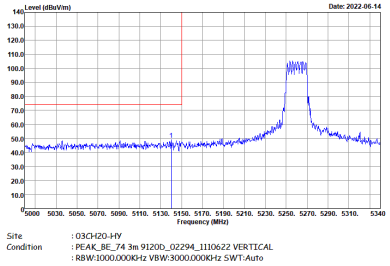
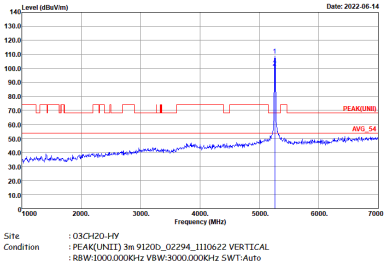
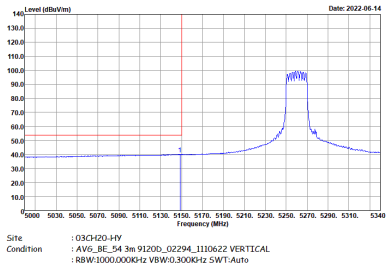
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII) 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

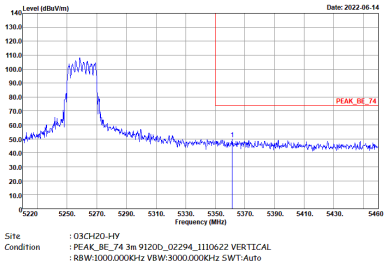
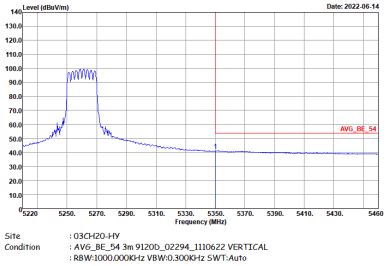
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII) 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

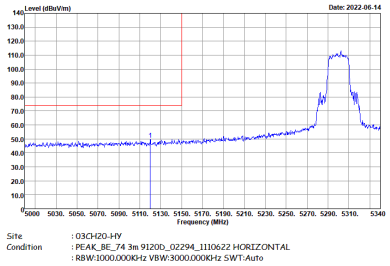
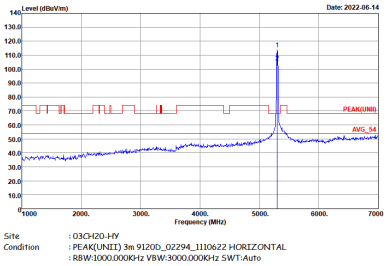
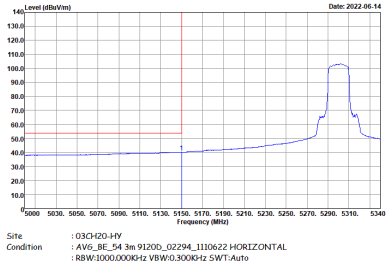
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

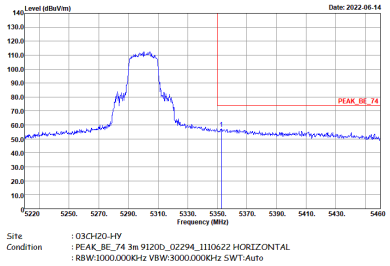
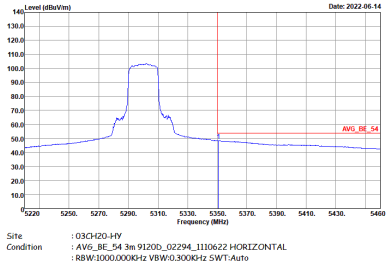
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

