



FCC RADIO TEST REPORT

FCC ID : 2AUS4-NFL1
Equipment : Accessory for video conferencing device
Brand Name : neat.
Model Name : NF-L1
Applicant : Neatframe Limited
Cannon Green, 27 Bush Lane, London,
EC4R 0AA, United Kingdom
Manufacturer : Neatframe Limited
Cannon Green, 27 Bush Lane, London,
EC4R 0AA, United Kingdom
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jul. 18, 2023 and testing was performed from Jul. 26, 2023 to Sep. 07, 2023. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	7
1.3 Testing Location	8
1.4 Applicable Standards.....	8
2 Test Configuration of Equipment Under Test	9
2.1 Carrier Frequency and Channel	9
2.2 Test Mode.....	11
2.3 Connection Diagram of Test System.....	13
2.4 Support Unit used in test configuration and system	13
2.5 EUT Operation Test Setup	14
2.6 Measurement Results Explanation Example.....	14
3 Test Result	15
3.1 26dB & 99% Occupied Bandwidth Measurement	15
3.2 Maximum Conducted Output Power Measurement	19
3.3 Power Spectral Density Measurement	21
3.4 Unwanted Emissions Measurement	28
3.5 AC Conducted Emission Measurement.....	33
3.6 Antenna Requirements.....	35
4 List of Measuring Equipment.....	36
5 Measurement Uncertainty	38
Appendix A. Conducted Test Results	
Appendix B. AC Conducted Emission Test Result	
Appendix C. Radiated Spurious Emission	
Appendix D. Radiated Spurious Emission Plots	
Appendix E. Duty Cycle Plots	
Appendix F. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR371809D	01	Initial issue of report	Sep. 22, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.81 dB under the limit at 5144.56 MHz
3.5	15.207	AC Conducted Emission	Pass	5.53 dB under the limit at 20.40 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Rachel Hsieh



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature		
General Specs WLAN 11 a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE		
Antenna Type WLAN: PIFA Antenna Bluetooth: PIFA Antenna		
Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 1: 3.5 Ant. 2: 4.0
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 1: 3.6 Ant. 2: 4.0
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 1: 4.0 Ant. 2: 3.8

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

1.1.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F2)f)ii)

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

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

where

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

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

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

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

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

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

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 1	Ant 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	3.50	4.00	4.00	6.76	0.00	0.76
Band II	3.60	4.00	4.00	6.81	0.00	0.81
Band III	4.00	3.80	4.00	6.91	0.00	0.91

Calculation example:

If a device has two antenna, $G_{ANT1} = 3.5\text{dBi}$; $G_{ANT2} = 4.0\text{dBi}$

Directional gain of power measurement = $\max(3.5, 4.0) + 0 = 4.0\text{ dBi}$

Directional gain of PSD derived from formula which is

$$10 \times \log \left\{ \left[10^{\frac{3.5\text{ dBi}}{20}} + 10^{\frac{4.0\text{ dBi}}{20}} \right]^2 \right\} / 2$$

$$= 6.76\text{ dBi}$$

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. 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 (TAF Code: 1190)
Remark	The AC Conducted Emission 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, 03CH16-HY

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

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700
Frequency Band	Channel		Freq. (MHz)	
5150-5350 MHz	50 [@]		5250	
5470-5725 MHz	114 [@]		5570	

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

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

Note:

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

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU but does not support 2x996-tone RU on 160MHz channel.

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

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

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

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

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

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

MIMO Mode

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

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Camera on + RJ45 Link + POE Adapter + USB (Load with Notebook)

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

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

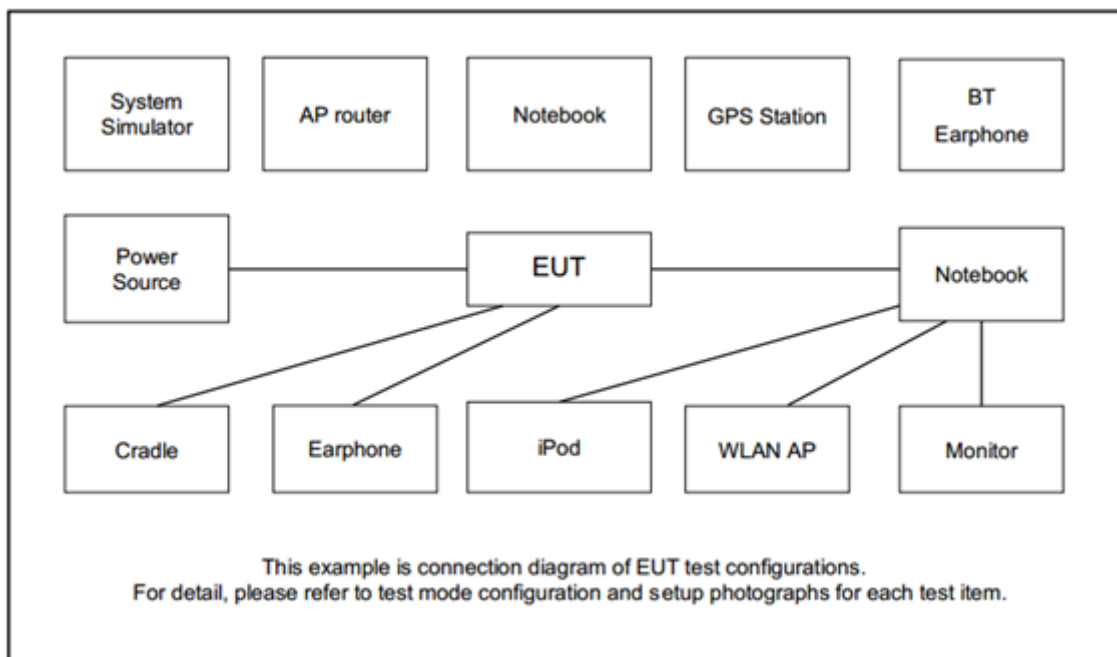
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY700A2029	N/A	N/A
2.	WLAN AP	NETGEAR64	RAXE500	N/A	N/A	Unshielded, 1.8 m
3.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0m	N/A
4.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Notebook	Allienware	m16 r1	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
6.	POE Adapter	PHIHONG	POE16R-1AFG6	FCC DoC	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "QRCT V4.0 Version4.0211.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

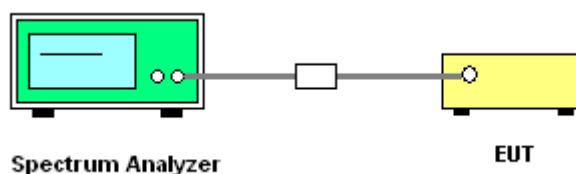
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



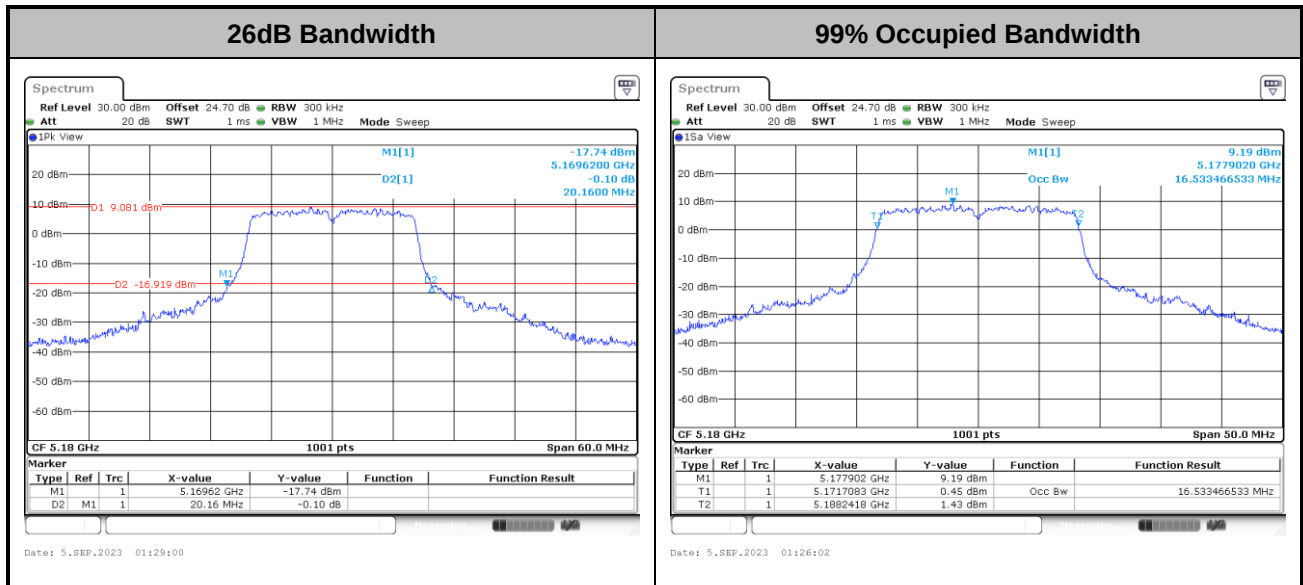
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



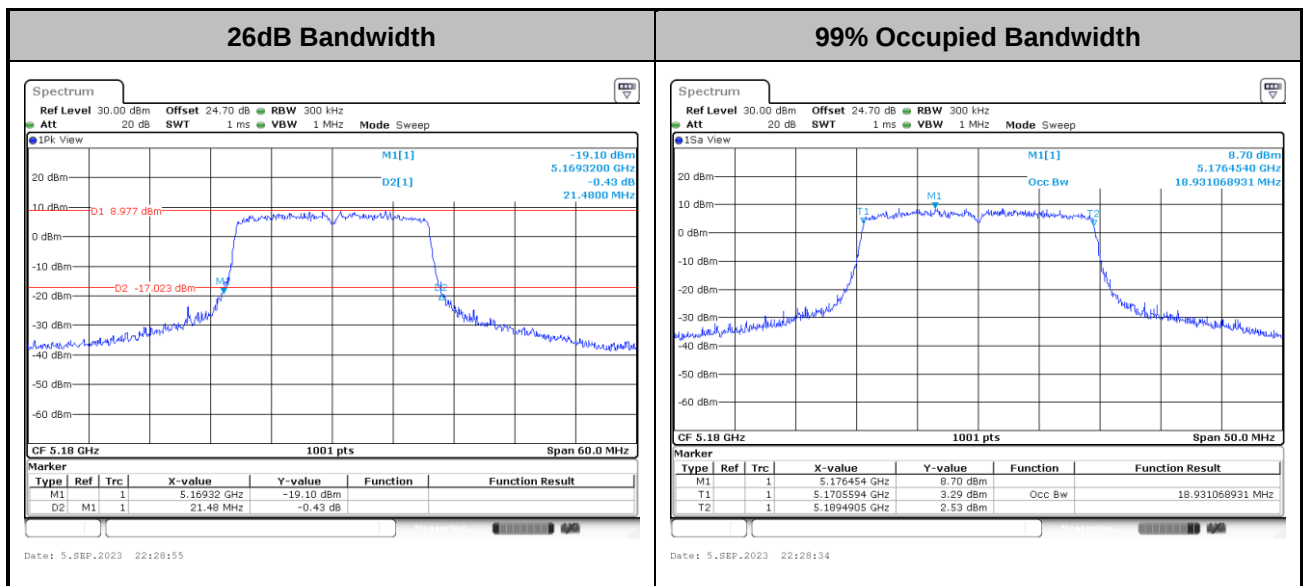
MIMO <Ant. 1+2>

<802.11a>



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

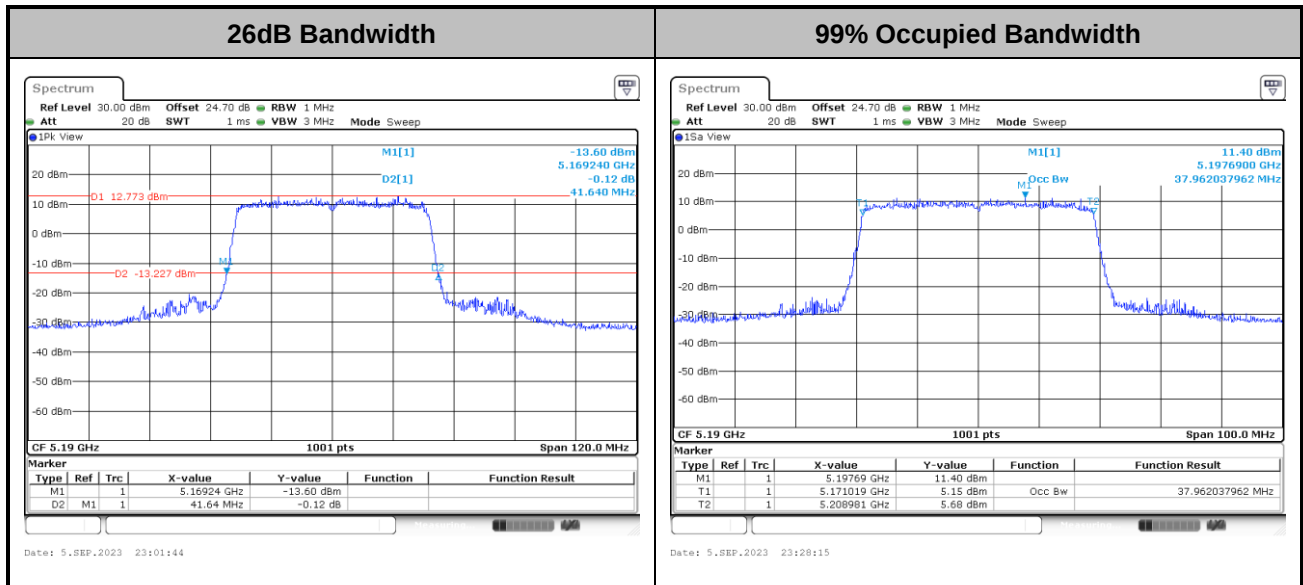
<802.11ax HE20>



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

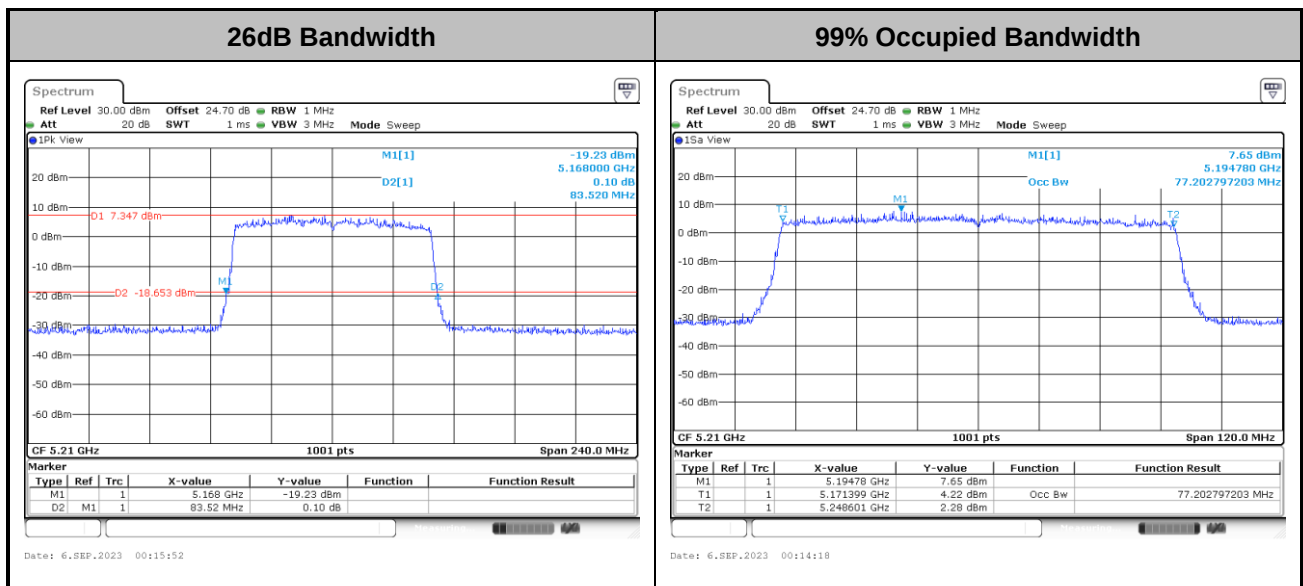


<802.11ax HE40>



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

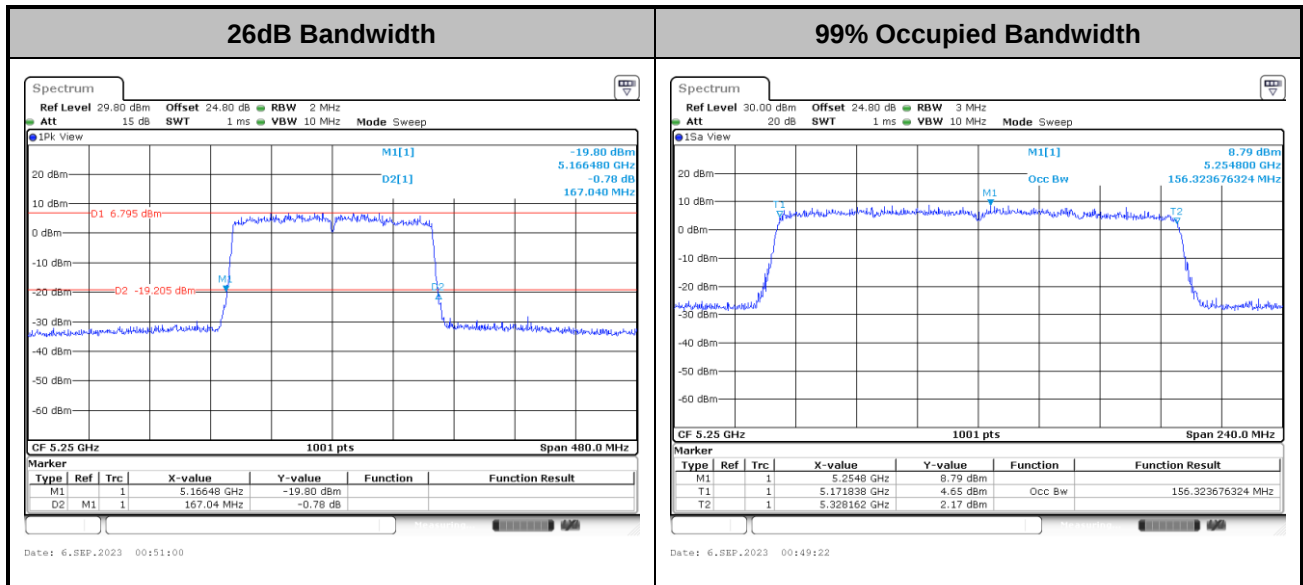
<802.11ax HE80>



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



<802.11ax HE160>



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

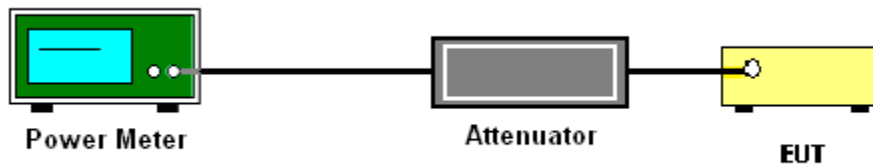
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-2

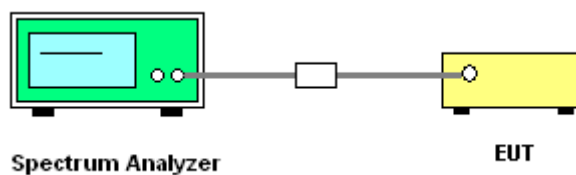
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

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

3.3.4 Test Setup

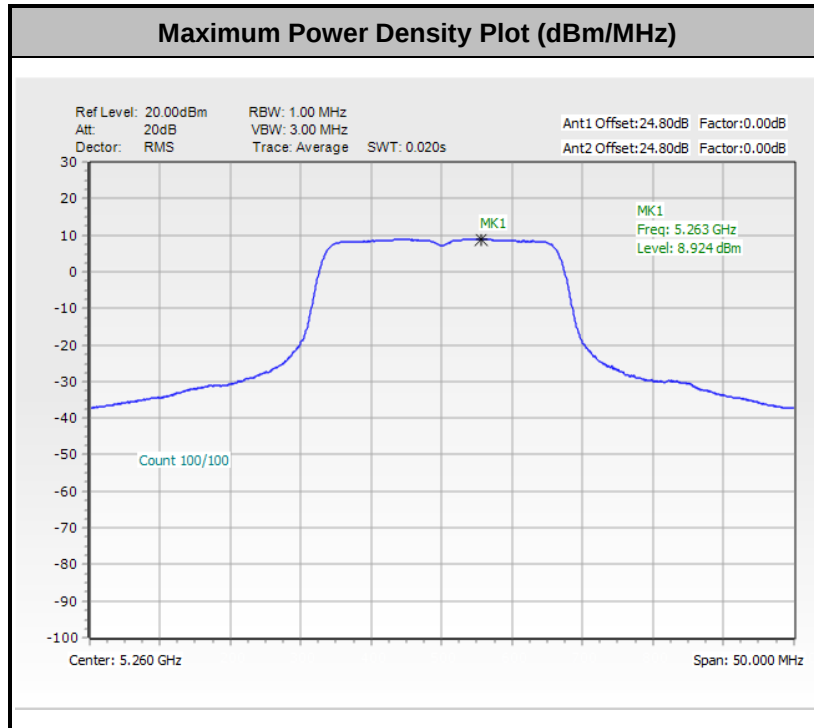


3.3.5 Test Result of Power Spectral Density

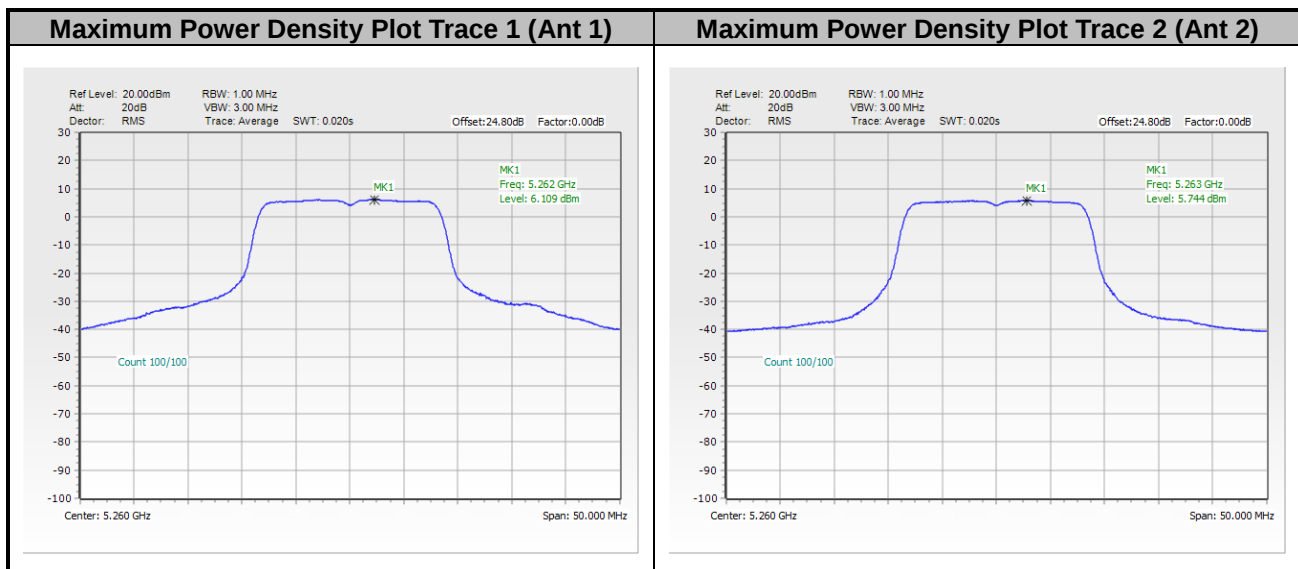
Please refer to Appendix A.