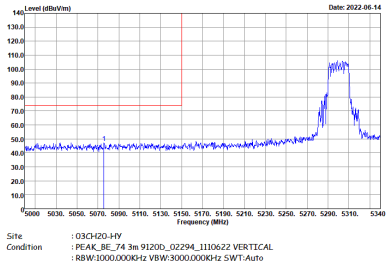
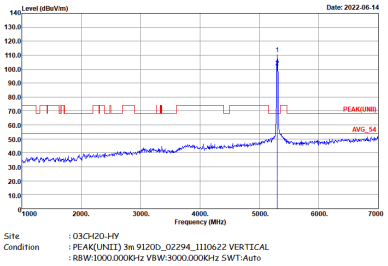
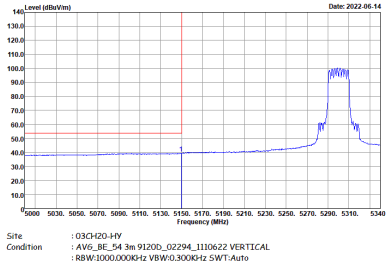
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

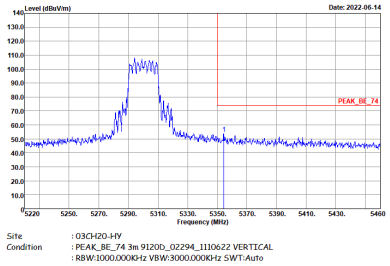
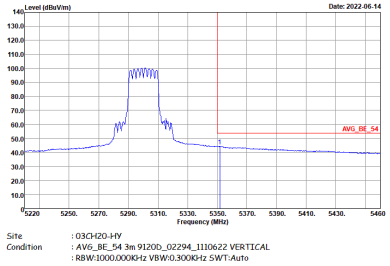
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

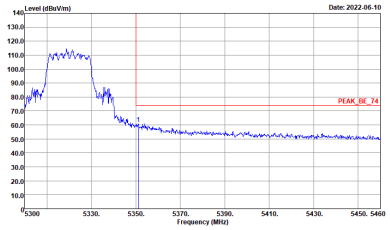
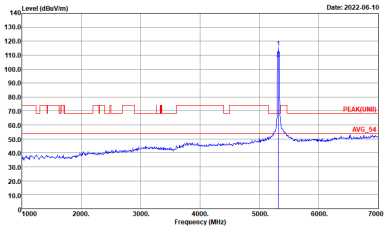
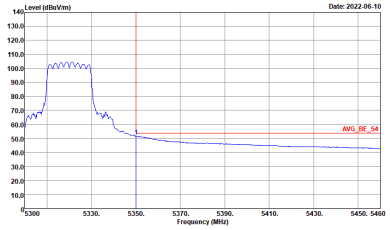
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

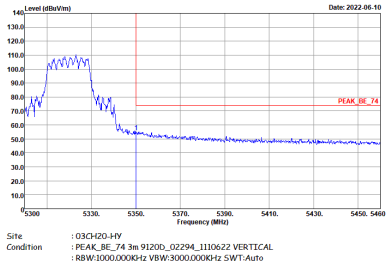
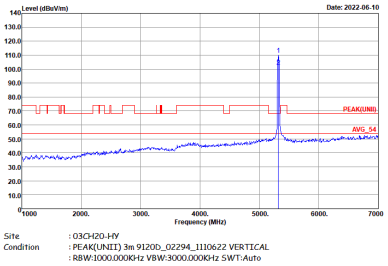
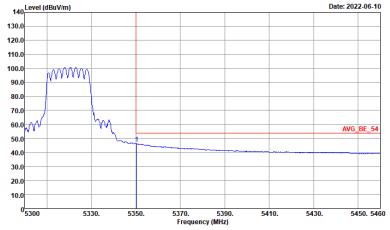
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
0+1	Horizontal	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	Vertical	Fundamental
Peak		
Avg.		Left blank