<802.11a>

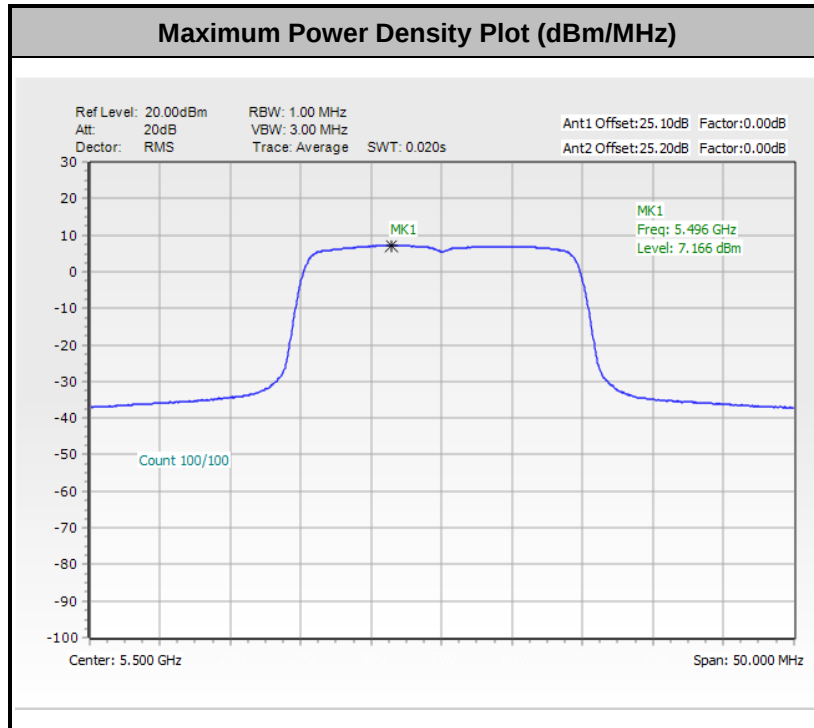


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

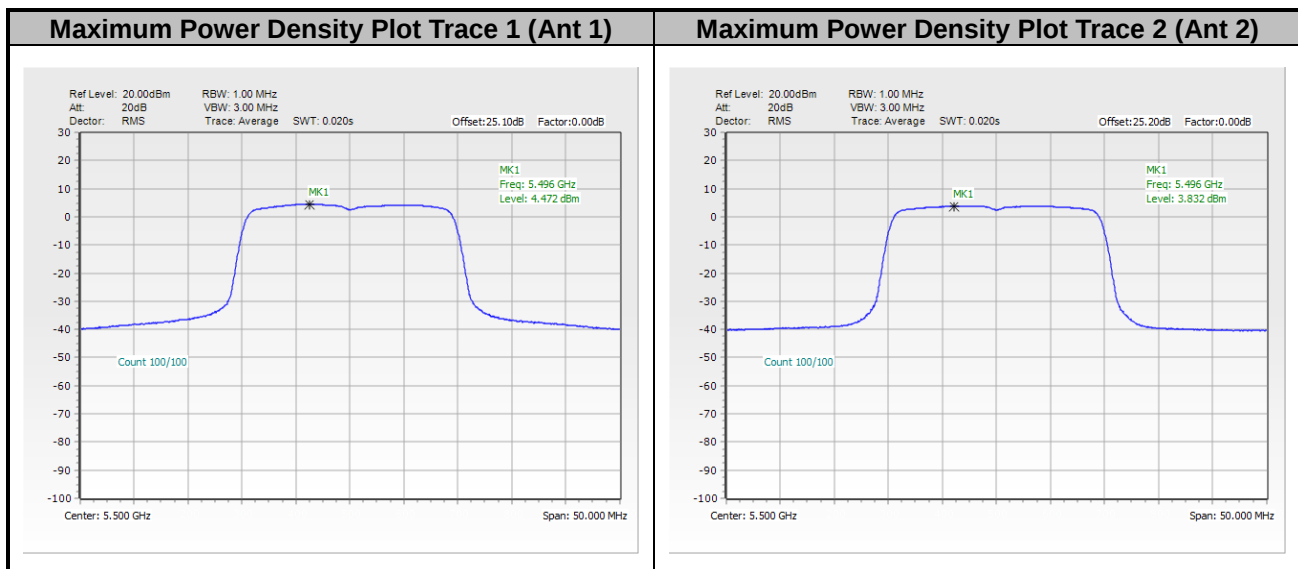




<802.11ax HE20>

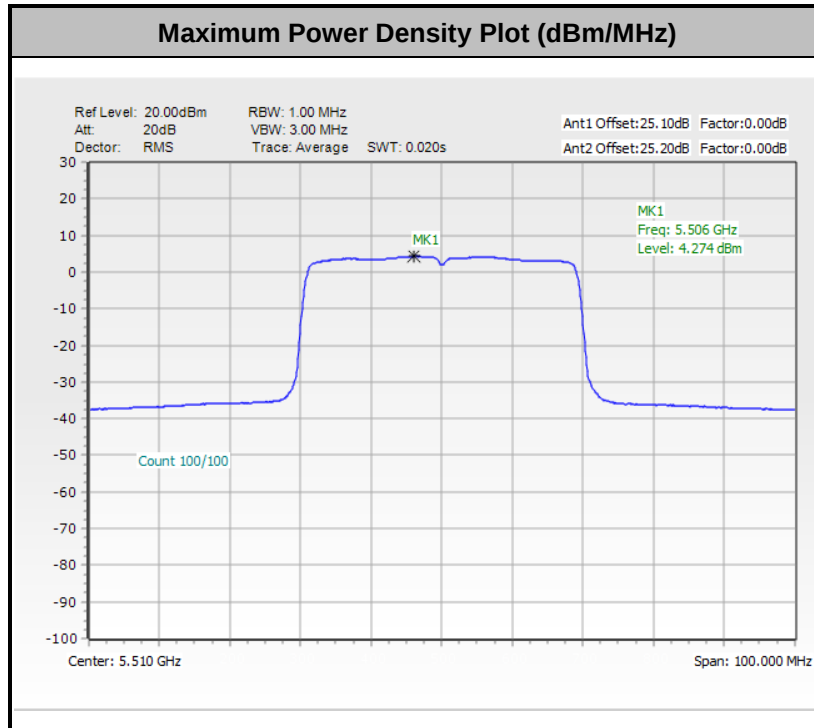


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

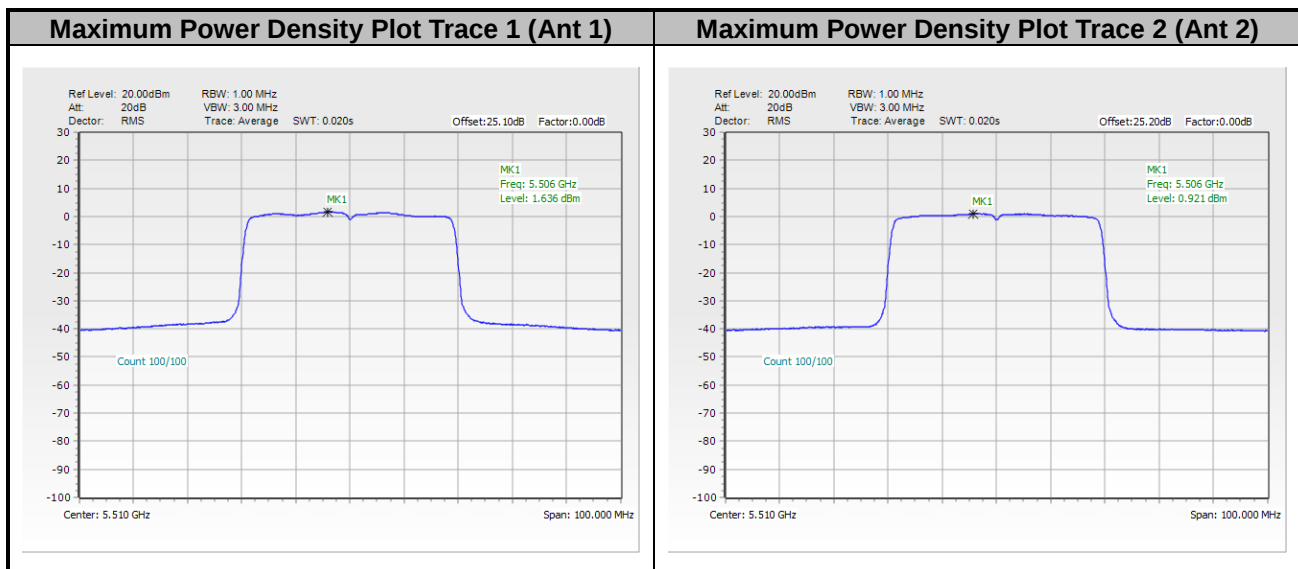




<802.11ax HE40>

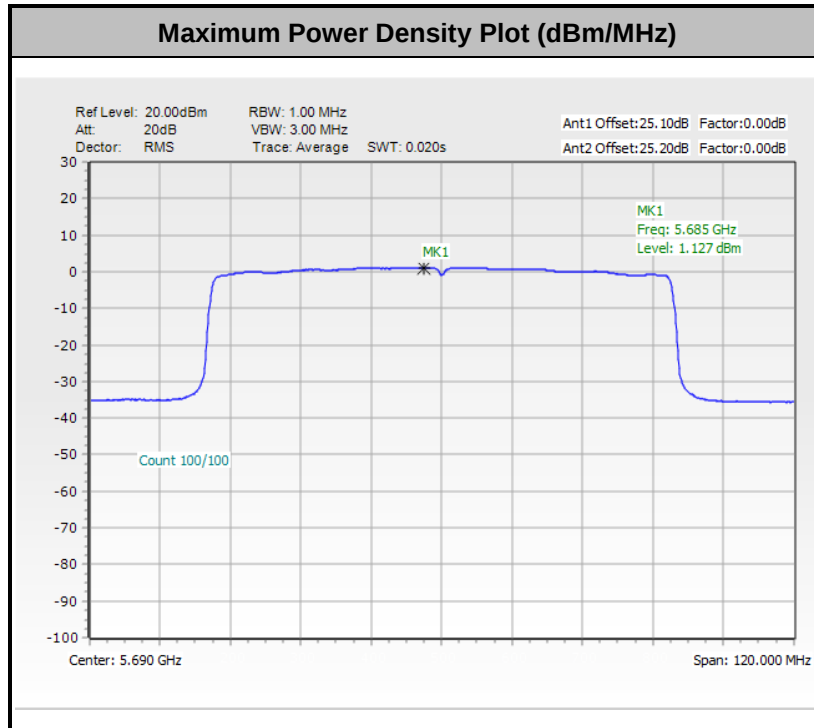


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

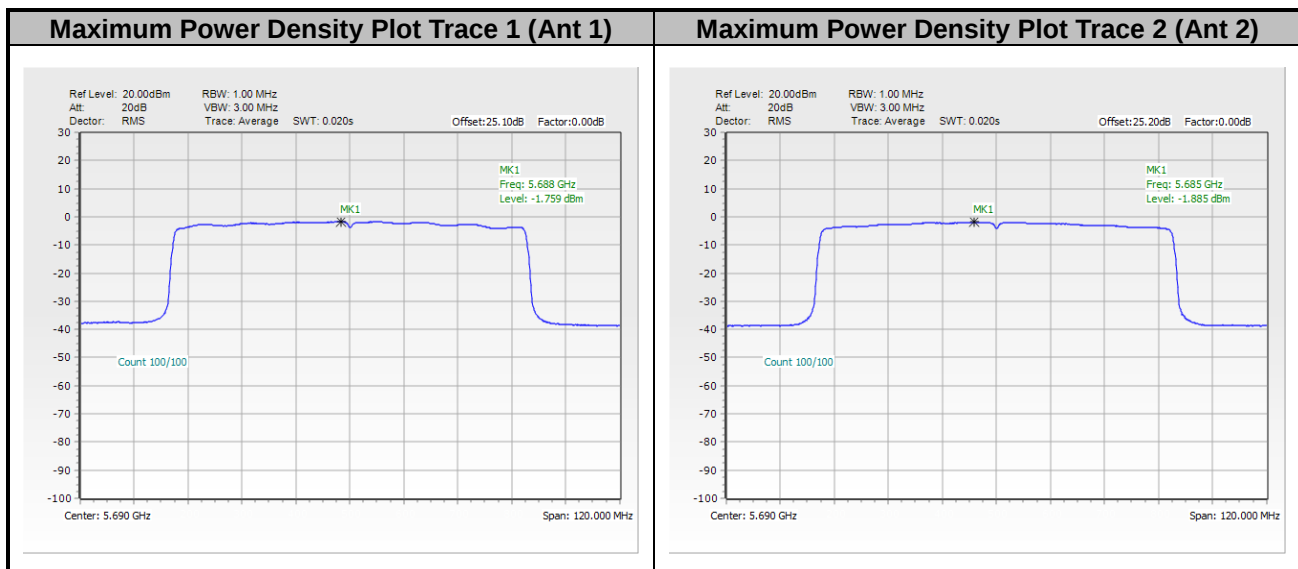




<802.11ax HE80>

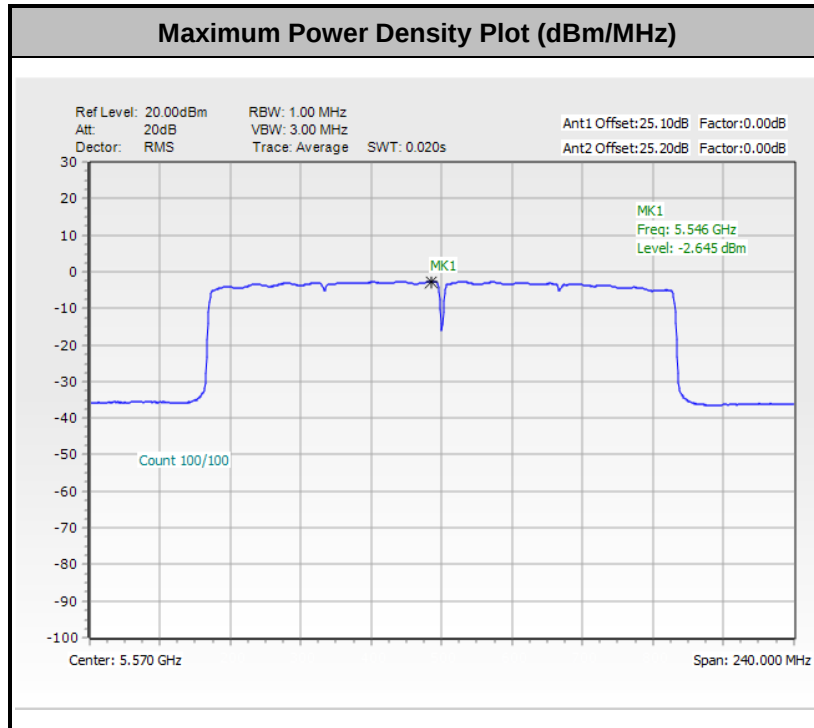


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

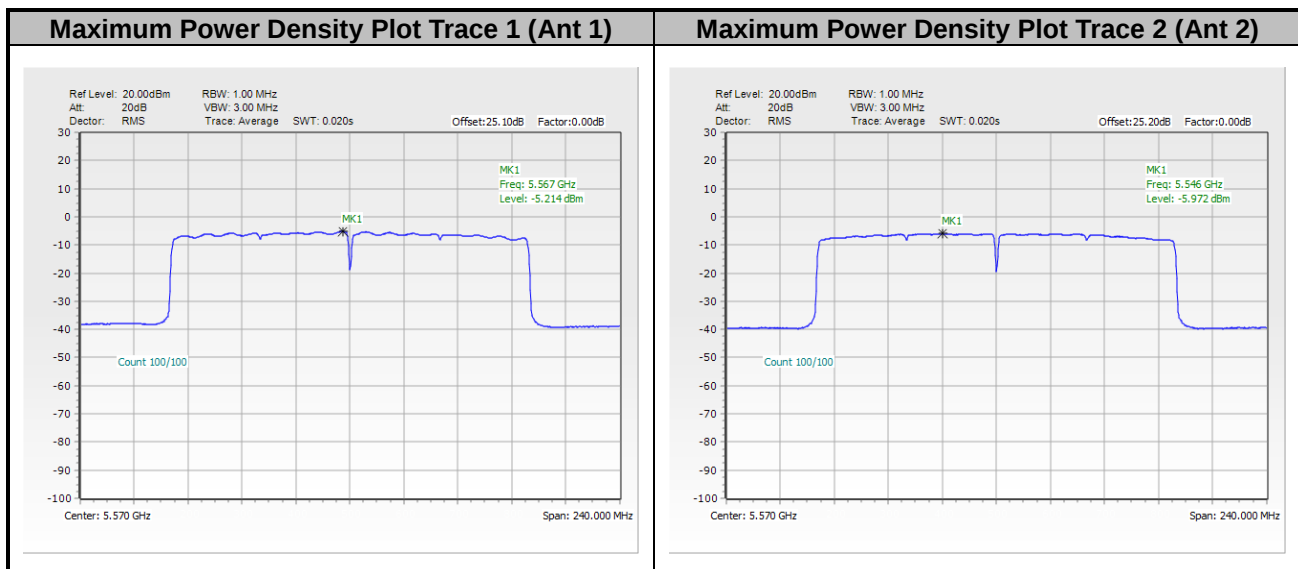




<802.11ax HE160>



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



Note: Average Power Density (dB) = Measured value+ Duty Factor

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

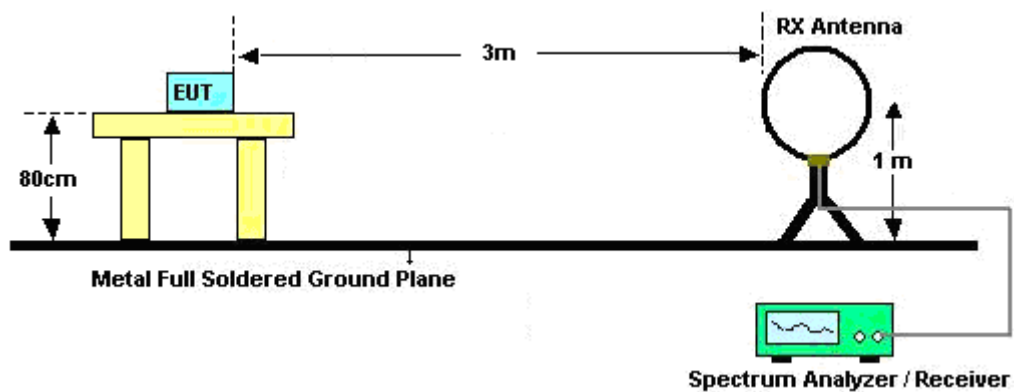
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 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.

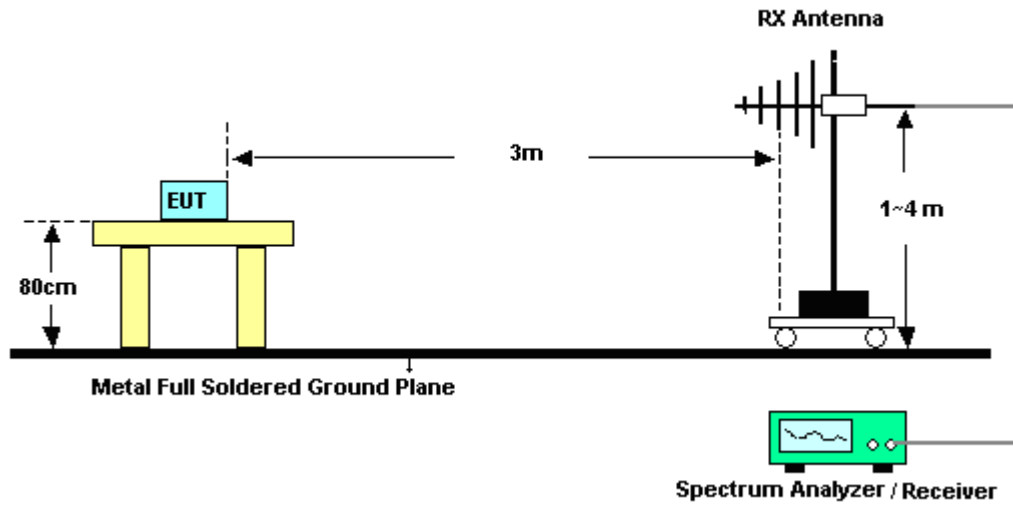
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

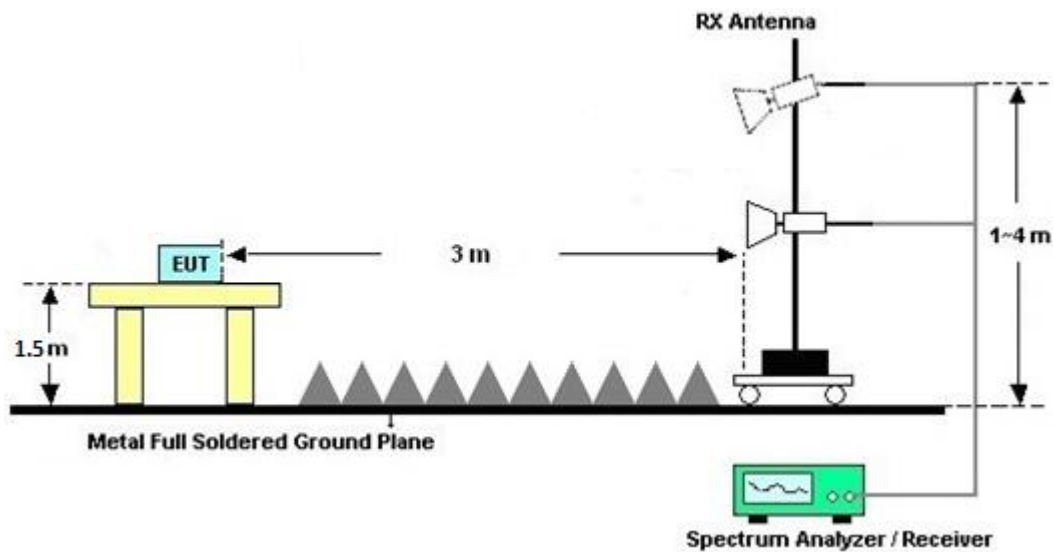
For radiated emissions below 30MHz



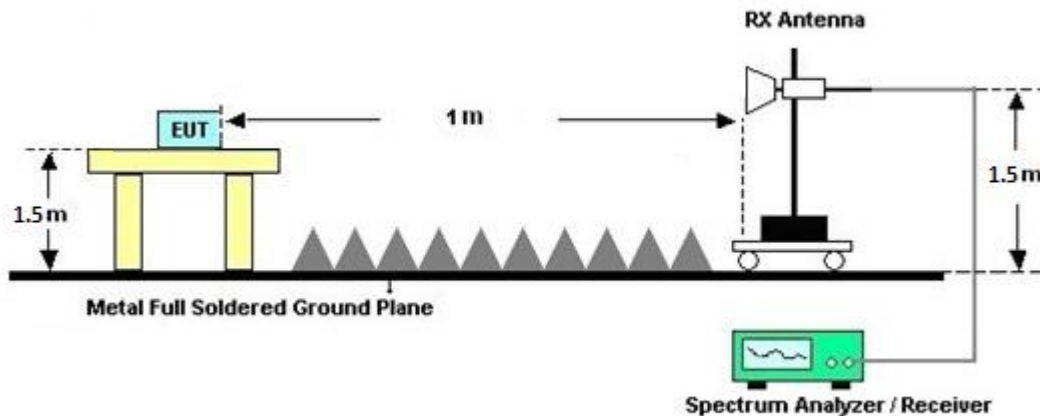
For radiated emissions from 30MHz to 1GHz



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 (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