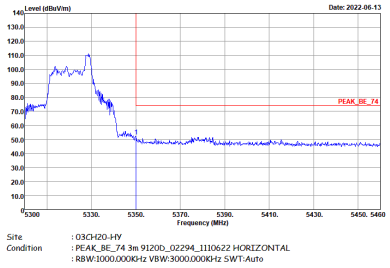
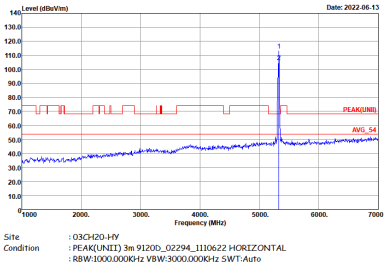
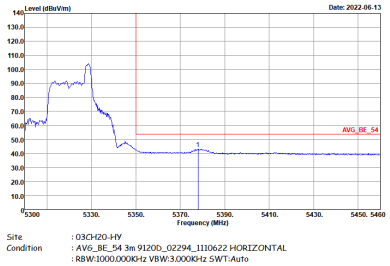
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

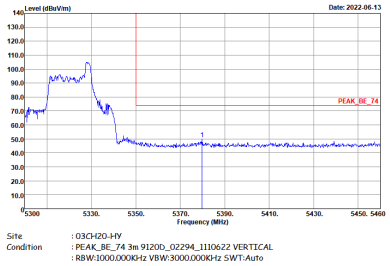
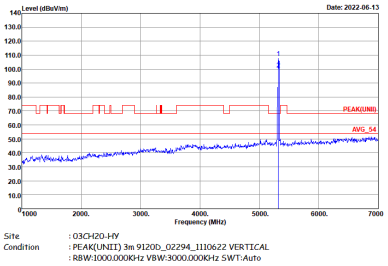
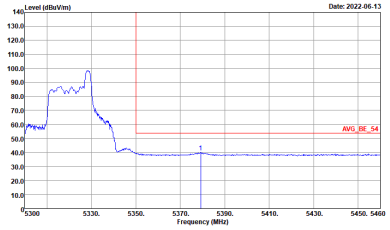
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII) 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII) 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	Left blank

Band 2 - 5250~5350MHz

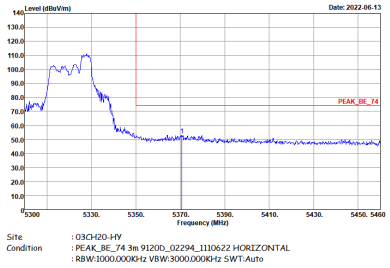
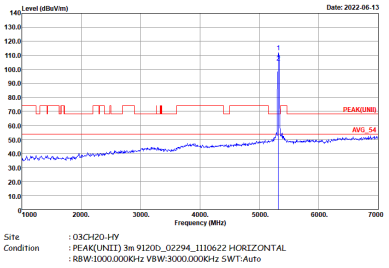
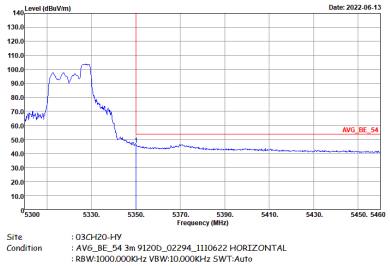
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

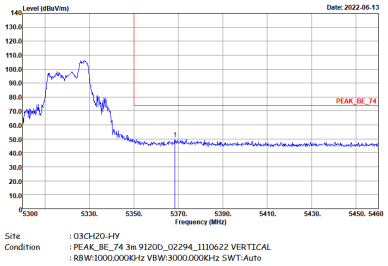
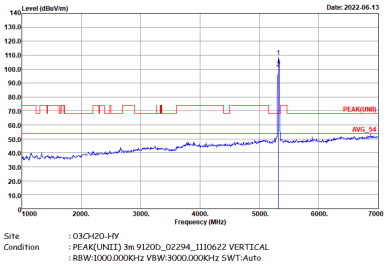
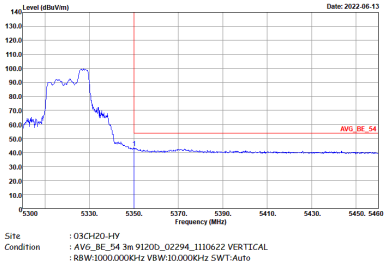
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII) 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