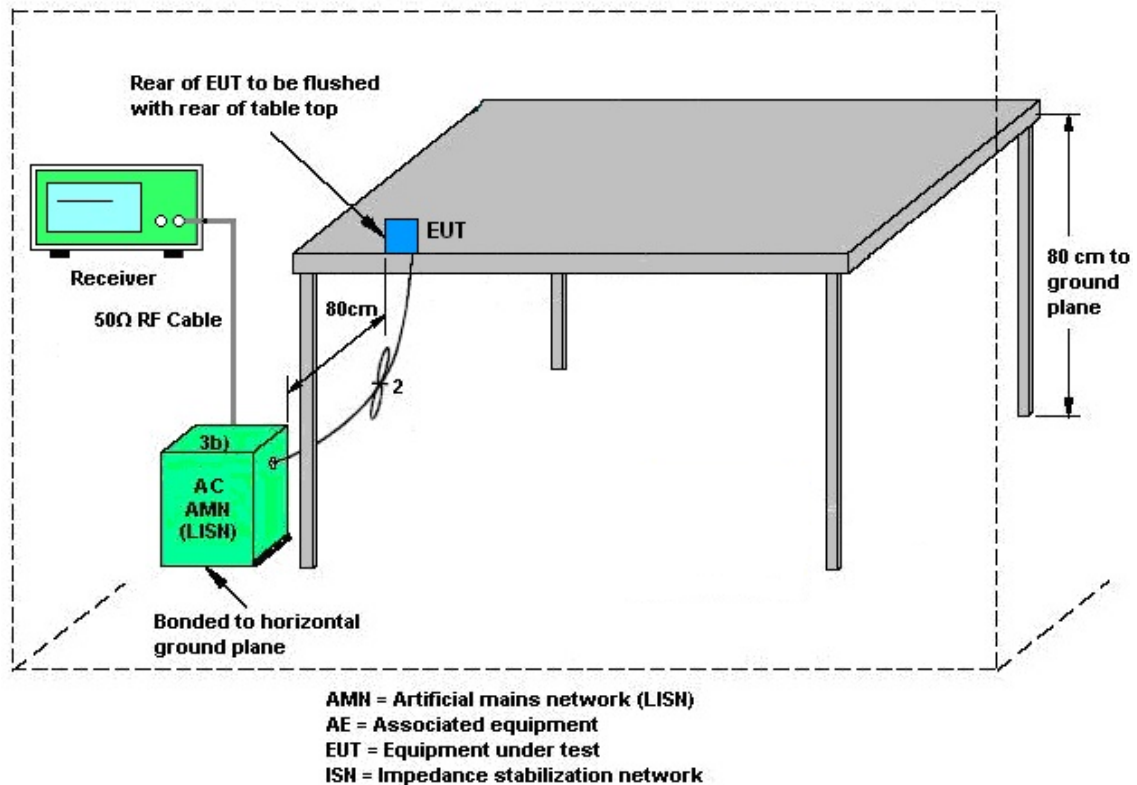
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Aug. 02, 2023~ Sep. 06, 2023	Sep. 19, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 24, 2021	Aug. 02, 2023~ Sep. 06, 2023	Dec. 06, 2023	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2022	Aug. 02, 2023~ Sep. 06, 2023	Nov. 23, 2023	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	Aug. 02, 2023~ Sep. 06, 2023	Jul. 02, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 08, 2022	Aug. 02, 2023~ Sep. 06, 2023	Oct. 07, 2023	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2022	Aug. 02, 2023~ Sep. 06, 2023	Dec. 14, 2023	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9010B	MY60241055	3Hz~26.5GHz	Jul. 26, 2023	Aug. 02, 2023~ Sep. 06, 2023	Jul. 25, 2024	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2022	Aug. 02, 2023~ Sep. 06, 2023	Dec. 14, 2023	Radiation (03CH16-HY)
Signal Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Sep. 11, 2022	Aug. 02, 2023~ Sep. 06, 2023	Sep. 10, 2023	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 23, 2023	Aug. 02, 2023~ Sep. 06, 2023	Mar. 22, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2022	Aug. 02, 2023~ Sep. 06, 2023	Dec. 08, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 26, 2022	Aug. 02, 2023~ Sep. 06, 2023	Dec. 25, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	805935/4	N/A	Aug. 09, 2022	Aug. 02, 2023~ Aug. 07, 2023	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	802434/4	N/A	Aug. 08, 2023	Aug. 08, 2023~ Sep. 06, 2023	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5 757	N/A	Aug. 09, 2022	Aug. 02, 2023~ Aug. 07, 2023	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5 757	N/A	Aug. 08, 2023	Aug. 08, 2023~ Sep. 06, 2023	Aug. 07, 2024	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 02, 2023~ Sep. 06, 2023	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 02, 2023~ Sep. 06, 2023	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 02, 2023~ Sep. 06, 2023	N/A	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Aug. 02, 2023~ Sep. 06, 2023	N/A	Radiation (03CH16-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 17, 2022	Jul. 26, 2023~ Sep. 07, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	Jul. 26, 2023~ Sep. 07, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 13, 2022	Jul. 26, 2023~ Sep. 07, 2023	Sep. 12, 2023	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 27, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2022	Jul. 27, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2022	Jul. 27, 2023	Nov. 16, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2022	Jul. 27, 2023	Nov. 30, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 17, 2022	Jul. 27, 2023	Nov. 16, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jul. 27, 2023	N/A	Conduction (CO05-HY)
ISN Cable	MVE	RG-400	200260	N/A	Dec. 29, 2022	Jul. 27, 2023	Dec. 28, 2023	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Nov. 01, 2022	Jul. 27, 2023	Oct. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	Jul. 27, 2023	Dec. 28, 2023	Conduction (CO05-HY)



5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.5 dB
--	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
--	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
--	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.5 dB
--	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.6 dB
--	--------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Junyu Jhou	Temperature:	21~25	°C
Test Date:	2023/7/26~2023/9/7	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	16.53	16.43	20.16	19.86	-		22.16		-
11a	6Mbps	2	44	5220	16.53	16.48	20.34	19.86	-		22.17		
11a	6Mbps	2	48	5240	16.53	16.43	20.10	19.74	-		22.16		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	17.00	17.00	20.01	24.00		4.00			Pass
11a	6Mbps	2	44	5220	16.70	16.90	19.81	24.00		4.00			Pass
11a	6Mbps	2	48	5240	16.70	16.90	19.81	24.00		4.00			Pass
HT20	MCS0	2	36	5180	15.80	16.00	18.91	24.00		4.00			Pass
HT20	MCS0	2	44	5220	15.90	15.70	18.81	24.00		4.00			Pass
HT20	MCS0	2	48	5240	15.80	15.60	18.71	24.00		4.00			Pass
HT40	MCS0	2	38	5190	15.30	15.60	18.46	24.00		4.00			Pass
HT40	MCS0	2	46	5230	16.00	15.70	18.86	24.00		4.00		-	Pass
VHT20	MCS0	2	36	5180	15.80	16.00	18.91	24.00		4.00			Pass
VHT20	MCS0	2	44	5220	15.90	15.70	18.81	24.00		4.00			Pass
VHT20	MCS0	2	48	5240	15.80	15.60	18.71	24.00		4.00			Pass
VHT40	MCS0	2	38	5190	15.30	15.60	18.46	24.00		4.00			Pass
VHT40	MCS0	2	46	5230	16.00	15.70	18.86	24.00		4.00			Pass
VHT80	MCS0	2	42	5210	14.00	13.70	16.86	24.00		4.00			Pass
VHT160	MCS0	2	50	5250	13.90	13.90	16.91	24.00		4.00			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	0.00	0.00	-		8.75	10.24		6.76	-	Pass
11a	6Mbps	2	44	5220	0.00	0.00			8.63	10.24		6.76		Pass
11a	6Mbps	2	48	5240	0.00	0.00			8.56	10.24		6.76		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.53	16.43	20.22	19.50	23.16		29.16		23.90		-
11a	6Mbps	2	60	5300	16.53	16.43	20.10	19.80	23.16		29.16		23.97		
11a	6Mbps	2	64	5320	16.48	16.43	20.16	19.74	23.16		29.16		23.95		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	17.20	17.00	20.11	23.90		4.00		30	Pass
11a	6Mbps	2	60	5300	16.80	16.70	19.76	23.97		4.00		30	Pass
11a	6Mbps	2	64	5320	16.90	17.00	19.96	23.95		4.00		30	Pass
HT20	MCS0	2	52	5260	16.10	15.80	18.96	23.98		4.00		30	Pass
HT20	MCS0	2	60	5300	15.80	15.60	18.71	23.98		4.00		30	Pass
HT20	MCS0	2	64	5320	15.90	16.00	18.96	23.98		4.00		30	Pass
HT40	MCS0	2	54	5270	16.20	15.80	19.01	23.98		4.00		30	Pass
HT40	MCS0	2	62	5310	15.90	15.90	18.91	23.98		4.00		30	Pass
VHT20	MCS0	2	52	5260	16.10	15.80	18.96	23.98		4.00		30	Pass
VHT20	MCS0	2	60	5300	15.80	15.60	18.71	23.98		4.00		30	Pass
VHT20	MCS0	2	64	5320	15.90	16.00	18.96	23.98		4.00		30	Pass
VHT40	MCS0	2	54	5270	16.20	15.80	19.01	23.98		4.00		30	Pass
VHT40	MCS0	2	62	5310	15.90	15.90	18.91	23.98		4.00		30	Pass
VHT80	MCS0	2	58	5290	15.40	15.30	18.36	23.98		4.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	0.00	0.00	-		8.92	10.19		6.81	-	Pass
11a	6Mbps	2	60	5300	0.00	0.00			8.51	10.19		6.81		Pass
11a	6Mbps	2	64	5320	0.00	0.00			8.34	10.19		6.81		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.53	16.38	19.80	19.32	23.14		29.14		23.86		----	----
11a	6Mbps	2	116	5580	16.48	16.38	20.22	19.68	23.14		29.14		23.94		----	----
11a	6Mbps	2	140	5700	16.48	16.43	19.56	19.56	23.16		29.16		23.91		----	----

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.29	13.19	15.20	14.78	22.20		28.20		22.70		3.25	3.25

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	17.50	17.20	20.36	23.86		4.00		30	Pass
11a	6Mbps	2	116	5580	17.30	16.90	20.11	23.94		4.00		30	Pass
11a	6Mbps	2	140	5700	17.10	16.60	19.87	23.91		4.00		30	Pass
HT20	MCS0	2	100	5500	16.40	16.10	19.26	23.98		4.00		30	Pass
HT20	MCS0	2	116	5580	16.30	15.80	19.07	23.98		4.00		30	Pass
HT20	MCS0	2	140	5700	15.90	15.50	18.71	23.98		4.00		30	Pass
HT40	MCS0	2	102	5510	16.40	16.10	19.26	23.98		4.00		30	Pass
HT40	MCS0	2	110	5550	16.40	16.00	19.21	23.98		4.00		30	Pass
HT40	MCS0	2	134	5670	15.90	15.80	18.86	23.98		4.00		30	Pass
VHT20	MCS0	2	100	5500	16.40	16.10	19.26	23.98		4.00		30	Pass
VHT20	MCS0	2	116	5580	16.30	15.80	19.07	23.98		4.00		30	Pass
VHT20	MCS0	2	140	5700	15.90	15.50	18.71	23.98		4.00		30	Pass
VHT40	MCS0	2	102	5510	16.40	16.10	19.26	23.98		4.00		30	Pass
VHT40	MCS0	2	110	5550	16.40	16.00	19.21	23.98		4.00		30	Pass
VHT40	MCS0	2	134	5670	15.90	15.80	18.86	23.98		4.00		30	Pass
VHT80	MCS0	2	106	5530	14.20	13.60	16.92	23.98		4.00		30	Pass
VHT80	MCS0	2	122	5610	16.20	15.70	18.97	23.98		4.00		30	Pass
VHT160	MCS0	2	114	5570	15.30	15.00	18.16	23.98		4.00		30	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	16.90	16.40	19.67	22.70		4.00		30	Pass
HT20	MCS0	2	144	5720	15.80	15.30	18.57	23.98		4.00		30	Pass
HT40	MCS0	2	142	5710	15.90	15.60	18.76	23.98		4.00		30	Pass
VHT20	MCS0	2	144	5720	15.80	15.30	18.57	23.98		4.00		30	Pass
VHT40	MCS0	2	142	5710	15.90	15.60	18.76	23.98		4.00		30	Pass
VHT80	MCS0	2	138	5690	15.90	15.80	18.86	23.98		4.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	100	5500	0.00	0.00	-		8.67	10.09		6.91		Pass
11a	6Mbps	2	116	5580	0.00	0.00			8.45	10.09		6.91		Pass
11a	6Mbps	2	140	5700	0.00	0.00			8.39	10.09		6.91		Pass

U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	144	5720	0.00	0.00	-		8.11	10.09		6.91		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	36	5180	Full	18.93	18.98	21.48	21.36	-	-	22.77	-	-
HE20	MCS0	2	44	5220	Full	18.93	18.88	21.78	21.36	-	-	22.76	-	
HE20	MCS0	2	48	5240	Full	18.93	18.93	21.66	21.36	-	-	22.77	-	
HE40	MCS0	2	38	5190	Full	37.96	37.96	41.64	41.76	-	-	23.01	-	
HE40	MCS0	2	46	5230	Full	37.96	37.96	41.88	41.76	-	-	23.01	-	
HE80	MCS0	2	42	5210	Full	77.20	77.20	83.52	82.80	-	-	23.01	-	
HE160	MCS0	2	50	5250	Full	156.32	156.32	167.04	167.52	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	15.90	16.10	19.01	24.00		4.00			Pass
HE20	MCS0	2	36	5180	26/0	6.40	6.10	9.26	24.00		4.00			Pass
HE20	MCS0	2	36	5180	52/37	9.30	9.40	12.36	24.00		4.00			Pass
HE20	MCS0	2	36	5180	106/53	12.50	12.30	15.41	24.00		4.00			Pass
HE20	MCS0	2	44	5220	Full	16.00	15.80	18.91	24.00		4.00			Pass
HE20	MCS0	2	44	5220	26/4	7.50	7.60	10.56	24.00		4.00			Pass
HE20	MCS0	2	44	5220	52/38	8.90	9.00	11.96	24.00		4.00			Pass
HE20	MCS0	2	44	5220	106/53	12.20	12.40	15.31	24.00		4.00			Pass
HE20	MCS0	2	48	5240	Full	15.90	15.70	18.81	24.00		4.00			Pass
HE20	MCS0	2	48	5240	26/8	5.90	6.20	9.06	24.00		4.00			Pass
HE20	MCS0	2	48	5240	52/40	9.10	9.20	12.16	24.00		4.00			Pass
HE20	MCS0	2	48	5240	106/54	11.90	12.20	15.06	24.00		4.00			Pass
HE40	MCS0	2	38	5190	Full	15.40	15.70	18.56	24.00		4.00			Pass
HE40	MCS0	2	38	5190	242/61	12.90	12.80	15.86	24.00		4.00			Pass
HE40	MCS0	2	46	5230	Full	16.10	15.80	18.96	24.00		4.00			Pass
HE40	MCS0	2	46	5230	242/62	12.50	13.00	15.77	24.00		4.00			Pass
HE80	MCS0	2	42	5210	Full	14.10	13.80	16.96	24.00		4.00			Pass
HE80	MCS0	2	42	5210	484/65	11.00	11.20	14.11	24.00		4.00			Pass
HE160	MCS0	2	50	5250	Full	14.00	14.00	17.01	24.00		4.00			Pass
HE160	MCS0	2	50	5250	996/67	10.80	11.20	14.01	24.00		4.00			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	36	5180	Full	0.00	0.00			6.84	10.24	6.76			Pass	
HE20	MCS0	2	36	5180	26/0	0.00	0.00			6.45	10.24	6.76			Pass	
HE20	MCS0	2	36	5180	52/37	0.00	0.00			6.41	10.24	6.76			Pass	
HE20	MCS0	2	36	5180	106/53	0.00	0.00			6.33	10.24	6.76			Pass	
HE20	MCS0	2	44	5220	Full	0.00	0.00			6.76	10.24	6.76			Pass	
HE20	MCS0	2	44	5220	26/4	0.00	0.00			6.66	10.24	6.76			Pass	
HE20	MCS0	2	44	5220	52/38	0.00	0.00			6.30	10.24	6.76			Pass	
HE20	MCS0	2	44	5220	106/53	0.00	0.00			6.43	10.24	6.76			Pass	
HE20	MCS0	2	48	5240	Full	0.00	0.00			6.66	10.24	6.76			Pass	
HE20	MCS0	2	48	5240	26/8	0.00	0.00			6.60	10.24	6.76			Pass	
HE20	MCS0	2	48	5240	52/40	0.00	0.00			6.51	10.24	6.76			Pass	
HE20	MCS0	2	48	5240	106/54	0.00	0.00			6.47	10.24	6.76			Pass	
HE40	MCS0	2	38	5190	Full	0.00	0.00			3.51	10.24	6.76			Pass	
HE40	MCS0	2	38	5190	242/61	0.00	0.00			3.46	10.24	6.76			Pass	
HE40	MCS0	2	46	5230	Full	0.00	0.00			3.85	10.24	6.76			Pass	
HE40	MCS0	2	46	5230	242/62	0.00	0.00			3.54	10.24	6.76			Pass	
HE80	MCS0	2	42	5210	Full	0.00	0.00		-1.00	10.24	6.76			Pass		
HE80	MCS0	2	42	5210	484/65	0.05	0.06		-1.21	10.24	6.76			Pass		
HE160	MCS0	2	50	5250	Full	0.00	0.00		-4.08	10.24	6.76			Pass		
HE160	MCS0	2	50	5250	996/67	0.05	0.06		-4.15	10.24	6.76			Pass		

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	52	5260	Full	18.88	18.88	21.36	21.30	23.76		29.76		23.98		
HE20	MCS0	2	60	5300	Full	18.88	18.88	21.48	21.36	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	Full	18.93	18.93	21.48	21.24	23.77		29.77		23.98		
HE40	MCS0	2	54	5270	Full	37.86	37.96	41.88	41.64	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	37.96	42.00	41.64	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.20	77.32	83.04	83.04	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	16.20	15.90	19.06	23.98		4.00		30	Pass
HE20	MCS0	2	52	5260	26/0	6.50	6.20	9.36	23.98		4.00		30	Pass
HE20	MCS0	2	52	5260	52/37	9.50	9.00	12.27	23.98		4.00		30	Pass
HE20	MCS0	2	52	5260	106/53	12.40	12.40	15.41	23.98		4.00		30	Pass
HE20	MCS0	2	60	5300	Full	15.90	15.70	18.81	23.98		4.00		30	Pass
HE20	MCS0	2	60	5300	26/4	6.80	7.10	9.96	23.98		4.00		30	Pass
HE20	MCS0	2	60	5300	52/38	9.00	8.70	11.86	23.98		4.00		30	Pass
HE20	MCS0	2	60	5300	106/53	12.00	12.20	15.11	23.98		4.00		30	Pass
HE20	MCS0	2	64	5320	Full	16.00	16.10	19.06	23.98		4.00		30	Pass
HE20	MCS0	2	64	5320	26/8	6.20	5.90	9.06	23.98		4.00		30	Pass
HE20	MCS0	2	64	5320	52/40	9.20	9.30	12.26	23.98		4.00		30	Pass
HE20	MCS0	2	64	5320	106/54	12.20	12.20	15.21	23.98		4.00		30	Pass
HE40	MCS0	2	54	5270	Full	16.30	15.90	19.11	23.98		4.00		30	Pass
HE40	MCS0	2	54	5270	242/61	13.20	13.40	16.31	23.98		4.00		30	Pass
HE40	MCS0	2	62	5310	Full	16.00	16.00	19.01	23.98		4.00		30	Pass
HE40	MCS0	2	62	5310	242/62	12.90	13.00	15.96	23.98		4.00		30	Pass
HE80	MCS0	2	58	5290	Full	15.50	15.40	18.46	23.98		4.00		30	Pass
HE80	MCS0	2	58	5290	484/66	12.40	12.40	15.41	23.98		4.00		30	Pass
HE160	MCS0	2	50	5250	996/S67	10.30	10.70	13.51	23.98		4.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO																
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass. /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	52	5260	Full	0.00	0.00	-		6.94	10.19	6.81	-		Pass	
HE20	MCS0	2	52	5260	26/0	0.00	0.00			6.78	10.19	6.81			Pass	
HE20	MCS0	2	52	5260	52/37	0.00	0.00			6.61	10.19	6.81			Pass	
HE20	MCS0	2	52	5260	106/53	0.00	0.00			6.71	10.19	6.81			Pass	
HE20	MCS0	2	60	5300	Full	0.00	0.00			6.58	10.19	6.81			Pass	
HE20	MCS0	2	60	5300	26/4	0.00	0.00			6.14	10.19	6.81			Pass	
HE20	MCS0	2	60	5300	52/38	0.00	0.00			6.36	10.19	6.81			Pass	
HE20	MCS0	2	60	5300	106/53	0.00	0.00			6.48	10.19	6.81			Pass	
HE20	MCS0	2	64	5320	Full	0.00	0.00			6.69	10.19	6.81			Pass	
HE20	MCS0	2	64	5320	26/8	0.00	0.00			6.58	10.19	6.81			Pass	
HE20	MCS0	2	64	5320	52/40	0.00	0.00			6.57	10.19	6.81			Pass	
HE20	MCS0	2	64	5320	106/54	0.00	0.00			6.47	10.19	6.81			Pass	
HE40	MCS0	2	54	5270	Full	0.00	0.00			4.05	10.19	6.81			Pass	
HE40	MCS0	2	54	5270	242/61	0.00	0.00			3.80	10.19	6.81			Pass	
HE40	MCS0	2	62	5310	Full	0.00	0.00			3.70	10.19	6.81			Pass	
HE40	MCS0	2	62	5310	242/62	0.00	0.00			3.64	10.19	6.81			Pass	
HE80	MCS0	2	58	5290	Full	0.00	0.00			0.49	10.19	6.81			Pass	
HE80	MCS0	2	58	5290	484/66	0.05	0.06			0.27	10.19	6.81			Pass	
HE160	MCS0	2	50	5250	996/S67	0.05	0.06			-4.44	10.19	6.81			Pass	

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	100	5500	Full	18.88	18.88	21.48	21.60	23.76		29.76		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.88	18.93	21.30	21.30	23.76		29.76		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.88	18.93	21.42	21.36	23.76		29.76		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.86	37.96	41.52	41.76	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.96	37.96	41.76	41.88	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.96	37.96	42.00	41.52	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.20	77.20	83.04	83.04	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	77.32	77.20	83.04	83.04	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	156.80	156.32	165.60	165.60	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	144	5720	Full	14.44	14.44	15.68	15.80	22.60		28.60		22.95		4.3	4.55
HE40	MCS0	2	142	5710	Full	33.98	33.98	35.88	35.88	23.98		30.00		23.98		3.9	3.99
HE80	MCS0	2	138	5690	Full	73.60	73.60	76.28	76.52	23.98		30.00		23.98		4.04	3.56

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	100	5500	Full	16.50	16.20	19.36	23.98		4.00		30	Pass
HE20	MCS0	2	100	5500	26/0	6.50	6.60	9.56	23.98		4.00		30	Pass
HE20	MCS0	2	100	5500	52/37	10.00	10.00	13.01	23.98		4.00		30	Pass
HE20	MCS0	2	100	5500	106/53	12.40	12.50	15.46	23.98		4.00		30	Pass
HE20	MCS0	2	116	5580	Full	16.40	15.90	19.17	23.98		4.00		30	Pass
HE20	MCS0	2	116	5580	26/4	7.70	7.80	10.76	23.98		4.00		30	Pass
HE20	MCS0	2	116	5580	52/38	10.10	9.60	12.87	23.98		4.00		30	Pass
HE20	MCS0	2	116	5580	106/53	12.70	12.70	15.71	23.98		4.00		30	Pass
HE20	MCS0	2	140	5700	Full	16.00	15.60	18.81	23.98		4.00		30	Pass
HE20	MCS0	2	140	5700	26/8	6.10	5.90	9.01	23.98		4.00		30	Pass
HE20	MCS0	2	140	5700	52/40	9.00	8.80	11.91	23.98		4.00		30	Pass
HE20	MCS0	2	140	5700	106/54	11.80	12.00	14.91	23.98		4.00		30	Pass
HE40	MCS0	2	102	5510	Full	16.50	16.20	19.36	23.98		4.00		30	Pass
HE40	MCS0	2	102	5510	242/61	13.40	13.40	16.41	23.98		4.00		30	Pass
HE40	MCS0	2	110	5550	Full	16.50	16.10	19.31	23.98		4.00		30	Pass
HE40	MCS0	2	110	5550	242/61	12.60	12.90	15.76	23.98		4.00		30	Pass
HE40	MCS0	2	134	5670	Full	16.00	15.90	18.96	23.98		4.00		30	Pass
HE40	MCS0	2	134	5670	242/62	12.80	13.10	15.96	23.98		4.00		30	Pass
HE80	MCS0	2	106	5530	Full	14.30	13.70	17.02	23.98		4.00		30	Pass
HE80	MCS0	2	106	5530	484/65	11.10	11.10	14.11	23.98		4.00		30	Pass
HE80	MCS0	2	122	5610	Full	16.30	15.80	19.07	23.98		4.00		30	Pass
HE80	MCS0	2	122	5610	484/66	12.20	12.10	15.16	23.98		4.00		30	Pass
HE160	MCS0	2	114	5570	Full	15.40	15.10	18.26	23.98		4.00		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	144	5720	Full	15.90	15.40	18.67	22.95		4.00		30	Pass
HE20	MCS0	2	144	5720	26/8	5.90	5.80	8.86	22.95		4.00		30	Pass
HE20	MCS0	2	144	5720	52/40	9.10	8.80	11.96	22.95		4.00		30	Pass
HE20	MCS0	2	144	5720	106/54	12.10	12.40	15.26	22.95		4.00		30	Pass
HE40	MCS0	2	142	5710	Full	16.00	15.70	18.86	23.98		4.00		30	Pass
HE40	MCS0	2	142	5710	242/62	13.10	12.70	15.91	23.98		4.00		30	Pass
HE80	MCS0	2	138	5690	Full	16.00	15.90	18.96	23.98		4.00		30	Pass
HE80	MCS0	2	138	5690	484/66	13.30	12.80	16.07	23.98		4.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	100	5500	Full	0.00	0.00	-		7.17	10.09	6.91	-	Pass	
HE20	MCS0	2	100	5500	26/0	0.00	0.00			6.80	10.09	6.91		Pass	
HE20	MCS0	2	100	5500	52/37	0.00	0.00			7.06	10.09	6.91		Pass	
HE20	MCS0	2	100	5500	106/53	0.00	0.00			6.53	10.09	6.91		Pass	
HE20	MCS0	2	116	5580	Full	0.00	0.00			7.12	10.09	6.91		Pass	
HE20	MCS0	2	116	5580	26/4	0.00	0.00			6.92	10.09	6.91		Pass	
HE20	MCS0	2	116	5580	52/38	0.00	0.00			7.08	10.09	6.91		Pass	
HE20	MCS0	2	116	5580	106/53	0.00	0.00			6.99	10.09	6.91		Pass	
HE20	MCS0	2	140	5700	Full	0.00	0.00			6.85	10.09	6.91		Pass	
HE20	MCS0	2	140	5700	26/8	0.00	0.00			6.50	10.09	6.91		Pass	
HE20	MCS0	2	140	5700	52/40	0.00	0.00			6.42	10.09	6.91		Pass	
HE20	MCS0	2	140	5700	106/54	0.00	0.00			6.36	10.09	6.91		Pass	
HE40	MCS0	2	102	5510	Full	0.00	0.00			4.27	10.09	6.91		Pass	
HE40	MCS0	2	102	5510	242/61	0.00	0.00			4.10	10.09	6.91		Pass	
HE40	MCS0	2	110	5550	Full	0.00	0.00			4.04	10.09	6.91		Pass	
HE40	MCS0	2	110	5550	242/61	0.00	0.00			3.40	10.09	6.91		Pass	
HE40	MCS0	2	134	5670	Full	0.00	0.00			3.87	10.09	6.91		Pass	
HE40	MCS0	2	134	5670	242/62	0.00	0.00			3.65	10.09	6.91		Pass	
HE80	MCS0	2	106	5530	Full	0.00	0.00			-1.00	10.09	6.91		Pass	
HE80	MCS0	2	106	5530	484/65	0.05	0.06			-1.16	10.09	6.91		Pass	
HE80	MCS0	2	122	5610	Full	0.00	0.00			1.10	10.09	6.91		Pass	
HE80	MCS0	2	122	5610	484/66	0.05	0.06			0.07	10.09	6.91		Pass	
HE160	MCS0	2	114	5570	Full	0.00	0.00			-2.65	10.09	6.91		Pass	
HE160	MCS0	2	114	5570	996/67	0.05	0.06			-2.74	10.09	6.91		Pass	
HE160	MCS0	2	114	5570	996/S67	0.05	0.06			-2.85	10.09	6.91		Pass	

U-NII-2C straddle channel MIMO															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	144	5720	Full	0.00	0.00			6.77	10.09	6.91			Pass
HE20	MCS0	2	144	5720	26/8	0.00	0.00			6.33	10.09	6.91			Pass
HE20	MCS0	2	144	5720	52/40	0.00	0.00			6.32	10.09	6.91			Pass
HE20	MCS0	2	144	5720	106/54	0.00	0.00			6.69	10.09	6.91			Pass
HE40	MCS0	2	142	5710	Full	0.00	0.00			3.89	10.09	6.91			Pass
HE40	MCS0	2	142	5710	242/62	0.00	0.00			3.75	10.09	6.91			Pass
HE80	MCS0	2	138	5690	Full	0.00	0.00			1.13	10.09	6.91			Pass
HE80	MCS0	2	138	5690	484/66	0.05	0.06			0.95	10.09	6.91			Pass



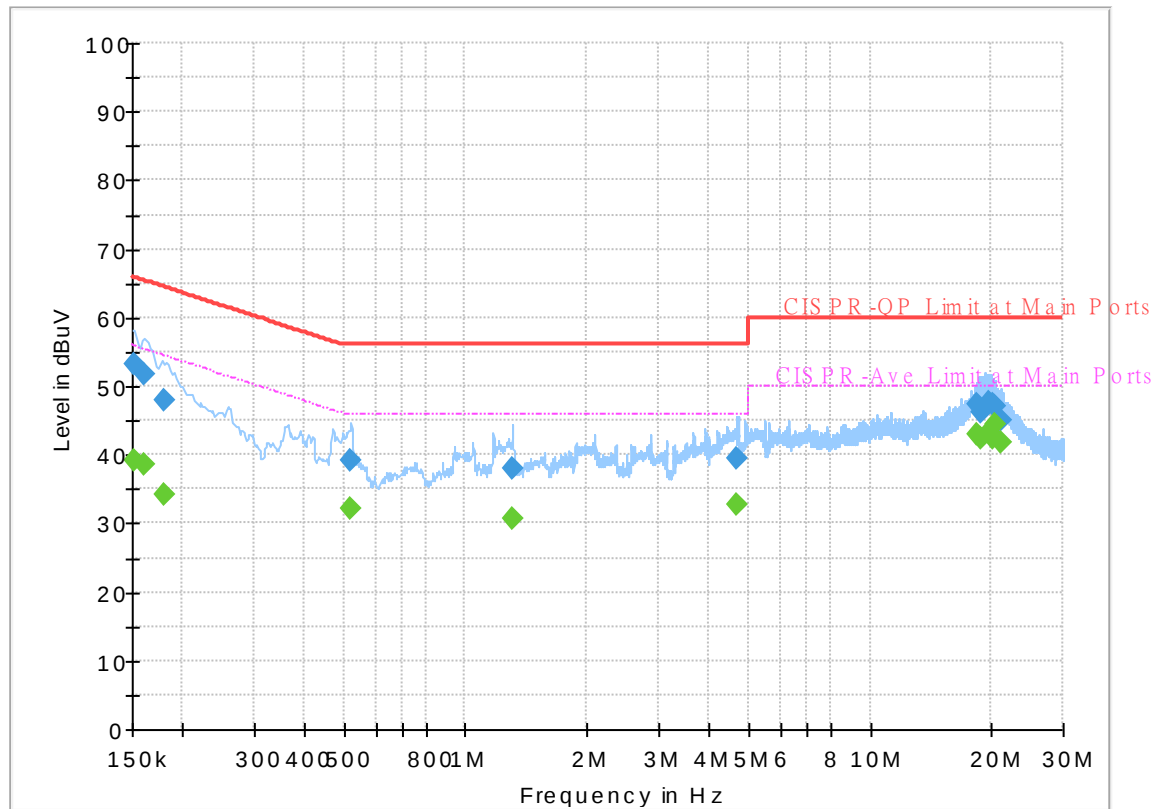
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 371809
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

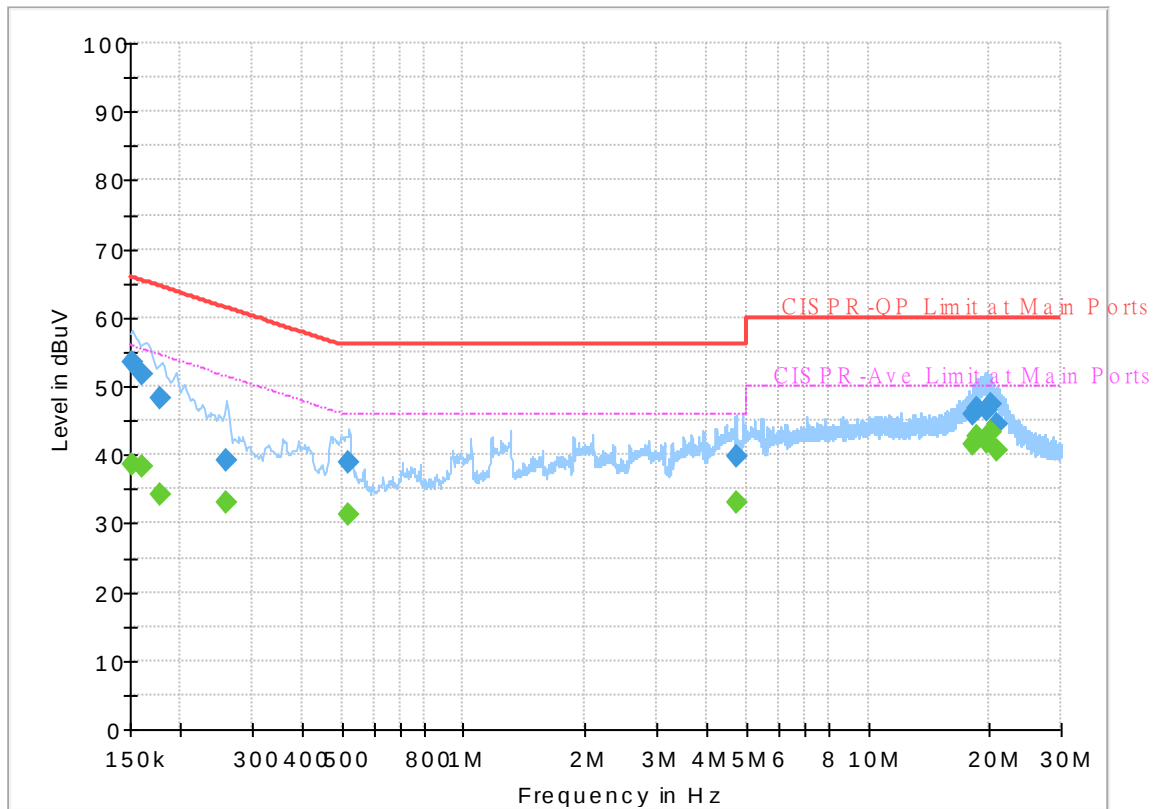
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	39.11	55.88	16.77	L1	OFF	19.7
0.152250	53.32	---	65.88	12.56	L1	OFF	19.7
0.161250	---	38.50	55.40	16.90	L1	OFF	19.7
0.161250	51.73	---	65.40	13.67	L1	OFF	19.7
0.179250	---	34.17	54.52	20.35	L1	OFF	19.7
0.179250	48.09	---	64.52	16.43	L1	OFF	19.7
0.521250	---	32.05	46.00	13.95	L1	OFF	19.7
0.521250	39.23	---	56.00	16.77	L1	OFF	19.7
1.304250	---	30.71	46.00	15.29	L1	OFF	19.8
1.304250	38.01	---	56.00	17.99	L1	OFF	19.8
4.683750	---	32.74	46.00	13.26	L1	OFF	19.9
4.683750	39.48	---	56.00	16.52	L1	OFF	19.9
18.350250	---	43.12	50.00	6.88	L1	OFF	20.3
18.350250	47.23	---	60.00	12.77	L1	OFF	20.3
18.874500	---	42.52	50.00	7.48	L1	OFF	20.3
18.874500	46.15	---	60.00	13.85	L1	OFF	20.3
19.569750	---	43.21	50.00	6.79	L1	OFF	20.3
19.569750	47.80	---	60.00	12.20	L1	OFF	20.3
20.177250	---	42.36	50.00	7.64	L1	OFF	20.3
20.177250	47.31	---	60.00	12.69	L1	OFF	20.3
20.400000	---	44.47	50.00	5.53	L1	OFF	20.3

20.400000	46.98	---	60.00	13.02	L1	OFF	20.3
21.007500	---	41.81	50.00	8.19	L1	OFF	20.3
21.007500	44.96	---	60.00	15.04	L1	OFF	20.3

EUT Information

Report NO : 371809
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	38.70	55.88	17.18	N	OFF	19.7
0.152250	53.39	---	65.88	12.49	N	OFF	19.7
0.161250	---	38.21	55.40	17.19	N	OFF	19.7
0.161250	51.78	---	65.40	13.62	N	OFF	19.7
0.177000	---	34.31	54.63	20.32	N	OFF	19.7
0.177000	48.22	---	64.63	16.41	N	OFF	19.7
0.258000	---	33.15	51.50	18.35	N	OFF	19.7
0.258000	39.09	---	61.50	22.41	N	OFF	19.7
0.521250	---	31.20	46.00	14.80	N	OFF	19.7
0.521250	38.78	---	56.00	17.22	N	OFF	19.7
4.710750	---	32.90	46.00	13.10	N	OFF	19.9
4.710750	39.66	---	56.00	16.34	N	OFF	19.9
18.091500	---	41.41	50.00	8.59	N	OFF	20.4
18.091500	45.96	---	60.00	14.04	N	OFF	20.4
18.613500	---	42.61	50.00	7.39	N	OFF	20.4
18.613500	46.65	---	60.00	13.35	N	OFF	20.4
19.574250	---	41.96	50.00	8.04	N	OFF	20.4
19.574250	46.61	---	60.00	13.39	N	OFF	20.4
20.177250	---	43.40	50.00	6.60	N	OFF	20.4
20.177250	47.28	---	60.00	12.72	N	OFF	20.4
20.793750	---	40.67	50.00	9.33	N	OFF	20.5

20.793750	44.49	---	60.00	15.51	N	OFF	20.5
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Appendix C. Radiated Spurious Emission

Test Engineer :	Jack Tasi, Gary Guo and Steven Wu	Temperature :	20~25°C
		Relative Humidity :	65~68%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5050.18	54.73	-19.27	74	39.96	33.2	10.95	29.38	262	232	P	H
		5150	45.36	-8.64	54	30.87	33	10.96	29.47	262	232	A	H
	*	5180	110.58	-	-	96.12	33	10.96	29.5	262	232	P	H
		6904	61.31	-6.89	68.2	42.97	35.81	12.87	30.34	200	177	P	H
	*	5180	103.87	-	-	89.41	33	10.96	29.5	262	232	A	H
													H
													H
													H
		5150	56.88	-17.12	74	42.39	33	10.96	29.47	212	26	P	V
		5150	47.18	-6.82	54	32.69	33	10.96	29.47	212	26	A	V
	*	5180	112.4	-	-	97.94	33	10.96	29.5	212	26	P	V
		5758	60.15	-8.05	68.2	44.57	33.73	11.75	29.9	124	19	P	V
		6904	62.19	-6.01	68.2	43.85	35.81	12.87	30.34	300	30	P	V
	*	5180	106	-	-	91.54	33	10.96	29.5	212	26	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		5037.18	54.05	-19.95	74	39.26	33.2	10.95	29.36	400	166	P	H
		5063.7	41.99	-12.01	54	27.28	33.15	10.95	29.39	400	166	A	H
	*	5220	112.03	-	-	97.63	32.96	10.98	29.54	400	166	P	H
		5758	57.54	-10.66	68.2	41.96	33.73	11.75	29.9	310	181	P	H
		6958	62.67	-5.53	68.2	44.19	35.9	12.94	30.36	200	182	P	H
	*	5220	104.57	-	-	90.17	32.96	10.98	29.54	400	166	A	H
		5444.32	53.13	-20.87	74	38.74	32.9	11.24	29.75	400	166	P	H
		5376.28	41.06	-12.94	54	26.71	32.9	11.13	29.68	400	166	A	H
		5012.74	54.46	-19.54	74	39.65	33.2	10.95	29.34	212	343	P	V
		5065.52	43.07	-10.93	54	28.37	33.14	10.95	29.39	212	343	A	V
	*	5220	114.24	-	-	99.84	32.96	10.98	29.54	212	343	P	V
		5758	59.68	-8.52	68.2	44.1	33.73	11.75	29.9	127	19	P	V
	*	5220	107.61	-	-	93.21	32.96	10.98	29.54	212	343	A	V
		5380.2	53.55	-20.45	74	39.21	32.9	11.13	29.69	212	343	P	V
		5375.44	41.41	-12.59	54	27.06	32.9	11.13	29.68	212	343	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5048.62	53.36	-20.64	74	38.59	33.2	10.95	29.38	400	165	P	H
		5150	42.03	-11.97	54	27.54	33	10.96	29.47	400	165	A	H
	*	5240	111.43	-	-	97.07	32.92	11	29.56	400	165	P	H
		5758	57.34	-10.86	68.2	41.76	33.73	11.75	29.9	280	182	P	H
		6988	62.3	-5.9	68.2	43.79	35.9	12.98	30.37	206	18	P	H
	*	5240	104.83	-	-	90.47	32.92	11	29.56	400	165	A	H
		5456.08	52.6	-21.4	74	38.2	32.9	11.26	29.76	400	165	P	H
		5395.32	41.18	-12.82	54	26.83	32.9	11.15	29.7	400	165	A	H
		5036.92	54.27	-19.73	74	39.48	33.2	10.95	29.36	208	341	P	V
		5084.76	42.86	-11.14	54	28.26	33.06	10.95	29.41	208	341	A	V
	*	5240	115.02	-	-	100.66	32.92	11	29.56	208	341	P	V
		5758	59.9	-8.3	68.2	44.32	33.73	11.75	29.9	169	19	P	V
		6988	62.05	-6.15	68.2	43.54	35.9	12.98	30.37	200	73	P	V
	*	5240	107.87	-	-	93.51	32.92	11	29.56	208	341	A	V
		5443.76	53.25	-20.75	74	38.86	32.9	11.24	29.75	208	341	P	V
		5395.6	41.41	-12.59	54	27.06	32.9	11.15	29.7	208	341	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	56.31	-11.89	68.2	68.55	38.7	16.22	67.16	216	68	P	H
		15540	46.54	-27.46	74	55.8	37.54	19.81	66.61	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	56.37	-11.83	68.2	68.61	38.7	16.22	67.16	295	358	P	V
		15540	47.31	-26.69	74	56.57	37.54	19.81	66.61	-	-	P	V
													V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	56.09	-12.11	68.2	68.23	38.7	16.28	67.12	215	65	P	H
		15660	46.56	-27.44	74	56.22	37.26	19.87	66.79	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	55.75	-12.45	68.2	67.89	38.7	16.28	67.12	298	3	P	V
		15660	46.46	-27.54	74	56.12	37.26	19.87	66.79	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	50.51	-17.69	68.2	62.6	38.7	16.31	67.1	-	-	P	H
		15720	47.87	-26.13	74	57.34	37.5	19.91	66.88	-	-	P	H
													H
													H
													H
													H
													H
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		10480	56.92	-11.28	68.2	69.01	38.7	16.31	67.1	303	357	P	V
		15720	47.2	-26.8	74	56.67	37.5	19.91	66.88	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5150	55.88	-18.12	74	41.39	33	10.96	29.47	281	232	P	H
		5150	45.19	-8.81	54	30.7	33	10.96	29.47	281	232	A	H
	*	5180	110.11	-	-	95.65	33	10.96	29.5	281	232	P	H
	*	5180	102.96	-	-	88.5	33	10.96	29.5	281	232	A	H
													H
													H
													H
													H
		5150	56.02	-17.98	74	41.53	33	10.96	29.47	189	29	P	V
		5150	46.47	-7.53	54	31.98	33	10.96	29.47	189	29	A	V
	*	5180	111.53	-	-	97.07	33	10.96	29.5	189	29	P	V
		5758	60.41	-7.79	68.2	44.83	33.73	11.75	29.9	128	20	P	V
		6904	62.72	-5.48	68.2	44.38	35.81	12.87	30.34	193	73	P	V
	*	5180	103.99	-	-	89.53	33	10.96	29.5	189	29	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 44 5220MHz		5061.62	53.82	-20.18	74	39.11	33.15	10.95	29.39	400	168	P	H
		5147.94	41.95	-12.05	54	27.46	33	10.96	29.47	400	168	A	H
	*	5220	111.7	-	-	97.3	32.96	10.98	29.54	400	168	P	H
		5758	57.11	-11.09	68.2	41.53	33.73	11.75	29.9	300	37	P	H
		6958	61.98	-6.22	68.2	43.5	35.9	12.94	30.36	200	183	P	H
	*	5220	103.42	-	-	89.02	32.96	10.98	29.54	400	168	A	H
		5372.08	53.69	-20.31	74	39.35	32.9	11.12	29.68	400	168	P	H
		5377.68	41.11	-12.89	54	26.77	32.9	11.13	29.69	400	168	A	H
		5075.92	53.63	-20.37	74	38.98	33.1	10.95	29.4	215	346	P	V
		5062.92	42.67	-11.33	54	27.96	33.15	10.95	29.39	215	346	A	V
	*	5220	116.44	-	-	102.04	32.96	10.98	29.54	215	346	P	V
		5758	59.79	-8.41	68.2	44.21	33.73	11.75	29.9	127	22	P	V
		6958	62.37	-5.83	68.2	43.89	35.9	12.94	30.36	196	72	P	V
	*	5220	106.19	-	-	91.79	32.96	10.98	29.54	215	346	A	V
		5454.12	52.83	-21.17	74	38.43	32.9	11.26	29.76	215	346	P	V
		5377.96	41.39	-12.61	54	27.05	32.9	11.13	29.69	215	346	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 48 5240MHz		5050.96	53.7	-20.3	74	38.93	33.2	10.95	29.38	384	162	P	H
		5081.38	41.77	-12.23	54	27.16	33.07	10.95	29.41	384	162	A	H
	*	5240	112.6	-	-	98.24	32.92	11	29.56	384	162	P	H
		5758	57.4	-10.8	68.2	41.82	33.73	11.75	29.9	280	182	P	H
		6988	62.1	-6.1	68.2	43.59	35.9	12.98	30.37	208	181	P	H
	*	5240	103.57	-	-	89.21	32.92	11	29.56	384	162	A	H
		5444.6	53.23	-20.77	74	38.84	32.9	11.24	29.75	384	162	P	H
		5388.32	41.06	-12.94	54	26.72	32.9	11.14	29.7	384	162	A	H
		5140.14	53.8	-20.2	74	39.3	33	10.96	29.46	206	340	P	V
		5083.46	42.45	-11.55	54	27.84	33.07	10.95	29.41	206	340	A	V
	*	5240	114.75	-	-	100.39	32.92	11	29.56	206	340	P	V
		5758	59.56	-8.64	68.2	43.98	33.73	11.75	29.9	166	20	P	V
		6988	62.14	-6.06	68.2	43.63	35.9	12.98	30.37	202	72	P	V
	*	5240	106.41	-	-	92.05	32.92	11	29.56	206	340	A	V
		5395.32	53.71	-20.29	74	39.36	32.9	11.15	29.7	206	340	P	V
		5398.4	41.45	-12.55	54	27.1	32.9	11.15	29.7	206	340	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		10360	49.26	-18.94	68.2	61.5	38.7	16.22	67.16	-	-	P	H
		15540	46.56	-27.44	74	55.82	37.54	19.81	66.61	-	-	P	H
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		10360	55.03	-13.17	68.2	67.27	38.7	16.22	67.16	294	357	P	V
		15540	47.06	-26.94	74	56.32	37.54	19.81	66.61	-	-	P	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 48 5240MHz		10480	48.35	-19.85	68.2	60.44	38.7	16.31	67.1	-	-	P	H
		15720	47.5	-26.5	74	56.97	37.5	19.91	66.88	-	-	P	H
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		10480	55.22	-12.98	68.2	67.31	38.7	16.31	67.1	296	357	P	V
		15720	46.57	-27.43	74	56.04	37.5	19.91	66.88	-	-	P	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190 MHz		5149.6	61.54	-12.46	74	47.05	33	10.96	29.47	282	230	P	H
		5149.94	51.21	-2.79	54	36.72	33	10.96	29.47	282	230	A	H
	*	5190	107.23	-	-	92.78	33	10.96	29.51	282	230	P	H
		5758	59.46	-8.74	68.2	43.88	33.73	11.75	29.9	305	38	P	H
		6922	62.66	-5.54	68.2	44.28	35.84	12.89	30.35	202	183	P	H
	*	5190	99.55	-	-	85.1	33	10.96	29.51	282	230	A	H
		5352.2	53.63	-20.37	74	39.29	32.9	11.1	29.66	282	230	P	H
		5353.6	41.05	-12.95	54	26.7	32.9	11.11	29.66	282	230	A	H
		5148.72	63.14	-10.86	74	48.65	33	10.96	29.47	193	32	P	V
		5148.98	51.85	-2.15	54	37.36	33	10.96	29.47	193	32	A	V
	*	5190	110.73	-	-	96.28	33	10.96	29.51	193	32	P	V
		5758	61.86	-6.34	68.2	46.28	33.73	11.75	29.9	165	20	P	V
		6922	63.99	-4.21	68.2	45.61	35.84	12.89	30.35	400	75	P	V
	*	5190	100.83	-	-	86.38	33	10.96	29.51	193	32	A	V
		5402.6	53.39	-20.61	74	39.04	32.9	11.16	29.71	193	32	P	V
		5351.64	41.86	-12.14	54	27.52	32.9	11.1	29.66	193	32	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 46 5230 MHz		5000.52	53.56	-20.44	74	38.74	33.2	10.95	29.33	327	358	P	H
		5141.44	42.27	-11.73	54	27.77	33	10.96	29.46	327	358	A	H
	*	5230	102.12	-	-	87.74	32.94	10.99	29.55	327	358	P	H
		5758	58.72	-9.48	68.2	43.14	33.73	11.75	29.9	307	38	P	H
		6976	63.44	-4.76	68.2	44.94	35.9	12.97	30.37	198	182	P	H
	*	5230	94.61	-	-	80.23	32.94	10.99	29.55	327	358	A	H
		5401.76	53.26	-20.74	74	38.92	32.9	11.15	29.71	327	358	P	H
		5350.24	41.22	-12.78	54	26.88	32.9	11.1	29.66	327	358	A	H
		5131.3	55.39	-18.61	74	40.88	33	10.96	29.45	199	339	P	V
		5144.3	43.65	-10.35	54	29.16	33	10.96	29.47	199	339	A	V
	*	5230	111.76	-	-	97.38	32.94	10.99	29.55	199	339	P	V
		5758	60.82	-7.38	68.2	45.24	33.73	11.75	29.9	125	20	P	V
		6976	59.35	-8.85	68.2	40.85	35.9	12.97	30.37	199	339	P	V
	*	5230	103.47	-	-	89.09	32.94	10.99	29.55	199	339	A	V
		5388.04	53.83	-20.17	74	39.48	32.9	11.14	29.69	199	339	P	V
		5350.8	42.85	-11.15	54	28.51	32.9	11.1	29.66	199	339	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		10380	47.01	-21.19	68.2	59.23	38.7	16.23	67.15	-	-	P	H
		15570	46.66	-27.34	74	56.04	37.46	19.82	66.66	-	-	P	H
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		10380	51.88	-16.32	68.2	64.1	38.7	16.23	67.15	299	358	P	V
		15570	46.83	-27.17	74	56.21	37.46	19.82	66.66	-	-	P	V
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Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5149.24	62.45	-11.55	74	47.96	33	10.96	29.47	400	178	P	H
		5150	50.08	-3.92	54	35.59	33	10.96	29.47	400	178	A	H
	*	5210	103.87	-	-	89.45	32.98	10.97	29.53	400	178	P	H
		5758	58.31	-9.89	68.2	42.73	33.73	11.75	29.9	300	180	P	H
		6946	63.19	-5.01	68.2	44.74	35.89	12.92	30.36	208	182	P	H
	*	5210	95.3	-	-	80.88	32.98	10.97	29.53	400	178	A	H
		5350	52.69	-21.31	74	38.35	32.9	11.1	29.66	400	178	P	H
		5357.8	41.36	-12.64	54	27.02	32.9	11.11	29.67	400	178	A	H
		5134.42	63.42	-10.58	74	48.92	33	10.96	29.46	220	127	P	V
		5144.56	52.19	-1.81	54	37.7	33	10.96	29.47	220	127	A	V
	*	5210	106.78			92.36	32.98	10.97	29.53	220	127	P	V
		5758	63.38	-4.82	68.2	47.8	33.73	11.75	29.9	170	20	P	V
		6946	62.95	-5.25	68.2	44.5	35.89	12.92	30.36	195	73	P	V
	*	5210	98.47	-	-	84.05	32.98	10.97	29.53	220	127	A	V
		5389.44	53.44	-20.56	74	39.1	32.9	11.14	29.7	220	127	P	V
		5350	42.46	-11.54	54	28.12	32.9	11.1	29.66	220	127	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		10420	47.89	-20.31	68.2	60.06	38.7	16.26	67.13	-	-	P	H
		15630	46.89	-27.11	74	56.51	37.28	19.85	66.75	-	-	P	H
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Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5148.98	71.13	-2.87	74	56.25	33	11.35	29.47	213	6	P	H
		5148.72	49.81	-4.19	54	34.93	33	11.35	29.47	213	6	A	H
	*	5210	102.7	-	-	87.84	32.98	11.41	29.53	213	6	P	H
		5758	58.46	-9.74	68.2	42.65	33.73	11.98	29.9	299	183	P	H
		6946	60.33	-7.87	68.2	41.78	35.89	13.02	30.36	213	6	P	H
	*	5210	94.94	-	-	80.08	32.98	11.41	29.53	213	6	A	H
		5377.12	58.04	-15.96	74	43.3	32.9	11.52	29.68	213	6	P	H
		5350.24	41.74	-12.26	54	26.99	32.9	11.51	29.66	213	6	A	H
		5149.5	71.24	-2.76	74	56.36	33	11.35	29.47	184	22	P	V
		5144.56	50.43	-3.57	54	35.56	33	11.34	29.47	184	22	A	V
	*	5210	109.43	-	-	94.57	32.98	11.41	29.53	184	22	P	V
		5758	59.76	-8.44	68.2	43.95	33.73	11.98	29.9	127	20	P	V
		6946	62.01	-6.19	68.2	43.46	35.89	13.02	30.36	277	75	P	V
	*	5210	101.07	-	-	86.21	32.98	11.41	29.53	184	22	A	V
		5370.96	61.68	-12.32	74	46.94	32.9	11.52	29.68	184	22	P	V
		5350.8	42.78	-11.22	54	28.03	32.9	11.51	29.66	184	22	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5144.16	61.69	-12.31	74	47.2	33	10.96	29.47	400	168	P	H
		5144.84	51.36	-2.64	54	36.87	33	10.96	29.47	400	168	A	H
	*	5250	102.75	-	-	88.4	32.9	11.01	29.56	400	168	P	H
		5758	58.9	-9.3	68.2	43.32	33.73	11.75	29.9	298	184	P	H
	*	5250	93.21	-	-	78.86	32.9	11.01	29.56	400	168	A	H
		5383.56	57.05	-16.95	74	42.71	32.9	11.13	29.69	400	168	P	H
		5353.6	47.43	-6.57	54	33.08	32.9	11.11	29.66	400	168	A	H
		5148.24	63.17	-10.83	74	48.68	33	10.96	29.47	212	342	P	V
		5146.2	51.64	-2.36	54	37.15	33	10.96	29.47	212	342	A	V
	*	5250	104.19	-	-	89.84	32.9	11.01	29.56	212	342	P	V
		5758	60.82	-7.38	68.2	45.24	33.73	11.75	29.9	122	26	P	V
	*	5250	95.95	-	-	81.6	32.9	11.01	29.56	212	342	A	V
		5353.32	61.63	-12.37	74	47.28	32.9	11.11	29.66	212	342	P	V
		5354.44	51.68	-2.32	54	37.33	32.9	11.11	29.66	212	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

[illegible]



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5050.32	53.06	-20.94	74	38.29	33.2	10.95	29.38	400	163	P	H
		5103.7	42.22	-11.78	54	27.69	33	10.96	29.43	400	163	A	H
	*	5260	111.98	-	-	97.61	32.92	11.02	29.57	400	163	P	H
		5758	59.41	-8.79	68.2	43.83	33.73	11.75	29.9	281	181	P	H
	*	5260	105.25	-	-	90.88	32.92	11.02	29.57	400	163	A	H
		5382.24	52.91	-21.09	74	38.57	32.9	11.13	29.69	400	163	P	H
		5415.6	41.59	-12.41	54	27.23	32.9	11.18	29.72	400	163	A	H
		5095.2	53.13	-20.87	74	38.58	33.02	10.95	29.42	210	124	P	V
		5104.38	42.6	-11.4	54	28.07	33	10.96	29.43	210	124	A	V
	*	5260	114.76	-	-	100.39	32.92	11.02	29.57	210	124	P	V
		5758	60.21	-7.99	68.2	44.63	33.73	11.75	29.9	123	12	P	V
	*	5260	107.39	-	-	93.02	32.92	11.02	29.57	210	124	A	V
		5423.28	53.03	-20.97	74	38.66	32.9	11.2	29.73	210	124	P	V
		5416.32	42.18	-11.82	54	27.82	32.9	11.18	29.72	210	124	A	V
802.11a CH 60 5300MHz		5114.58	52.76	-21.24	74	38.24	33	10.96	29.44	264	153	P	H
		5148.24	42.02	-11.98	54	27.53	33	10.96	29.47	264	153	A	H
	*	5300	109.19	-	-	94.74	33	11.06	29.61	264	153	P	H
		5758	59.33	-8.87	68.2	43.75	33.73	11.75	29.9	281	182	P	H
	*	5300	102.22	-	-	87.77	33	11.06	29.61	264	153	A	H
		5391.6	52.94	-21.06	74	38.6	32.9	11.14	29.7	264	153	P	H
		5353.2	41.73	-12.27	54	27.38	32.9	11.11	29.66	264	153	A	H
		5082.28	53.35	-20.65	74	38.74	33.07	10.95	29.41	258	360	P	V
		5145.18	43.01	-10.99	54	28.52	33	10.96	29.47	258	360	A	V
	*	5300	113.47	-	-	99.02	33	11.06	29.61	258	360	P	V
		5758	60.79	-7.41	68.2	45.21	33.73	11.75	29.9	128	20	P	V
	*	5300	106.62	-	-	92.17	33	11.06	29.61	258	360	A	V
		5373.84	53.75	-20.25	74	39.4	32.9	11.13	29.68	258	360	P	V
		5350.08	43.13	-10.87	54	28.79	32.9	11.1	29.66	258	360	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	107.97	-	-	93.57	32.96	11.07	29.63	299	121	P	H
	*	5320	101	-	-	86.6	32.96	11.07	29.63	299	121	A	H
		5350.88	54.92	-19.08	74	40.58	32.9	11.1	29.66	299	121	P	H
		5350.08	44.16	-9.84	54	29.82	32.9	11.1	29.66	299	121	A	H
													H
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	*	5320	114.69	-	-	100.29	32.96	11.07	29.63	206	120	P	V
		5758	61.16	-7.04	68.2	45.58	33.73	11.75	29.9	108	12	P	V
	*	5320	107.32	-	-	92.92	32.96	11.07	29.63	206	120	A	V
		5351.04	57.2	-16.8	74	42.86	32.9	11.1	29.66	206	120	P	V
		5350.08	46.09	-7.91	54	31.75	32.9	11.1	29.66	206	120	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		7011	59.49	-8.71	68.2	75.63	35.97	14.08	66.19	161	354	P	H
		10520	52.2	-16	68.2	64.16	38.74	16.35	67.05	296	24	P	H
		15780	46.91	-27.09	74	56.69	37.26	19.94	66.98	-	-	A	H
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		7011	57.96	-10.24	68.2	74.1	35.97	14.08	66.19	400	77	P	V
		10520	54.65	-13.55	68.2	66.61	38.74	16.35	67.05	302	354	P	V
		15780	47.81	-26.19	74	57.59	37.26	19.94	66.98	-	-	A	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		7066	58.9	-9.3	68.2	74.8	36.26	14.06	66.22	158	354	P	H
		10600	52.53	-21.47	74	64.02	39	16.41	66.9	296	26	P	H
		10600	41.51	-12.49	54	53	39	16.41	66.9	296	26	A	H
		15900	46.58	-27.42	74	56.54	37.2	20	67.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		7066	58.82	-9.38	68.2	74.72	36.26	14.06	66.22	399	77	P	V
		10600	54.68	-19.32	74	66.17	39	16.41	66.9	308	355	P	V
		10600	43.54	-10.46	54	55.03	39	16.41	66.9	308	355	A	V
		15900	46.85	-27.15	74	56.81	37.2	20	67.16	-	-	P	V
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													V
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Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		5050.32	53.4	-20.6	74	38.63	33.2	10.95	29.38	248	196	P	H
		5102	42.01	-11.99	54	27.48	33	10.96	29.43	248	196	A	H
	*	5260	110.91	-	-	96.54	32.92	11.02	29.57	248	196	P	H
		5758	58.88	-9.32	68.2	43.3	33.73	11.75	29.9	283	175	P	H
	*	5260	102.53	-	-	88.16	32.92	11.02	29.57	248	196	A	H
		5394.96	52.76	-21.24	74	38.41	32.9	11.15	29.7	248	196	P	H
		5419.2	41.21	-12.79	54	26.84	32.9	11.19	29.72	248	196	A	H
		5022.44	53.07	-20.93	74	38.27	33.2	10.95	29.35	207	120	P	V
		5101.66	42.27	-11.73	54	27.74	33	10.96	29.43	207	120	A	V
	*	5260	115.25	-	-	100.88	32.92	11.02	29.57	207	120	P	V
		5758	60.21	-7.99	68.2	44.63	33.73	11.75	29.9	125	26	P	V
	*	5260	105.76	-	-	91.39	32.92	11.02	29.57	207	120	A	V
		5439.36	53.51	-20.49	74	39.12	32.9	11.23	29.74	207	120	P	V
		5418.96	42.08	-11.92	54	27.71	32.9	11.19	29.72	207	120	A	V
802.11ax HE20 Full CH 60 5300MHz		5089.42	53.23	-20.77	74	38.65	33.04	10.95	29.41	295	224	P	H
		5148.58	41.91	-12.09	54	27.42	33	10.96	29.47	295	224	A	H
	*	5300	110.65	-	-	96.2	33	11.06	29.61	295	224	P	H
	*	5300	102.25	-	-	87.8	33	11.06	29.61	295	224	A	H
		5355.84	53.6	-20.4	74	39.25	32.9	11.11	29.66	295	224	P	H
		5350.32	41.63	-12.37	54	27.29	32.9	11.1	29.66	295	224	A	H
		5077.18	53.52	-20.48	74	38.88	33.09	10.95	29.4	202	333	P	V
		5143.48	42.54	-11.46	54	28.04	33	10.96	29.46	202	333	A	V
	*	5300	112.74	-	-	98.29	33	11.06	29.61	202	333	P	V
		5758	59.96	-8.24	68.2	44.38	33.73	11.75	29.9	174	11	P	V
	*	5300	105.34	-	-	90.89	33	11.06	29.61	202	333	A	V
		5393.52	52.93	-21.07	74	38.59	32.9	11.14	29.7	202	333	P	V
		5350.08	42.59	-11.41	54	28.25	32.9	11.1	29.66	202	333	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz	*	5320	109.66	-	-	95.26	32.96	11.07	29.63	293	224	P	H
	*	5320	101.83	-	-	87.43	32.96	11.07	29.63	293	224	A	H
		5387.04	53.03	-20.97	74	38.68	32.9	11.14	29.69	293	224	P	H
		5350.24	43.52	-10.48	54	29.18	32.9	11.1	29.66	293	224	A	H
													H
													H
	*	5320	115.2	-	-	100.8	32.96	11.07	29.63	203	29	P	V
		5758	60.83	-7.37	68.2	45.25	33.73	11.75	29.9	129	20	P	V
	*	5320	105.15	-	-	90.75	32.96	11.07	29.63	203	29	A	V
		5352.8	54.32	-19.68	74	39.97	32.9	11.11	29.66	203	29	P	V
		5350.08	45.62	-8.38	54	31.28	32.9	11.1	29.66	203	29	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		7011	59.71	-8.49	68.2	75.85	35.97	14.08	66.19	160	355	P	H
		10520	50.79	-17.41	68.2	62.75	38.74	16.35	67.05	295	25	P	H
		15780	46.59	-27.41	74	56.37	37.26	19.94	66.98	-	-	P	H
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													H
													H
													H
													H
													H
													H
													H
		7011	58.01	-10.19	68.2	74.15	35.97	14.08	66.19	399	77	P	V
		10520	52.31	-15.89	68.2	64.27	38.74	16.35	67.05	291	356	P	V
		15780	46.84	-27.16	74	56.62	37.26	19.94	66.98	-	-	P	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 60 5300MHz		7066	59.42	-8.78	68.2	75.32	36.26	14.06	66.22	159	354	P	H
		10600	51.14	-22.86	74	62.63	39	16.41	66.9	298	25	P	H
		10600	40.01	-13.99	54	51.5	39	16.41	66.9	298	25	A	H
		15900	45.92	-28.08	74	55.88	37.2	20	67.16	-	-	P	H
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													H
		7066	58.9	-9.3	68.2	74.8	36.26	14.06	66.22	399	76	P	V
		10600	52.88	-21.12	74	64.37	39	16.41	66.9	349	357	P	V
		10600	41.58	-12.42	54	53.07	39	16.41	66.9	349	357	A	V
		15900	45.95	-28.05	74	55.91	37.2	20	67.16	-	-	P	V
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**Band 2 5250~5350MHz****WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5066.98	54.84	-19.16	74	40.15	33.13	10.95	29.39	295	124	P	H
		5149.94	41.52	-12.48	54	27.03	33	10.96	29.47	295	124	A	H
	*	5270	105.49	-	-	91.1	32.94	11.03	29.58	295	124	P	H
		5758	59.68	-8.52	68.2	44.1	33.73	11.75	29.9	284	175	P	H
	*	5270	97.55	-	-	83.16	32.94	11.03	29.58	295	124	A	H
		5377.44	52.94	-21.06	74	38.59	32.9	11.13	29.68	295	124	P	H
		5350.8	41.7	-12.3	54	27.36	32.9	11.1	29.66	295	124	A	H
		5048.62	53.4	-20.6	74	38.63	33.2	10.95	29.38	244	7	P	V
		5147.9	43.24	-10.76	54	28.75	33	10.96	29.47	244	7	A	V
	*	5270	111.2	-	-	96.81	32.94	11.03	29.58	244	7	P	V
		5758	60.62	-7.58	68.2	45.04	33.73	11.75	29.9	112	12	P	V
	*	5270	103	-	-	88.61	32.94	11.03	29.58	244	7	A	V
		5398.8	54.17	-19.83	74	39.82	32.9	11.15	29.7	244	7	P	V
		5356.08	43.22	-10.78	54	28.87	32.9	11.11	29.66	244	7	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 62 5310MHz		5058.14	53.4	-20.6	74	38.66	33.17	10.95	29.38	299	124	P	H
		5146.88	41.46	-12.54	54	26.97	33	10.96	29.47	299	124	A	H
	*	5310	105.69	-	-	91.27	32.98	11.06	29.62	299	124	P	H
		5758	57.88	-10.32	68.2	42.3	33.73	11.75	29.9	283	180	P	H
	*	5310	97.17	-	-	82.75	32.98	11.06	29.62	299	124	A	H
		5350.56	56.98	-17.02	74	42.64	32.9	11.1	29.66	299	124	P	H
		5350.08	47.5	-6.5	54	33.16	32.9	11.1	29.66	299	124	A	H
		5005.44	53.74	-20.26	74	38.93	33.2	10.95	29.34	201	124	P	V
		5149.94	42.07	-11.93	54	27.58	33	10.96	29.47	201	124	A	V
	*	5310	110.4	-	-	95.98	32.98	11.06	29.62	201	124	P	V
		5758	59.87	-8.33	68.2	44.29	33.73	11.75	29.9	132	18	P	V
	*	5310	102.43	-	-	88.01	32.98	11.06	29.62	201	124	A	V
		5350.08	60.61	-13.39	74	46.27	32.9	11.1	29.66	201	124	P	V
		5350.08	50.47	-3.53	54	36.13	32.9	11.1	29.66	201	124	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)

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Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5114.58	55	-19	74	40.13	33	11.31	29.44	285	155	P	H
		5149.94	42.1	-11.9	54	27.22	33	11.35	29.47	285	155	A	H
	*	5310	106.76	-	-	91.92	32.98	11.48	29.62	285	155	P	H
		5758	58.65	-9.55	68.2	42.84	33.73	11.98	29.9	300	189	P	H
	*	5310	98.91	-	-	84.07	32.98	11.48	29.62	285	155	A	H
		5365.44	62.97	-11.03	74	48.22	32.9	11.52	29.67	285	155	P	H
		5350.08	43.69	-10.31	54	28.94	32.9	11.51	29.66	285	155	A	H
		5075.82	55.21	-18.79	74	40.24	33.1	11.27	29.4	216	124	P	V
		5148.24	42.61	-11.39	54	27.73	33	11.35	29.47	216	124	A	V
	*	5310	111.65	-	-	96.81	32.98	11.48	29.62	216	124	P	V
		5758	59.73	-8.47	68.2	43.92	33.73	11.98	29.9	198	23	P	V
	*	5310	104.32	-	-	89.48	32.98	11.48	29.62	216	124	A	V
		5352	67.45	-6.55	74	52.7	32.9	11.51	29.66	216	124	P	V
		5352	45.53	-8.47	54	30.78	32.9	11.51	29.66	216	124	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5077.18	52.3	-21.7	74	37.66	33.09	10.95	29.4	390	164	P	H
		5145.86	41.94	-12.06	54	27.45	33	10.96	29.47	390	164	A	H
	*	5290	105.38	-	-	90.95	32.98	11.05	29.6	390	164	P	H
		5758	58.64	-9.56	68.2	43.06	33.73	11.75	29.9	303	183	P	H
	*	5290	96.65	-	-	82.22	32.98	11.05	29.6	390	164	A	H
		5353.68	59.94	-14.06	74	45.59	32.9	11.11	29.66	390	164	P	H
		5353.92	47.82	-6.18	54	33.47	32.9	11.11	29.66	390	164	A	H
		5038.42	53.32	-20.68	74	38.54	33.2	10.95	29.37	201	123	P	V
		5145.52	42.67	-11.33	54	28.18	33	10.96	29.47	201	123	A	V
	*	5290	107.36	-	-	92.93	32.98	11.05	29.6	201	123	P	V
		5758	59.66	-8.54	68.2	44.08	33.73	11.75	29.9	201	26	P	V
	*	5290	99.39	-	-	84.96	32.98	11.05	29.6	201	123	A	V
		5355.84	61.62	-12.38	74	47.27	32.9	11.11	29.66	201	123	P	V
		5355.12	50.2	-3.8	54	35.85	32.9	11.11	29.66	201	123	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		10580	47.58	-20.62	68.2	59.21	38.92	16.39	66.94	-	-	P	H
		15870	46.19	-27.81	74	56.24	37.08	19.98	67.11	-	-	P	H
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Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5422.8	53.34	-20.66	74	38.97	32.9	11.2	29.73	400	162	P	H
		5467.6	53.37	-14.83	68.2	38.95	32.9	11.29	29.77	400	162	P	H
		5421.84	41.4	-12.6	54	27.04	32.9	11.19	29.73	400	162	A	H
	*	5500	107.62	-	-	93.17	32.9	11.35	29.8	400	162	P	H
	*	5500	101.1	-	-	86.65	32.9	11.35	29.8	400	162	A	H
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		5440.72	55	-19	74	40.61	32.9	11.23	29.74	223	113	P	V
		5466.64	57.25	-10.95	68.2	42.84	32.9	11.28	29.77	223	113	P	V
		5458	43.4	-10.6	54	28.99	32.9	11.27	29.76	223	113	A	V
	*	5500	111.3	-	-	96.85	32.9	11.35	29.8	223	113	P	V
	*	5500	105.4	-	-	90.95	32.9	11.35	29.8	223	113	A	V
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802.11a CH 116 5580MHz		5412.64	52.46	-21.54	74	38.1	32.9	11.18	29.72	294	217	P	H
		5469.76	52.51	-15.69	68.2	38.09	32.9	11.29	29.77	294	217	P	H
		5432.32	41.26	-12.74	54	26.89	32.9	11.21	29.74	294	217	A	H
	*	5580	109.09	-	-	94.51	32.9	11.51	29.83	294	217	P	H
	*	5580	102.25	-	-	87.67	32.9	11.51	29.83	294	217	A	H
		5753.66	53.96	-14.24	68.2	38.41	33.71	11.74	29.9	294	217	P	H
		5360.32	52.99	-21.01	74	38.65	32.9	11.11	29.67	211	60	P	V
		5469.76	52.99	-15.21	68.2	38.57	32.9	11.29	29.77	211	60	P	V
		5423.44	41.82	-12.18	54	27.45	32.9	11.2	29.73	211	60	A	V
	*	5580	111.08	-	-	96.5	32.9	11.51	29.83	211	60	P	V
	*	5580	104.61	-	-	90.03	32.9	11.51	29.83	211	60	A	V
		5753.345	53.9	-14.3	68.2	38.35	33.71	11.74	29.9	211	60	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	109.45	-	-	94.25	33.4	11.68	29.88	301	229	P	H
	*	5700	102.33	-	-	87.13	33.4	11.68	29.88	301	229	A	H
		5725.72	63.2	-5	68.2	47.83	33.55	11.71	29.89	301	229	P	H
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	*	5700	112.51	-	-	97.31	33.4	11.68	29.88	200	27	P	V
	*	5700	105.76	-	-	90.56	33.4	11.68	29.88	200	27	A	V
		5727.96	60.83	-7.37	68.2	45.44	33.57	11.71	29.89	200	27	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.56	-26.44	74	58.19	38.8	16.73	66.16	-	-	P	H
		16500	48.35	-19.85	68.2	56.37	38.3	20.63	66.95	-	-	P	H
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		11000	49.55	-24.45	74	60.18	38.8	16.73	66.16	340	358	P	V
		11000	39.24	-14.76	54	49.87	38.8	16.73	66.16	340	358	A	V
		16500	48.25	-19.95	68.2	56.27	38.3	20.63	66.95	-	-	P	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		11160	47.52	-26.48	74	57.93	39	16.85	66.26	-	-	P	H
		16740	48.65	-19.55	68.2	56.24	38.22	20.91	66.72	-	-	P	H
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		11160	46.9	-27.1	74	57.31	39	16.85	66.26	-	-	P	V
		16740	48.84	-19.36	68.2	56.43	38.22	20.91	66.72	-	-	P	V
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Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5448.72	53.51	-20.49	74	39.11	32.9	11.25	29.75	260	191	P	H
		5468.08	52.99	-15.21	68.2	38.57	32.9	11.29	29.77	260	191	P	H
		5458.32	41	-13	54	26.59	32.9	11.27	29.76	260	191	A	H
	*	5500	107.82	-	-	93.37	32.9	11.35	29.8	260	191	P	H
		5758	58.56	-9.64	68.2	42.98	33.73	11.75	29.9	305	180	P	H
		6598	61.14	-7.06	68.2	42.91	35.79	12.64	30.2	346	323	P	H
	*	5500	99.97	-	-	85.52	32.9	11.35	29.8	260	191	A	H
		5436.56	53.62	-20.38	74	39.24	32.9	11.22	29.74	200	116	P	V
		5468.56	54.29	-13.91	68.2	39.87	32.9	11.29	29.77	200	116	P	V
		5460	41.74	-12.26	54	27.33	32.9	11.27	29.76	200	116	A	V
	*	5500	109.81	-	-	95.36	32.9	11.35	29.8	200	116	P	V
		5758	59.34	-8.86	68.2	43.76	33.73	11.75	29.9	125	19	P	V
		6598	60.86	-7.34	68.2	42.63	35.79	12.64	30.2	400	90	P	V
	*	5500	102.07	-	-	87.62	32.9	11.35	29.8	200	116	A	V
802.11ax HE20 Full CH 116 5580MHz		5446	52.92	-21.08	74	38.53	32.9	11.24	29.75	291	217	P	H
		5470	52.5	-15.7	68.2	38.08	32.9	11.29	29.77	291	217	P	H
		5428.48	40.96	-13.04	54	26.58	32.9	11.21	29.73	291	217	A	H
	*	5580	108.48	-	-	93.9	32.9	11.51	29.83	291	217	P	H
	*	5580	100.98	-	-	86.4	32.9	11.51	29.83	291	217	A	H
		5763.74	53.14	-15.06	68.2	37.55	33.75	11.75	29.91	291	217	P	H
		5420.56	52.79	-21.21	74	38.43	32.9	11.19	29.73	276	59	P	V
		5460.16	52.55	-15.65	68.2	38.14	32.9	11.27	29.76	276	59	P	V
		5430.64	41.37	-12.63	54	26.99	32.9	11.21	29.73	276	59	A	V
	*	5580	110.89	-	-	96.31	32.9	11.51	29.83	276	59	P	V
	*	5580	103.16	-	-	88.58	32.9	11.51	29.83	276	59	A	V
		5765	54.26	-13.94	68.2	38.65	33.76	11.76	29.91	276	59	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 140 5700MHz	*	5700	109.73	-	-	94.53	33.4	11.68	29.88	288	184	P	H
	*	5700	100.78	-	-	85.58	33.4	11.68	29.88	288	184	A	H
		5728.36	61.6	-6.6	68.2	46.21	33.57	11.71	29.89	288	184	P	H
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	*	5700	111.45	-	-	96.25	33.4	11.68	29.88	259	115	P	V
	*	5700	102.66	-	-	87.46	33.4	11.68	29.88	259	115	A	V
		5725.08	63.28	-4.92	68.2	47.91	33.55	11.71	29.89	259	115	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		7704	51.64	-22.36	74	66.99	36.52	14.5	66.37	205	4	P	H
		7704	41.4	-12.6	54	56.75	36.52	14.5	66.37	205	4	A	H
		11000	47.2	-26.8	74	57.83	38.8	16.73	66.16	-	-	P	H
		16500	49	-19.2	68.2	57.02	38.3	20.63	66.95	-	-	P	H
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		7704	51.1	-22.9	74	66.45	36.52	14.5	66.37	277	64	P	V
		7704	41.31	-12.69	54	56.66	36.52	14.5	66.37	277	64	A	V
		11000	49.05	-24.95	74	59.68	38.8	16.73	66.16	-	-	P	V
		16500	48.81	-19.39	68.2	56.83	38.3	20.63	66.95	-	-	P	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 116 5580MHz		7495	47	-27	74	63.08	36.31	14.02	66.41	181	358	P	H
		7814	52.55	-15.65	68.2	67.47	36.86	14.57	66.35	241	1	P	H
		11160	47.52	-26.48	74	57.93	39	16.85	66.26	-	-	P	H
		16740	48.48	-19.72	68.2	56.07	38.22	20.91	66.72	-	-	P	H
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		7814	51.54	-16.66	68.2	66.46	36.86	14.57	66.35	296	58	P	V
		11160	46.56	-27.44	74	56.97	39	16.85	66.26	-	-	P	V
		16740	50.32	-17.88	68.2	57.91	38.22	20.91	66.72	-	-	P	V
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Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5459.92	57.45	-16.55	74	43.04	32.9	11.27	29.76	287	219	P	H
		5469.76	62.83	-5.37	68.2	48.41	32.9	11.29	29.77	287	219	P	H
		5459.92	46.07	-7.93	54	31.66	32.9	11.27	29.76	287	219	A	H
	*	5510	106.28	-	-	91.81	32.9	11.37	29.8	287	219	P	H
	*	5510	98.23	-	-	83.76	32.9	11.37	29.8	287	219	A	H
		5739.485	53.35	-14.85	68.2	37.89	33.64	11.72	29.9	287	219	P	H
		5459.2	60.24	-13.76	74	45.83	32.9	11.27	29.76	232	105	P	V
		5469.28	65.45	-2.75	68.2	51.03	32.9	11.29	29.77	232	105	P	V
		5459.92	48.81	-5.19	54	34.4	32.9	11.27	29.76	232	105	A	V
	*	5510	108.54	-	-	94.07	32.9	11.37	29.8	232	105	P	V
		5758	58.99	-9.21	68.2	43.41	33.73	11.75	29.9	166	23	P	V
		6610	60.7	-7.5	68.2	42.45	35.82	12.64	30.21	400	124	P	V
	*	5510	100.67	-	-	86.2	32.9	11.37	29.8	232	105	A	V
		5756.18	53.26	-14.94	68.2	37.69	33.72	11.75	29.9	232	105	P	V
802.11ax HE40 Full CH 110 5550MHz		5430.16	53.26	-20.74	74	38.88	32.9	11.21	29.73	303	220	P	H
		5464	52.95	-15.25	68.2	38.54	32.9	11.28	29.77	303	220	P	H
		5458.96	41.59	-12.41	54	27.18	32.9	11.27	29.76	303	220	A	H
	*	5550	106.61	-	-	92.08	32.9	11.45	29.82	303	220	P	H
	*	5550	98.27	-	-	83.74	32.9	11.45	29.82	303	220	A	H
		5761.535	53.33	-14.87	68.2	37.73	33.75	11.75	29.9	303	220	P	H
		5410.96	54.4	-19.6	74	40.05	32.9	11.17	29.72	294	104	P	V
		5469.28	53.82	-14.38	68.2	39.4	32.9	11.29	29.77	294	104	P	V
		5458.96	42.19	-11.81	54	27.78	32.9	11.27	29.76	294	104	A	V
	*	5550	108.98	-	-	94.45	32.9	11.45	29.82	294	104	P	V
		5758	59.26	-8.94	68.2	43.68	33.73	11.75	29.9	170	24	P	V
	*	5550	100.8	-	-	86.27	32.9	11.45	29.82	294	104	A	V
		5760.59	54.31	-13.89	68.2	38.72	33.74	11.75	29.9	294	104	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 134 5670MHz		5354.55	53.03	-20.97	74	38.68	32.9	11.11	29.66	315	224	P	H
		5466.9	52.34	-15.86	68.2	37.93	32.9	11.28	29.77	315	224	P	H
		5459.9	41.04	-12.96	54	26.63	32.9	11.27	29.76	315	224	A	H
	*	5670	106.13	-	-	91.14	33.22	11.64	29.87	315	224	P	H
	*	5670	98.35	-	-	83.36	33.22	11.64	29.87	315	224	A	H
		5730	54.25	-13.95	68.2	38.85	33.58	11.71	29.89	315	224	P	H
		5357	53.45	-20.55	74	39.11	32.9	11.11	29.67	207	19	P	V
		5467.25	52.47	-15.73	68.2	38.06	32.9	11.28	29.77	207	19	P	V
		5350.35	41.2	-12.8	54	26.86	32.9	11.1	29.66	207	19	A	V
	*	5670	107.29	-	-	92.3	33.22	11.64	29.87	207	19	P	V
	*	5670	99.59	-	-	84.6	33.22	11.64	29.87	207	19	A	V
		5732.45	55.01	-13.19	68.2	39.59	33.59	11.72	29.89	207	19	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)

[illegible]

[illegible]



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 134 5670MHz		11340	46.54	-27.46	74	56.83	39.1	16.99	66.38	-	-	P	H
		17010	47.64	-20.56	68.2	54.84	38.06	21.21	66.47	-	-	P	H
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		9068	51.05	-22.95	74	64.39	38	15.29	66.63	311	350	P	V
		9068	46.21	-7.79	54	59.55	38	15.29	66.63	311	350	A	V
		11340	47.22	-26.78	74	57.51	39.1	16.99	66.38	-	-	P	V
		17010	48.06	-20.14	68.2	55.26	38.06	21.21	66.47	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

**Band 3 5470~5725MHz****WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5458.72	60.91	-13.09	74	46.5	32.9	11.27	29.76	287	148	P	H
		5466.4	61.04	-7.16	68.2	46.63	32.9	11.28	29.77	287	148	P	H
		5458.96	49.01	-4.99	54	34.6	32.9	11.27	29.76	287	148	A	H
	*	5530	100.49	-	-	85.99	32.9	11.41	29.81	287	148	P	H
		5758	58.22	-9.98	68.2	42.64	33.73	11.75	29.9	286	183	P	H
	*	5530	92.03	-	-	77.53	32.9	11.41	29.81	287	148	A	H
		5760.59	54.28	-13.92	68.2	38.69	33.74	11.75	29.9	287	148	P	H
		5458	62.11	-11.89	74	47.7	32.9	11.27	29.76	231	105	P	V
		5469.52	63.13	-5.07	68.2	48.71	32.9	11.29	29.77	231	105	P	V
		5459.44	51.6	-2.4	54	37.19	32.9	11.27	29.76	231	105	A	V
	*	5530	103.79	-	-	89.29	32.9	11.41	29.81	231	105	P	V
		6634	60.73	-7.47	68.2	42.43	35.87	12.65	30.22	400	123	P	V
	*	5530	95.41	-	-	80.91	32.9	11.41	29.81	231	105	A	V
		5764.685	53.96	-14.24	68.2	38.35	33.76	11.76	29.91	231	105	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 122 5610MHz		5445.55	55.36	-18.64	74	40.97	32.9	11.24	29.75	298	221	P	H
		5463.88	54.54	-13.66	68.2	40.13	32.9	11.28	29.77	298	221	P	H
		5459.98	41.76	-12.24	54	27.35	32.9	11.27	29.76	298	221	A	H
	*	5610	103.62	-	-	88.96	32.94	11.56	29.84	298	221	P	H
	*	5610	95.15	-	-	80.49	32.94	11.56	29.84	298	221	A	H
		5898.7	56.39	-11.81	68.2	40.29	34.19	11.87	29.96	298	221	P	H
		5388.61	54.39	-19.61	74	40.05	32.9	11.14	29.7	202	62	P	V
		5465.83	53.72	-14.48	68.2	39.31	32.9	11.28	29.77	202	62	P	V
		5454.52	42.19	-11.81	54	27.79	32.9	11.26	29.76	202	62	A	V
	*	5610	105.96	-	-	91.3	32.94	11.56	29.84	202	62	P	V
	*	5610	97.36	-	-	82.7	32.94	11.56	29.84	202	62	A	V
		5857.66	55.91	-12.29	68.2	39.98	34.03	11.84	29.94	202	62	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		11060	47.3	-26.7	74	57.98	38.74	16.78	66.2	-	-	P	H
		16590	48.65	-19.55	68.2	57.05	37.74	20.73	66.87	-	-	P	H
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		11060	47.51	-26.49	74	58.19	38.74	16.78	66.2	-	-	P	V
		16590	49.97	-18.23	68.2	58.37	37.74	20.73	66.87	-	-	P	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 122 5610MHz		11220	46.61	-27.39	74	57.01	39	16.9	66.3	-	-	P	H
		16830	47.63	-20.57	68.2	55.32	37.94	21.01	66.64	-	-	P	H
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Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 106 5530MHz		5458.96	60.31	-13.69	74	45.54	32.9	11.63	29.76	301	141	P	H
		5465.44	62.87	-5.33	68.2	48.1	32.9	11.64	29.77	301	141	P	H
		5459.92	42.68	-11.32	54	27.91	32.9	11.63	29.76	301	141	A	H
	*	5530	103.29	-	-	88.46	32.9	11.74	29.81	301	141	P	H
	*	5530	95.28	-	-	80.45	32.9	11.74	29.81	301	141	A	H
		5730.665	55.68	-12.52	68.2	40.04	33.58	11.95	29.89	301	141	P	H
		5413.36	63.41	-10.59	74	48.67	32.9	11.56	29.72	196	21	P	V
		5469.76	64.5	-3.7	68.2	49.72	32.9	11.65	29.77	196	21	P	V
		5459.2	43.17	-10.83	54	28.4	32.9	11.63	29.76	196	21	A	V
	*	5530	106.91	-	-	92.08	32.9	11.74	29.81	196	21	P	V
		5758	59	-9.2	68.2	43.19	33.73	11.98	29.9	107	19	P	V
	*	5530	98.06	-	-	83.23	32.9	11.74	29.81	196	21	A	V
		5759.015	56.52	-11.68	68.2	40.7	33.74	11.98	29.9	196	21	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 114 5570MHz		5450.56	58.83	-15.17	74	44.43	32.9	11.25	29.75	305	223	P	H
		5462.08	59.6	-8.6	68.2	45.19	32.9	11.27	29.76	305	223	P	H
		5451.76	48.93	-5.07	54	34.53	32.9	11.25	29.75	305	223	A	H
	*	5570	100.96	-	-	86.4	32.9	11.49	29.83	305	223	P	H
	*	5570	91.59	-	-	77.03	32.9	11.49	29.83	305	223	A	H
		5728.775	55.34	-12.86	68.2	39.95	33.57	11.71	29.89	305	223	P	H
		5453.2	61.31	-12.69	74	46.91	32.9	11.26	29.76	207	62	P	V
		5464.48	60.6	-7.6	68.2	46.19	32.9	11.28	29.77	207	62	P	V
		5454.16	50.57	-3.43	54	36.17	32.9	11.26	29.76	207	62	A	V
	*	5570	103.33	-	-	88.77	32.9	11.49	29.83	207	62	P	V
	*	5570	93.7	-	-	79.14	32.9	11.49	29.83	207	62	A	V
		5727.2	59.52	-8.68	68.2	44.14	33.56	11.71	29.89	207	62	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

[illegible]

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5397.97	54.71	-19.29	74	40.36	32.9	11.15	29.7	298	179	P	H
		5468.95	53.65	-14.55	68.2	39.23	32.9	11.29	29.77	298	179	P	H
		5415.52	41.03	-12.97	54	26.67	32.9	11.18	29.72	298	179	A	H
	*	5720	109.48	-	-	94.15	33.52	11.7	29.89	298	179	P	H
	*	5720	102.56	-	-	87.23	33.52	11.7	29.89	298	179	S	H
		5890.25	56.34	-11.86	68.2	40.27	34.16	11.87	29.96	298	179	P	H
		5369.5	55.88	-18.12	74	41.54	32.9	11.12	29.68	300	24	P	V
		5465.05	53.31	-14.89	68.2	38.9	32.9	11.28	29.77	300	24	P	V
		5411.62	41.09	-12.91	54	26.74	32.9	11.17	29.72	300	24	A	V
	*	5720	111.89	-	-	96.56	33.52	11.7	29.89	300	24	P	V
	*	5720	105.41	-	-	90.08	33.52	11.7	29.89	300	24	S	V
		5864.5	55.59	-12.61	68.2	39.63	34.06	11.85	29.95	300	24	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)

[illegible]



Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5453.35	55.05	-18.95	74	40.65	32.9	11.26	29.76	301	179	P	H
		5470	53.45	-14.75	68.2	39.03	32.9	11.29	29.77	301	179	P	H
		5452.96	40.98	-13.02	54	26.58	32.9	11.26	29.76	301	179	A	H
	*	5720	109.29	-	-	93.96	33.52	11.7	29.89	301	179	P	H
	*	5720	101.25	-	-	85.92	33.52	11.7	29.89	301	179	A	H
		5871.25	56.13	-12.07	68.2	40.15	34.08	11.85	29.95	301	179	P	H
		5410.06	55	-19	74	40.65	32.9	11.17	29.72	301	26	P	V
		5464.27	54.46	-13.74	68.2	40.05	32.9	11.28	29.77	301	26	P	V
		5405.77	41	-13	54	26.65	32.9	11.16	29.71	301	26	A	V
	*	5720	112.52	-	-	97.19	33.52	11.7	29.89	301	26	P	V
	*	5720	104.11	-	-	88.78	33.52	11.7	29.89	301	26	A	V
		5857	56.3	-11.9	68.2	40.37	34.03	11.84	29.94	301	26	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		11440	47.85	-26.15	74	58.2	39.02	17.07	66.44	-	-	P	H
		17160	47.22	-20.98	68.2	53.99	38.2	21.29	66.26	-	-	P	H
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		11440	47.81	-26.19	74	58.16	39.02	17.07	66.44	-	-	P	V
		17160	47.61	-20.59	68.2	54.38	38.2	21.29	66.26	-	-	P	V
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													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
Remark	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5415.13	55.36	-18.64	74	41	32.9	11.18	29.72	311	229	P	H
		5468.95	52.89	-15.31	68.2	38.47	32.9	11.29	29.77	311	229	P	H
		5459.98	41.09	-12.91	54	26.68	32.9	11.27	29.76	311	229	A	H
	*	5710	107.58	-	-	92.31	33.46	11.69	29.88	311	229	P	H
	*	5710	98.45	-	-	83.18	33.46	11.69	29.88	311	229	A	H
		5857.5	56.39	-11.81	68.2	40.46	34.03	11.84	29.94	311	229	P	H
		5451.01	55.12	-18.88	74	40.72	32.9	11.25	29.75	203	26	P	V
		5465.44	53.38	-14.82	68.2	38.97	32.9	11.28	29.77	203	26	P	V
		5390.17	41.16	-12.84	54	26.82	32.9	11.14	29.7	203	26	A	V
	*	5710	110.04	-	-	94.77	33.46	11.69	29.88	203	26	P	V
	*	5710	101.42	-	-	86.15	33.46	11.69	29.88	203	26	A	V
		5871.25	56.63	-11.57	68.2	40.65	34.08	11.85	29.95	203	26	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		11420	47.16	-26.84	74	57.48	39.06	17.05	66.43	-	-	P	H
		17130	47.06	-21.14	68.2	53.93	38.16	21.27	66.3	-	-	P	H
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		11420	46.82	-27.18	74	57.14	39.06	17.05	66.43	-	-	P	V
		17130	46.84	-21.36	68.2	53.71	38.16	21.27	66.3	-	-	P	V
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													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
Remark	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 3 Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5415.52	54.19	-19.81	74	39.83	32.9	11.18	29.72	303	181	P	H
		5467.39	53.89	-14.31	68.2	39.48	32.9	11.28	29.77	303	181	P	H
		5450.62	41.16	-12.84	54	26.76	32.9	11.25	29.75	303	181	A	H
	*	5690	102.63	-	-	87.51	33.34	11.66	29.88	303	181	P	H
	*	5690	95.37	-	-	80.25	33.34	11.66	29.88	303	181	A	H
		5894.5	56.28	-11.92	68.2	40.19	34.18	11.87	29.96	303	181	P	H
		5458.03	54.45	-19.55	74	40.04	32.9	11.27	29.76	211	28	P	V
		5460.76	53.59	-14.61	68.2	39.18	32.9	11.27	29.76	211	28	P	V
		5459.98	41.35	-12.65	54	26.94	32.9	11.27	29.76	211	28	A	V
	*	5690	106.68	-	-	91.56	33.34	11.66	29.88	211	28	P	V
	*	5690	98.49	-	-	83.37	33.34	11.66	29.88	211	28	A	V
		5903.5	56.96	-11.24	68.2	40.84	34.2	11.88	29.96	211	28	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)

[illegible]



Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full LF		50.79	27.18	-12.82	40	44.7	13.92	1.01	32.45	-	-	P	H
		79.14	30.82	-9.18	40	48.71	13.33	1.18	32.4	-	-	P	H
		150.42	33.4	-10.1	43.5	46.89	17.19	1.74	32.42	-	-	P	H
		325.2	24.81	-21.19	46	34.79	19.73	2.72	32.43	-	-	P	H
		556.9	27.05	-18.95	46	30.44	25.71	3.47	32.57	-	-	P	H
		837.6	30.44	-15.56	46	29.85	28.48	4.4	32.29	-	-	P	H
													H
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		41.88	33.59	-6.41	40	46.83	18.35	0.88	32.47	100	2	Q	V
		47.55	34.17	-5.83	40	50.37	15.29	0.97	32.46	100	358	Q	V
		52.14	36.49	-3.51	40	54.59	13.32	1.02	32.44	100	118	Q	V
		325.2	23.51	-22.49	46	33.49	19.73	2.72	32.43	-	-	P	V
		703.9	33.21	-12.79	46	35.7	26.16	4.09	32.74	-	-	P	V
		888	33.74	-12.26	46	32.78	28.4	4.56	32	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 36		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
5180MHz													

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)
2. Margin (dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54 (dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jack Tasi, Gary Guo and Steven Wu	Temperature :	20~25°C
		Relative Humidity :	65~68%

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	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

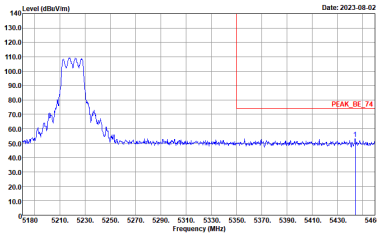
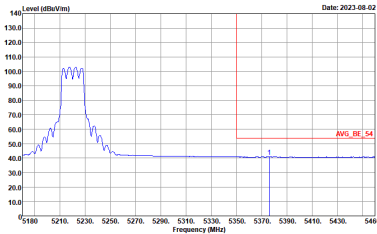


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

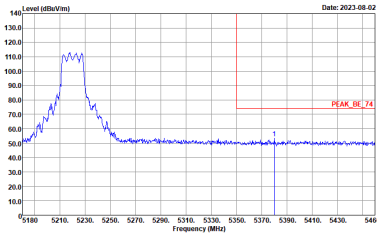
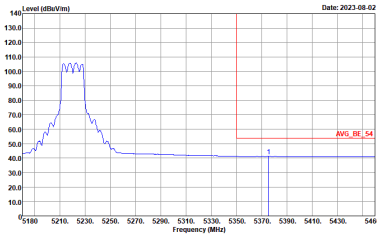


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

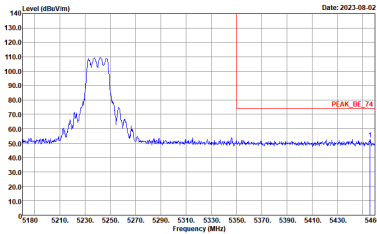
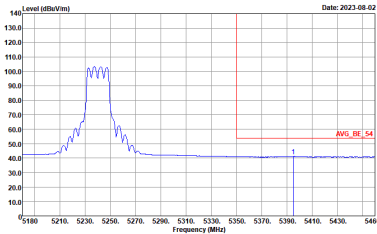


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto

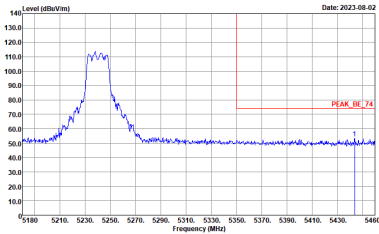
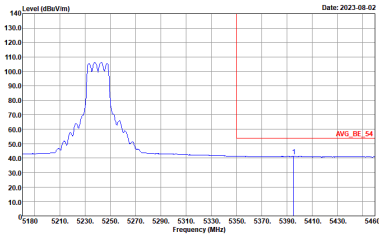


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



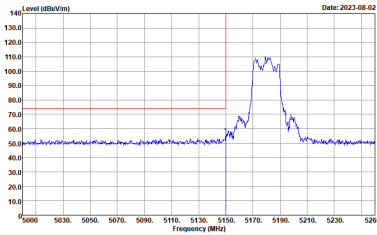
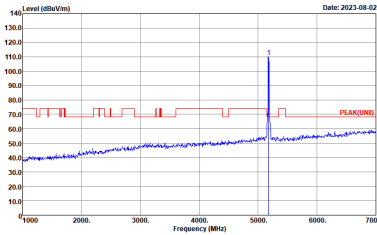
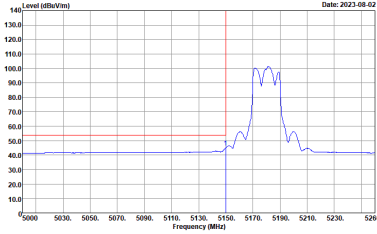
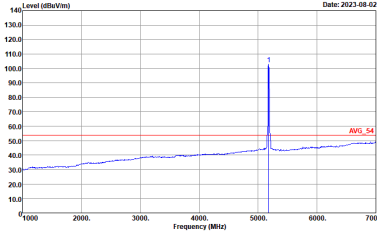
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	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	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

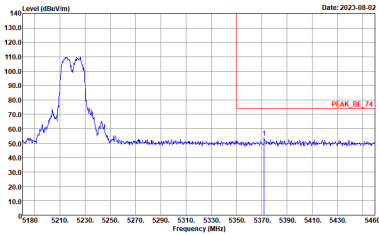
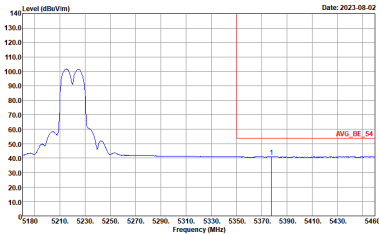


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

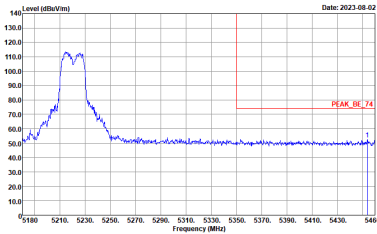
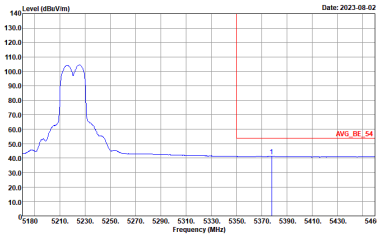


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto

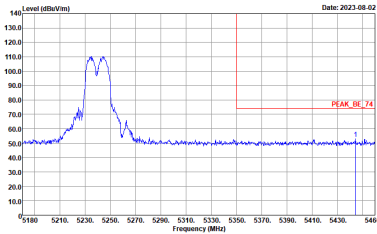
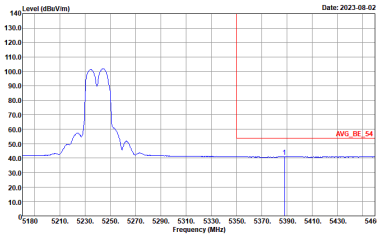


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

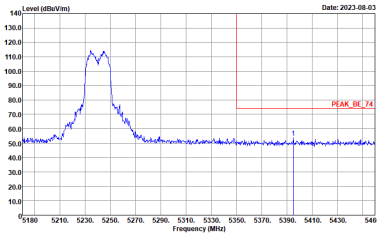
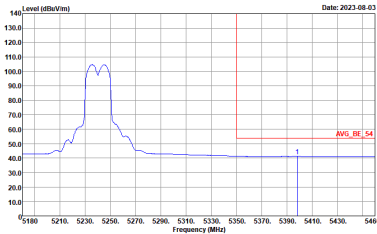


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



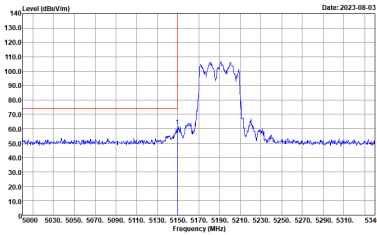
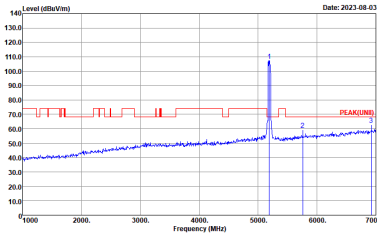
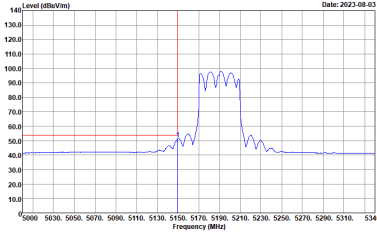
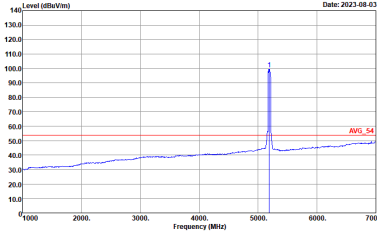
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



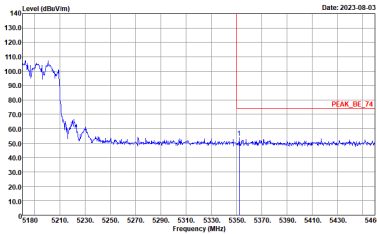
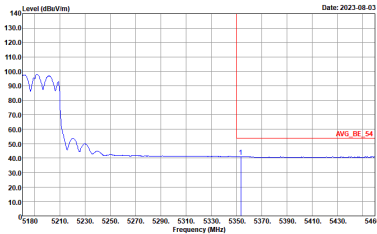
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



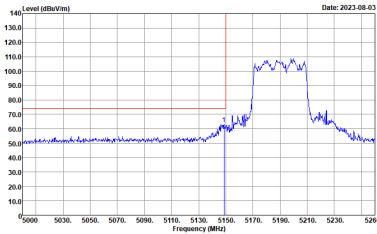
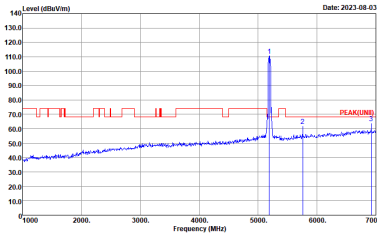
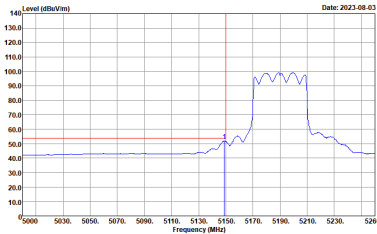
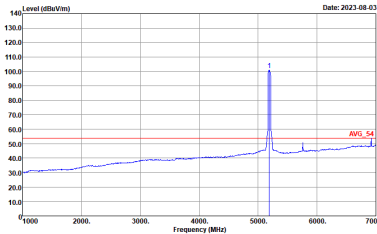
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUN1) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

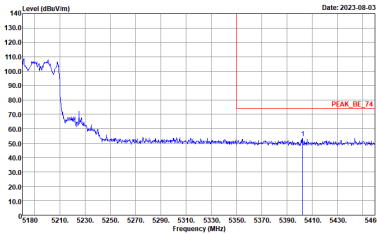
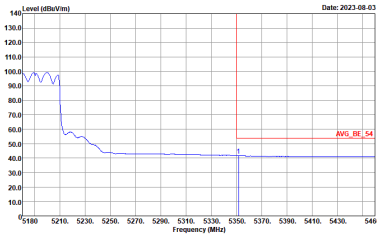


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

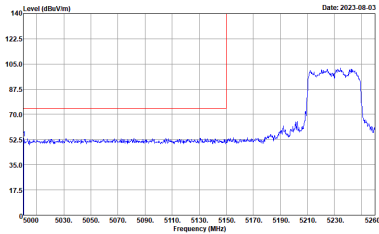
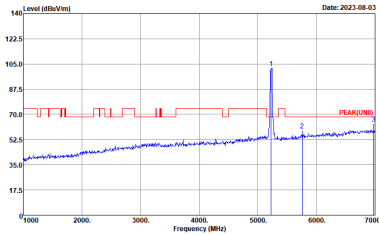
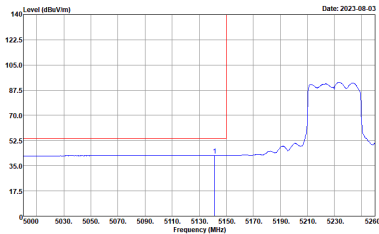
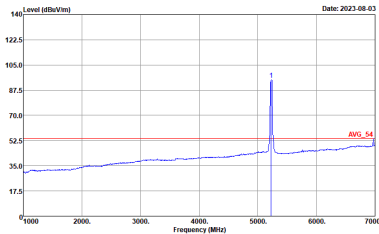


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

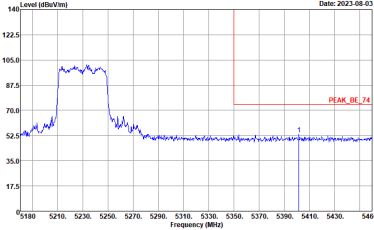
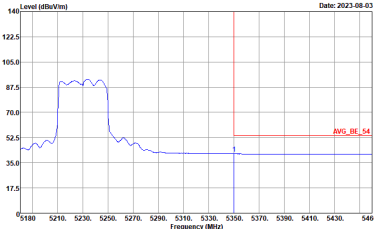


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

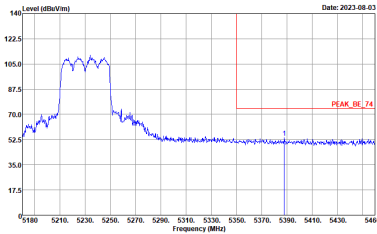
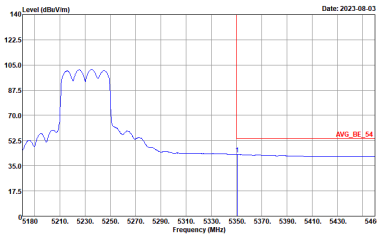


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto



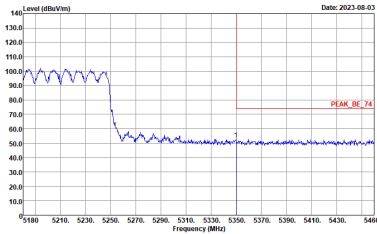
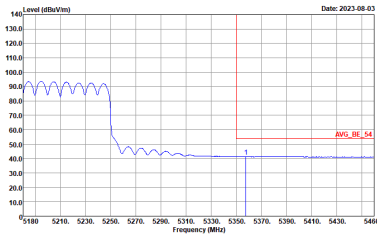
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2023-08-03	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto Date: 2023-08-03	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	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto

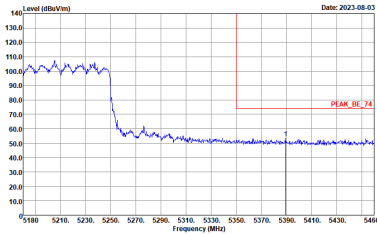
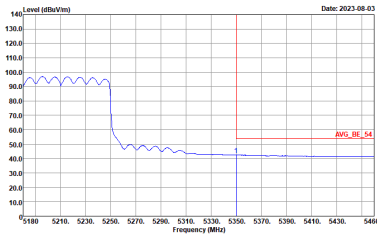


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:3000.000kHz VBW:0.010kHz SWT:Auto	Left blank



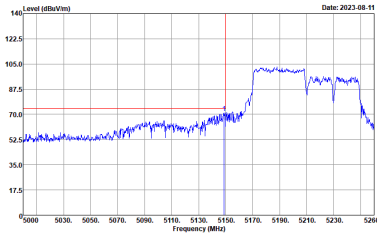
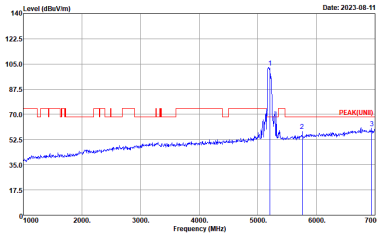
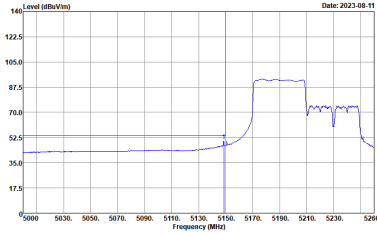
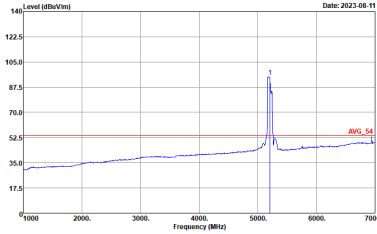
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_F_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



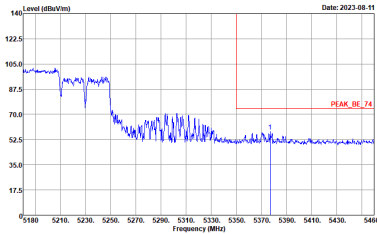
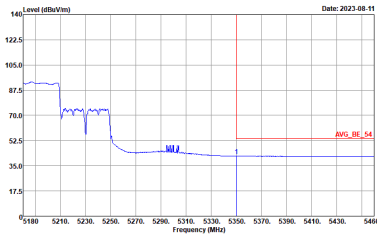
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Date: 2023-08-03	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:3000.000kHz VBW:0.010kHz SWT:Auto Date: 2023-08-03	Left blank



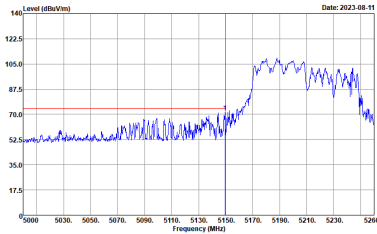
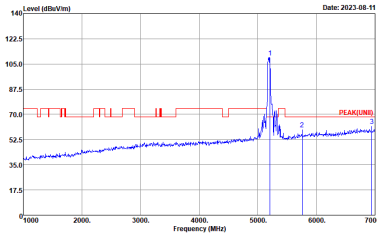
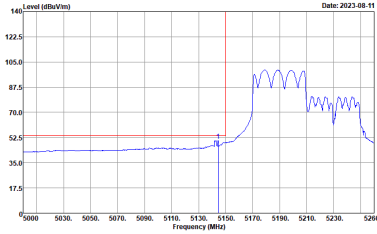
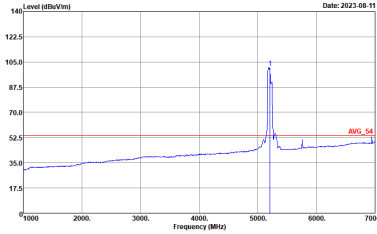
Band 1 5150~5250MHz
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_FUND 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

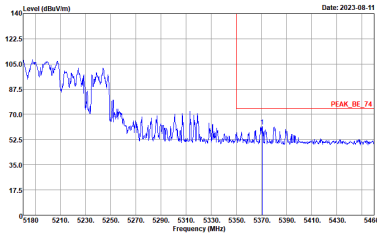
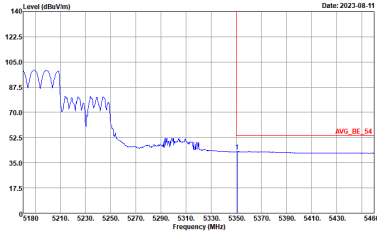


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Date: 2023-08-11	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:3000.000kHz VBW:0.010kHz SWT:Auto Date: 2023-08-11	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

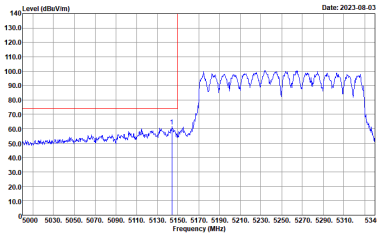
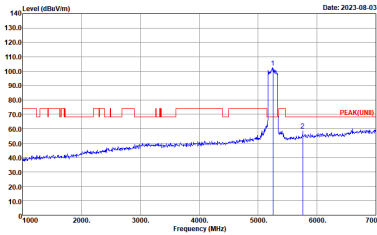
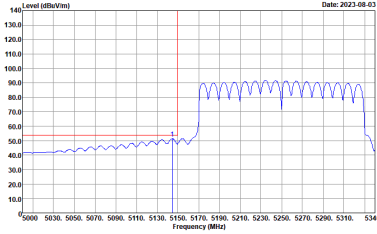
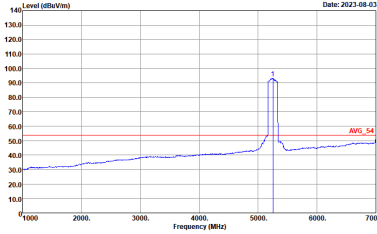


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Date: 2023-08-11	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:3000.000kHz VBW:0.0100kHz SWT:Auto Date: 2023-08-11	Left blank

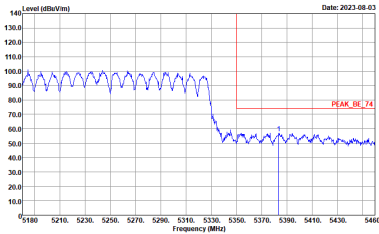
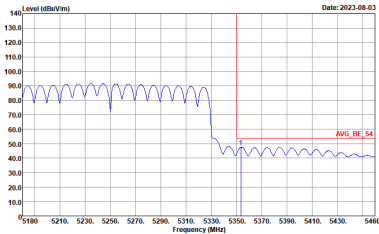


Band 1 5150~5250MHz

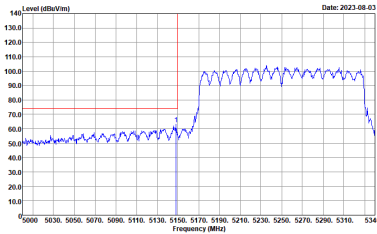
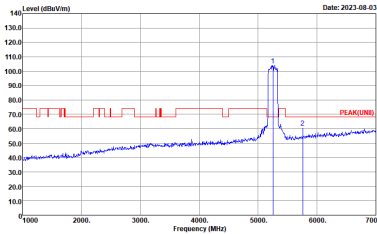
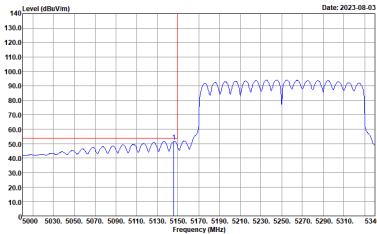
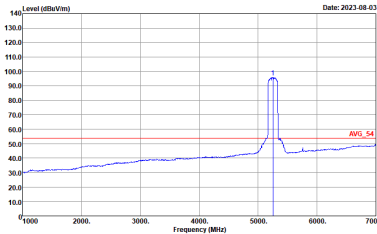
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

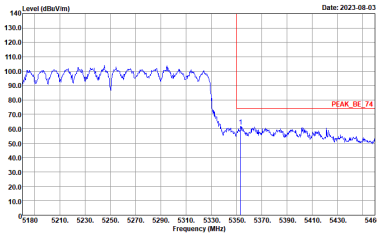
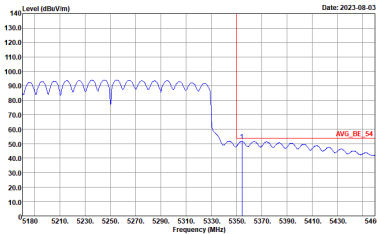


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



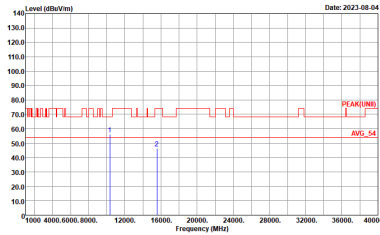
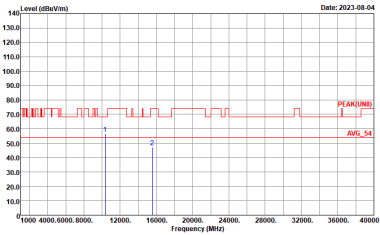
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



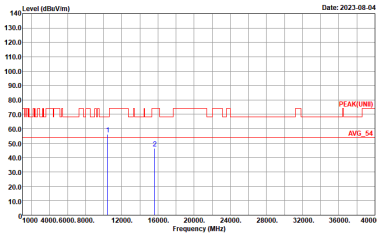
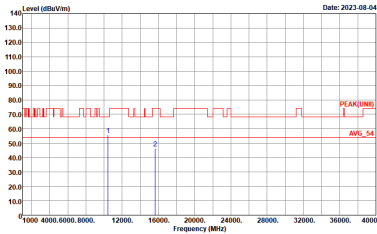
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



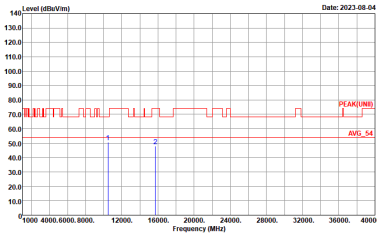
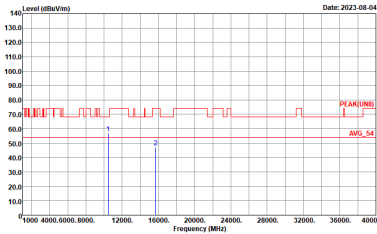
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : :PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : :PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



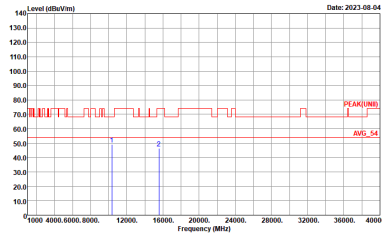
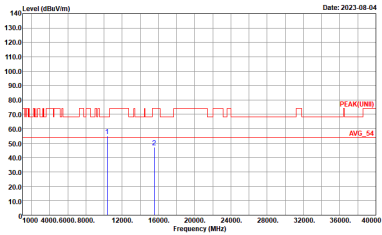
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



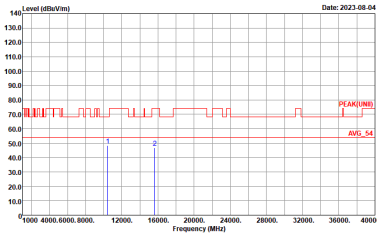
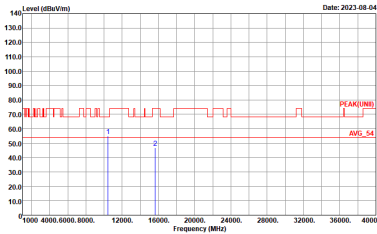
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



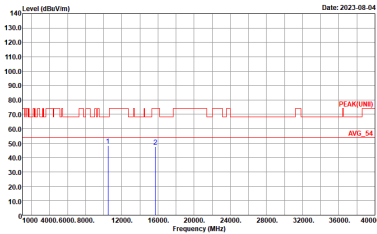
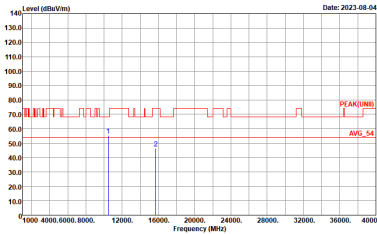
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : :PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :.	 Site : 03CH16-HY Condition : :PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :.



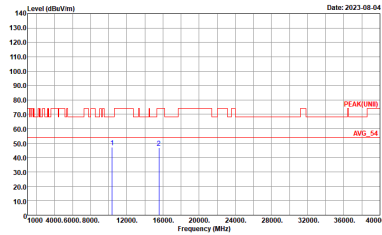
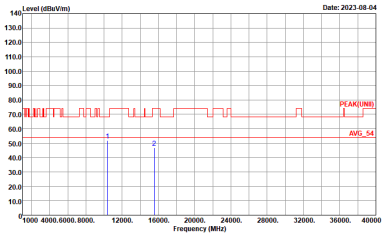
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



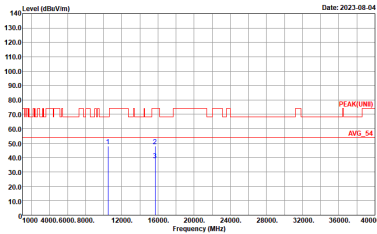
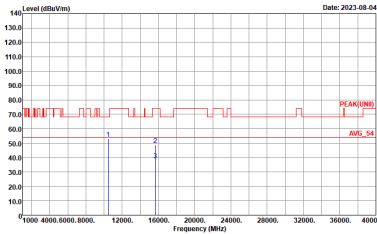
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



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

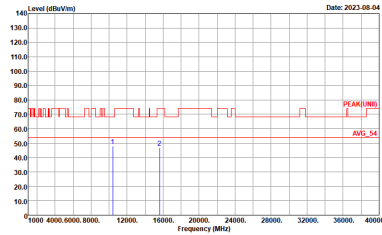
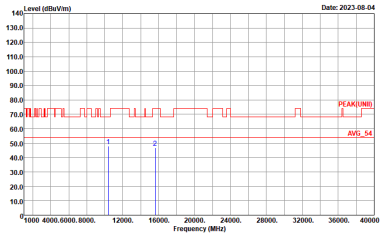
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :

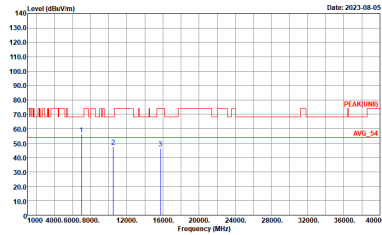
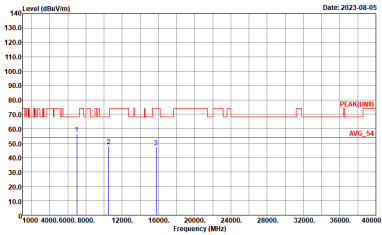


Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :

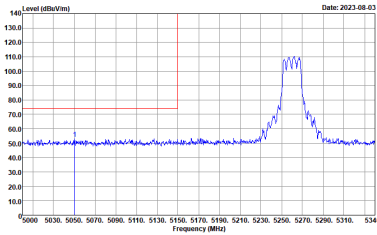
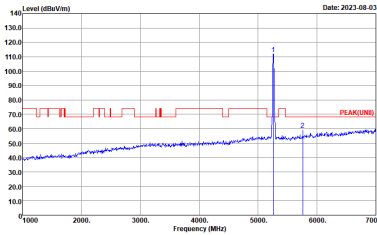
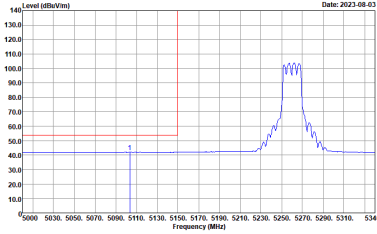
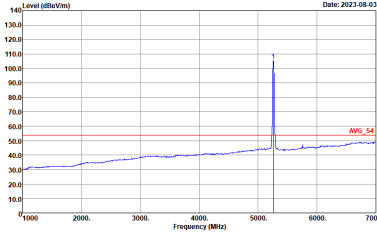


Band 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

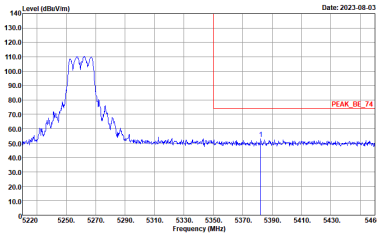
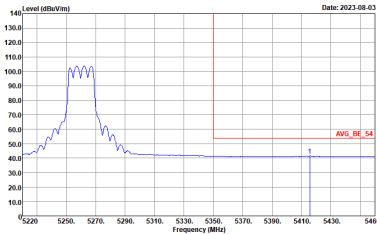
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : :PEAK(UNIT) 3m 91200_1522_230323 HORIZONTAL :	 Site : 03CH16-HY Condition : :PEAK(UNIT) 3m 91200_1522_230323 VERTICAL :



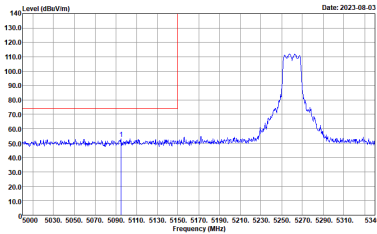
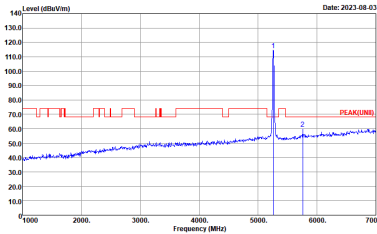
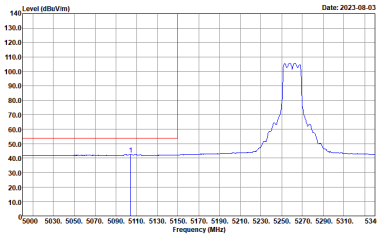
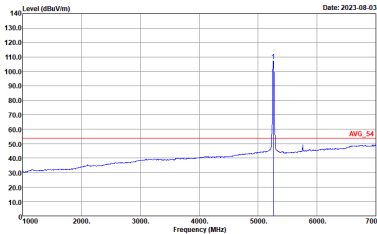
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

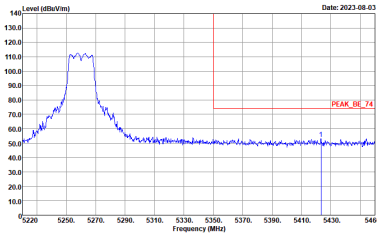
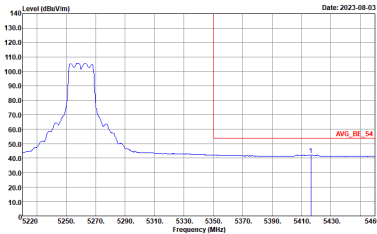


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

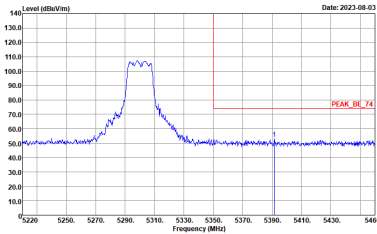
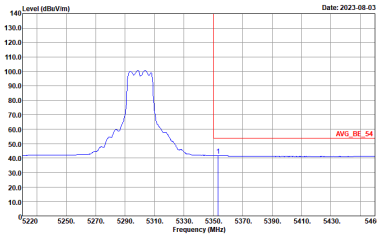


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

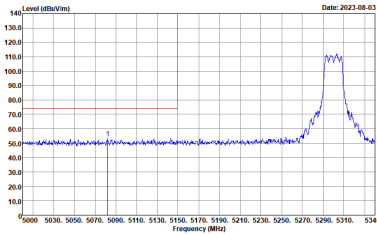
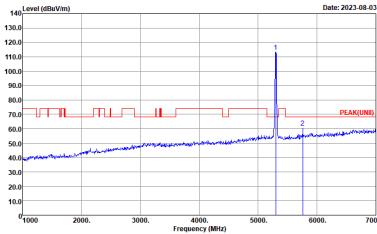
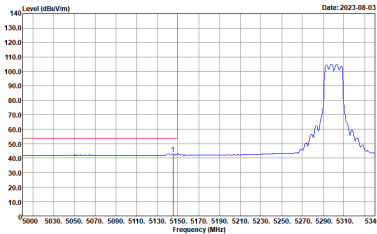
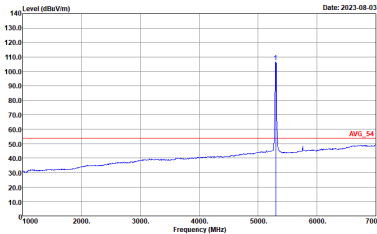


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

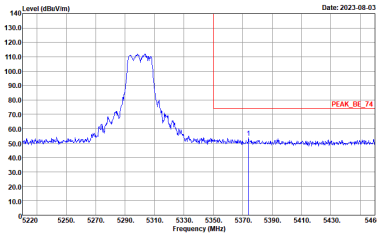
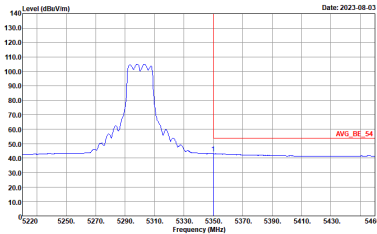


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

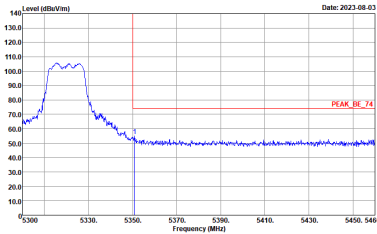
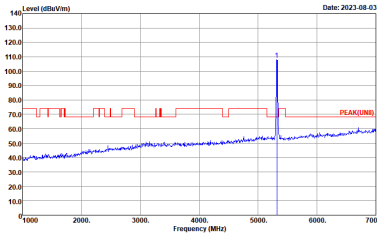
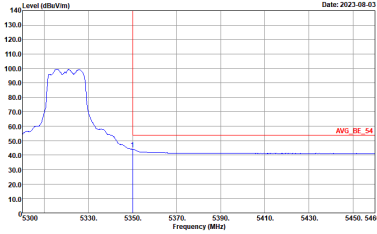
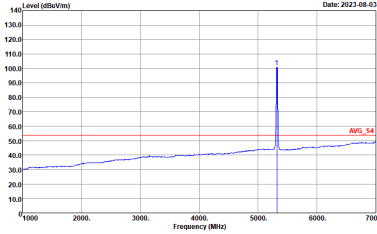


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(LNB) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



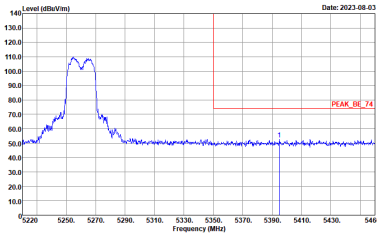
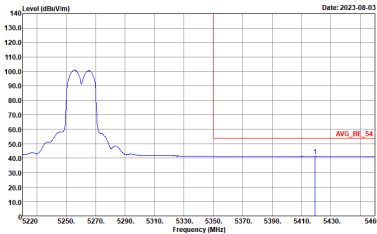
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(LNB) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



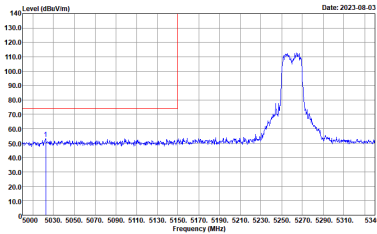
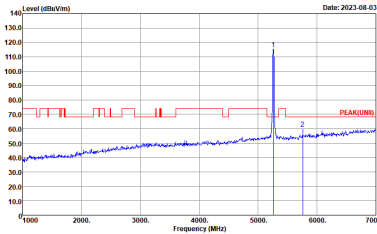
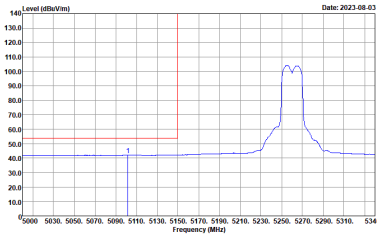
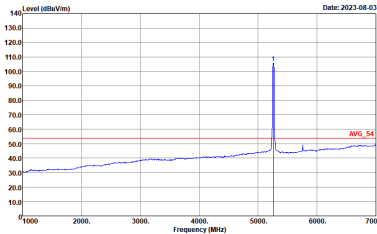
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

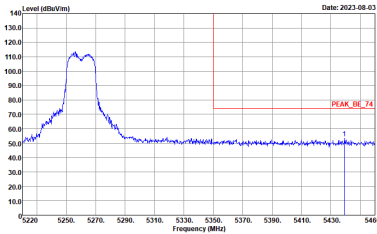
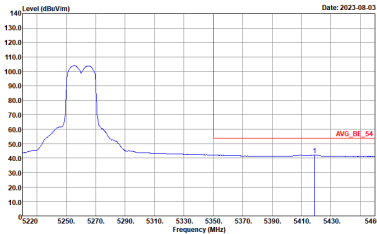


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

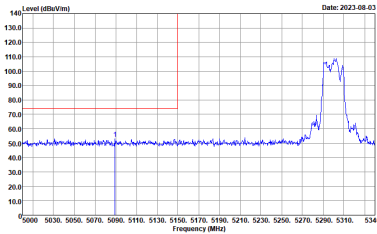
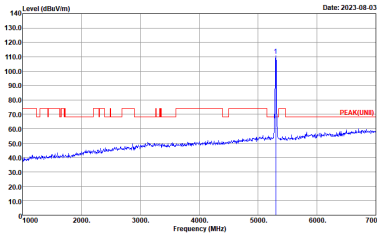
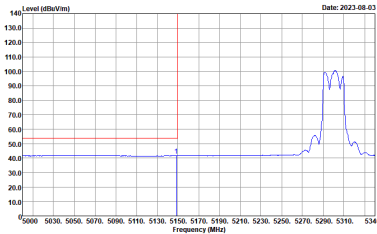
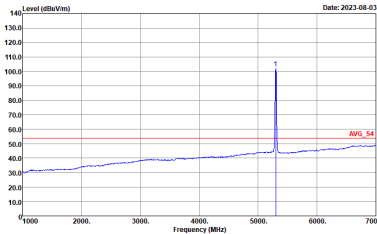


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(LINE1) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

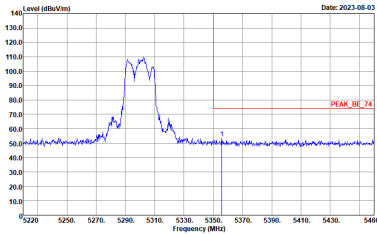
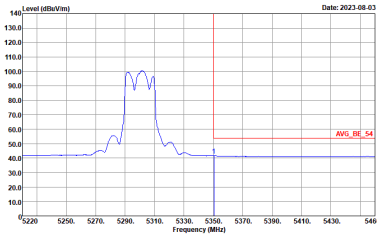


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

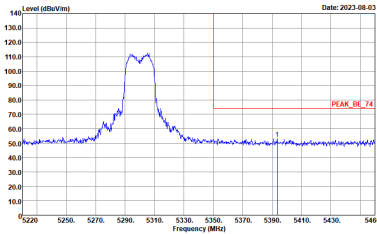
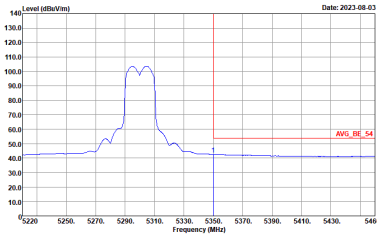


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



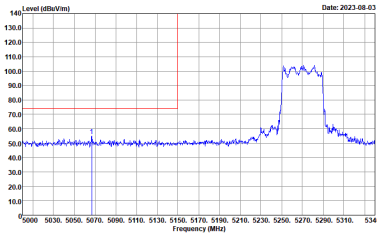
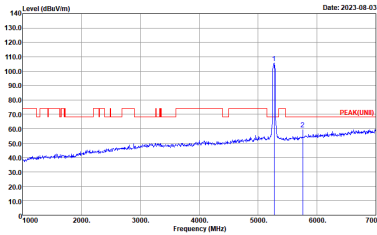
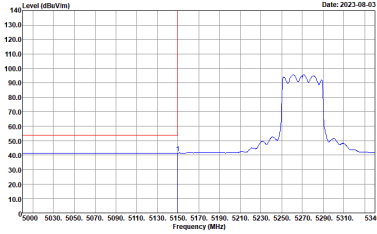
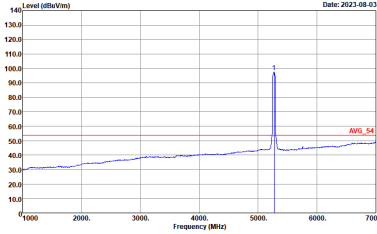
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : : PEAK(LNB) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



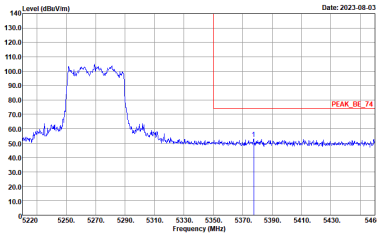
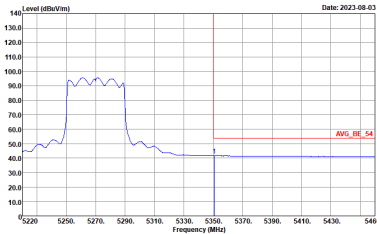
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



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 MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

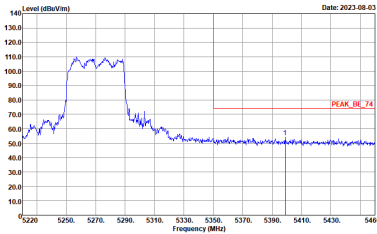
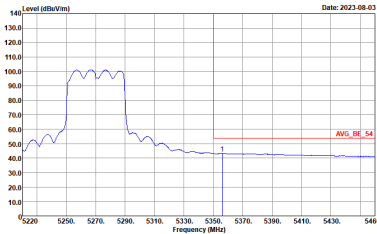


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank

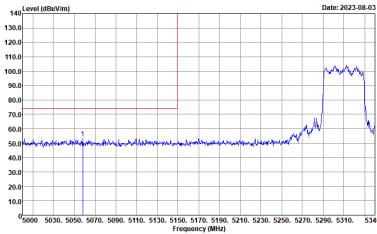
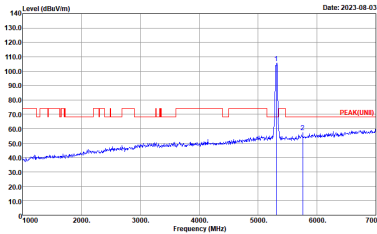
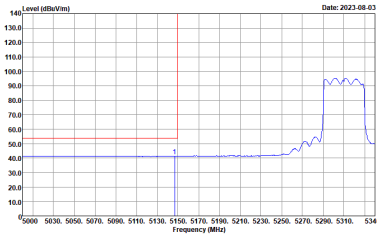
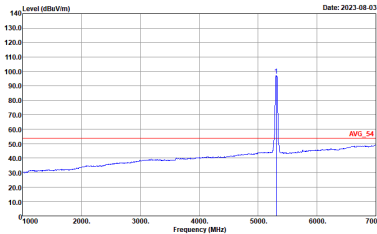


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

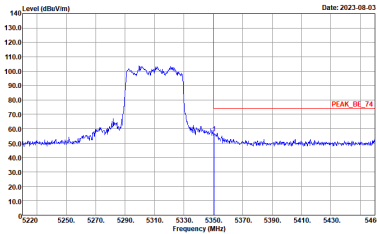
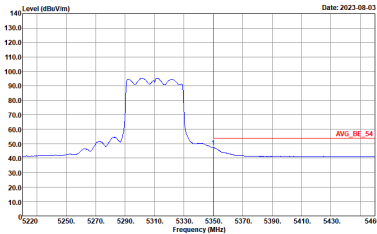


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Left blank