Band 2 5250~5350MHz

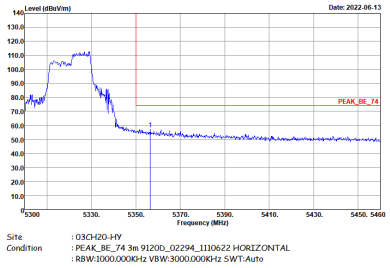
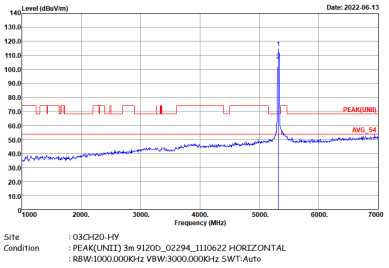
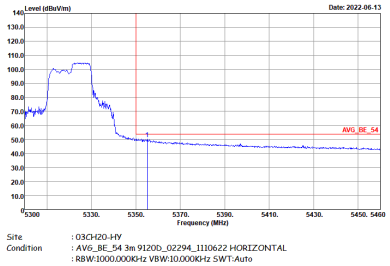
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

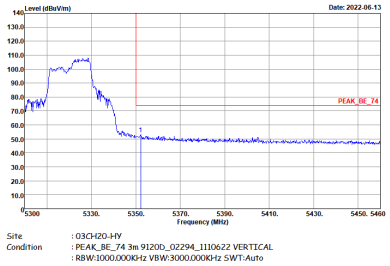
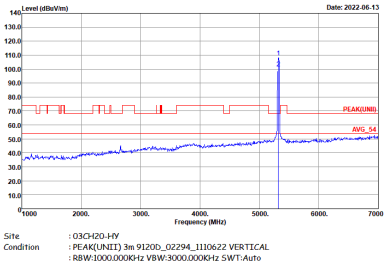
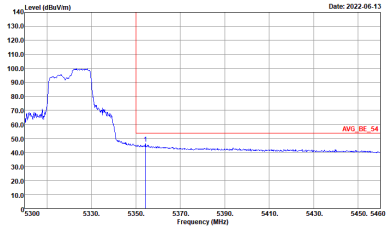
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

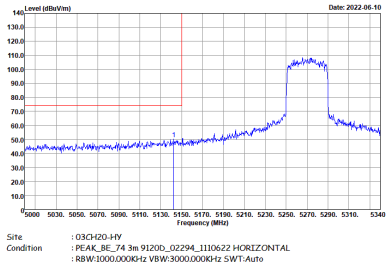
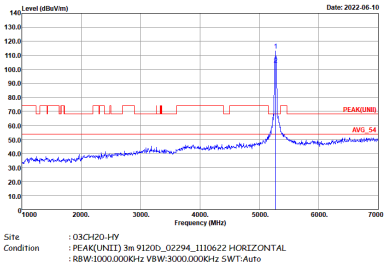
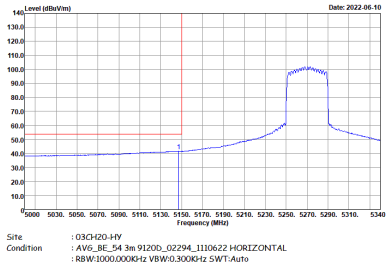
Band 2 5250~5350MHz

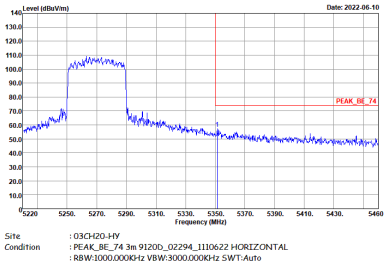
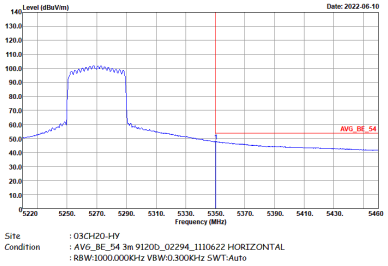
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK(UNII) 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 9120D_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

Band 2 5250~5350MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank