FCC RADIO TEST REPORT

FCC ID	:	**U4G-SGVNRNA**
Equipment	:	**Mobile Computer/Barcode Reader**
Brand Name	:	**Datalogic**
Model Name	:	**SGVNRNA**
Applicant	:	**Datalogic S.r.l.** **Via San Vitalino 13, 40012 Lippo di Calderara di Reno (BO) – Italy**
Manufacturer	:	**Datalogic S.r.l.** **Via San Vitalino 13, 40012 Lippo di Calderara di Reno (BO) – Italy**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 17, 2024 and testing was performed from Apr. 25, 2024 to Jun. 06, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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History of this test report

Report No.	Version	Description	Issue Date
FR440146E	01	Initial issue of report	Jul. 03, 2024
FR440146E	02	Revise Test Mode and Appendix E This report is an updated version, replacing the report issued on Jul. 03, 2024.	Jul. 10, 2024

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	3.06 dB under the limit at 5388.88 MHz
3.5	15.207	AC Conducted Emission	Pass	9.51 dB under the limit at 0.64 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

1. 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.
2. The purpose of different equipment name is for marketing segmentation.

Reviewed by: Wei Chen

Report Producer: Mila Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11a/ax, NFC, WPC Rx, and GNSS.
Antenna Type	WWAN: **<Ant. 0>**: Loop Antenna **<Ant. 1>**: Loop Antenna **<Ant. 2+3>**: Coupling monopole Antenna **<Ant. 4>**: PIFA Antenna **<Ant. 5>**: PIFA Antenna **<Ant. 6>**: Loop Antenna **<Ant. 7>**: Monopole Antenna WLAN: **<Ant. 8>**: Coupling monopole Antenna **<Ant. 9>**: Loop Antenna Bluetooth: Coupling monopole Antenna GPS/Glonass/BDS/Galileo: Coupling monopole Antenna NFC: Loop Antenna WPC Rx: Single Coil Antenna
Sample 1	scan (Argon)
Sample 2	scan (Xenon)
HW Version	DVT2
SW Version	dl4490_gms-userdebug_1.04.001.20240520_a13_qfil_fastboot

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 8: 0.90 Ant. 9: 0.50
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 8: 0.90 Ant. 9: 0.60
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 8: 2.10 Ant. 9: 1.10

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

EUT Information List		
S/N	P/N	Performed Test Item
919f8e49	944850003	RF Conducted Measurement
V24D00530 V24D00429	944850003 944850006	Radiated Spurious Emission
V24D00547 V24D00390	944850003 944850006	AC Conducted Emission

1.1.1 Antenna Directional Gain

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

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

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

where

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

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

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

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

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

	Ant 8 (dBi)	Ant 9 (dBi)	for Power (dBi)	for PSD (dBi)	Limit Reduction (dB)	Limit Reduction (dB)
Band I	0.90	0.50	0.90	3.71	0.00	0.00
Band II	0.90	0.60	0.90	3.76	0.00	0.00
Band III	2.10	1.10	2.10	4.62	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT8}= 2.10dBi; G_{ANT9}=1.10dBi

Directional gain of power measurement = max(2.10, 1.10) + 0 = 2.10 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (2.10 dBi / 20) + 10^ (1.10 dBi / 20)] ^ 2 } / 2 }

= 4.62 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). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

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

Note:

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

2.2 Test Mode

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

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

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 : GSM 1900 Link + WLAN (5GHz) Link + Bluetooth Link + NFC Link + Scan + Battery (low power) + USB Cable (Charging from AC Adapter) for Sample 1
Remark: **1.** During the preliminary test, both charging modes (Adapter mode and WPC Rx Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.	

<Sample 1>

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

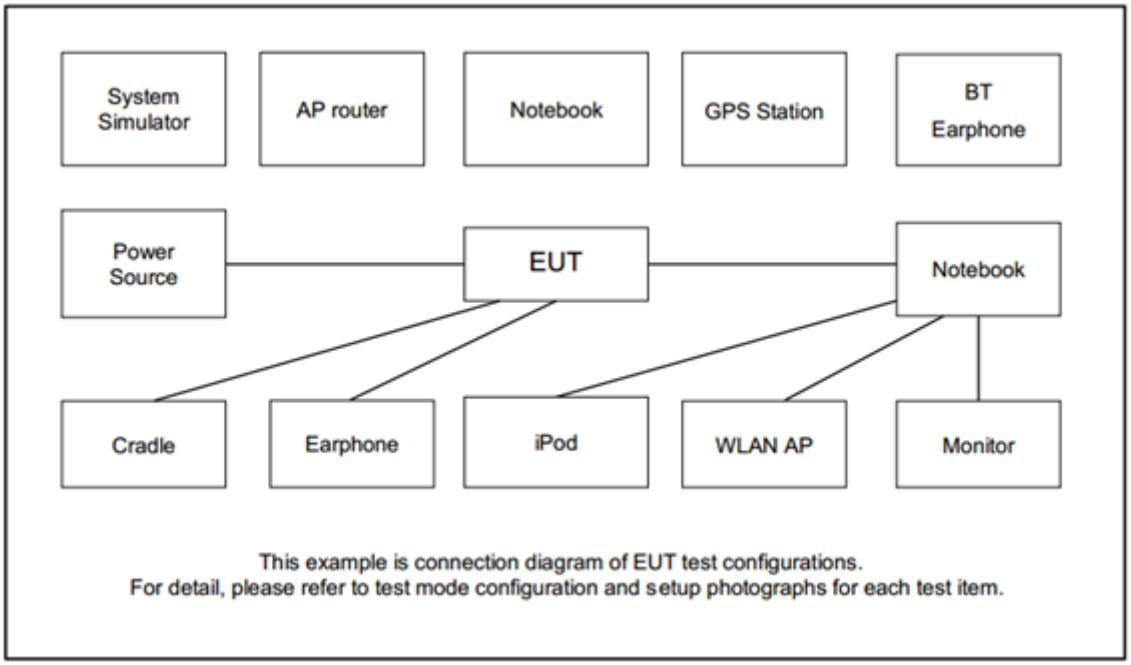
BW160	5150-5350 MHz	5470-5725MHz
	802.11ax HE160	802.11ax HE160
Ch. #	50	114

<Sample 2>

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

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.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
3.	WLAN AP	ASUS	GT-AXE11000	FCC DoC	N/A	Unshielded, 1.8m
4.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	SD Card	ADATA	MicroSD HC	FCC DoC	N/A	N/A
6.	NFC Card	Metro Taipei	Easy Card	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT 4.0.00206.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

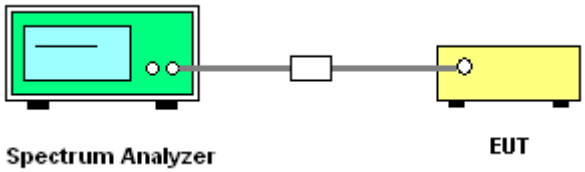
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

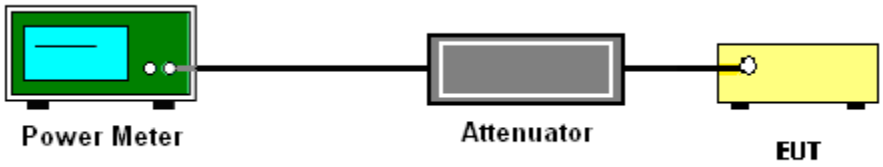
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

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

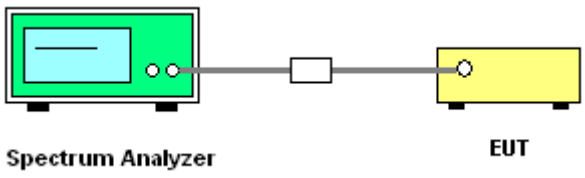
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

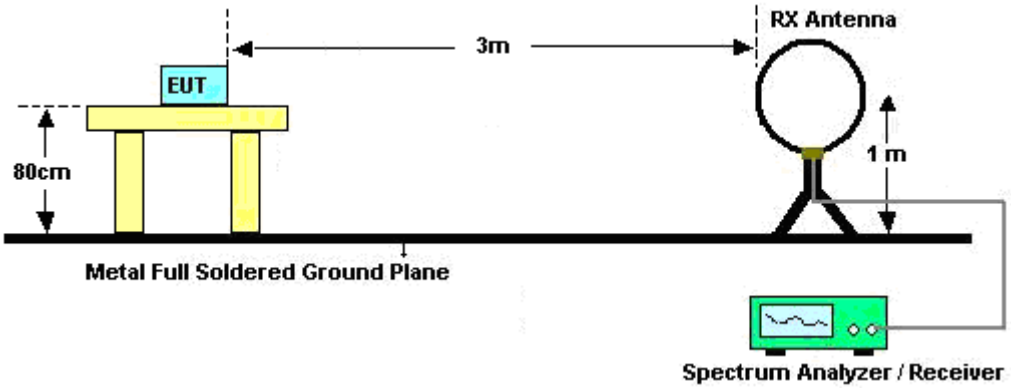
(2) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

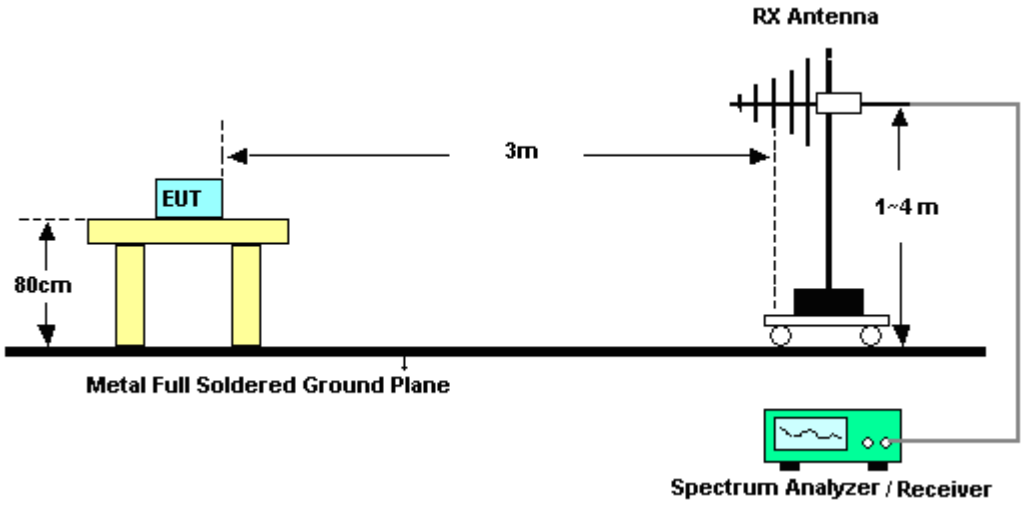
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

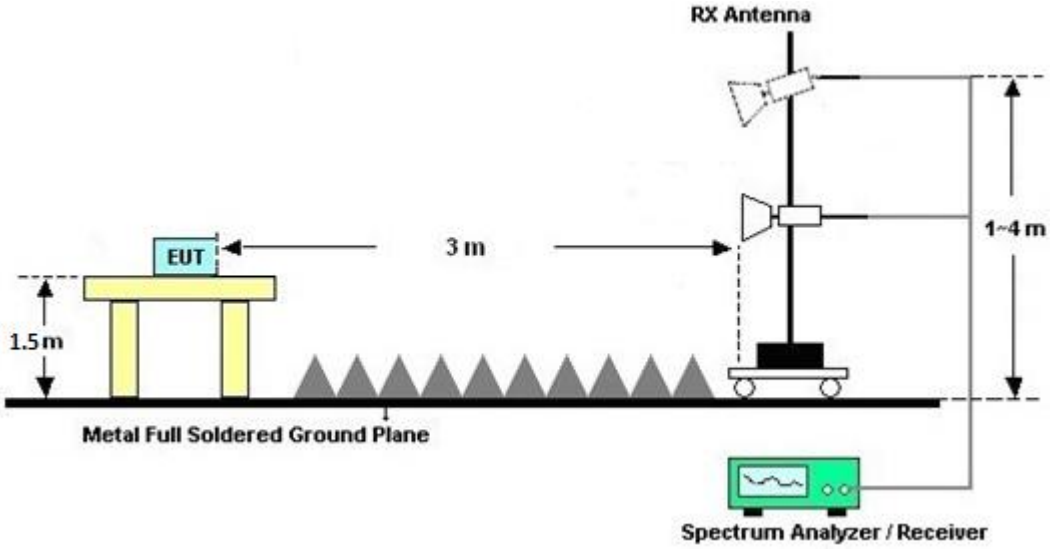
For radiated emissions below 30MHz



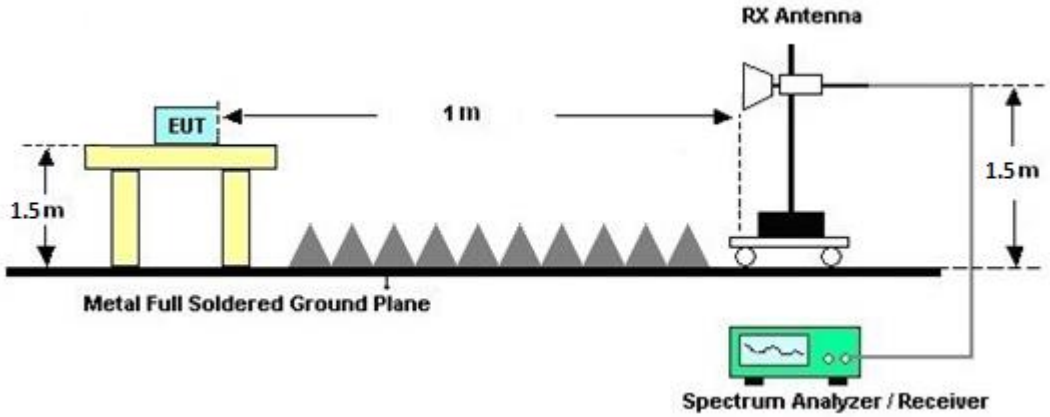
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

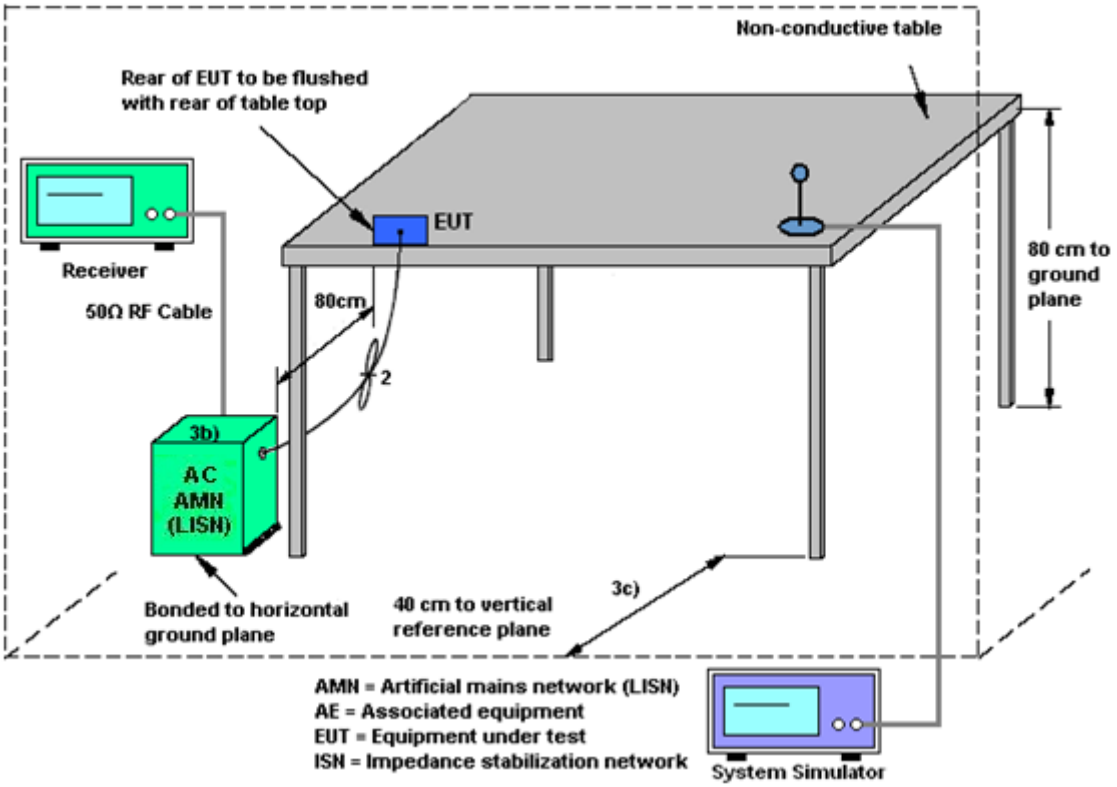
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 15, 2024~ May 28, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	May 15, 2024~ May 28, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	May 15, 2024~ May 28, 2024	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	May 15, 2024~ May 28, 2024	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	May 15, 2024~ May 28, 2024	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2023	May 15, 2024~ May 28, 2024	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 28, 2023	May 15, 2024~ May 28, 2024	Dec. 27, 2024	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Apr. 29, 2024~ Jun. 06, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36 (NO:35)	10MHz~6GHz	Aug. 23, 2023	Apr. 29, 2024~ Jun. 06, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Jan. 24, 2024	Apr. 29, 2024~ Jun. 06, 2024	Jan. 23, 2025	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Apr. 25, 2024~ May 29, 2024	Sep. 11, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1224	18GHz-40GHz	Jul. 10, 2023	Apr. 25, 2024~ May 29, 2024	Jul. 09, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	Apr. 25, 2024~ May 29, 2024	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 28, 2024	Apr. 25, 2024~ May 29, 2024	Mar. 27, 2025	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	Apr. 25, 2024~ May 29, 2024	Jul. 02, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 07, 2023	Apr. 25, 2024~ May 29, 2024	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	Apr. 25, 2024~ May 29, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Apr. 25, 2024~ May 29, 2024	Jun. 26, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	Apr. 25, 2024~ May 29, 2024	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN3	3GHz High Pass Filter	Jun. 29, 2023	Apr. 25, 2024~ May 29, 2024	Jun. 28, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN27	6.75GHz High Pass Filter	Nov. 13, 2023	Apr. 25, 2024~ May 29, 2024	Nov. 12, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Apr. 25, 2024~ May 29, 2024	Mar. 05, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-5757,805935/4,802434/4	30MHz~18GHz	Aug. 08, 2023	Apr. 25, 2024~ May 29, 2024	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40GHz	Jan. 02, 2024	Apr. 25, 2024~ May 29, 2024	Jan. 01, 2025	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Apr. 25, 2024~ May 29, 2024	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Apr. 25, 2024~ May 29, 2024	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Apr. 25, 2024~ May 29, 2024	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Apr. 25, 2024~ May 29, 2024	N/A	Radiation (03CH16-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))	**4.5 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))	**5.5 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ju Chang and Shiming Liu	Temperature:	21~25	°C
Test Date:	2024/4/29-2024/6/6	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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	36	5180	16.26	16.31	18.79	19.15	-		22.11			
11a	6Mbps	2	40	5200	16.22	16.30	18.60	19.14	-		22.10		-	
11a	6Mbps	2	48	5240	16.20	16.31	18.66	19.13	-		22.10			

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 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	36	5180	15.47	15.82	18.66	24.00		0.90			Pass
11a	6Mbps	2	40	5200	16.33	16.86	19.61	24.00		0.90			Pass
11a	6Mbps	2	48	5240	16.41	16.87	19.66	24.00		0.90			Pass
HT20	MCS0	2	36	5180	15.32	15.68	18.51	24.00		0.90			Pass
HT20	MCS0	2	40	5200	15.58	15.78	18.69	24.00		0.90			Pass
HT20	MCS0	2	48	5240	15.48	15.55	18.53	24.00		0.90			Pass
HT40	MCS0	2	38	5190	14.10	14.65	17.39	24.00		0.90			Pass
HT40	MCS0	2	46	5230	15.00	15.37	18.20	24.00		0.90		-	Pass
VHT20	MCS0	2	36	5180	15.42	15.78	18.61	24.00		0.90			Pass
VHT20	MCS0	2	40	5200	15.58	15.78	18.69	24.00		0.90			Pass
VHT20	MCS0	2	48	5240	15.58	15.65	18.63	24.00		0.90			Pass
VHT40	MCS0	2	38	5190	14.20	14.75	17.49	24.00		0.90			Pass
VHT40	MCS0	2	46	5230	15.00	15.37	18.20	24.00		0.90			Pass
VHT80	MCS0	2	42	5210	13.22	13.42	16.33	24.00		0.90			Pass
VHT160	MCS0	2	50	5250	9.60	10.60	13.14	24.00		0.90			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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	36	5180	0.03	0.03			8.91	11.00		3.71			Pass
11a	6Mbps	2	40	5200	0.03	0.03			10.49	11.00		3.71			Pass
11a	6Mbps	2	48	5240	0.03	0.03			9.86	11.00		3.71			Pass
VHT20	MCS0	2	36	5180	0.00	0.00			8.19	11.00		3.71			Pass
VHT20	MCS0	2	40	5200	0.00	0.00			8.79	11.00		3.71			Pass
VHT20	MCS0	2	48	5240	0.00	0.00	-		8.67	11.00		3.71		-	Pass
VHT40	MCS0	2	38	5190	0.00	0.00			4.80	11.00		3.71			Pass
VHT40	MCS0	2	46	5230	0.00	0.00			5.44	11.00		3.71			Pass
VHT80	MCS0	2	42	5210	0.00	0.00			1.56	11.00		3.71			Pass
VHT160	MCS0	2	50	5250	0.03	0.03			-4.00	11.00		3.71			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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	
11a	6Mbps	2	52	5260	16.17	16.30	18.54	18.98	23.09		29.09		23.68		-
11a	6Mbps	2	60	5300	16.12	16.30	18.60	19.07	23.07		29.07		23.70		
11a	6Mbps	2	64	5320	16.12	16.31	18.68	19.08	23.07		29.07		23.71		

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 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	52	5260	16.22	17.01	19.64	23.68		0.90		30	Pass
11a	6Mbps	2	60	5300	16.23	17.10	19.70	23.70		0.90		30	Pass
11a	6Mbps	2	64	5320	15.72	16.44	19.11	23.71		0.90		30	Pass
HT20	MCS0	2	52	5260	15.18	15.51	18.36	23.98		0.90		30	Pass
HT20	MCS0	2	60	5300	15.15	15.76	18.48	23.98		0.90		30	Pass
HT20	MCS0	2	64	5320	15.13	15.44	18.30	23.98		0.90		30	Pass
HT40	MCS0	2	54	5270	14.93	15.70	18.34	23.98		0.90		30	Pass
HT40	MCS0	2	62	5310	11.34	12.80	15.14	23.98		0.90		30	Pass
VHT20	MCS0	2	52	5260	15.28	15.61	18.46	23.98		0.90		30	Pass
VHT20	MCS0	2	60	5300	15.25	15.86	18.58	23.98		0.90		30	Pass
VHT20	MCS0	2	64	5320	15.13	15.44	18.30	23.98		0.90		30	Pass
VHT40	MCS0	2	54	5270	15.03	15.80	18.44	23.98		0.90		30	Pass
VHT40	MCS0	2	62	5310	11.35	12.66	15.06	23.98		0.90		30	Pass
VHT80	MCS0	2	58	5290	11.75	12.40	15.10	23.98		0.90		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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	52	5260	0.03	0.03			10.05	11.00		3.76			Pass
11a	6Mbps	2	60	5300	0.03	0.03			9.88	11.00		3.76			Pass
11a	6Mbps	2	64	5320	0.03	0.03			9.77	11.00		3.76			Pass
VHT20	MCS0	2	52	5260	0.00	0.00			8.39	11.00		3.76			Pass
VHT20	MCS0	2	60	5300	0.00	0.00	-		8.41	11.00		3.76		-	Pass
VHT20	MCS0	2	64	5320	0.00	0.00			8.32	11.00		3.76			Pass
VHT40	MCS0	2	54	5270	0.00	0.00			5.76	11.00		3.76			Pass
VHT40	MCS0	2	62	5310	0.00	0.00			3.09	11.00		3.76			Pass
VHT80	MCS0	2	58	5290	0.00	0.00			1.23	11.00		3.76			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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9
11a	6Mbps	2	100	5500	16.13	16.30	18.93	19.11	23.08		29.08		23.77		----	----
11a	6Mbps	2	116	5580	16.18	16.31	19.11	19.16	23.09		29.09		23.81		----	----
11a	6Mbps	2	140	5700	16.24	16.33	19.14	19.19	23.11		29.11		23.82		----	----

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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9
11a	6Mbps	2	144	5720	13.18	13.16	14.70	14.52	22.19		28.19		22.62		2.54	2.555
6dB Bandwidth Limit ≧ 500kHz															Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	100	5500	15.72	16.24	19.00	23.77		2.10		30	Pass
11a	6Mbps	2	116	5580	16.43	16.55	19.50	23.81		2.10		30	Pass
11a	6Mbps	2	140	5700	15.77	16.49	19.16	23.82		2.10		30	Pass
HT20	MCS0	2	100	5500	15.14	15.47	18.32	23.98		2.10		30	Pass
HT20	MCS0	2	116	5580	15.62	15.60	18.62	23.98		2.10		30	Pass
HT20	MCS0	2	140	5700	14.76	15.16	17.97	23.98		2.10		30	Pass
HT40	MCS0	2	102	5510	13.58	13.95	16.78	23.98		2.10		30	Pass
HT40	MCS0	2	110	5550	15.40	15.80	18.61	23.98		2.10		30	Pass
HT40	MCS0	2	134	5670	15.57	15.64	18.62	23.98		2.10		30	Pass
VHT20	MCS0	2	100	5500	15.04	15.37	18.22	23.98		2.10		30	Pass
VHT20	MCS0	2	116	5580	15.68	15.60	18.65	23.98		2.10		30	Pass
VHT20	MCS0	2	140	5700	14.86	15.26	18.07	23.98		2.10		30	Pass
VHT40	MCS0	2	102	5510	13.68	14.05	16.88	23.98		2.10		30	Pass
VHT40	MCS0	2	110	5550	15.40	15.80	18.61	23.98		2.10		30	Pass
VHT40	MCS0	2	134	5670	15.57	15.64	18.62	23.98		2.10		30	Pass
VHT80	MCS0	2	106	5530	13.50	13.74	16.63	23.98		2.10		30	Pass
VHT80	MCS0	2	122	5610	15.54	15.80	18.68	23.98		2.10		30	Pass
VHT160	MCS0	2	114	5570	12.07	12.11	15.10	23.98		2.10		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 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	144	5720	16.54	16.71	19.64	22.62		2.10		30	Pass
HT20	MCS0	2	144	5720	15.57	15.38	18.49	23.98		2.10		30	Pass
HT40	MCS0	2	142	5710	15.62	15.58	18.61	23.98		2.10		30	Pass
VHT20	MCS0	2	144	5720	15.67	15.48	18.59	23.98		2.10		30	Pass
VHT40	MCS0	2	142	5710	15.62	15.58	18.61	23.98		2.10		30	Pass
VHT80	MCS0	2	138	5690	15.29	15.79	18.56	23.98		2.10		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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	100	5500	0.03	0.03			9.05	11.00		4.62			Pass
11a	6Mbps	2	116	5580	0.03	0.03			9.23	11.00		4.62			Pass
11a	6Mbps	2	140	5700	0.03	0.03			8.81	11.00		4.62			Pass
VHT20	MCS0	2	100	5500	0.00	0.00			8.30	11.00		4.62			Pass
VHT20	MCS0	2	116	5580	0.00	0.00			8.46	11.00		4.62			Pass
VHT20	MCS0	2	140	5700	0.00	0.00			7.36	11.00		4.62			Pass
VHT40	MCS0	2	102	5510	0.00	0.00	-		3.90	11.00		4.62		-	Pass
VHT40	MCS0	2	110	5550	0.00	0.00			5.91	11.00		4.62			Pass
VHT40	MCS0	2	134	5670	0.00	0.00			5.49	11.00		4.62			Pass
VHT80	MCS0	2	106	5530	0.00	0.00			1.78	11.00		4.62			Pass
VHT80	MCS0	2	122	5610	0.00	0.00			3.39	11.00		4.62			Pass
VHT160	MCS0	2	114	5570	0.03	0.03			-3.17	11.00		4.62			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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
11a	6Mbps	2	144	5720	0.03	0.03			9.36	11.00		4.62			Pass
VHT20	MCS0	2	144	5720	0.00	0.00			7.83	11.00		4.62			Pass
VHT40	MCS0	2	142	5710	0.00	0.00	-		5.25	11.00		4.62		-	Pass
VHT80	MCS0	2	138	5690	0.00	0.00			3.08	11.00		4.62			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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	36	5180	Full	18.81	18.87	20.58	21.02	-		22.74			
HE20	MCS0	2	36	5180	26/0	19.23	18.92	21.69	21.14	-		22.77			
HE20	MCS0	2	36	5180	52/37	18.80	18.41	21.96	21.10	-		22.65			
HE20	MCS0	2	36	5180	106/53	18.44	18.48	21.31	21.32	-		22.66			
HE20	MCS0	2	40	5200	Full	18.84	18.89	20.66	20.94	-		22.75			
HE20	MCS0	2	40	5200	26/4	17.15	17.07	18.74	18.50	-		22.32			
HE20	MCS0	2	40	5200	52/38	16.98	17.20	19.04	18.86	-		22.30			
HE20	MCS0	2	40	5200	106/53	18.49	18.46	21.28	21.54	-		22.66			
HE20	MCS0	2	48	5240	Full	18.90	18.88	20.88	20.84	-		22.76		-	-
HE20	MCS0	2	48	5240	26/8	18.27	18.57	20.30	20.59	-		22.62			
HE20	MCS0	2	48	5240	52/40	18.08	18.40	20.63	20.76	-		22.57			
HE20	MCS0	2	48	5240	106/54	18.32	18.36	21.09	21.14	-		22.63			
HE40	MCS0	2	38	5190	Full	37.57	37.72	40.08	41.12	-		23.01			
HE40	MCS0	2	46	5230	Full	37.71	37.76	41.58	40.96	-		23.01			
HE80	MCS0	2	42	5210	Full	76.49	76.80	81.41	81.92	-		23.01			
HE160	MCS0	2	50	5250	Full	155.17	155.69	164.78	165.22	-		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 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	36	5180	Full	15.42	15.78	18.61	24.00		0.90			Pass
HE20	MCS0	2	36	5180	26/0	8.50	11.35	13.17	24.00		0.90			Pass
HE20	MCS0	2	36	5180	52/37	11.10	14.57	16.18	24.00		0.90			Pass
HE20	MCS0	2	36	5180	106/53	14.57	15.72	18.19	24.00		0.90			Pass
HE20	MCS0	2	40	5200	Full	15.58	15.78	18.69	24.00		0.90			Pass
HE20	MCS0	2	40	5200	26/4	10.01	10.35	13.19	24.00		0.90			Pass
HE20	MCS0	2	40	5200	52/38	13.22	12.83	16.04	24.00		0.90			Pass
HE20	MCS0	2	44	5200	106/53	14.50	15.75	18.18	24.00		0.90		-	Pass
HE20	MCS0	2	48	5240	Full	15.58	15.65	18.63	24.00		0.90			Pass
HE20	MCS0	2	48	5240	26/8	10.70	9.56	13.18	24.00		0.90			Pass
HE20	MCS0	2	48	5240	52/40	12.91	12.72	15.83	24.00		0.90			Pass
HE20	MCS0	2	48	5240	106/54	14.79	15.51	18.18	24.00		0.90			Pass
HE40	MCS0	2	38	5190	Full	14.30	14.85	17.59	24.00		0.90			Pass
HE40	MCS0	2	46	5230	Full	15.07	15.44	18.27	24.00		0.90			Pass
HE80	MCS0	2	42	5210	Full	13.32	13.52	16.43	24.00		0.90			Pass
HE160	MCS0	2	50	5250	Full	9.62	10.66	13.18	24.00		0.90			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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	36	5180	Full	0.00	0.00			8.24	11.00		3.71			Pass
HE20	MCS0	2	36	5180	26/0	0.00	0.00			10.40	11.00		3.71			Pass
HE20	MCS0	2	36	5180	52/37	0.00	0.00			10.38	11.00		3.71			Pass
HE20	MCS0	2	36	5180	106/53	0.00	0.00			9.67	11.00		3.71			Pass
HE20	MCS0	2	40	5200	Full	0.00	0.00			8.81	11.00		3.71			Pass
HE20	MCS0	2	40	5200	26/4	0.00	0.00			10.14	11.00		3.71			Pass
HE20	MCS0	2	40	5200	52/38	0.00	0.00			10.38	11.00		3.71			Pass
HE20	MCS0	2	40	5200	106/53	0.00	0.00			10.09	11.00		3.71			Pass
HE20	MCS0	2	48	5240	Full	0.00	0.00	-		8.67	11.00		3.71		-	Pass
HE20	MCS0	2	48	5240	26/8	0.00	0.00			10.38	11.00		3.71			Pass
HE20	MCS0	2	48	5240	52/40	0.00	0.00			10.05	11.00		3.71			Pass
HE20	MCS0	2	48	5240	106/54	0.00	0.00			10.36	11.00		3.71			Pass
HE40	MCS0	2	38	5190	Full	0.00	0.00			4.73	11.00		3.71			Pass
HE40	MCS0	2	46	5230	Full	0.00	0.00			5.57	11.00		3.71			Pass
HE80	MCS0	2	42	5210	Full	0.00	0.00			1.41	11.00		3.71			Pass
HE160	MCS0	2	50	5250	Full	0.03	0.03			-3.90	11.00		3.71			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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	
HE20	MCS0	2	52	5260	Full	18.92	18.86	21.11	21.01	23.75		29.75		23.98		
HE20	MCS0	2	52	5260	26/0	19.29	18.98	21.01	20.78	23.78		29.78		23.98		
HE20	MCS0	2	52	5260	52/37	18.80	18.53	21.46	21.27	23.68		29.68		23.98		
HE20	MCS0	2	52	5260	106/53	18.45	18.42	21.14	21.57	23.65		29.65		23.98		
HE20	MCS0	2	60	5300	Full	18.96	18.88	20.96	21.29	23.76		29.76		23.98		
HE20	MCS0	2	60	5300	26/4	17.07	17.08	18.51	18.51	23.32		29.32		23.67		
HE20	MCS0	2	60	5300	52/38	17.11	17.13	19.06	18.99	23.33		29.33		23.79		
HE20	MCS0	2	60	5300	106/53	18.52	18.54	21.57	21.69	23.68		29.68		23.98		
HE20	MCS0	2	64	5320	Full	18.96	18.87	20.82	20.66	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	26/8	18.28	18.54	20.25	20.47	23.62		29.62		23.98		
HE20	MCS0	2	64	5320	52/40	18.28	18.38	20.86	20.59	23.62		29.62		23.98		
HE20	MCS0	2	64	5320	106/54	18.42	18.31	21.06	22.74	23.63		29.63		23.98		
HE40	MCS0	2	54	5270	Full	37.85	37.73	40.90	41.20	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.91	37.78	40.98	41.31	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	76.83	76.82	81.15	81.54	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 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	52	5260	Full	15.38	15.71	18.56	23.98		0.90		30	Pass
HE20	MCS0	2	52	5260	26/0	8.92	11.05	13.12	23.98		0.90		30	Pass
HE20	MCS0	2	52	5260	52/37	11.39	14.12	15.98	23.98		0.90		30	Pass
HE20	MCS0	2	52	5260	106/53	14.55	15.70	18.17	23.98		0.90		30	Pass
HE20	MCS0	2	60	5300	Full	15.36	15.96	18.68	23.98		0.90		30	Pass
HE20	MCS0	2	60	5300	26/4	10.23	10.13	13.19	23.67		0.90		30	Pass
HE20	MCS0	2	60	5300	52/38	12.15	13.11	15.67	23.79		0.90		30	Pass
HE20	MCS0	2	60	5300	106/53	14.35	15.88	18.19	23.98		0.90		30	Pass
HE20	MCS0	2	64	5320	Full	15.36	15.99	18.70	23.98		0.90		30	Pass
HE20	MCS0	2	64	5320	26/8	10.19	10.06	13.14	23.98		0.90		30	Pass
HE20	MCS0	2	64	5320	52/40	12.70	13.14	15.94	23.98		0.90		30	Pass
HE20	MCS0	2	64	5320	106/54	14.48	15.60	18.09	23.98		0.90		30	Pass
HE40	MCS0	2	54	5270	Full	15.13	15.90	18.54	23.98		0.90		30	Pass
HE40	MCS0	2	62	5310	Full	11.50	12.74	15.17	23.98		0.90		30	Pass
HE80	MCS0	2	58	5290	Full	11.80	12.45	15.15	23.98		0.90		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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	52	5260	Full	0.00	0.00			8.42	11.00		3.76			Pass
HE20	MCS0	2	52	5260	26/0	0.00	0.00			10.26	11.00		3.76			Pass
HE20	MCS0	2	52	5260	52/37	0.00	0.00			10.43	11.00		3.76			Pass
HE20	MCS0	2	52	5260	106/53	0.00	0.00			10.30	11.00		3.76			Pass
HE20	MCS0	2	60	5300	Full	0.00	0.00			8.43	11.00		3.76			Pass
HE20	MCS0	2	60	5300	26/4	0.00	0.00			10.20	11.00		3.76			Pass
HE20	MCS0	2	60	5300	52/38	0.00	0.00			10.10	11.00		3.76			Pass
HE20	MCS0	2	60	5300	106/53	0.00	0.00	-		10.20	11.00		3.76		-	Pass
HE20	MCS0	2	64	5320	Full	0.00	0.00			8.75	11.00		3.76			Pass
HE20	MCS0	2	64	5320	26/8	0.00	0.00			10.27	11.00		3.76			Pass
HE20	MCS0	2	64	5320	52/40	0.00	0.00			10.43	11.00		3.76			Pass
HE20	MCS0	2	64	5320	106/54	0.00	0.00			10.13	11.00		3.76			Pass
HE40	MCS0	2	54	5270	Full	0.00	0.00			5.78	11.00		3.76			Pass
HE40	MCS0	2	62	5310	Full	0.00	0.00			3.26	11.00		3.76			Pass
HE80	MCS0	2	58	5290	Full	0.00	0.00			1.32	11.00		3.76			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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9
HE20	MCS0	2	100	5500	Full	18.95	18.87	20.79	20.79	23.76		29.76		23.98		----	----
HE20	MCS0	2	100	5500	26/0	19.01	18.94	20.70	21.30	23.77		29.77		23.98		----	----
HE20	MCS0	2	100	5500	52/37	18.60	18.53	21.14	21.36	23.68		29.68		23.98		----	----
HE20	MCS0	2	100	5500	106/53	18.49	18.54	21.64	21.85	23.67		29.67		23.98		----	----
HE20	MCS0	2	116	5580	Full	18.93	18.86	21.06	20.98	23.76		29.76		23.98		----	----
HE20	MCS0	2	116	5580	26/4	17.19	17.13	18.51	18.64	23.34		29.34		23.67		----	----
HE20	MCS0	2	116	5580	52/38	17.31	17.15	19.55	18.93	23.34		29.34		23.77		----	----
HE20	MCS0	2	116	5580	106/53	18.47	18.63	21.58	21.76	23.67		29.67		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.87	18.83	20.85	21.21	23.75		29.75		23.98		----	----
HE20	MCS0	2	140	5700	26/8	18.73	18.48	20.54	20.53	23.67		29.67		23.98		----	----
HE20	MCS0	2	140	5700	52/40	18.59	18.21	21.20	20.46	23.60		29.60		23.98		----	----
HE20	MCS0	2	140	5700	106/54	18.49	18.32	21.63	20.66	23.63		29.63		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.89	37.73	41.23	41.09	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.90	37.78	40.85	40.83	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.83	37.72	40.98	41.25	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	76.93	76.95	81.47	81.28	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	76.90	76.89	81.79	81.76	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	155.59	155.95	164.54	164.74	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 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9	Ant 8	Ant 9
HE20	MCS0	2	144	5720	Full	14.49	14.41	15.50	15.32	22.59		28.59		22.85		2.565	4.28
HE20	MCS0	2	144	5720	26/8	13.75	13.37	14.42	14.10	22.26		28.26		22.49		4.455	4.485
HE20	MCS0	2	144	5720	52/40	13.75	13.50	14.90	14.32	22.30		28.30		22.56		4.48	4.465
HE20	MCS0	2	144	5720	106/54	13.80	13.56	15.28	14.42	22.32		28.32		22.59		4.51	4.51
HE40	MCS0	2	142	5710	Full	33.99	33.86	35.66	35.58	23.98		30.00		23.98		2.568	2.514
HE80	MCS0	2	138	5690	Full	73.69	73.39	75.90	75.83	23.98		30.00		23.98		1.272	2.52
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	100	5500	Full	15.43	15.90	18.68	23.98		2.10		30	Pass
HE20	MCS0	2	100	5500	26/0	10.47	9.86	13.19	23.98		2.10		30	Pass
HE20	MCS0	2	100	5500	52/37	12.50	13.00	15.77	23.98		2.10		30	Pass
HE20	MCS0	2	100	5500	106/53	14.75	15.52	18.16	23.98		2.10		30	Pass
HE20	MCS0	2	116	5580	Full	15.68	15.65	18.68	23.98		2.10		30	Pass
HE20	MCS0	2	116	5580	26/4	10.70	10.65	13.69	23.67		2.10		30	Pass
HE20	MCS0	2	116	5580	52/38	12.46	13.80	16.19	23.77		2.10		30	Pass
HE20	MCS0	2	116	5580	106/53	14.96	15.38	18.19	23.98		2.10		30	Pass
HE20	MCS0	2	140	5700	Full	14.96	15.36	18.17	23.98		2.10		30	Pass
HE20	MCS0	2	140	5700	26/8	9.12	10.20	12.70	23.98		2.10		30	Pass
HE20	MCS0	2	140	5700	52/40	12.00	14.08	16.17	23.98		2.10		30	Pass
HE20	MCS0	2	140	5700	106/54	14.26	15.35	17.85	23.98		2.10		30	Pass
HE40	MCS0	2	102	5510	Full	13.78	14.15	16.98	23.98		2.10		30	Pass
HE40	MCS0	2	110	5550	Full	15.40	15.80	18.61	23.98		2.10		30	Pass
HE40	MCS0	2	134	5670	Full	15.57	15.64	18.62	23.98		2.10		30	Pass
HE80	MCS0	2	106	5530	Full	13.50	13.74	16.63	23.98		2.10		30	Pass
HE80	MCS0	2	122	5610	Full	15.54	15.80	18.68	23.98		2.10		30	Pass
HE160	MCS0	2	114	5570	Full	12.17	12.21	15.20	23.98		2.10		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	144	5720	Full	15.77	15.58	18.69	22.85		2.10		30	Pass
HE20	MCS0	2	144	5720	26/8	9.14	10.97	13.16	22.49		2.10		30	Pass
HE20	MCS0	2	144	5720	52/40	12.35	13.82	16.16	22.56		2.10		30	Pass
HE20	MCS0	2	144	5720	106/54	14.88	15.46	18.19	22.59		2.10		30	Pass
HE40	MCS0	2	142	5710	Full	15.62	15.58	18.61	23.98		2.10		30	Pass
HE80	MCS0	2	138	5690	Full	15.39	15.89	18.66	23.98		2.10		30	Pass

TEST RESULTS DATA
Power Spectral Density

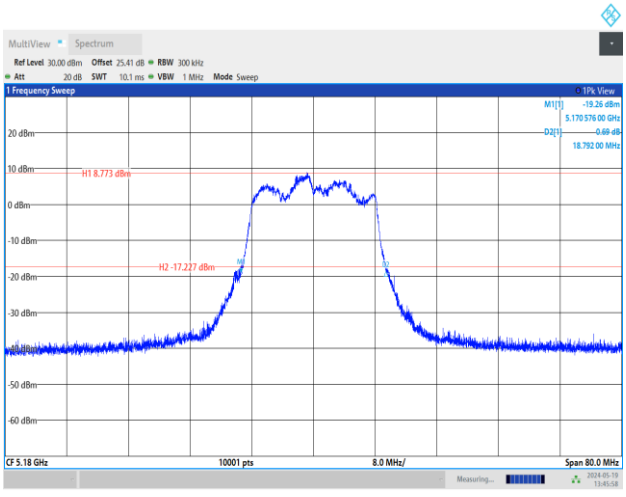
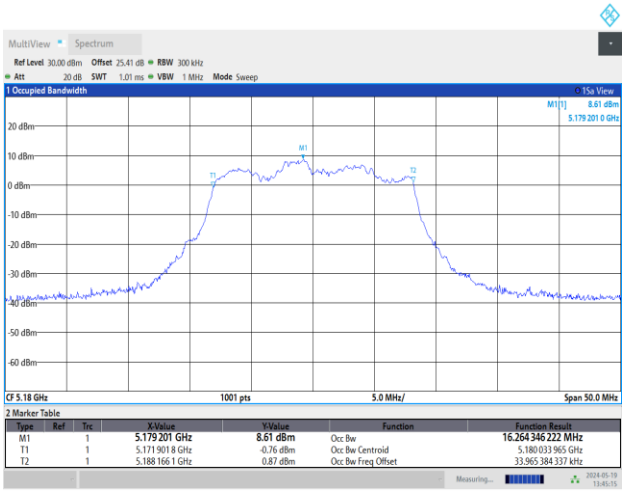
U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	100	5500	Full	0.00	0.00			8.70	11.00		4.62			Pass
HE20	MCS0	2	100	5500	26/0	0.00	0.00			10.18	11.00		4.62			Pass
HE20	MCS0	2	100	5500	52/37	0.00	0.00			10.27	11.00		4.62			Pass
HE20	MCS0	2	100	5500	106/53	0.00	0.00			10.15	11.00		4.62			Pass
HE20	MCS0	2	116	5580	Full	0.00	0.00			8.45	11.00		4.62			Pass
HE20	MCS0	2	116	5580	26/4	0.00	0.00			10.20	11.00		4.62			Pass
HE20	MCS0	2	116	5580	52/38	0.00	0.00			10.43	11.00		4.62			Pass
HE20	MCS0	2	116	5580	106/53	0.00	0.00			10.20	11.00		4.62			Pass
HE20	MCS0	2	140	5700	Full	0.00	0.00			7.38	11.00		4.62			Pass
HE20	MCS0	2	140	5700	26/8	0.00	0.00			9.46	11.00		4.62			Pass
HE20	MCS0	2	140	5700	52/40	0.00	0.00			10.43	11.00		4.62			Pass
HE20	MCS0	2	140	5700	106/54	0.00	0.00			8.96	11.00		4.62			Pass
HE40	MCS0	2	102	5510	Full	0.00	0.00			4.09	11.00		4.62			Pass
HE40	MCS0	2	110	5550	Full	0.00	0.00			6.11	11.00		4.62			Pass
HE40	MCS0	2	134	5670	Full	0.00	0.00			5.61	11.00		4.62			Pass
HE80	MCS0	2	106	5530	Full	0.00	0.00			1.84	11.00		4.62			Pass
HE80	MCS0	2	122	5610	Full	0.00	0.00			3.42	11.00		4.62			Pass
HE160	MCS0	2	114	5570	Full	0.03	0.03			-3.26	11.00		4.62			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 8	Ant 9	Ant 8	Ant 9	SUM	Ant 8	Ant 9	Ant 8	Ant 9		
HE20	MCS0	2	144	5720	Full	0.00	0.00			7.87	11.00		4.62			Pass
HE20	MCS0	2	144	5720	26/8	0.00	0.00			10.40	11.00		4.62			Pass
HE20	MCS0	2	144	5720	52/40	0.00	0.00			10.37	11.00		4.62			Pass
HE20	MCS0	2	144	5720	106/54	0.00	0.00			9.43	11.00		4.62			Pass
HE40	MCS0	2	142	5710	Full	0.00	0.00			5.45	11.00		4.62			Pass
HE80	MCS0	2	138	5690	Full	0.00	0.00			3.07	11.00		4.62			Pass

Test Result of 26dB & 99% Occupied Bandwidth

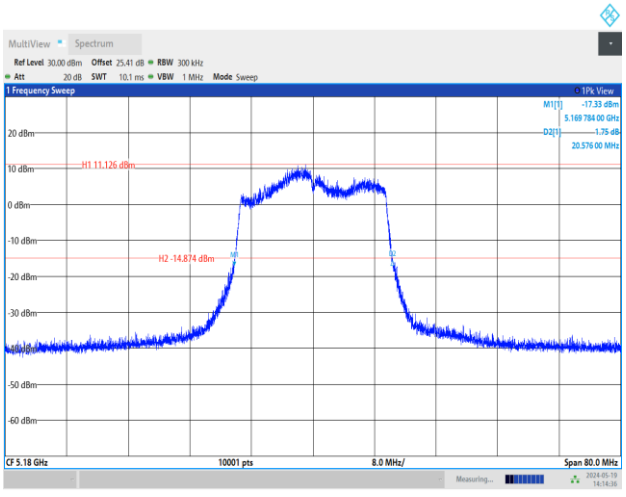
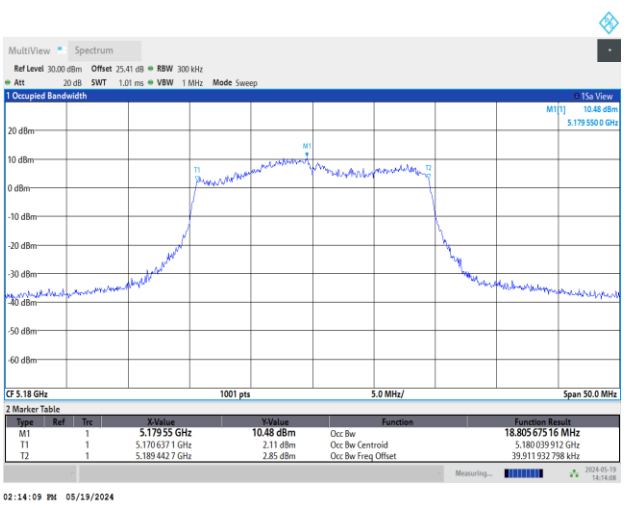
MIMO <Ant. 8+9>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

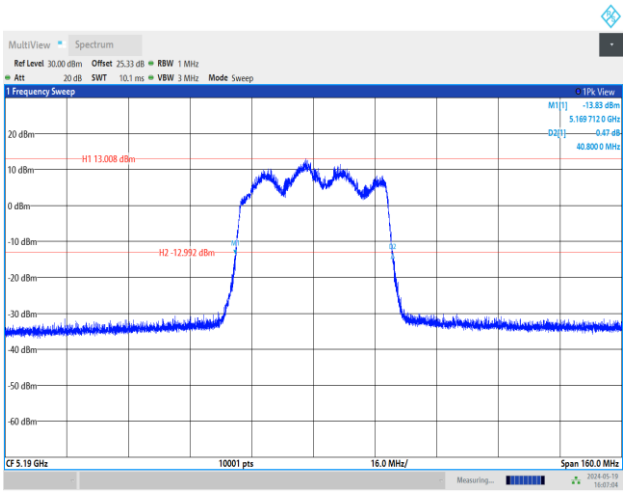
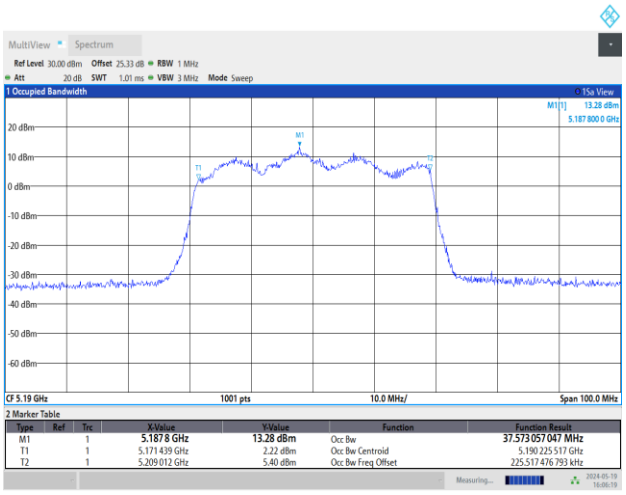
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

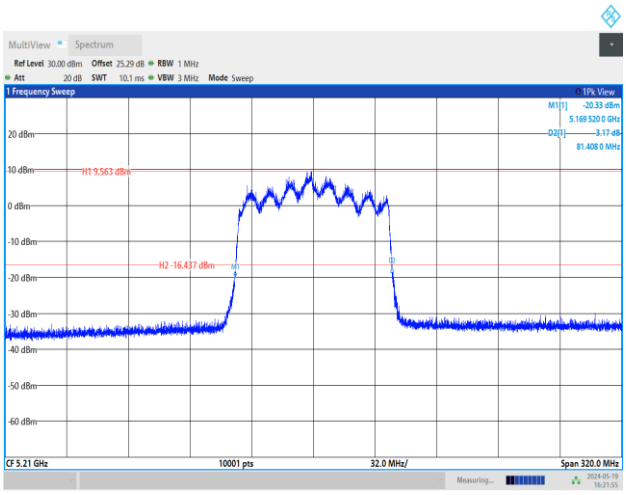
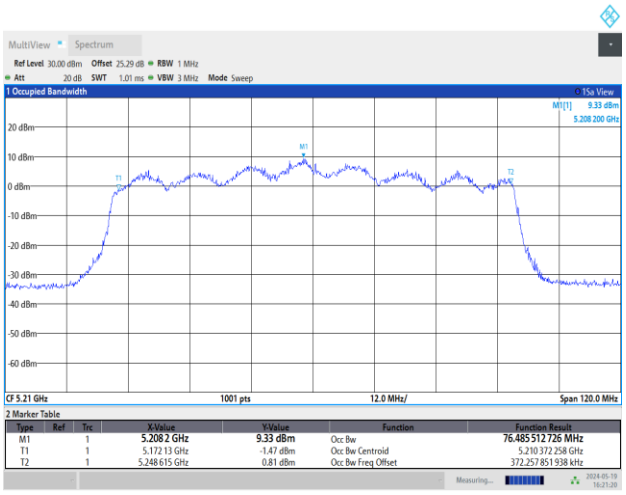
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

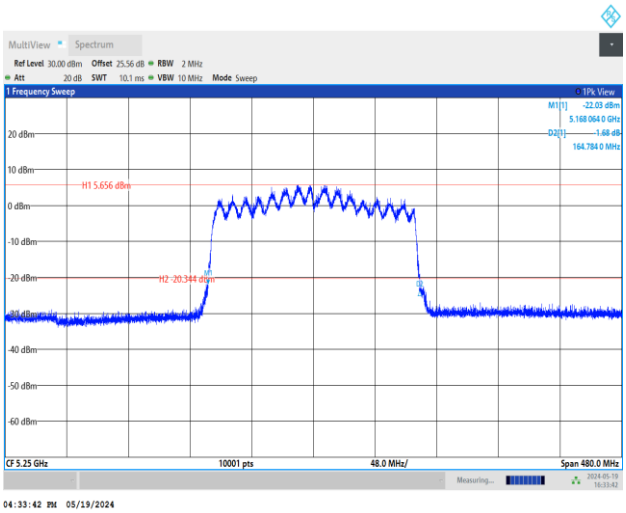
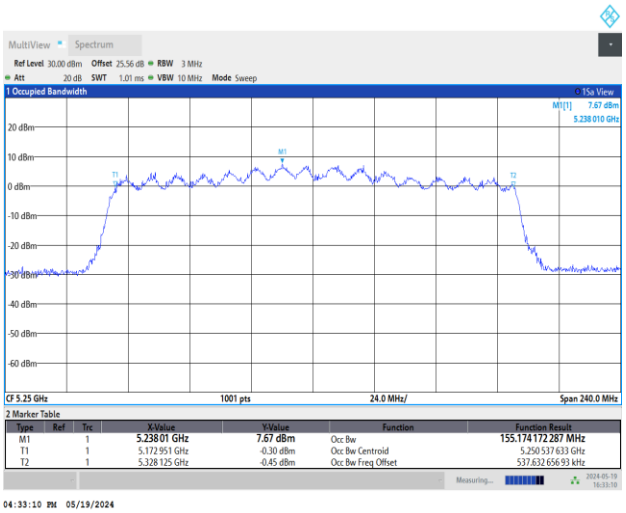
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

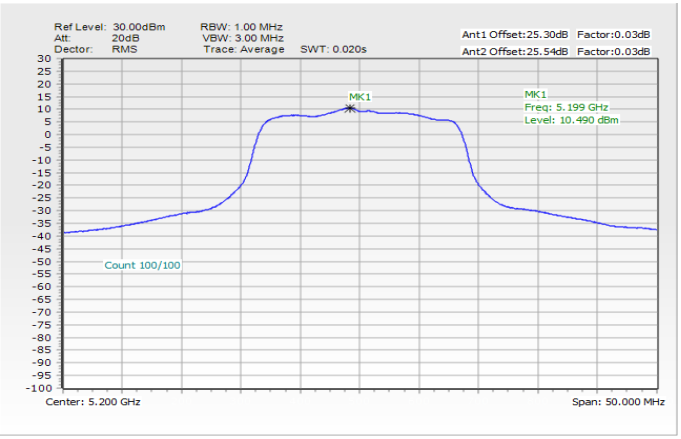
<802.11ax HE160>

26dB Bandwidth	99% Occupied Bandwidth
	

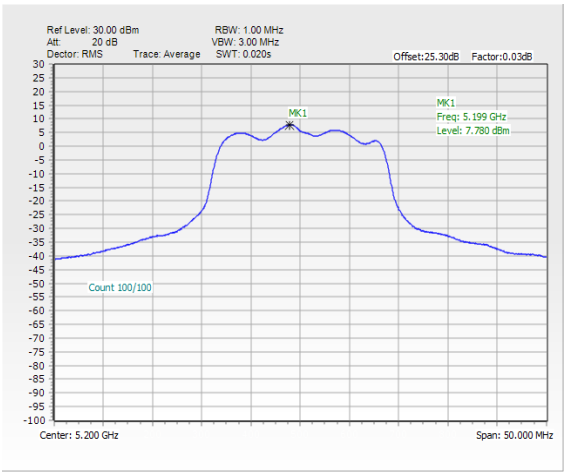
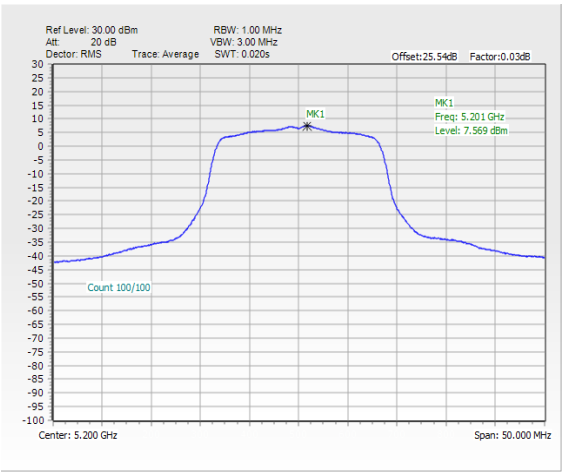
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

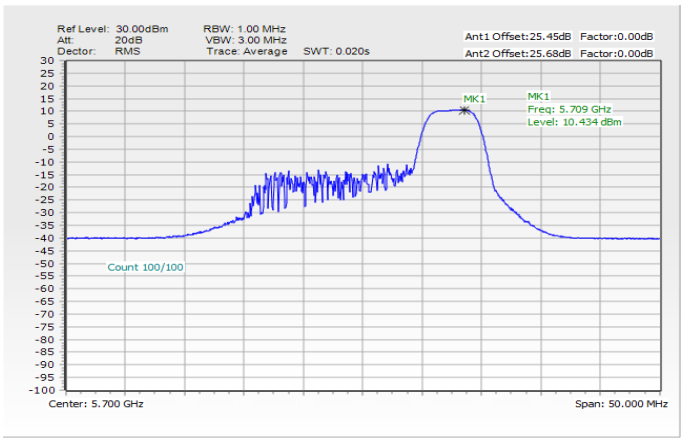
<802.11a>

Maximum Power Density Plot (dBm/MHz)


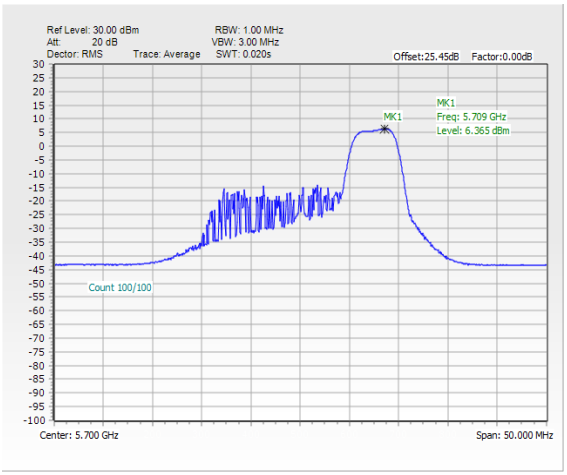
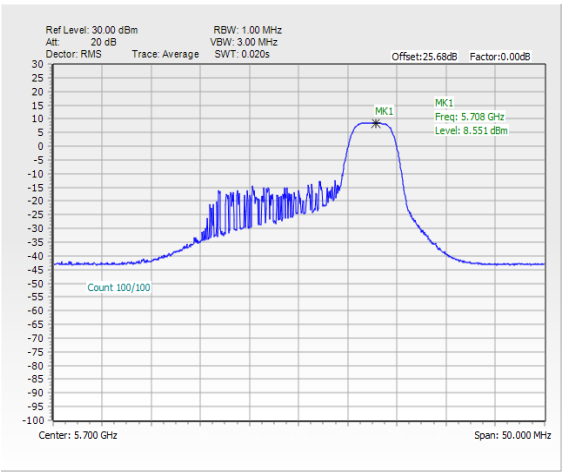
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 8)	Maximum Power Density Plot Trace 2 (Ant 9)
	

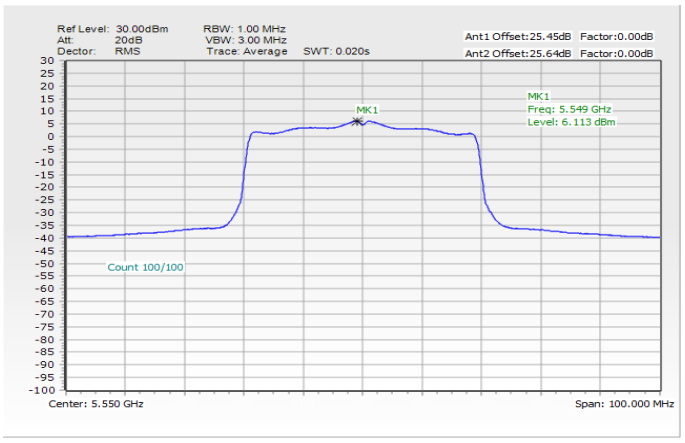
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


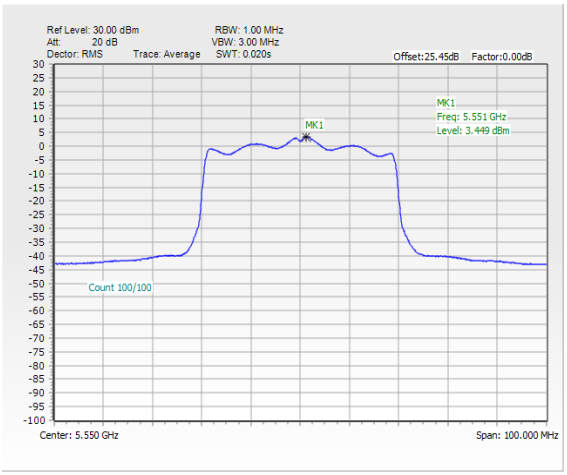
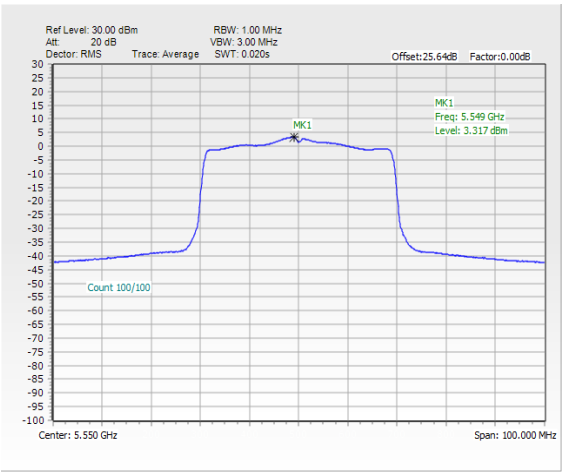
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 8)	Maximum Power Density Plot Trace 2 (Ant 9)
	

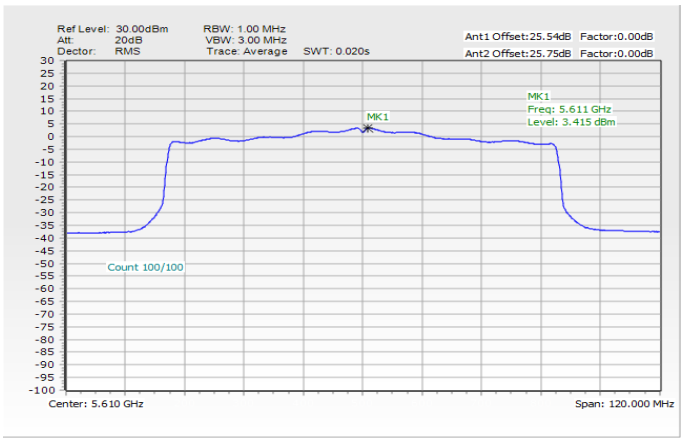
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)


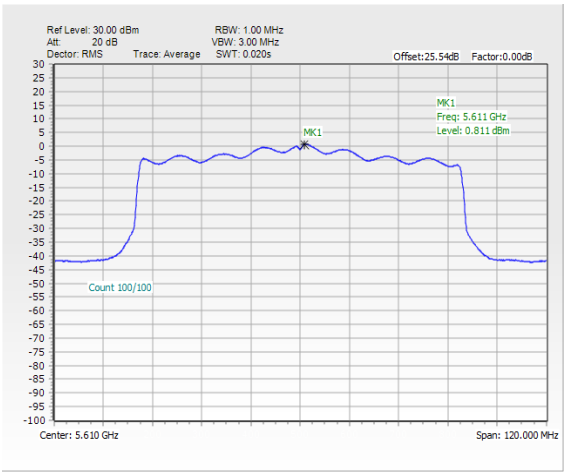
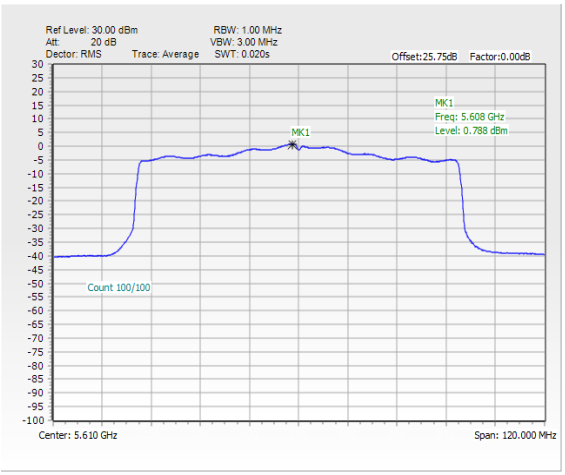
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 8)	Maximum Power Density Plot Trace 2 (Ant 9)
	

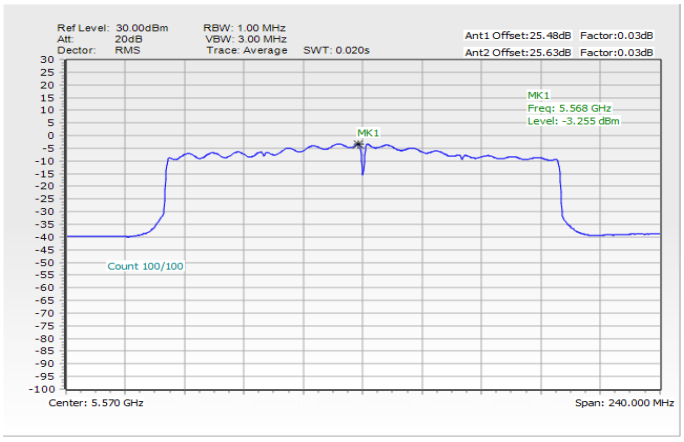
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)


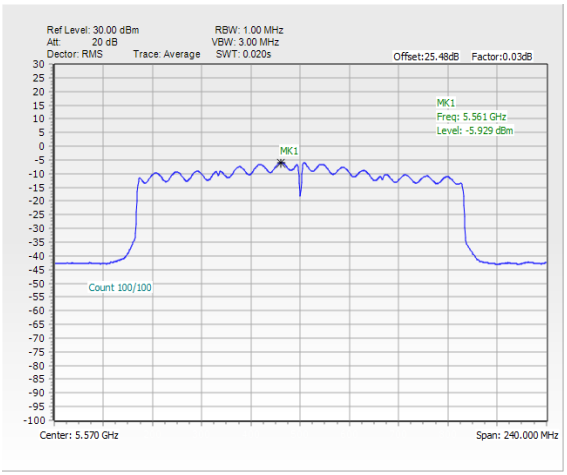
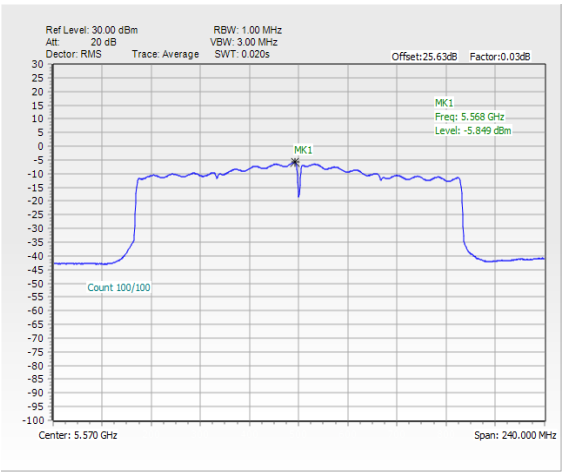
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 8)	Maximum Power Density Plot Trace 2 (Ant 9)
	

<802.11ax HE160>

Maximum Power Density Plot (dBm/MHz)


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

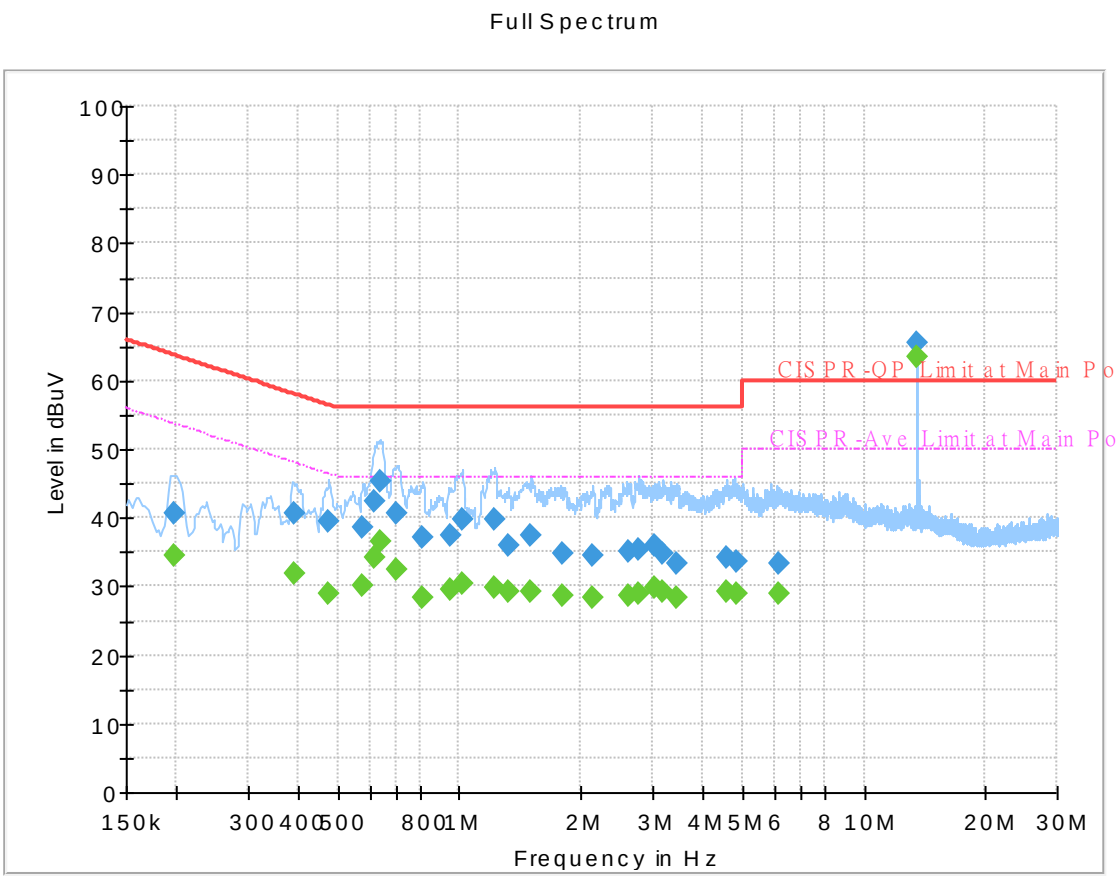
Maximum Power Density Plot Trace 1 (Ant 8)	Maximum Power Density Plot Trace 2 (Ant 9)
	

Appendix B. AC Conducted Emission Test Results

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

Oringinal

Report NO :	440146
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line



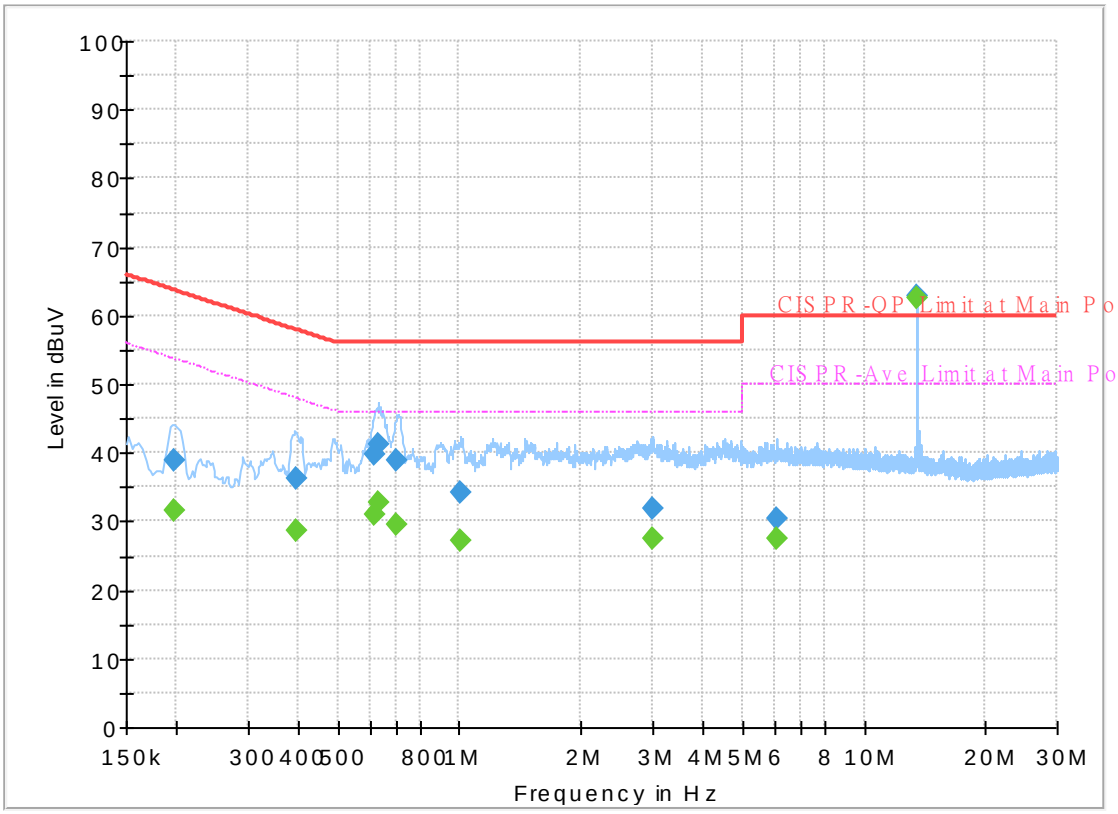
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.197250	---	34.62	53.73	19.11	L1	OFF	19.8
0.197250	40.76	---	63.73	22.97	L1	OFF	19.8
0.388500	---	31.77	48.10	16.33	L1	OFF	19.8
0.388500	40.61	---	58.10	17.49	L1	OFF	19.8
0.476250	---	28.85	46.40	17.55	L1	OFF	19.8
0.476250	39.61	---	56.40	16.79	L1	OFF	19.8
0.577500	---	30.02	46.00	15.98	L1	OFF	19.8
0.577500	38.61	---	56.00	17.39	L1	OFF	19.8
0.615750	---	34.13	46.00	11.87	L1	OFF	19.8
0.615750	42.25	---	56.00	13.75	L1	OFF	19.8
0.640500	---	36.49	46.00	9.51	L1	OFF	19.8
0.640500	45.32	---	56.00	10.68	L1	OFF	19.8
0.701250	---	32.34	46.00	13.66	L1	OFF	19.8
0.701250	40.67	---	56.00	15.33	L1	OFF	19.8
0.811500	---	28.26	46.00	17.74	L1	OFF	19.8
0.811500	37.17	---	56.00	18.83	L1	OFF	19.8
0.948750	---	29.58	46.00	16.42	L1	OFF	19.8
0.948750	37.46	---	56.00	18.54	L1	OFF	19.8
1.011750	---	30.38	46.00	15.62	L1	OFF	19.8
1.011750	39.76	---	56.00	16.24	L1	OFF	19.8
1.218750	---	29.87	46.00	16.13	L1	OFF	19.8

1.218750	39.87	---	56.00	16.13	L1	OFF	19.8
1.326750	---	29.27	46.00	16.73	L1	OFF	19.9
1.326750	35.87	---	56.00	20.13	L1	OFF	19.9
1.506750	---	29.10	46.00	16.90	L1	OFF	19.9
1.506750	37.31	---	56.00	18.69	L1	OFF	19.9
1.794750	---	28.52	46.00	17.48	L1	OFF	19.9
1.794750	34.73	---	56.00	21.27	L1	OFF	19.9
2.136750	---	28.23	46.00	17.77	L1	OFF	19.9
2.136750	34.61	---	56.00	21.39	L1	OFF	19.9
2.622750	---	28.75	46.00	17.25	L1	OFF	19.9
2.622750	35.21	---	56.00	20.79	L1	OFF	19.9
2.773500	---	28.83	46.00	17.17	L1	OFF	19.9
2.773500	35.46	---	56.00	20.54	L1	OFF	19.9
3.025500	---	29.80	46.00	16.20	L1	OFF	19.9
3.025500	35.89	---	56.00	20.11	L1	OFF	19.9
3.192000	---	29.17	46.00	16.83	L1	OFF	19.9
3.192000	34.91	---	56.00	21.09	L1	OFF	19.9
3.437250	---	28.32	46.00	17.68	L1	OFF	19.9
3.437250	33.36	---	56.00	22.64	L1	OFF	19.9
4.596000	---	29.36	46.00	16.64	L1	OFF	20.0
4.596000	34.29	---	56.00	21.71	L1	OFF	20.0
4.830000	---	29.06	46.00	16.94	L1	OFF	20.0
4.830000	33.53	---	56.00	22.47	L1	OFF	20.0
6.171000	---	28.95	50.00	21.05	L1	OFF	20.1
6.171000	33.23	---	60.00	26.77	L1	OFF	20.1
13.560000	---	63.59	50.00	-13.59	L1	OFF	20.5
13.560000	65.40	---	60.00	-5.40	L1	OFF	20.5

Report NO :	440146
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



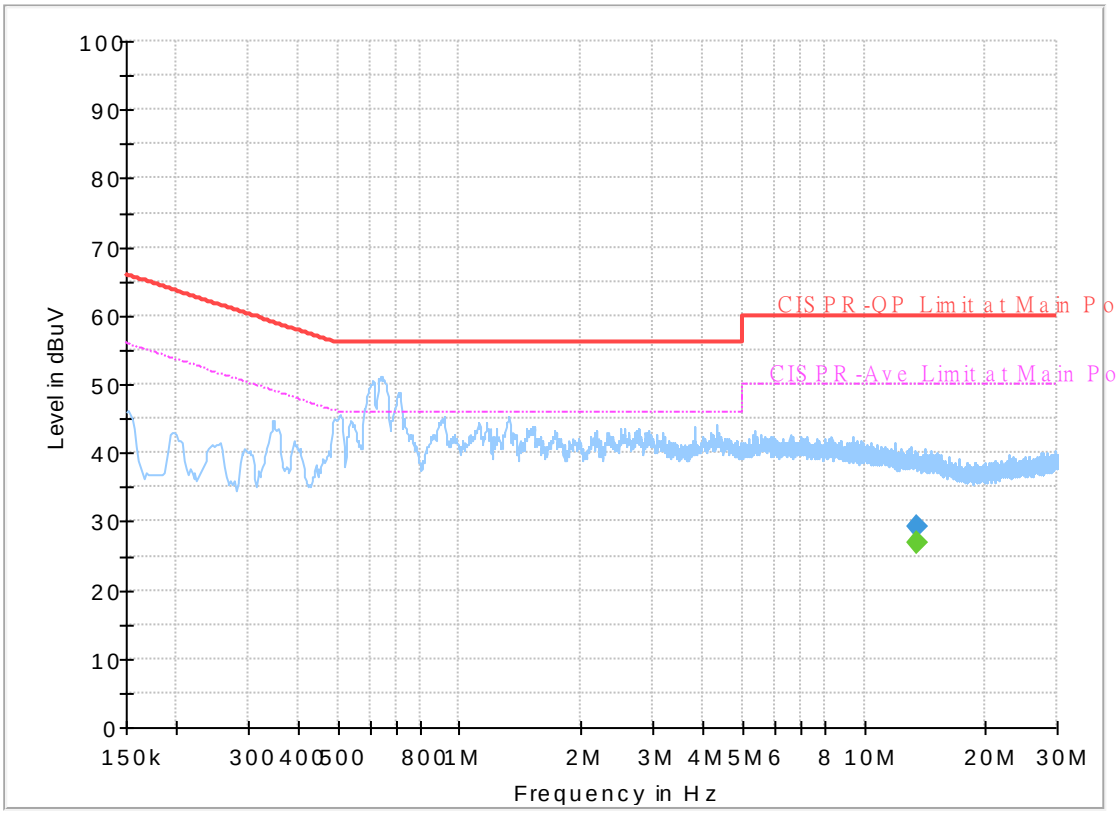
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.197250	---	31.67	53.73	22.06	N	OFF	19.8
0.197250	38.99	---	63.73	24.74	N	OFF	19.8
0.395250	---	28.73	47.95	19.22	N	OFF	19.8
0.395250	36.28	---	57.95	21.67	N	OFF	19.8
0.615750	---	30.98	46.00	15.02	N	OFF	19.8
0.615750	39.75	---	56.00	16.25	N	OFF	19.8
0.629250	---	32.61	46.00	13.39	N	OFF	19.8
0.629250	41.29	---	56.00	14.71	N	OFF	19.8
0.699000	---	29.53	46.00	16.47	N	OFF	19.8
0.699000	38.95	---	56.00	17.05	N	OFF	19.8
1.005000	---	27.28	46.00	18.72	N	OFF	19.8
1.005000	34.35	---	56.00	21.65	N	OFF	19.8
2.998500	---	27.38	46.00	18.62	N	OFF	19.9
2.998500	31.89	---	56.00	24.11	N	OFF	19.9
6.114750	---	27.45	50.00	22.55	N	OFF	20.1
6.114750	30.41	---	60.00	29.59	N	OFF	20.1
13.560000	---	62.46	50.00	-12.46	N	OFF	20.5
13.560000	62.86	---	60.00	-2.86	N	OFF	20.5

Terminal

Report NO :	440146
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum

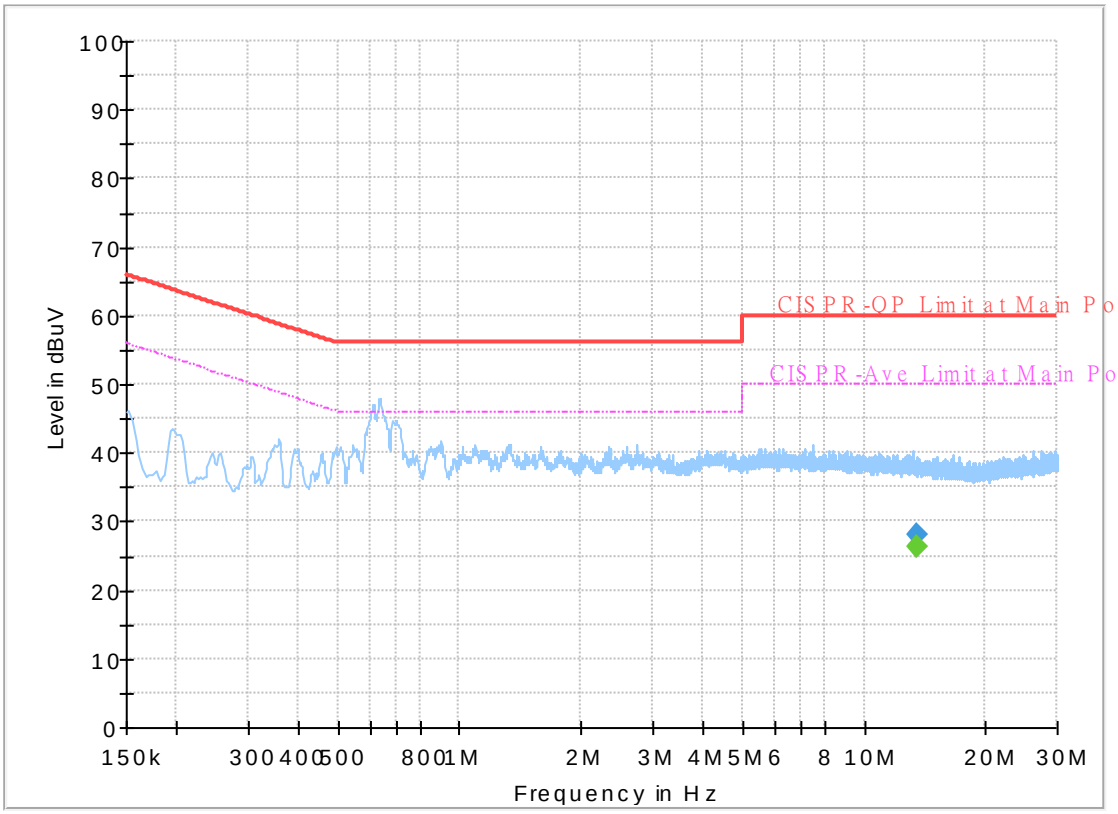


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	26.82	50.00	23.18	L1	OFF	20.5
13.560000	29.13	---	60.00	30.87	L1	OFF	20.5

Report NO :	440146
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)
13.560000	---	26.26	50.00	23.74	N	OFF	20.5
13.560000	28.14	---	60.00	31.86	N	OFF	20.5

Appendix C. Radiated Spurious Emission

Test Engineer :	Bill Chang, Gary Guo, and Steven Wu	Temperature :	20.1~20.8°C
		Relative Humidity :	50.1~67.6%

<Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
8+9		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.76	56.88	-17.12	74	41.92	33	11.35	29.39	204	339	P	H
		5150	46.12	-7.88	54	31.16	33	11.35	29.39	204	339	A	H
	*	5180	108.4	-	-	93.41	33	11.38	29.39	204	339	P	H
	*	5180	101.51	-	-	86.52	33	11.38	29.39	204	339	A	H
													H
		5146.64	57.39	-16.61	74	42.45	32.99	11.34	29.39	237	333	P	V
		5150	48.25	-5.75	54	33.29	33	11.35	29.39	237	333	A	V
	*	5180	114.58	-	-	99.59	33	11.38	29.39	237	333	P	V
		5758	61.57	-6.63	68.2	45.44	33.55	11.98	29.4	206	327	P	V
	*	5180	107.46	-	-	92.47	33	11.38	29.39	237	333	A	V
													V
802.11a CH 44 5220MHz		5056.94	55.68	-18.32	74	40.93	32.9	11.25	29.4	182	339	P	H
		5149.24	45.59	-8.41	54	30.63	33	11.35	29.39	182	339	A	H
	*	5200	108.35	-	-	93.34	33	11.4	29.39	182	339	P	H
	*	5200	102.4	-	-	87.39	33	11.4	29.39	182	339	A	H
		5367.6	54.34	-19.66	74	39.39	32.8	11.52	29.37	182	339	P	H
		5457.2	44.56	-9.44	54	29.49	32.8	11.63	29.36	182	339	A	H
		5143	55.77	-18.23	74	40.83	32.99	11.34	29.39	250	328	P	V
		5148.72	46.71	-7.29	54	31.75	33	11.35	29.39	250	328	A	V
	*	5200	115.38	-	-	100.37	33	11.4	29.39	250	328	P	V
	*	5200	109.06	-	-	94.05	33	11.4	29.39	250	328	A	V
		5453.28	54.65	-19.35	74	39.59	32.8	11.62	29.36	250	328	P	V
		5460	44.6	-9.4	54	29.52	32.8	11.63	29.35	250	328	A	V

802.11a CH 48 5240MHz		5111.8	55.79	-18.21	74	40.96	32.92	11.31	29.4	220	348	P	H
		5141.7	45.34	-8.66	54	30.41	32.98	11.34	29.39	220	348	A	H
	*	5240	108.64	-	-	93.67	32.92	11.43	29.38	220	348	P	H
	*	5240	100.77	-	-	85.8	32.92	11.43	29.38	220	348	A	H
		5455.8	54.51	-19.49	74	39.44	32.8	11.63	29.36	220	348	P	H
		5458.88	44.54	-9.46	54	29.46	32.8	11.63	29.35	220	348	A	H
		5015.86	56.5	-17.5	74	41.66	33.04	11.21	29.41	254	316	P	V
		5148.72	45.65	-8.35	54	30.69	33	11.35	29.39	254	316	A	V
	*	5240	114.73	-	-	99.76	32.92	11.43	29.38	254	316	P	V
	*	5240	107.64	-	-	92.67	32.92	11.43	29.38	254	316	A	V
		5446	54.81	-19.19	74	39.76	32.8	11.61	29.36	254	316	P	V
		5454.68	44.61	-9.39	54	29.55	32.8	11.62	29.36	254	316	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. 8+9	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	47.67	-20.53	68.2	59.04	38.6	16.56	66.53	-	-	P	H
		15540	47.02	-26.98	74	55.2	37.8	20.36	66.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	45.99	-22.21	68.2	57.36	38.6	16.56	66.53	-	-	P	V
		15540	47.22	-26.78	74	55.4	37.8	20.36	66.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		10400	51.36	-16.84	68.2	62.67	38.6	16.59	66.5	101	25	P	H
		15600	47.92	-26.08	74	55.99	37.9	20.4	66.37	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10400	47.62	-20.58	68.2	58.93	38.6	16.59	66.5	-	-	P	V
		15600	47.91	-26.09	74	55.98	37.9	20.4	66.37	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	46.76	-21.44	68.2	58.1	38.44	16.66	66.44	-	-	P	H
		15720	48.82	-25.18	74	57.02	37.76	20.46	66.42	100	340	P	H
		15720	39.37	-14.63	54	47.57	37.76	20.46	66.42	100	340	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	47.21	-20.99	68.2	58.55	38.44	16.66	66.44	-	-	P	V
		15720	47.29	-26.71	74	55.49	37.76	20.46	66.42	-	-	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. 8+9	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)
		5046.28	55.95	-18.05	74	41.2	32.91	11.24	29.4	204	349	P	V
		5150	46.83	-7.17	54	31.87	33	11.35	29.39	204	349	A	V
	*	5180	109.15	-	-	94.16	33	11.38	29.39	204	349	P	V
	*	5180	100.46	-	-	85.47	33	11.38	29.39	204	349	A	V
802.11ax													H
HE20 Full													H
CH 36		5147.16	58.8	-15.2	74	43.86	32.99	11.34	29.39	235	290	P	H
5180MHz		5149.76	49.76	-4.24	54	34.8	33	11.35	29.39	235	290	A	H
	*	5180	111.23	-	-	96.24	33	11.38	29.39	235	290	P	H
	*	5180	103.62	-	-	88.63	33	11.38	29.39	235	290	A	H
													V
													V
		5064.74	55.82	-18.18	74	41.06	32.9	11.26	29.4	180	336	P	H
		5149.76	45.62	-8.38	54	30.66	33	11.35	29.39	180	336	A	H
	*	5200	108.34	-	-	93.33	33	11.4	29.39	180	336	P	H
	*	5200	100.76	-	-	85.75	33	11.4	29.39	180	336	A	H
802.11ax		5439.56	54.63	-19.37	74	39.59	32.8	11.6	29.36	180	336	P	H
HE20 Full		5459.44	44.55	-9.45	54	29.47	32.8	11.63	29.35	180	336	A	H
CH 44		5021.58	56.58	-17.42	74	41.77	33.01	11.21	29.41	185	341	P	V
5220MHz		5149.76	46.21	-7.79	54	31.25	33	11.35	29.39	185	341	A	V
	*	5200	114.8	-	-	99.79	33	11.4	29.39	185	341	P	V
	*	5200	106.53	-	-	91.52	33	11.4	29.39	185	341	A	V
		5422.76	55.91	-18.09	74	40.89	32.8	11.58	29.36	185	341	P	V
		5440.68	44.84	-9.16	54	29.8	32.8	11.6	29.36	185	341	A	V

		5025.48	55.28	-18.72	74	40.47	33	11.22	29.41	108	337	P	H
		5120.9	44.98	-9.02	54	30.12	32.94	11.32	29.4	108	337	A	H
	*	5240	107.58	-	-	92.61	32.92	11.43	29.38	108	337	P	H
	*	5240	99.23	-	-	84.26	32.92	11.43	29.38	108	337	A	H
802.11ax		5368.16	54.2	-19.8	74	39.25	32.8	11.52	29.37	108	337	P	H
HE20 Full		5459.44	44.22	-9.78	54	29.14	32.8	11.63	29.35	108	337	A	H
CH 48		5041.6	55.59	-18.41	74	40.84	32.93	11.23	29.41	123	345	P	V
5240MHz		5141.96	45.23	-8.77	54	30.3	32.98	11.34	29.39	123	345	A	V
	*	5240	112.64	-	-	97.67	32.92	11.43	29.38	123	345	P	V
	*	5240	105.58	-	-	90.61	32.92	11.43	29.38	123	345	A	V
		5382.72	54.69	-19.31	74	39.72	32.8	11.53	29.36	123	345	P	V
		5458.04	44.28	-9.72	54	29.21	32.8	11.63	29.36	123	345	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. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	47.25	-20.95	68.2	58.62	38.6	16.56	66.53	-	-	P	H
		15540	46.23	-27.77	74	54.41	37.8	20.36	66.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	47.66	-20.54	68.2	59.03	38.6	16.56	66.53	-	-	P	V
5180MHz		15540	46.71	-27.29	74	54.89	37.8	20.36	66.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		10400	47.24	-20.96	68.2	58.55	38.6	16.59	66.5	-	-	P	H
		15600	51.46	-22.54	74	59.53	37.9	20.4	66.37	207	360	P	H
		15600	39.99	-14.01	54	48.06	37.9	20.4	66.37	207	360	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10400	47.32	-20.88	68.2	58.63	38.6	16.59	66.5	-	-	P	V
5220MHz		15600	49.3	-24.7	74	57.37	37.9	20.4	66.37	400	314	P	V
		15600	39.78	-14.22	54	47.85	37.9	20.4	66.37	400	314	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	47.08	-21.12	68.2	58.42	38.44	16.66	66.44	-	-	P	H
		15720	48.63	-25.37	74	56.83	37.76	20.46	66.42	100	340	P	H
		15720	38.82	-15.18	54	47.02	37.76	20.46	66.42	100	340	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	46.68	-21.52	68.2	58.02	38.44	16.66	66.44	-	-	P	V
5240MHz		15720	47.48	-26.52	74	55.68	37.76	20.46	66.42	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5148.2	63.93	-10.07	74	48.97	33	11.35	29.39	249	342	P	H
		5138.32	45.32	-8.68	54	30.39	32.98	11.34	29.39	249	342	A	H
	*	5180	109.58	-	-	94.59	33	11.38	29.39	249	342	P	H
	*	5180	102.71	-	-	87.72	33	11.38	29.39	249	342	A	H
													H
													H
		5149.5	69.19	-4.81	74	54.23	33	11.35	29.39	255	321	P	V
		5136.24	46.44	-7.56	54	31.53	32.97	11.33	29.39	255	321	A	V
	*	5180	117.9	-	-	102.91	33	11.38	29.39	255	321	P	V
	*	5180	109.31	-	-	94.32	33	11.38	29.39	255	321	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 8+9	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)
		5102.44	55.67	-18.33	74	40.87	32.9	11.3	29.4	366	346	P	H
		5099.32	45	-9	54	30.21	32.9	11.29	29.4	366	346	A	H
	*	5180	101.76	-	-	86.77	33	11.38	29.39	366	346	P	H
802.11ax	*	5180	94.66	-	-	79.67	33	11.38	29.39	366	346	A	H
HE20													H
Partial													H
52/37		5016.12	56.21	-17.79	74	41.37	33.04	11.21	29.41	221	326	P	V
CH 36		5149.76	45.86	-8.14	54	30.9	33	11.35	29.39	221	326	A	V
5180MHz	*	5180	116.12	-	-	101.13	33	11.38	29.39	221	326	P	V
		5758	60.38	-7.82	68.2	44.25	33.55	11.98	29.4	206	320	P	V
	*	5180	108.14	-	-	93.15	33	11.38	29.39	221	326	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 8+9	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)
		5128.44	55.7	-18.3	74	40.81	32.96	11.32	29.39	100	316	P	H
		5095.94	44.94	-9.06	54	30.15	32.9	11.29	29.4	100	316	A	H
	*	5180	97.34	-	-	82.35	33	11.38	29.39	100	316	P	H
802.11ax	*	5180	90.42	-	-	75.43	33	11.38	29.39	100	316	A	H
HE20													H
Partial													H
106/53		5037.96	55.57	-18.43	74	40.8	32.95	11.23	29.41	211	44	P	V
CH 36		5118.04	45.2	-8.8	54	30.35	32.94	11.31	29.4	211	44	A	V
5180MHz	*	5180	106.57	-	-	91.59	33	11.37	29.39	211	44	P	V
		5758	60.02	-8.18	68.2	43.89	33.55	11.98	29.4	214	328	P	V
	*	5180	99.09	-	-	84.11	33	11.37	29.39	211	44	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 8+9	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)
		5053.56	56.14	-17.86	74	41.39	32.9	11.25	29.4	174	342	P	H
		5145.08	46.22	-7.78	54	31.28	32.99	11.34	29.39	174	342	A	H
	*	5190	103	-	-	88	33	11.39	29.39	174	342	P	H
	*	5190	95.38	-	-	80.38	33	11.39	29.39	174	342	A	H
802.11ax		5453.56	55.22	-18.78	74	40.16	32.8	11.62	29.36	174	342	P	H
HE40 Full		5454.68	44.66	-9.34	54	29.6	32.8	11.62	29.36	174	342	A	H
CH 38		5149.76	57.74	-16.26	74	42.78	33	11.35	29.39	263	325	P	V
5190MHz		5145.86	48.72	-5.28	54	33.78	32.99	11.34	29.39	263	325	A	V
	*	5190	112.34	-	-	97.34	33	11.39	29.39	263	325	P	V
	*	5190	103.44	-	-	88.44	33	11.39	29.39	263	325	A	V
		5459.16	55.07	-18.93	74	39.99	32.8	11.63	29.35	263	325	P	V
		5460	44.68	-9.32	54	29.6	32.8	11.63	29.35	263	325	A	V
		5066.3	56.41	-17.59	74	41.65	32.9	11.26	29.4	252	237	P	H
		5141.1	45.5	-8.5	54	30.57	32.98	11.34	29.39	252	237	A	H
	*	5230	102.23	-	-	87.25	32.94	11.42	29.38	252	237	P	H
	*	5230	94.19	-	-	79.21	32.94	11.42	29.38	252	237	A	H
802.11ax		5404.32	55.27	-18.73	74	40.28	32.8	11.55	29.36	252	237	P	H
HE40 Full		5459.04	44.63	-9.37	54	29.55	32.8	11.63	29.35	252	237	A	H
CH 46		5146.88	55.64	-18.36	74	40.7	32.99	11.34	29.39	234	327	P	V
5230MHz		5144.84	46.33	-7.67	54	31.39	32.99	11.34	29.39	234	327	A	V
	*	5230	111.66	-	-	96.68	32.94	11.42	29.38	234	327	P	V
	*	5230	103.28	-	-	88.3	32.94	11.42	29.38	234	327	A	V
		5413.44	55.01	-18.99	74	40.01	32.8	11.56	29.36	234	327	P	V
		5350.08	44.97	-9.03	54	30.03	32.8	11.51	29.37	234	327	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. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	45.93	-22.27	68.2	57.27	38.6	16.58	66.52	-	-	P	H
		15570	47.18	-26.82	74	55.32	37.84	20.37	66.35	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	46.48	-21.72	68.2	57.82	38.6	16.58	66.52	-	-	P	V
5190MHz		15570	47.6	-26.4	74	55.74	37.84	20.37	66.35	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	46.32	-21.88	68.2	57.64	38.48	16.65	66.45	-	-	P	H
		15690	49.06	-24.94	74	57.25	37.78	20.44	66.41	202	360	P	H
		15690	39.18	-14.82	54	47.37	37.78	20.44	66.41	202	360	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	46.77	-21.43	68.2	58.09	38.48	16.65	66.45	-	-	P	V
5230MHz		15690	48.35	-25.65	74	56.54	37.78	20.44	66.41	100	355	P	V
		15690	38.84	-15.16	54	47.03	37.78	20.44	66.41	100	355	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 8+9	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		5087.1	55.76	-18.24	74	40.98	32.9	11.28	29.4	306	330	P	H
		5146.9	45.79	-8.21	54	30.85	32.99	11.34	29.39	306	330	A	H
	*	5210	101.41	-	-	86.4	32.98	11.41	29.38	306	330	P	H
	*	5210	92.46	-	-	77.45	32.98	11.41	29.38	306	330	A	H
		5431.16	55.36	-18.64	74	40.33	32.8	11.59	29.36	306	330	P	H
		5457.76	44.59	-9.41	54	29.52	32.8	11.63	29.36	306	330	A	H
		5068.9	57.31	-16.69	74	42.55	32.9	11.26	29.4	306	326	P	V
		5146.64	47.64	-6.36	54	32.7	32.99	11.34	29.39	306	326	A	V
	*	5210	106.74	-	-	91.74	32.99	11.4	29.39	306	326	P	V
	*	5210	99.49	-	-	84.48	32.98	11.41	29.38	306	326	A	V
		5350.24	55.92	-18.08	74	40.98	32.8	11.51	29.37	306	326	P	V
		5357.52	44.88	-9.12	54	29.94	32.8	11.51	29.37	306	326	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. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	46.17	-22.03	68.2	57.48	38.56	16.61	66.48	-	-	P	H
		15630	47.89	-26.11	74	56.08	37.78	20.41	66.38	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	47.06	-21.14	68.2	58.37	38.56	16.61	66.48	-	-	P	V
5210MHz		15630	47.99	-26.01	74	56.18	37.78	20.41	66.38	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 8+9	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		5019.04	56.31	-17.69	74	41.49	33.02	11.21	29.41	125	347	P	H
		5098.94	45.72	-8.28	54	30.93	32.9	11.29	29.4	125	347	A	H
	*	5250	94.65	-	-	79.7	32.9	11.43	29.38	125	347	P	H
	*	5250	86.15	-	-	71.2	32.9	11.43	29.38	125	347	A	H
		5394.48	57.03	-16.97	74	42.05	32.8	11.54	29.36	125	347	P	H
		5389.72	46.51	-7.49	54	31.54	32.8	11.53	29.36	125	347	A	H
		5140.76	57.14	-16.86	74	42.21	32.98	11.34	29.39	156	338	P	V
		5119.68	46.94	-7.06	54	32.08	32.94	11.32	29.4	156	338	A	V
	*	5250	100.19	-	-	85.24	32.9	11.43	29.38	156	338	P	V
	*	5250	92.67	-	-	77.72	32.9	11.43	29.38	156	338	A	V
		5399.52	62.89	-11.11	74	47.91	32.8	11.54	29.36	156	338	P	V
		5388.88	50.94	-3.06	54	35.97	32.8	11.53	29.36	156	338	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7000	53.53	-14.67	68.2	68.81	35.8	14.35	65.43	302	272	P	H
		10500	46.96	-21.24	68.2	58.3	38.4	16.68	66.42	-	-	P	H
		15750	47.02	-26.98	74	55.28	37.7	20.47	66.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		7000	55.69	-12.51	68.2	70.97	35.8	14.35	65.43	101	36	P	V
5250MHz		10500	46.24	-21.96	68.2	57.58	38.4	16.68	66.42	-	-	P	V
		15750	45.99	-28.01	74	54.25	37.7	20.47	66.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 8+9	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		5055.42	56.45	-17.55	74	41.7	32.9	11.25	29.4	117	336	P	H
		5112.88	45.47	-8.53	54	30.63	32.93	11.31	29.4	117	336	A	H
	*	5260	109.96	-	-	95.02	32.88	11.44	29.38	117	336	P	H
	*	5260	103.61	-	-	88.67	32.88	11.44	29.38	117	336	A	H
		5443.68	55.77	-18.23	74	40.72	32.8	11.61	29.36	117	336	P	H
		5458.32	44.79	-9.21	54	29.72	32.8	11.63	29.36	117	336	A	H
		5126.82	56.24	-17.76	74	41.36	32.95	11.32	29.39	174	343	P	V
		5106.08	45.72	-8.28	54	30.91	32.91	11.3	29.4	174	343	A	V
	*	5260	114.71	-	-	99.77	32.88	11.44	29.38	174	343	P	V
	*	5260	108.8	-	-	93.86	32.88	11.44	29.38	174	343	A	V
		5360.16	55.63	-18.37	74	40.69	32.8	11.51	29.37	174	343	P	V
		5350.08	45.05	-8.95	54	30.11	32.8	11.51	29.37	174	343	A	V
802.11a CH 60 5300MHz		5036.72	55.65	-18.35	74	40.88	32.95	11.23	29.41	147	337	P	H
		5126.82	45.46	-8.54	54	30.58	32.95	11.32	29.39	147	337	A	H
	*	5300	109.13	-	-	94.23	32.8	11.47	29.37	147	337	P	H
	*	5300	103.49	-	-	88.59	32.8	11.47	29.37	147	337	A	H
		5396.64	55.06	-18.94	74	40.08	32.8	11.54	29.36	147	337	P	H
		5350.32	44.99	-9.01	54	30.05	32.8	11.51	29.37	147	337	A	H
		5062.22	55.75	-18.25	74	40.99	32.9	11.26	29.4	205	339	P	V
		5145.52	45.57	-8.43	54	30.63	32.99	11.34	29.39	205	339	A	V
	*	5300	114.91	-	-	100.01	32.8	11.47	29.37	205	339	P	V
	*	5300	108.97	-	-	94.07	32.8	11.47	29.37	205	339	A	V
		5354.4	56.38	-17.62	74	41.44	32.8	11.51	29.37	205	339	P	V
		5350.08	46.18	-7.82	54	31.24	32.8	11.51	29.37	205	339	A	V

802.11a CH 64 5320MHz	*	5320	107.85	-	-	92.94	32.8	11.48	29.37	122	343	P	H
	*	5320	101.09	-	-	86.18	32.8	11.48	29.37	122	343	A	H
		5350.56	54.99	-19.01	74	40.05	32.8	11.51	29.37	122	343	P	H
		5350.08	46.33	-7.67	54	31.39	32.8	11.51	29.37	122	343	A	H
													H
													H
	*	5320	114.29	-	-	99.38	32.8	11.48	29.37	155	337	P	V
	*	5320	108.46	-	-	93.55	32.8	11.48	29.37	155	337	A	V
		5363.2	57.87	-16.13	74	42.93	32.8	11.51	29.37	155	337	P	V
		5350.08	50.7	-3.3	54	35.76	32.8	11.51	29.37	155	337	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 8+9	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	52.85	-15.35	68.2	68.1	35.84	14.34	65.43	300	272	P	H
		10520	47.14	-21.06	68.2	58.39	38.44	16.7	66.39	-	-	P	H
		15780	53.61	-20.39	74	62.17	37.4	20.49	66.45	100	270	P	H
		15780	42.22	-11.78	54	50.78	37.4	20.49	66.45	100	270	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		7011	54.85	-13.35	68.2	70.1	35.84	14.34	65.43	304	298	P	V
		10520	47.26	-20.94	68.2	58.51	38.44	16.7	66.39	-	-	P	V
		15780	51.77	-22.23	74	60.33	37.4	20.49	66.45	299	6	P	V
		15780	41.02	-12.98	54	49.58	37.4	20.49	66.45	299	6	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		7066	51.88	-16.32	68.2	66.94	36.1	14.28	65.44	300	268	P	H
		10600	47.89	-26.11	74	58.48	38.9	16.77	66.26	-	-	P	H
		15900	47.85	-26.15	74	56.3	37.5	20.55	66.5	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
i802.11a CH 60 5300MHz													H
		7066	55.9	-12.3	68.2	70.96	36.1	14.28	65.44	197	305	P	V
		10600	47.87	-26.13	74	58.46	38.9	16.77	66.26	-	-	P	V
		15900	47.87	-26.13	74	56.32	37.5	20.55	66.5	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7093	51.39	-16.81	68.2	66.33	36.26	14.24	65.44	112	249	P	H
		10640	47.02	-26.98	74	57.36	39.06	16.8	66.2	-	-	P	H
		15960	54.34	-19.66	74	62.79	37.5	20.58	66.53	100	264	P	H
		15960	42.29	-11.71	54	50.74	37.5	20.58	66.53	100	264		H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz		7093	55.67	-12.53	68.2	70.61	36.26	14.24	65.44	294	313	P	V
		10640	47.34	-26.66	74	57.68	39.06	16.8	66.2	-	-	P	V
		15960	47.88	-26.12	74	56.33	37.5	20.58	66.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 8+9	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)
		5067.66	55.8	-18.2	74	41.04	32.9	11.26	29.4	113	334	P	H
		5136.68	45.46	-8.54	54	30.55	32.97	11.33	29.39	113	334	A	H
	*	5260	107.96	-	-	93.02	32.88	11.44	29.38	113	334	P	H
	*	5260	100.14	-	-	85.2	32.88	11.44	29.38	113	334	A	H
802.11ax		5424.72	55.22	-18.78	74	40.2	32.8	11.58	29.36	113	334	P	H
HE20 Full		5460	44.8	-9.2	54	29.72	32.8	11.63	29.35	113	334	A	H
CH 52		5084.32	56.32	-17.68	74	41.54	32.9	11.28	29.4	146	337	P	V
5260MHz		5144.84	45.58	-8.42	54	30.64	32.99	11.34	29.39	146	337	A	V
	*	5260	115.07	-	-	100.13	32.88	11.44	29.38	146	337	P	V
	*	5260	106.79	-	-	91.85	32.88	11.44	29.38	146	337	A	V
		5365.44	55.39	-18.61	74	40.44	32.8	11.52	29.37	146	337	P	V
		5350.08	45.17	-8.83	54	30.23	32.8	11.51	29.37	146	337	A	V
		5055.42	56	-18	74	41.25	32.9	11.25	29.4	111	335	P	H
		5110.5	45.39	-8.61	54	30.56	32.92	11.31	29.4	111	335	A	H
	*	5300	108.78	-	-	93.88	32.8	11.47	29.37	111	335	P	H
	*	5300	100.93	-	-	86.03	32.8	11.47	29.37	111	335	A	H
802.11ax		5367.84	55.11	-18.89	74	40.16	32.8	11.52	29.37	111	335	P	H
HE20 Full		5454.24	44.79	-9.21	54	29.73	32.8	11.62	29.36	111	335	A	H
CH 60		5124.44	55.71	-18.29	74	40.84	32.95	11.32	29.4	160	339	P	V
5300MHz		5112.54	45.47	-8.53	54	30.63	32.93	11.31	29.4	160	339	A	V
	*	5300	117	-	-	102.1	32.8	11.47	29.37	160	339	P	V
	*	5300	107.68	-	-	92.78	32.8	11.47	29.37	160	339	A	V
		5397.84	55.54	-18.46	74	40.56	32.8	11.54	29.36	160	339	P	V
		5351.04	46.26	-7.74	54	31.32	32.8	11.51	29.37	160	339	A	V

	*	5320	108.2	-	-	93.29	32.8	11.48	29.37	122	338	P	H
	*	5320	100.25	-	-	85.34	32.8	11.48	29.37	122	338	A	H
		5440	54.4	-19.6	74	39.36	32.8	11.6	29.36	122	338	P	H
		5350.88	46.06	-7.94	54	31.12	32.8	11.51	29.37	122	338	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	115.92	-	-	101.01	32.8	11.48	29.37	142	337	P	V
5320MHz	*	5320	107.6	-	-	92.69	32.8	11.48	29.37	142	337	A	V
		5352.48	58.26	-15.74	74	43.32	32.8	11.51	29.37	142	337	P	V
		5350.08	50.39	-3.61	54	35.45	32.8	11.51	29.37	142	337	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		7011	51.29	-16.91	68.2	66.54	35.84	14.34	65.43	300	272	P	H
		10520	47.82	-20.38	68.2	59.07	38.44	16.7	66.39	-	-	P	H
		15780	47.64	-26.36	74	56.2	37.4	20.49	66.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		7011	55.12	-13.08	68.2	70.37	35.84	14.34	65.43	100	36	P	V
5260MHz		10520	48.12	-20.08	68.2	59.37	38.44	16.7	66.39	-	-	P	V
		15780	47.69	-26.31	74	56.25	37.4	20.49	66.45	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		7066	52.77	-15.43	68.2	67.83	36.1	14.28	65.44	100	39	P	H
		10600	47.96	-26.04	74	58.55	38.9	16.77	66.26	-	-	P	H
		15900	47.37	-26.63	74	55.82	37.5	20.55	66.5	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		7066	56.05	-12.15	68.2	71.11	36.1	14.28	65.44	307	300	P	V
5300MHz		10600	46.9	-27.1	74	57.49	38.9	16.77	66.26	-	-	P	V
		15900	46.81	-27.19	74	55.26	37.5	20.55	66.5	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		7088	51.66	-16.54	68.2	66.61	36.23	14.26	65.44	100	39	P	H
		10640	47.41	-26.59	74	57.75	39.06	16.8	66.2	-	-	P	H
		15960	47.18	-26.82	74	55.63	37.5	20.58	66.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		7088	56.23	-11.97	68.2	71.18	36.23	14.26	65.44	299	311	P	V
5320MHz		10640	46.57	-27.43	74	56.91	39.06	16.8	66.2	-	-	P	V
		15960	47.21	-26.79	74	55.66	37.5	20.58	66.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	108.9	-	-	93.99	32.8	11.48	29.37	152	346	P	H
	*	5320	103.03	-	-	88.12	32.8	11.48	29.37	152	346	A	H
		5362.08	64.23	-9.77	74	49.29	32.8	11.51	29.37	152	346	P	H
		5460	44.17	-9.83	54	29.09	32.8	11.63	29.35	152	346	A	H
													H
													H
	*	5320	114.99	-	-	100.07	32.8	11.49	29.37	217	332	P	V
	*	5320	108.75	-	-	93.83	32.8	11.49	29.37	217	332	A	V
		5360.64	69.97	-4.03	74	55.03	32.8	11.51	29.37	217	332	P	V
		5362.08	45.45	-8.55	54	30.51	32.8	11.51	29.37	217	332	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	107.25	-	-	92.34	32.8	11.48	29.37	100	337	P	H
	*	5320	100.28	-	-	85.37	32.8	11.48	29.37	100	337	A	H
		5448.64	56.12	-17.88	74	41.06	32.8	11.62	29.36	100	337	P	H
802.11ax		5457.44	44.2	-9.8	54	29.13	32.8	11.63	29.36	100	337	A	H
HE20													H
Partial													H
52/40	*	5320	114.51	-	-	99.59	32.8	11.49	29.37	165	339	P	V
CH 64	*	5320	107.35	-	-	92.43	32.8	11.49	29.37	165	339	A	V
5320MHz		5353.92	57.9	-16.1	74	42.96	32.8	11.51	29.37	165	339	P	V
		5351.52	45.07	-8.93	54	30.13	32.8	11.51	29.37	165	339	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	102.38	-	-	87.47	32.8	11.48	29.37	122	336	P	H
	*	5320	95.06	-	-	80.15	32.8	11.48	29.37	122	336	A	H
		5453.12	56.1	-17.9	74	41.04	32.8	11.62	29.36	122	336	P	H
802.11ax		5459.68	44.23	-9.77	54	29.15	32.8	11.63	29.35	122	336	A	H
HE20													H
Partial													H
106/54	*	5320	109.18	-	-	94.27	32.8	11.48	29.37	164	344	P	V
CH 64	*	5320	102.41	-	-	87.5	32.8	11.48	29.37	164	344	A	V
5320MHz		5456.64	56.07	-17.93	74	41	32.8	11.63	29.36	164	344	P	V
		5460	44.3	-9.7	54	29.22	32.8	11.63	29.35	164	344	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 8+9	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)
		5122.4	56.36	-17.64	74	41.5	32.94	11.32	29.4	105	344	P	H
		5140.76	45.43	-8.57	54	30.5	32.98	11.34	29.39	105	344	A	H
	*	5270	104.41	-	-	89.48	32.86	11.45	29.38	105	344	P	H
	*	5270	97.6	-	-	82.67	32.86	11.45	29.38	105	344	A	H
802.11ax		5409.12	55.6	-18.4	74	40.61	32.8	11.55	29.36	105	344	P	H
HE40 Full		5350.32	45.07	-8.93	54	30.13	32.8	11.51	29.37	105	344	A	H
CH 54		5043.52	56.1	-17.9	74	41.33	32.93	11.24	29.4	100	334	P	V
5270MHz		5140.08	45.79	-8.21	54	30.86	32.98	11.34	29.39	100	334	A	V
	*	5270	110.13	-	-	95.2	32.86	11.45	29.38	100	334	P	V
	*	5270	103.42	-	-	88.49	32.86	11.45	29.38	100	334	A	V
		5390.16	57.54	-16.46	74	42.57	32.8	11.53	29.36	100	334	P	V
		5350.08	47.44	-6.56	54	32.5	32.8	11.51	29.37	100	334	A	V
		5111.86	56.4	-17.6	74	41.57	32.92	11.31	29.4	109	343	P	H
		5109.14	45.28	-8.72	54	30.46	32.92	11.3	29.4	109	343	A	H
	*	5310	102.19	-	-	87.28	32.8	11.48	29.37	109	343	P	H
	*	5310	94.46	-	-	79.55	32.8	11.48	29.37	109	343	A	H
802.11ax		5357.52	56.22	-17.78	74	41.28	32.8	11.51	29.37	109	343	P	H
HE40 Full		5350.08	46.77	-7.23	54	31.83	32.8	11.51	29.37	109	343	A	H
CH 62		5017.34	56.07	-17.93	74	41.24	33.03	11.21	29.41	100	335	P	V
5310MHz		5123.76	45.33	-8.67	54	30.46	32.95	11.32	29.4	100	335	A	V
	*	5310	108.45	-	-	93.54	32.8	11.48	29.37	100	335	P	V
	*	5310	100.92	-	-	86.01	32.8	11.48	29.37	100	335	A	V
		5358.24	59.63	-14.37	74	44.69	32.8	11.51	29.37	100	335	P	V
		5350.08	50.92	-3.08	54	35.98	32.8	11.51	29.37	100	335	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		7022	53.1	-15.1	68.2	68.32	35.89	14.32	65.43	301	266	P	H
		10540	47.55	-20.65	68.2	58.72	38.48	16.71	66.36	-	-	P	H
		15810	47.19	-26.81	74	55.95	37.2	20.5	66.46	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		7022	55.66	-12.54	68.2	70.88	35.89	14.32	65.43	307	306	P	V
5270MHz		10540	47.47	-20.73	68.2	58.64	38.48	16.71	66.36	-	-	P	V
		15810	46.77	-27.23	74	55.53	37.2	20.5	66.46	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		7077	52.21	-15.99	68.2	67.22	36.16	14.27	65.44	295	267	P	H
		10620	46.88	-27.12	74	57.35	38.98	16.78	66.23	-	-	P	H
		15930	47.34	-26.66	74	55.8	37.5	20.56	66.52	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		7077	55.92	-12.28	68.2	70.93	36.16	14.27	65.44	309	301	P	V
5310MHz		10620	47.09	-26.91	74	57.56	38.98	16.78	66.23	-	-	P	V
		15930	46.3	-27.7	74	54.76	37.5	20.56	66.52	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 8+9	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)
		5138.38	56.04	-17.96	74	41.11	32.98	11.34	29.39	126	347	P	H
		5128.52	45.37	-8.63	54	30.48	32.96	11.32	29.39	126	347	A	H
	*	5290	99.3	-	-	84.4	32.82	11.46	29.38	126	347	P	H
	*	5290	91.6	-	-	76.7	32.82	11.46	29.38	126	347	A	H
802.11ax		5350.56	56.44	-17.56	74	41.5	32.8	11.51	29.37	126	347	P	H
HE80 Full		5350.08	47.26	-6.74	54	32.32	32.8	11.51	29.37	126	347	A	H
CH 58		5044.54	55.52	-18.48	74	40.76	32.92	11.24	29.4	206	346	P	V
5290MHz		5139.4	45.69	-8.31	54	30.76	32.98	11.34	29.39	206	346	A	V
	*	5290	104.51	-	-	89.61	32.82	11.46	29.38	206	346	P	V
	*	5290	97.44	-	-	82.54	32.82	11.46	29.38	206	346	A	V
		5351.04	60.62	-13.38	74	45.68	32.8	11.51	29.37	206	346	P	V
		5350.08	50.64	-3.36	54	35.7	32.8	11.51	29.37	206	346	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		7055	51.96	-16.24	68.2	67.07	36.03	14.29	65.43	100	40	P	H
		10580	46.4	-21.8	68.2	57.21	38.74	16.75	66.3	-	-	P	H
		15870	46.39	-27.61	74	55.02	37.32	20.54	66.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		7055	55.4	-12.8	68.2	70.51	36.03	14.29	65.43	299	311	P	V
5290MHz		10580	47.68	-20.52	68.2	58.49	38.74	16.75	66.3	-	-	P	V
		15870	46.55	-27.45	74	55.18	37.32	20.54	66.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 8+9	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		5459.44	55.3	-18.7	74	40.22	32.8	11.63	29.35	205	15	P	H
		5469.52	57.81	-10.39	68.2	42.71	32.8	11.65	29.35	205	15	P	H
		5460	45.62	-8.38	54	30.54	32.8	11.63	29.35	205	15	A	H
	*	5500	107.79	-	-	92.65	32.8	11.69	29.35	205	15	P	H
	*	5500	101.21	-	-	86.07	32.8	11.69	29.35	205	15	A	H
													H
		5454.96	58.21	-15.79	74	43.14	32.8	11.63	29.36	129	15	P	V
		5467.76	61.86	-6.34	68.2	46.76	32.8	11.65	29.35	129	15	P	V
		5460	47.79	-6.21	54	32.71	32.8	11.63	29.35	129	15	A	V
	*	5500	113.94	-	-	98.8	32.8	11.69	29.35	129	15	P	V
	*	5500	107.27	-	-	92.13	32.8	11.69	29.35	129	15	A	V
													V
802.11a CH 116 5580MHz		5418.88	54.52	-19.48	74	39.51	32.8	11.57	29.36	147	322	P	H
		5464.24	54.09	-14.11	68.2	39	32.8	11.64	29.35	147	322	P	H
		5459.2	44.16	-9.84	54	29.08	32.8	11.63	29.35	147	322	A	H
	*	5580	109.2	-	-	93.95	32.8	11.82	29.37	147	322	P	H
	*	5580	102.24	-	-	86.99	32.8	11.82	29.37	147	322	A	H
		5740.745	55.55	-12.65	68.2	39.51	33.48	11.96	29.4	147	322	P	H
		5433.28	54.87	-19.13	74	39.84	32.8	11.59	29.36	165	340	P	V
		5467.84	54.08	-14.12	68.2	38.98	32.8	11.65	29.35	165	340	P	V
		5459.44	44.45	-9.55	54	29.37	32.8	11.63	29.35	165	340	A	V
	*	5580	115.73	-	-	100.48	32.8	11.82	29.37	165	340	P	V
	*	5580	108.15	-	-	92.9	32.8	11.82	29.37	165	340	A	V
		5752.715	56.17	-12.03	68.2	40.08	33.52	11.97	29.4	165	340	P	V

802.11a CH 140 5700MHz	*	5700	108.99	-	-	93.05	33.4	11.93	29.39	277	14	P	H
	*	5700	102.74	-	-	86.8	33.4	11.93	29.39	277	14	A	H
		5753.08	57.67	-10.53	68.2	41.58	33.52	11.97	29.4	277	14	P	H
													H
													H
													H
	*	5700	116.69	-	-	100.75	33.4	11.93	29.39	160	330	P	V
	*	5700	109.39	-	-	93.45	33.4	11.93	29.39	160	330	A	V
		5725.8	60.77	-7.43	68.2	44.77	33.45	11.95	29.4	160	330	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 8+9	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		7704	49.3	-24.7	74	63.84	36.31	14.73	65.58	204	239	P	H
		7704	39.98	-14.02	54	54.52	36.31	14.73	65.58	204	239	A	H
		11000	47.33	-26.67	74	57.17	38.7	17.1	65.64	-	-	P	H
		16500	49.25	-18.95	68.2	56.55	38.4	21.22	66.92	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
		7704	50.29	-23.71	74	64.83	36.31	14.73	65.58	113	360	P	V
		7704	41.82	-12.18	54	56.36	36.31	14.73	65.58	113	360	A	V
		11000	47.66	-26.34	74	57.5	38.7	17.1	65.64	-	-	P	V
		16500	49.99	-18.21	68.2	57.29	38.4	21.22	66.92	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	47.25	-26.75	74	57.01	38.7	17.22	65.68	-	-	P	H
		16740	48.84	-19.36	68.2	55.49	38.24	21.52	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	47.74	-26.26	74	57.5	38.7	17.22	65.68	-	-	P	V
		16740	49	-19.2	68.2	55.65	38.24	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	47.89	-26.11	74	57.22	39	17.41	65.74	-	-	P	H
		17100	48.79	-19.41	68.2	54.45	38.2	21.89	65.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	47.8	-26.2	74	57.13	39	17.41	65.74	-	-	P	V
		17100	49.07	-19.13	68.2	54.73	38.2	21.89	65.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

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

WIFI Ant. 8+9	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)
		5434.96	55.64	-18.36	74	40.61	32.8	11.59	29.36	400	65	P	H
		5466	55.08	-13.12	68.2	39.99	32.8	11.64	29.35	400	65	P	H
		5460	45.23	-8.77	54	30.15	32.8	11.63	29.35	400	65	A	H
	*	5500	104.98	-	-	89.84	32.8	11.69	29.35	400	65	P	H
802.11ax	*	5500	98.35	-	-	83.21	32.8	11.69	29.35	400	65	A	H
HE20 Full		5457.04	56.52	-17.48	74	41.45	32.8	11.63	29.36	138	17	P	V
CH 100		5468.88	60.3	-7.9	68.2	45.2	32.8	11.65	29.35	138	17	P	V
5500MHz		5460	46.82	-7.18	54	31.74	32.8	11.63	29.35	138	17	A	V
	*	5500	114.31	-	-	99.17	32.8	11.69	29.35	138	17	P	V
	*	5500	106.85	-	-	91.71	32.8	11.69	29.35	138	17	A	V
													V
													V
		5458.72	54.78	-19.22	74	39.7	32.8	11.63	29.35	111	337	P	H
		5468.08	55.03	-13.17	68.2	39.93	32.8	11.65	29.35	111	337	P	H
		5458.72	44.77	-9.23	54	29.69	32.8	11.63	29.35	111	337	A	H
	*	5580	110.49	-	-	95.23	32.8	11.83	29.37	111	337	P	H
802.11ax	*	5580	102.97	-	-	87.71	32.8	11.83	29.37	111	337	A	H
HE20 Full		5730.035	55.48	-12.72	68.2	39.47	33.46	11.95	29.4	111	337	P	H
CH 116		5448.4	54.83	-19.17	74	39.77	32.8	11.62	29.36	152	333	P	V
5580MHz		5462.56	53.88	-14.32	68.2	38.79	32.8	11.64	29.35	152	333	P	V
		5458.24	45.06	-8.94	54	29.99	32.8	11.63	29.36	152	333	A	V
	*	5580	116.9	-	-	101.65	32.8	11.82	29.37	152	333	P	V
	*	5580	108.91	-	-	93.66	32.8	11.82	29.37	152	333	A	V
		5734.13	57.52	-10.68	68.2	41.49	33.47	11.96	29.4	152	333	P	V

	*	5700	110.9	-	-	94.96	33.4	11.93	29.39	294	14	P	H
	*	5700	101.6	-	-	85.66	33.4	11.93	29.39	294	14	A	H
		5746.04	56.29	-11.91	68.2	40.23	33.49	11.97	29.4	294	14	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	115.67	-	-	99.73	33.4	11.93	29.39	201	332	P	V
5700MHz	*	5700	107.88	-	-	91.94	33.4	11.93	29.39	201	332	A	V
		5732.92	59.59	-8.61	68.2	43.56	33.47	11.96	29.4	201	332	P	V
													V
													V
													V

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		7704	51.28	-22.72	74	65.82	36.31	14.73	65.58	202	236	P	H
		7704	41.32	-12.68	54	55.86	36.31	14.73	65.58	202	236	A	H
		8804	52.53	-15.67	68.2	65.36	37.51	15.44	65.78	199	46	P	H
		11000	47.57	-26.43	74	57.41	38.7	17.1	65.64	-	-	P	H
		16500	49.68	-18.52	68.2	56.98	38.4	21.22	66.92	-	-	P	H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		7704	53.5	-20.5	74	68.04	36.31	14.73	65.58	113	360	P	V
5500MHz		7704	43.7	-10.3	54	58.24	36.31	14.73	65.58	113	360	A	V
		8804	51.65	-16.55	68.2	64.48	37.51	15.44	65.78	197	48	P	V
		11000	47.96	-26.04	74	57.8	38.7	17.1	65.64	-	-	P	V
		16500	48.69	-19.51	68.2	55.99	38.4	21.22	66.92	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7814	50.42	-17.78	68.2	64.54	36.76	14.76	65.64	198	239	P	H
		11160	47.9	-26.1	74	57.66	38.7	17.22	65.68	-	-	P	H
		16740	49.06	-19.14	68.2	55.71	38.24	21.52	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		7814	51.75	-16.45	68.2	65.87	36.76	14.76	65.64	112	335	P	V
5580MHz		11160	47.24	-26.76	74	57	38.7	17.22	65.68	-	-	P	V
		16740	48.87	-19.33	68.2	55.52	38.24	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	46.72	-27.28	74	56.05	39	17.41	65.74	-	-	P	H
		17100	48.82	-19.38	68.2	54.48	38.2	21.89	65.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	47.81	-26.19	74	57.14	39	17.41	65.74	-	-	P	V
5700MHz		17100	48.6	-19.6	68.2	54.26	38.2	21.89	65.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5454.32	60.03	-13.97	74	44.97	32.8	11.62	29.36	289	75	P	H
		5470	60.86	-7.34	68.2	45.76	32.8	11.65	29.35	289	75	P	H
		5459.44	44.38	-9.62	54	29.3	32.8	11.63	29.35	289	75	A	H
	*	5500	111.46	-	-	96.32	32.8	11.69	29.35	289	75	P	H
	*	5500	105.52	-	-	90.38	32.8	11.69	29.35	289	75	A	H
													H
		5452.56	59.32	-14.68	74	44.26	32.8	11.62	29.36	190	24	P	V
		5467.76	64.21	-3.99	68.2	49.11	32.8	11.65	29.35	190	24	P	V
		5458.16	45.17	-8.83	54	30.1	32.8	11.63	29.36	190	24	A	V
	*	5500	116.11	-	-	100.97	32.8	11.69	29.35	190	24	P	V
	*	5500	109.13	-	-	93.99	32.8	11.69	29.35	190	24	A	V
													V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	108.67	-	-	92.73	33.4	11.93	29.39	400	76	P	H
	*	5700	102.45	-	-	86.51	33.4	11.93	29.39	400	76	A	H
		5729.72	58.35	-9.85	68.2	42.34	33.46	11.95	29.4	400	76	P	H
													H
													H
													H
	*	5700	111.37	-	-	95.43	33.4	11.93	29.39	198	67	P	V
	*	5700	106.07	-	-	90.13	33.4	11.93	29.39	198	67	A	V
		5743.24	61.22	-6.98	68.2	45.17	33.49	11.96	29.4	198	67	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 8+9	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)
		5358.32	55.6	-18.4	74	40.66	32.8	11.51	29.37	124	338	P	H
		5467.28	60.42	-7.78	68.2	45.33	32.8	11.64	29.35	124	338	P	H
		5459.44	44.39	-9.61	54	29.31	32.8	11.63	29.35	124	338	A	H
802.11ax	*	5500	108.95	-	-	93.81	32.8	11.69	29.35	124	338	P	H
HE20	*	5500	102.22	-	-	87.08	32.8	11.69	29.35	124	338	A	H
Partial													H
52/37		5417.36	55.54	-18.46	74	40.53	32.8	11.57	29.36	214	328	P	V
CH 100		5469.36	58.25	-9.95	68.2	43.15	32.8	11.65	29.35	214	328	P	V
5500MHz		5459.12	45.01	-8.99	54	29.93	32.8	11.63	29.35	214	328	A	V
	*	5500	115.13	-	-	99.99	32.8	11.69	29.35	214	328	P	V
	*	5500	107.87	-	-	92.73	32.8	11.69	29.35	214	328	A	V
													V
	*	5700	106.63	-	-	90.69	33.4	11.93	29.39	100	344	P	H
	*	5700	98.8	-	-	82.86	33.4	11.93	29.39	100	344	A	H
		5725.16	59.9	-8.3	68.2	43.9	33.45	11.95	29.4	100	344	P	H
802.11ax													H
HE20													H
Partial													H
52/40	*	5700	115.45	-	-	99.51	33.4	11.93	29.39	131	337	P	V
CH 140	*	5700	107.2	-	-	91.26	33.4	11.93	29.39	131	337	A	V
5700MHz		5725.32	64.79	-3.41	68.2	48.79	33.45	11.95	29.4	131	337	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 8+9	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)
		5432.56	54.45	-19.55	74	39.42	32.8	11.59	29.36	150	328	P	H
		5469.04	53.86	-14.34	68.2	38.76	32.8	11.65	29.35	150	328	P	H
		5458.16	44.16	-9.84	54	29.09	32.8	11.63	29.36	150	328	A	H
802.11ax	*	5500	103.26	-	-	88.12	32.8	11.69	29.35	150	328	P	H
HE20	*	5500	97.09	-	-	81.95	32.8	11.69	29.35	150	328	A	H
Partial													H
106/53		5436.08	55.3	-18.7	74	40.26	32.8	11.6	29.36	163	340	P	V
CH 100		5463.12	53.87	-14.33	68.2	38.78	32.8	11.64	29.35	163	340	P	V
5500MHz		5460	44.61	-9.39	54	29.53	32.8	11.63	29.35	163	340	A	V
	*	5500	109.43	-	-	94.29	32.8	11.69	29.35	163	340	P	V
	*	5500	103.26	-	-	88.12	32.8	11.69	29.35	163	340	A	V
													V
	*	5700	108.89	-	-	92.95	33.4	11.93	29.39	284	61	P	H
	*	5700	101.01	-	-	85.07	33.4	11.93	29.39	284	61	A	H
		5728.04	57.68	-10.52	68.2	41.67	33.46	11.95	29.4	284	61	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	112.45	-	-	96.51	33.4	11.93	29.39	164	332	P	V
CH 140	*	5700	105.57	-	-	89.63	33.4	11.93	29.39	164	332	A	V
5700MHz		5745.24	56.78	-11.42	68.2	40.72	33.49	11.97	29.4	164	332	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 8+9	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)
		5433.28	55.17	-18.83	74	40.14	32.8	11.59	29.36	124	344	P	H
		5468.8	55.3	-12.9	68.2	40.2	32.8	11.65	29.35	124	344	P	H
		5459.92	45.43	-8.57	54	30.35	32.8	11.63	29.35	124	344	A	H
	*	5510	104.85	-	-	89.69	32.8	11.71	29.35	124	344	P	H
802.11ax	*	5510	97.48	-	-	82.32	32.8	11.71	29.35	124	344	A	H
HE40 Full		5763.425	56.12	-12.08	68.2	39.96	33.58	11.98	29.4	124	344	P	H
CH 102		5451.28	55.79	-18.21	74	40.73	32.8	11.62	29.36	182	337	P	V
5510MHz		5469.04	57.4	-10.8	68.2	42.3	32.8	11.65	29.35	182	337	P	V
		5459.44	47.01	-6.99	54	31.93	32.8	11.63	29.35	182	337	A	V
	*	5510	112.84	-	-	97.68	32.8	11.71	29.35	182	337	P	V
	*	5510	103.41	-	-	88.25	32.8	11.71	29.35	182	337	A	V
		5753.66	56.49	-11.71	68.2	40.4	33.52	11.97	29.4	182	337	P	V
		5448.4	55.09	-18.91	74	40.03	32.8	11.62	29.36	100	343	P	H
		5462.08	54.65	-13.55	68.2	39.56	32.8	11.64	29.35	100	343	P	H
		5459.92	45.19	-8.81	54	30.11	32.8	11.63	29.35	100	343	A	H
	*	5550	107.76	-	-	92.55	32.8	11.77	29.36	100	343	P	H
802.11ax	*	5550	99.99	-	-	84.78	32.8	11.77	29.36	100	343	A	H
HE40 Full		5739.8	55.2	-13	68.2	39.16	33.48	11.96	29.4	100	343	P	H
CH 110		5456.32	57.11	-16.89	74	42.04	32.8	11.63	29.36	197	337	P	V
5550MHz		5469.04	57.34	-10.86	68.2	42.24	32.8	11.65	29.35	197	337	P	V
		5459.92	46.32	-7.68	54	31.24	32.8	11.63	29.35	197	337	A	V
	*	5550	112.93	-	-	97.72	32.8	11.77	29.36	197	337	P	V
	*	5550	106.02	-	-	90.81	32.8	11.77	29.36	197	337	A	V
		5760.905	55.92	-12.28	68.2	39.77	33.57	11.98	29.4	197	337	P	V

		5444.15	55.73	-18.27	74	40.68	32.8	11.61	29.36	287	60	P	H
		5462.35	54.65	-13.55	68.2	39.56	32.8	11.64	29.35	287	60	P	H
		5459.9	44.57	-9.43	54	29.49	32.8	11.63	29.35	287	60	A	H
	*	5670	108.55	-	-	92.86	33.16	11.91	29.38	287	60	P	H
802.11ax	*	5670	100.98	-	-	85.29	33.16	11.91	29.38	287	60	A	H
HE40 Full		5725	59.28	-8.92	68.2	43.28	33.45	11.95	29.4	287	60	P	H
CH 134		5397.6	54.88	-19.12	74	39.9	32.8	11.54	29.36	197	329	P	V
5670MHz		5462.35	54.3	-13.9	68.2	39.21	32.8	11.64	29.35	197	329	P	V
		5459.55	44.72	-9.28	54	29.64	32.8	11.63	29.35	197	329	A	V
	*	5670	113.91	-	-	98.22	33.16	11.91	29.38	197	329	P	V
	*	5670	105.97	-	-	90.28	33.16	11.91	29.38	197	329	A	V
		5725.625	58.02	-10.18	68.2	42.02	33.45	11.95	29.4	197	329	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		7715	48.77	-25.23	74	63.29	36.33	14.74	65.59	203	238	P	H
		7715	39.13	-14.87	54	53.65	36.33	14.74	65.59	203	238	A	H
		11020	47.4	-26.6	74	57.23	38.7	17.12	65.65	-	-	P	H
		16530	48.15	-20.05	68.2	55.65	38.1	21.26	66.86	-	-	P	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		7715	50.36	-23.64	74	64.88	36.33	14.74	65.59	100	9	P	V
5510MHz		7715	40.87	-13.13	54	55.39	36.33	14.74	65.59	100	9	A	V
		11020	46.77	-27.23	74	56.6	38.7	17.12	65.65	-	-	P	V
		16530	47.97	-20.23	68.2	55.47	38.1	21.26	66.86	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	47.53	-26.47	74	57.32	38.7	17.18	65.67	-	-	P	H
		16650	48.85	-19.35	68.2	55.74	38.3	21.41	66.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	47.82	-26.18	74	57.61	38.7	17.18	65.67	-	-	P	V
5550MHz		16650	49.45	-18.75	68.2	56.34	38.3	21.41	66.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11340	47.63	-26.37	74	57.01	38.98	17.37	65.73	-	-	P	H
		17010	48.56	-19.64	68.2	54.49	38.08	21.84	65.85	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	47.08	-26.92	74	56.46	38.98	17.37	65.73	-	-	P	V
5670MHz		17010	48.06	-20.14	68.2	53.99	38.08	21.84	65.85	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 8+9	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)
		5418.4	55.14	-18.86	74	40.13	32.8	11.57	29.36	148	331	P	H
		5465.68	56.08	-12.12	68.2	40.99	32.8	11.64	29.35	148	331	P	H
		5459.92	46.32	-7.68	54	31.24	32.8	11.63	29.35	148	331	A	H
	*	5530	101.66	-	-	86.48	32.8	11.74	29.36	148	331	P	H
802.11ax	*	5530	94.9	-	-	79.72	32.8	11.74	29.36	148	331	A	H
HE80 Full		5726.885	56.4	-11.8	68.2	40.4	33.45	11.95	29.4	148	331	P	H
CH 106		5457.76	59.43	-14.57	74	44.36	32.8	11.63	29.36	205	340	P	V
5530MHz		5469.28	59.08	-9.12	68.2	43.98	32.8	11.65	29.35	205	340	P	V
		5459.92	49.43	-4.57	54	34.35	32.8	11.63	29.35	205	340	A	V
	*	5530	108.31	-	-	93.13	32.8	11.74	29.36	205	340	P	V
	*	5530	101.43	-	-	86.25	32.8	11.74	29.36	205	340	A	V
		5759.645	58.13	-10.07	68.2	41.99	33.56	11.98	29.4	205	340	P	V
		5459.2	56.28	-17.72	74	41.2	32.8	11.63	29.35	157	337	P	H
		5470	56.75	-11.45	68.2	41.65	32.8	11.65	29.35	157	337	P	H
		5459.98	45.43	-8.57	54	30.35	32.8	11.63	29.35	157	337	A	H
	*	5610	105.76	-	-	90.43	32.84	11.86	29.37	157	337	P	H
802.11ax	*	5610	98.2	-	-	82.87	32.84	11.86	29.37	157	337	A	H
HE80 Full		5945.06	58.5	-9.7	68.2	41.47	34.1	12.37	29.44	157	337	P	H
CH 122		5459.59	58.39	-15.61	74	43.31	32.8	11.63	29.35	191	334	P	V
5610MHz		5469.34	58.92	-9.28	68.2	43.82	32.8	11.65	29.35	191	334	P	V
		5459.59	46.3	-7.7	54	31.22	32.8	11.63	29.35	191	334	A	V
	*	5610	112.55	-	-	97.22	32.84	11.86	29.37	191	334	P	V
	*	5610	103.37	-	-	88.04	32.84	11.86	29.37	191	334	A	V
		5892.62	58.46	-9.74	68.2	41.58	34.07	12.24	29.43	191	334	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. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.71	-26.29	74	57.52	38.7	17.15	65.66	-	-	P	H
		16590	48.24	-19.96	68.2	55.74	37.9	21.33	66.73	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	47.64	-26.36	74	57.45	38.7	17.15	65.66	-	-	P	V
5530MHz		16590	49.08	-19.12	68.2	56.58	37.9	21.33	66.73	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 8+9	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)
		11220	47.42	-26.58	74	57.11	38.74	17.27	65.7	-	-	P	H
		16830	47.52	-20.68	68.2	54.07	38.04	21.63	66.22	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	47.39	-26.61	74	57.08	38.74	17.27	65.7	-	-	P	V
5610MHz		16830	48.23	-19.97	68.2	54.78	38.04	21.63	66.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 5470~5725MHz

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

WIFI Ant. 8+9	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		5415.8	56.69	-17.31	74	41.69	32.8	11.56	29.36	100	344	P	H
		5467.95	56.31	-11.89	68.2	41.21	32.8	11.65	29.35	100	344	P	H
		5458.15	46.42	-7.58	54	31.35	32.8	11.63	29.36	100	344	A	H
	*	5570	99.54	-	-	84.3	32.8	11.8	29.36	100	344	P	H
	*	5570	90.96	-	-	75.72	32.8	11.8	29.36	100	344	A	H
		5730.84	57.3	-10.9	68.2	41.29	33.46	11.95	29.4	100	344	P	H
		5445.2	59.61	-14.39	74	44.56	32.8	11.61	29.36	165	336	P	V
		5467.95	58.86	-9.34	68.2	43.76	32.8	11.65	29.35	165	336	P	V
		5458.5	49.62	-4.38	54	34.54	32.8	11.63	29.35	165	336	A	V
	*	5570	106.52	-	-	91.28	32.8	11.8	29.36	165	336	P	V
	*	5570	97.15	-	-	81.91	32.8	11.8	29.36	165	336	A	V
		5732.06	61.31	-6.89	68.2	45.29	33.46	11.96	29.4	165	336	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11140	47.29	-26.71	74	57.06	38.7	17.21	65.68	-	-	P	H
		16710	49.82	-18.38	68.2	56.45	38.36	21.48	66.47	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 114		11140	47.35	-26.65	74	57.12	38.7	17.21	65.68	-	-	P	V
5570MHz		16710	49.14	-19.06	68.2	55.77	38.36	21.48	66.47	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
8+9		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5440.48	55.55	-18.45	74	40.51	32.8	11.6	29.36	112	336	P	H
		5467.39	55.66	-12.54	68.2	40.57	32.8	11.64	29.35	112	336	P	H
		5459.2	44.5	-9.5	54	29.42	32.8	11.63	29.35	112	336	A	H
	*	5720	109.8	-	-	93.8	33.44	11.95	29.39	112	336	P	H
	*	5720	102.32	-	-	86.32	33.44	11.95	29.39	112	336	A	H
		5905.75	58.33	-9.87	68.2	41.39	34.1	12.27	29.43	112	336	P	H
		5352.34	56.86	-17.14	74	41.92	32.8	11.51	29.37	158	332	P	V
		5469.34	56.21	-11.99	68.2	41.11	32.8	11.65	29.35	158	332	P	V
		5414.35	44.71	-9.29	54	29.71	32.8	11.56	29.36	158	332	A	V
	*	5720	116.03	-	-	100.03	33.44	11.95	29.39	158	332	P	V
	*	5720	110.21	-	-	94.21	33.44	11.95	29.39	158	332	A	V
		5915.75	59.41	-8.79	68.2	42.45	34.1	12.29	29.43	158	332	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	47.81	-26.19	74	57.2	38.92	17.44	65.75	-	-	P	H
		17160	49.15	-19.05	68.2	54.71	38.22	21.91	65.69	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11440	47.77	-26.23	74	57.16	38.92	17.44	65.75	-	-	P	V
		17160	49.31	-18.89	68.2	54.87	38.22	21.91	65.69	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 8+9	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)
		5459.98	57.62	-16.38	74	42.54	32.8	11.63	29.35	100	336	P	H
		5459.98	57.62	-16.38	74	42.54	32.8	11.63	29.35	100	336	P	H
		5459.59	44.46	-9.54	54	29.38	32.8	11.63	29.35	100	336	A	H
	*	5720	106.87	-	-	90.87	33.44	11.95	29.39	100	336	P	H
802.11ax	*	5720	100.78	-	-	84.78	33.44	11.95	29.39	100	336	A	H
HE20 Full		5851.75	57.99	-10.21	68.2	41.36	33.91	12.14	29.42	100	336	P	H
CH 144		5414.74	56.19	-17.81	74	41.19	32.8	11.56	29.36	157	337	P	V
5720MHz		5467	56.42	-11.78	68.2	41.33	32.8	11.64	29.35	157	337	P	V
		5414.74	44.64	-9.36	54	29.64	32.8	11.56	29.36	157	337	A	V
	*	5720	114.23	-	-	98.23	33.44	11.95	29.39	157	337	P	V
	*	5720	108.42	-	-	92.42	33.44	11.95	29.39	157	337	A	V
		5936.25	58.2	-10	68.2	41.2	34.1	12.34	29.44	157	337	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	47.89	-26.11	74	57.28	38.92	17.44	65.75	-	-	P	H
		17160	48.12	-20.08	68.2	53.68	38.22	21.91	65.69	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	47.81	-26.19	74	57.2	38.92	17.44	65.75	-	-	P	V
5720MHz		17160	48.82	-19.38	68.2	54.38	38.22	21.91	65.69	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 8+9	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)
		5455.69	56.01	-17.99	74	40.94	32.8	11.63	29.36	211	70	P	H
		5467.39	53.87	-14.33	68.2	38.78	32.8	11.64	29.35	211	70	P	H
		5458.03	44.4	-9.6	54	29.33	32.8	11.63	29.36	211	70	A	H
	*	5710	106.38	-	-	90.41	33.42	11.94	29.39	211	70	P	H
802.11ax	*	5710	99.7	-	-	83.73	33.42	11.94	29.39	211	70	A	H
HE40 Full		5917	58.56	-9.64	68.2	41.59	34.1	12.3	29.43	211	70	P	H
CH 142		5371.06	56.23	-17.77	74	41.28	32.8	11.52	29.37	159	336	P	V
5710MHz		5459.98	54.88	-19.12	74	39.8	32.8	11.63	29.35	159	336	P	V
		5459.2	44.58	-9.42	54	29.5	32.8	11.63	29.35	159	336	A	V
	*	5710	113.14	-	-	97.17	33.42	11.94	29.39	159	336	P	V
	*	5710	105.81	-	-	89.84	33.42	11.94	29.39	159	336	A	V
		5898.25	59.26	-8.94	68.2	42.35	34.09	12.25	29.43	159	336	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. 8+9	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)
		11420	47.6	-26.4	74	56.96	38.96	17.43	65.75	-	-	P	H
		17130	49.77	-18.43	68.2	55.39	38.2	21.9	65.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	47.93	-26.07	74	57.29	38.96	17.43	65.75	-	-	P	V
5710MHz		17130	49.1	-19.1	68.2	54.72	38.2	21.9	65.72	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 Straddle Channel

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

WIFI Ant. 8+9	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5443.21	55.87	-18.13	74	40.82	32.8	11.61	29.36	199	72	P	H
		5467	54.43	-13.77	68.2	39.34	32.8	11.64	29.35	199	72	P	H
		5459.59	44.44	-9.56	54	29.36	32.8	11.63	29.35	199	72	A	H
	*	5690	104.65	-	-	88.8	33.32	11.92	29.39	199	72	P	H
802.11ax	*	5690	97.79	-	-	81.94	33.32	11.92	29.39	199	72	A	H
HE80 Full		5908.25	58.68	-9.52	68.2	41.73	34.1	12.28	29.43	199	72	P	H
CH 138		5452.96	57.08	-16.92	74	42.02	32.8	11.62	29.36	164	332	P	V
5690MHz		5461.93	55.36	-12.84	68.2	40.27	32.8	11.64	29.35	164	332	P	V
		5459.98	44.93	-9.07	54	29.85	32.8	11.63	29.35	164	332	A	V
	*	5690	109.83	-	-	93.98	33.32	11.92	29.39	164	332	P	V
	*	5690	103.66	-	-	87.81	33.32	11.92	29.39	164	332	A	V
		5907.25	59.51	-8.69	68.2	42.57	34.1	12.27	29.43	164	332	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		11380	47.92	-26.08	74	57.26	39	17.4	65.74	-	-	P	H
		17070	48.59	-19.61	68.2	54.18	38.32	21.87	65.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	47.85	-26.15	74	57.19	39	17.4	65.74	-	-	P	V
5690MHz		17070	49.28	-18.92	68.2	54.87	38.32	21.87	65.78	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE160 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
8+9		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full SHF		39230	46.54	-27.46	74	52.79	45	-0.43	50.82	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39494	46.48	-27.52	74	52.5	44.89	-0.31	50.6	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11ax HE160 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
8+9		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full LF	1	30	22.07	-17.93	40	29.36	24.4	0.75	32.44	-	-	P	H
	2	122.34	32.07	-11.43	43.5	45.3	17.52	1.63	32.38	-	-	P	H
	3	217.65	26.39	-19.61	46	41.48	15.21	2.1	32.4	-	-	P	H
	4	460.3	24.85	-21.15	46	30.94	23.26	3.2	32.55	-	-	P	H
	5	643	28.29	-17.71	46	30.65	26.36	3.91	32.63	-	-	P	H
	6	893.6	36.8	-9.2	46	35.29	28.88	4.6	31.97	-	-	P	H
													H
													H
													H
													H
													H
													H
	1	58.08	31.37	-8.63	40	50.69	11.98	1.12	32.42	-	-	P	V
	2	183.36	30.75	-12.75	43.5	46.16	15	1.94	32.35	-	-	P	V
	3	217.38	25.1	-20.9	46	40.23	15.18	2.09	32.4	-	-	P	V
	4	549.9	25.9	-20.1	46	29.71	25.26	3.46	32.53	-	-	P	V
	5	642.3	28.12	-17.88	46	30.47	26.37	3.91	32.63	-	-	P	V
	6	940.5	34.19	-11.81	46	30.56	30.41	4.82	31.6	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<Sample 2>

Band 1 - 5150~5250MHz

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

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
8+9		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE160 Full CH 50 5250MHz		5071.06	55.85	-18.15	74	41.09	32.9	11.26	29.4	100	330	P	H
		5117.64	45.71	-8.29	54	30.86	32.94	11.31	29.4	100	330	A	H
	*	5250	96.18	-	-	81.23	32.9	11.43	29.38	100	330	P	H
	*	5250	87.93	-	-	72.98	32.9	11.43	29.38	100	330	A	H
		5442.36	55.92	-18.08	74	40.87	32.8	11.61	29.36	100	330	P	H
		5391.12	45.51	-8.49	54	30.54	32.8	11.53	29.36	100	330	A	H
		5126.48	57.98	-16.02	74	43.1	32.95	11.32	29.39	157	348	P	V
		5116.28	47.83	-6.17	54	32.99	32.93	11.31	29.4	157	348	A	V
	*	5250	103.34	-	-	88.39	32.9	11.43	29.38	157	348	P	V
	*	5250	95.06	-	-	80.11	32.9	11.43	29.38	157	348	A	V
		5379.08	57.24	-16.76	74	42.27	32.8	11.53	29.36	157	348	P	V
		5388.04	47.18	-6.82	54	32.21	32.8	11.53	29.36	157	348	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 8+9	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)
		10500	47.34	-20.86	68.2	58.68	38.4	16.68	66.42	-	-	P	H
		15750	47.39	-26.61	74	55.65	37.7	20.47	66.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		10500	47.54	-20.66	68.2	58.88	38.4	16.68	66.42	-	-	P	V
5250MHz		15750	47.34	-26.66	74	55.6	37.7	20.47	66.43	-	-	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.

Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
8+9		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Bill Chang, Gary Guo, and Steven Wu	**Temperature :**	20.1~20.8°C
		Relative Humidity :	50.1~67.6%

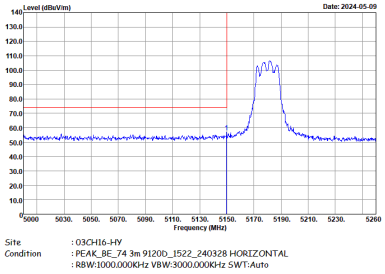
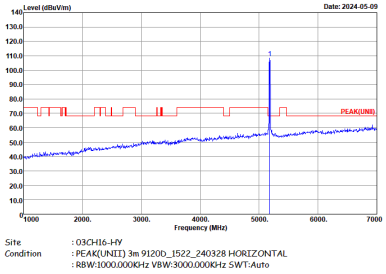
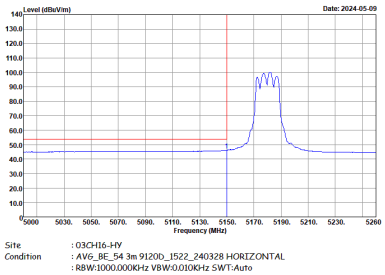
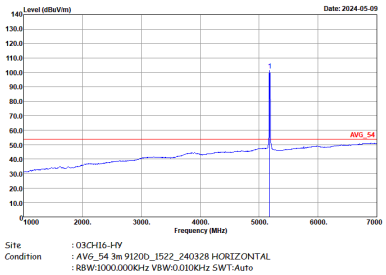
Note symbol

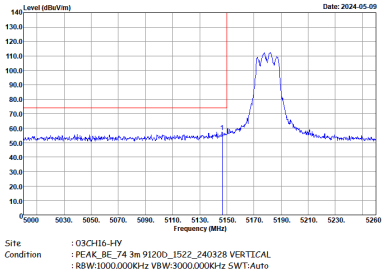
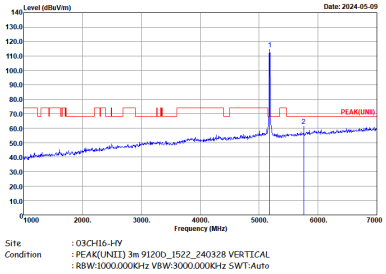
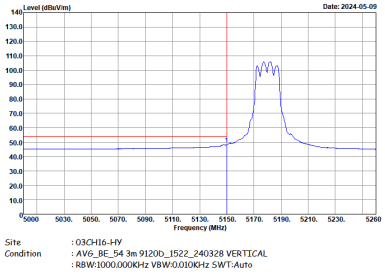
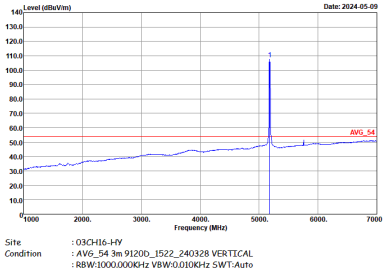
-L	**Low channel location**
-R	**High channel location**

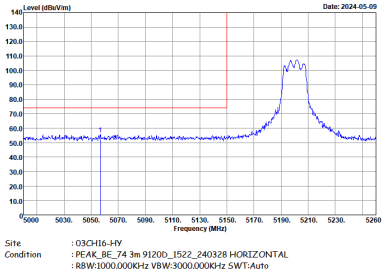
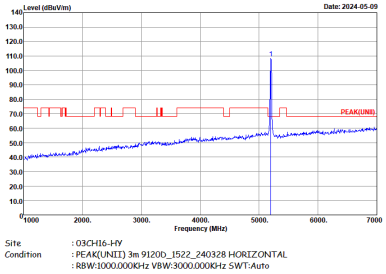
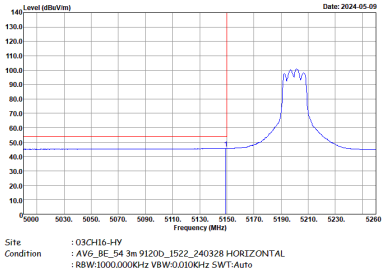
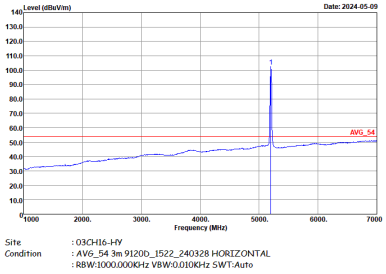
<Sample 1>

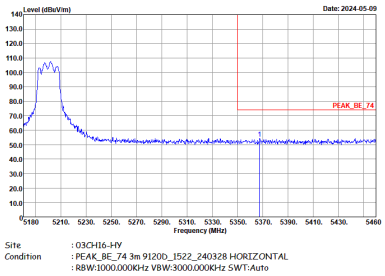
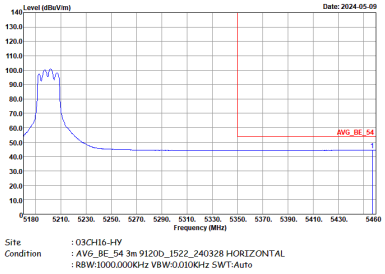
Band 1 - 5150~5250MHz

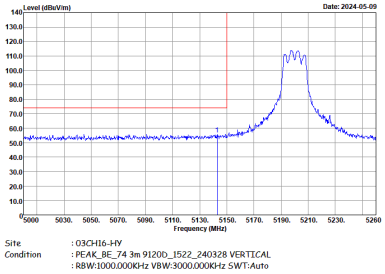
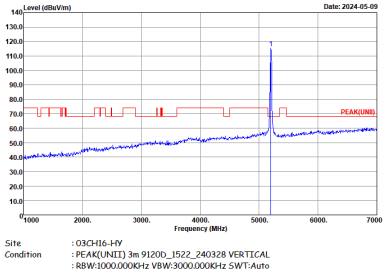
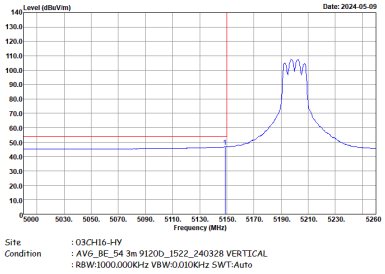
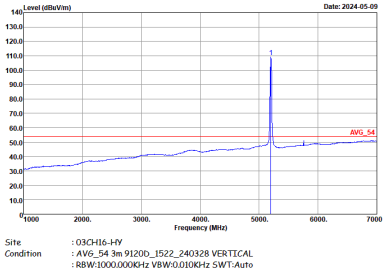
WIFI 802.11a (Band Edge @ 3m)

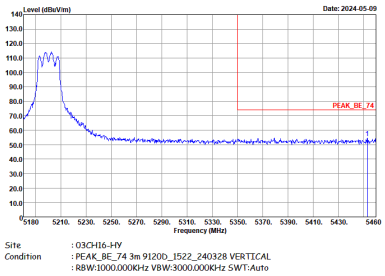
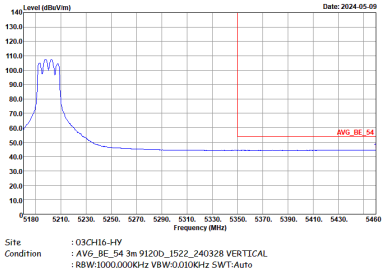
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
8+9	Horizontal	Fundamental
Peak		
Avg.		

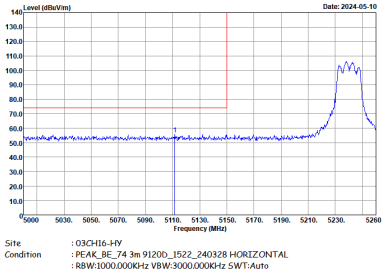
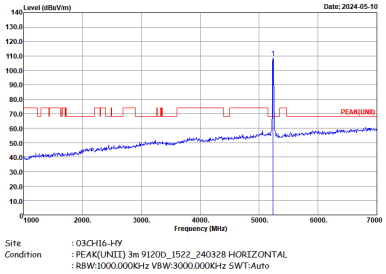
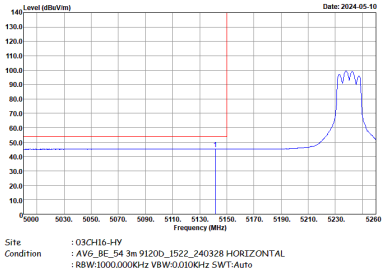
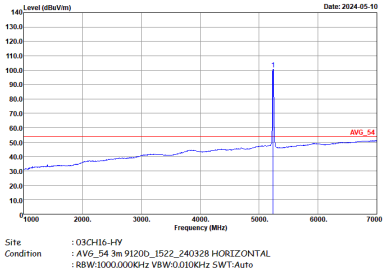
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
8+9	Vertical	Fundamental
Peak		
Avg.		

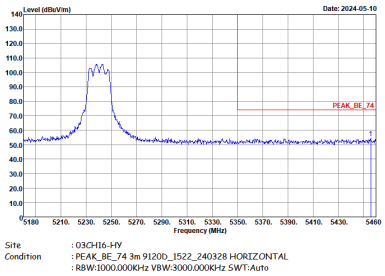
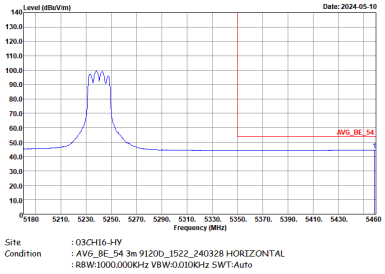
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

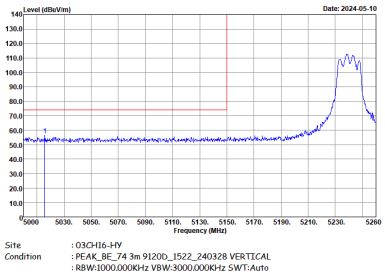
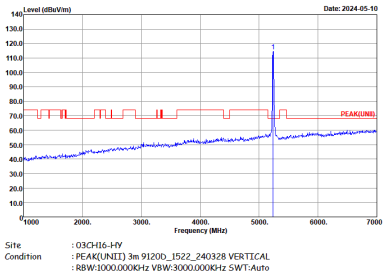
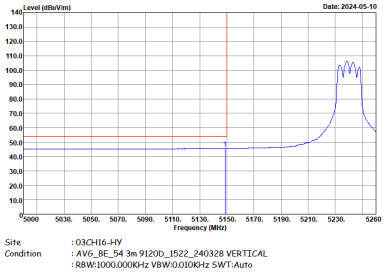
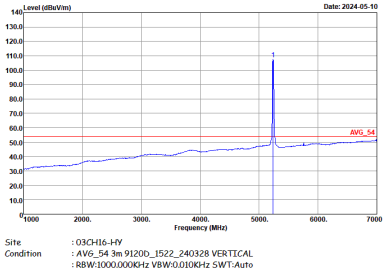
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

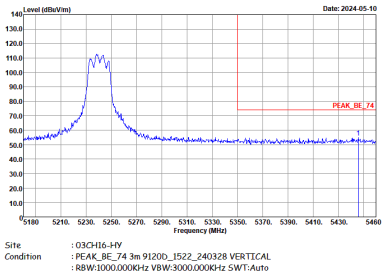
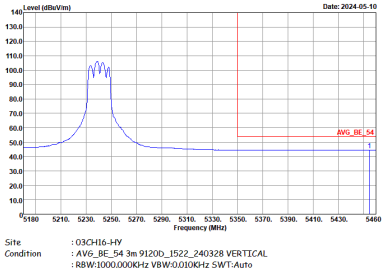
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH40 5200MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH40 5200MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

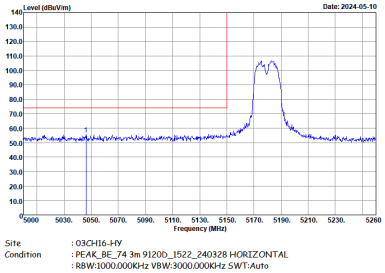
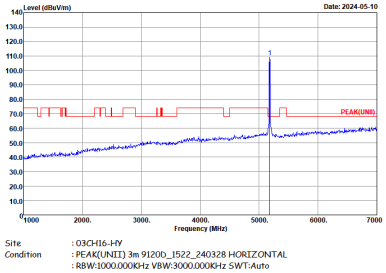
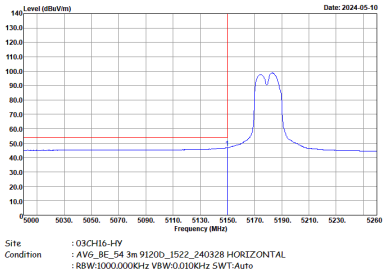
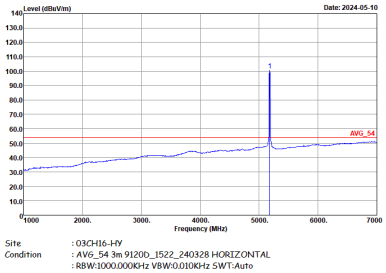
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

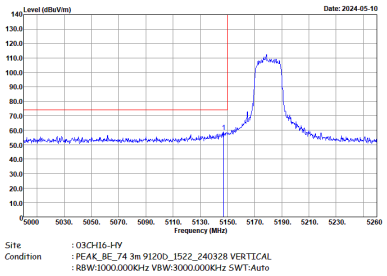
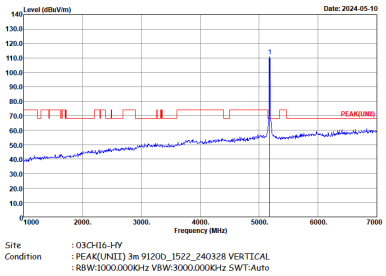
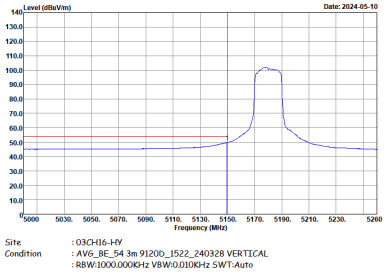
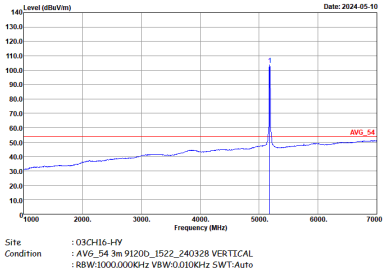
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

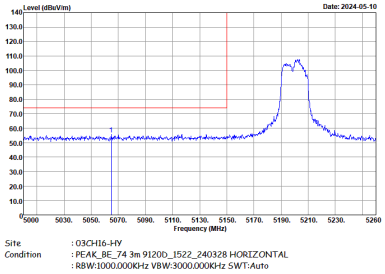
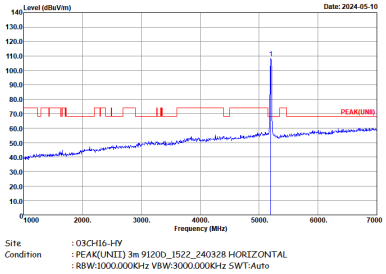
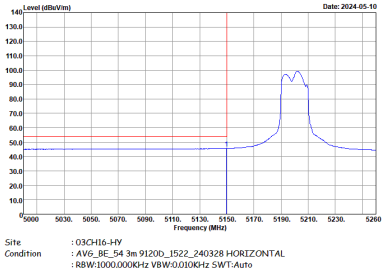
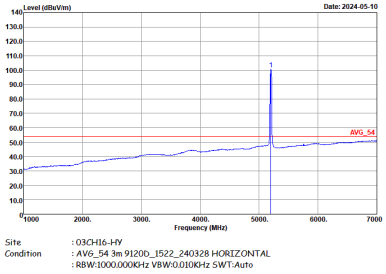
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

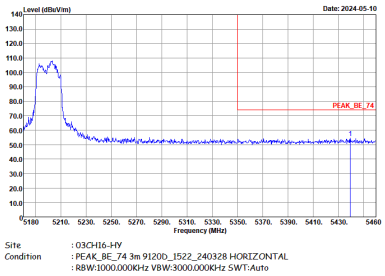
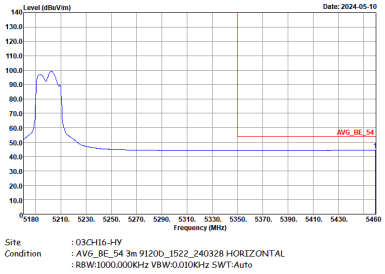
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

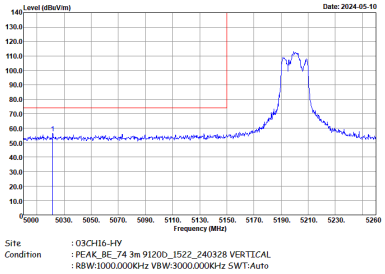
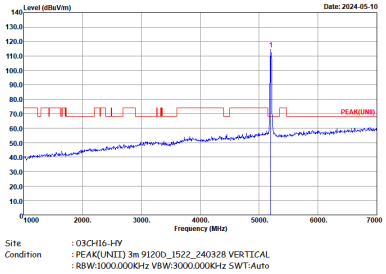
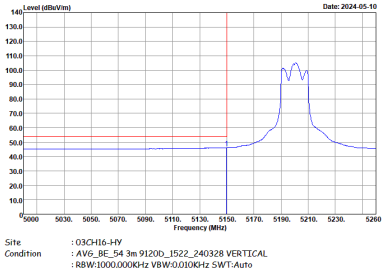
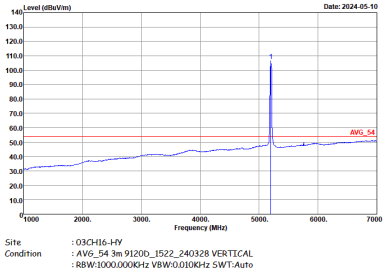
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

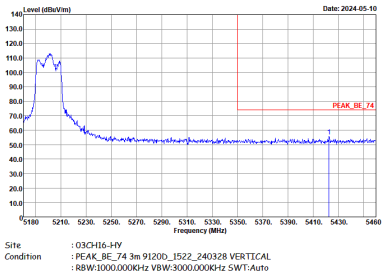
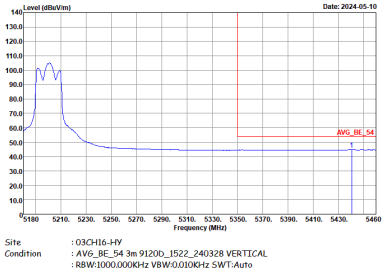
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
8+9	Horizontal	Fundamental
Peak		
Avg.		

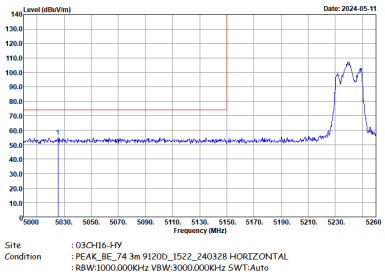
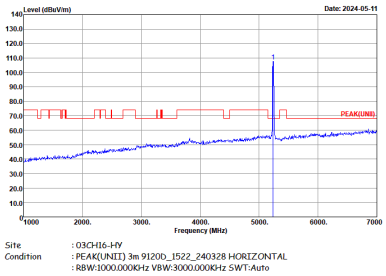
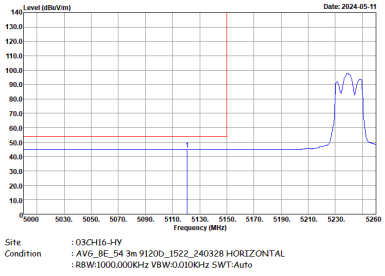
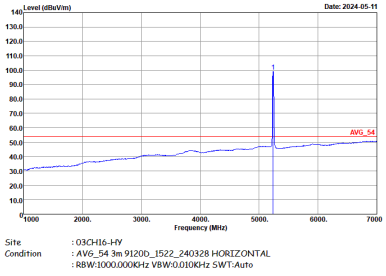
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
8+9	Vertical	Fundamental
Peak		
Avg.		

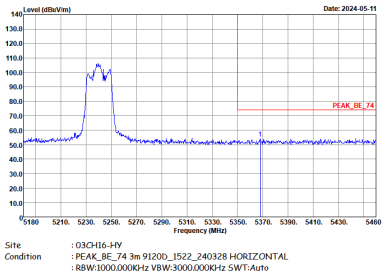
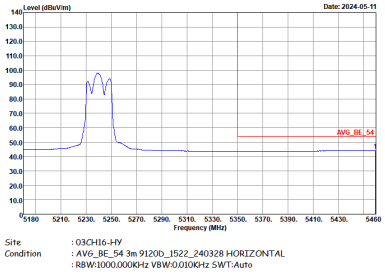
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

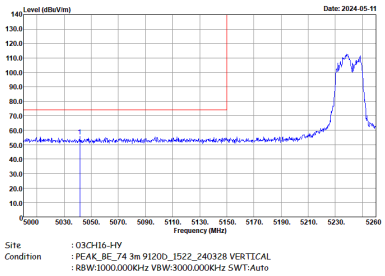
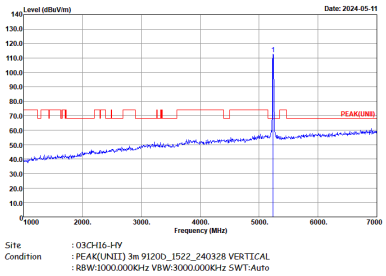
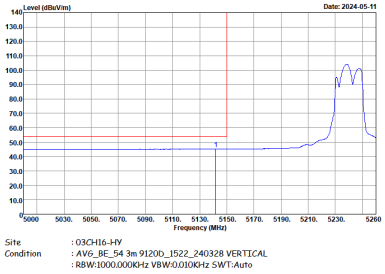
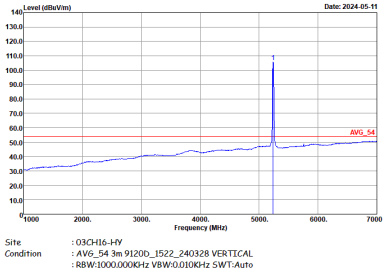
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

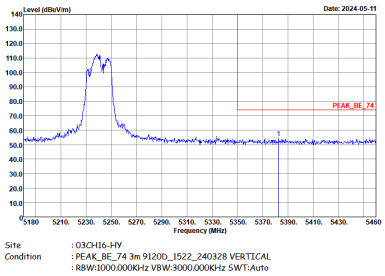
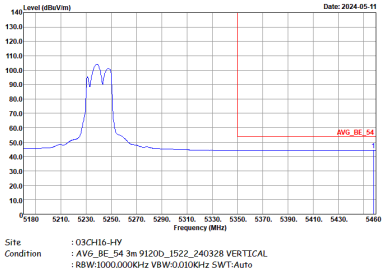
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

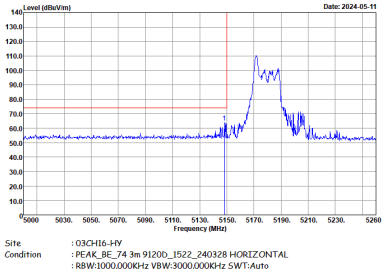
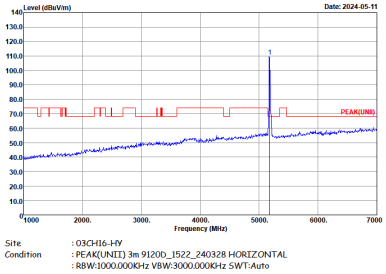
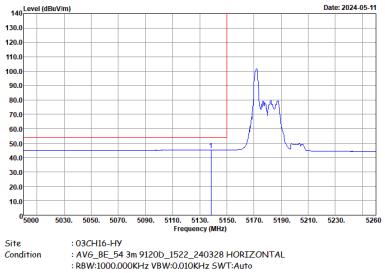
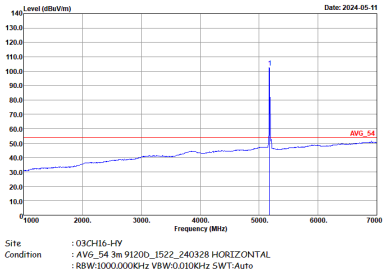
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

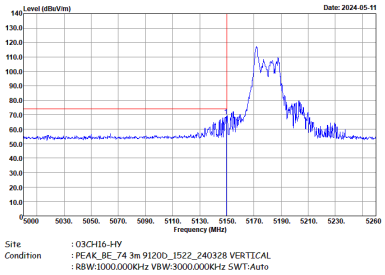
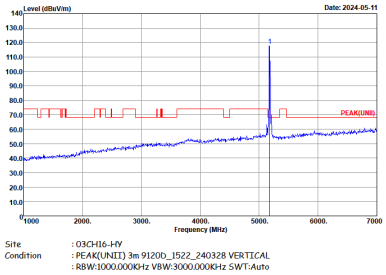
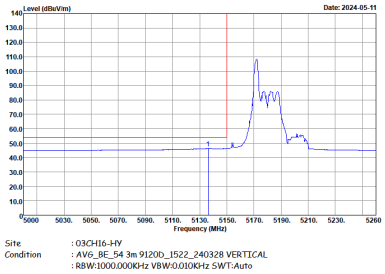
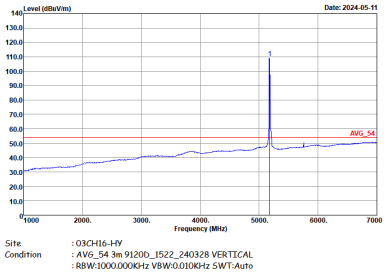
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

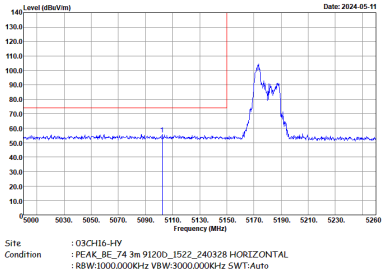
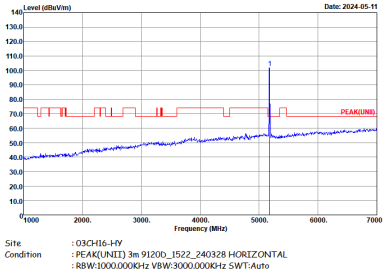
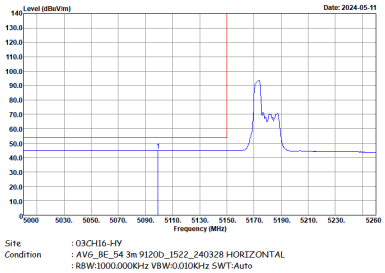
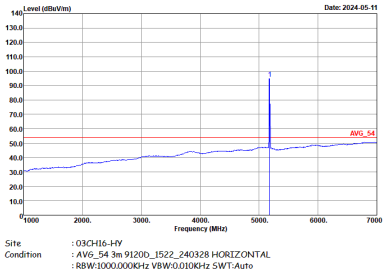
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

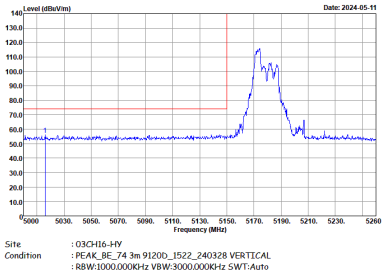
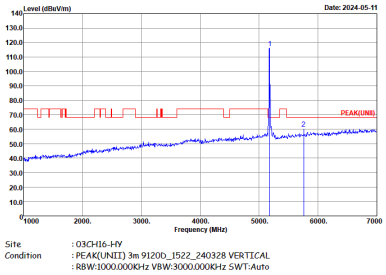
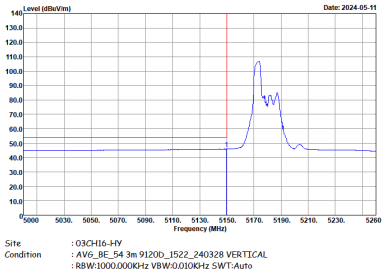
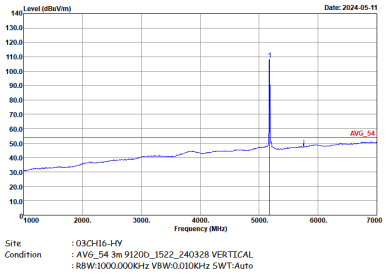
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
8+9	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
8+9	Vertical	Fundamental
Peak		
Avg.		

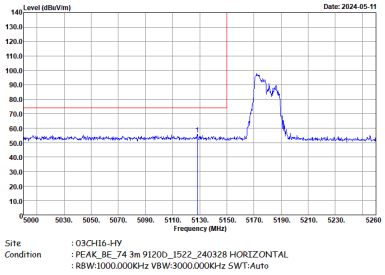
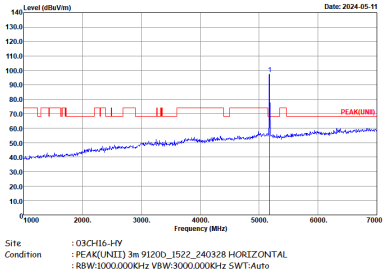
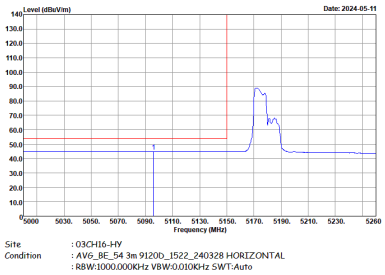
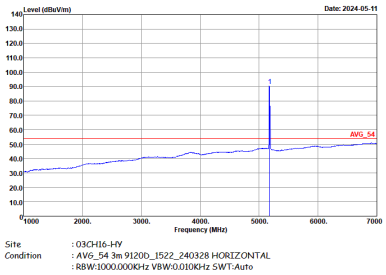
Band 1 5150~5250MHz

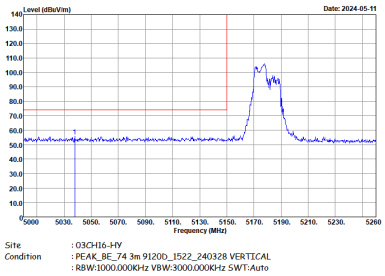
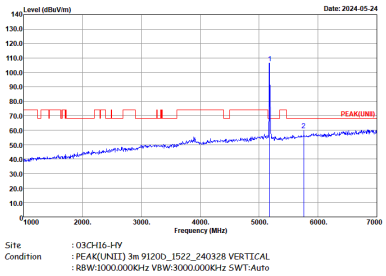
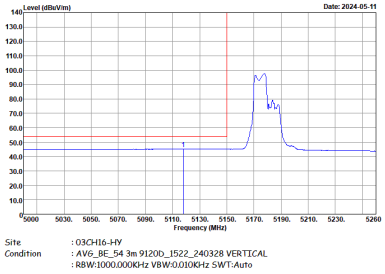
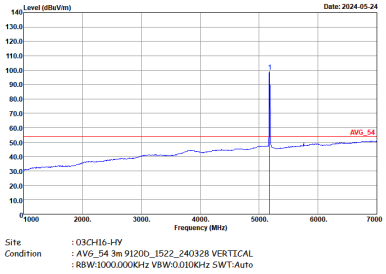
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
8+9	Horizontal	Fundamental
Peak		
Avg.		

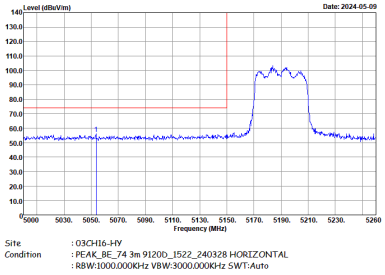
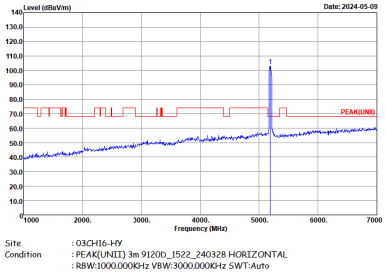
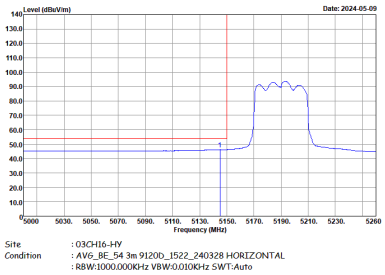
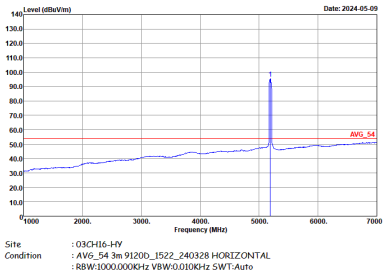
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
8+9	Vertical	Fundamental
Peak		
Avg.		

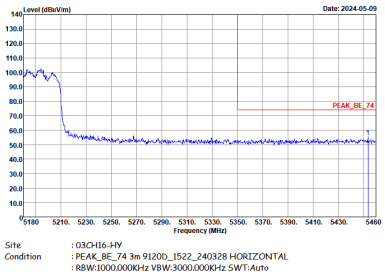
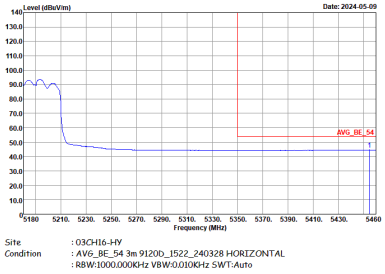
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

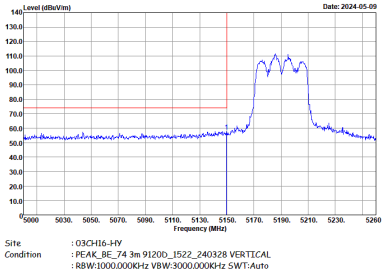
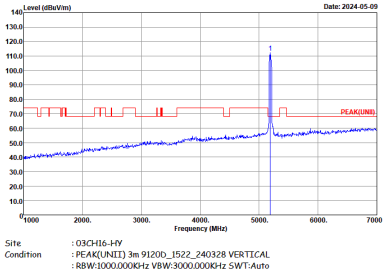
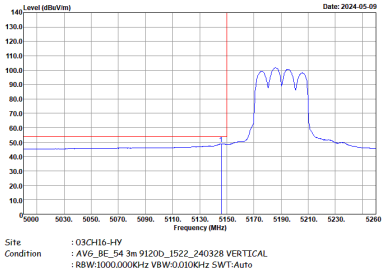
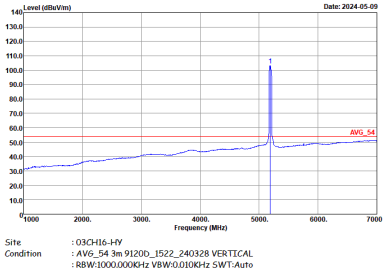
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
8+9	Horizontal	Fundamental
Peak		
Avg.		

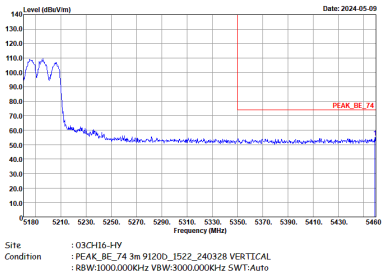
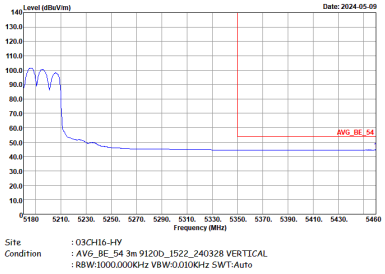
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
8+9	Vertical	Fundamental
Peak		
Avg.		

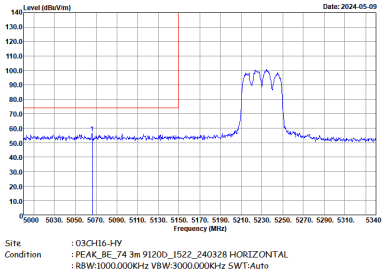
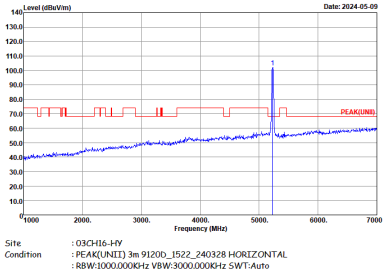
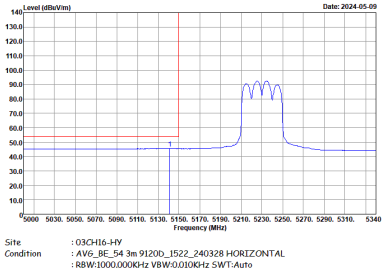
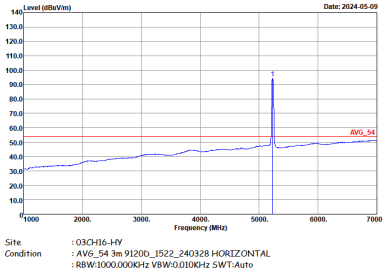
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

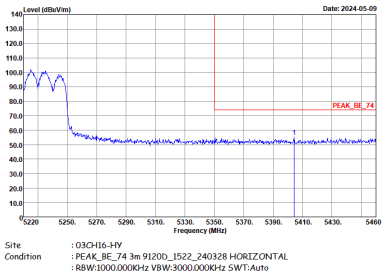
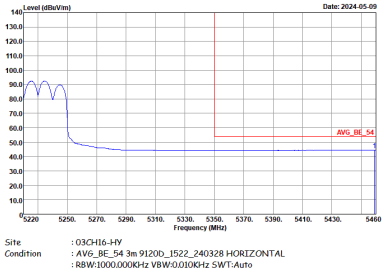
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

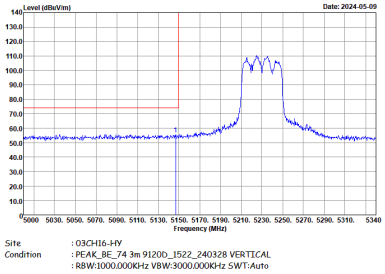
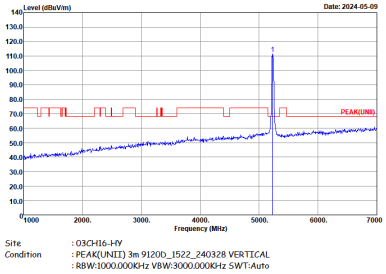
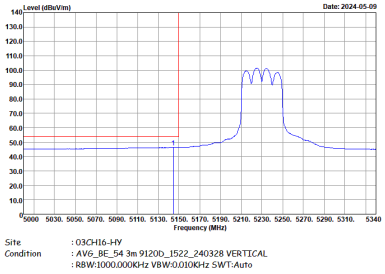
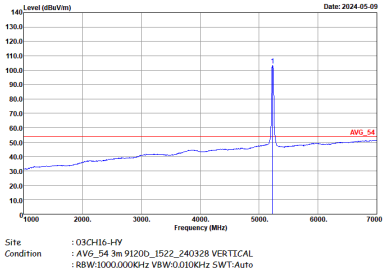
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

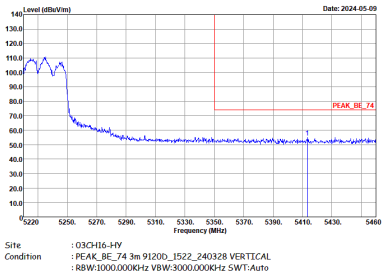
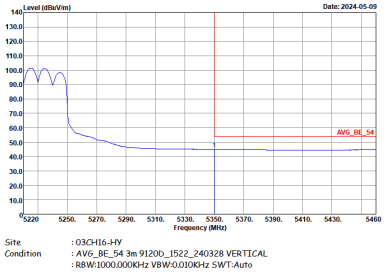
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

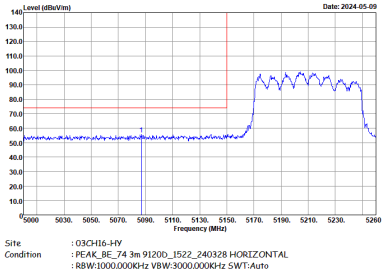
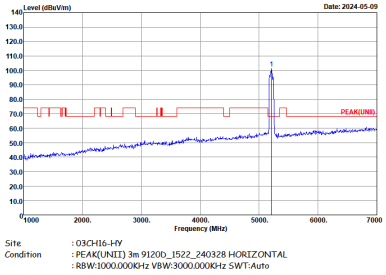
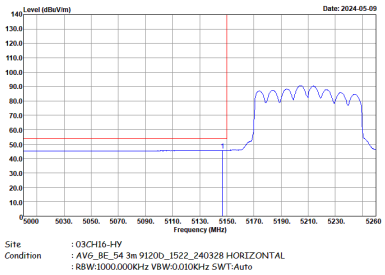
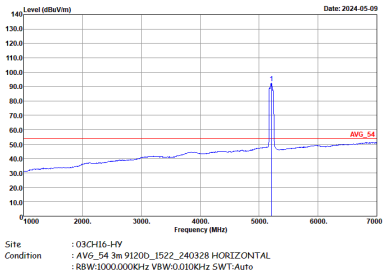
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

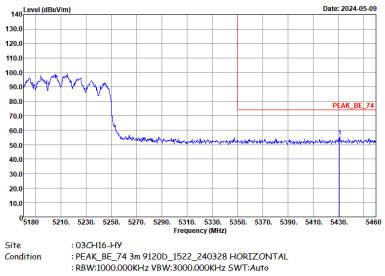
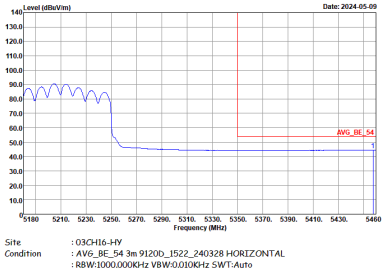
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

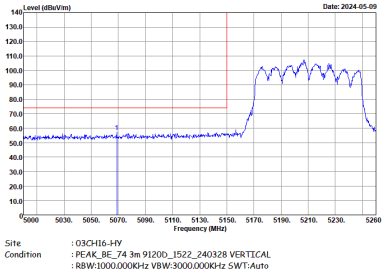
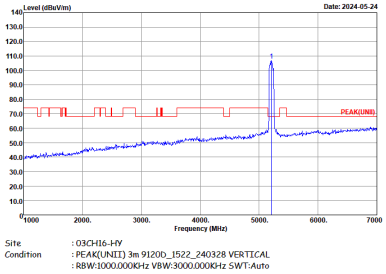
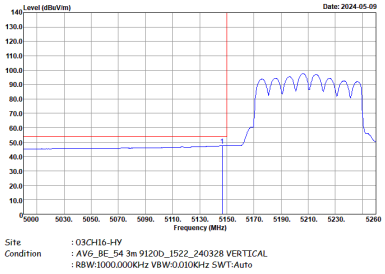
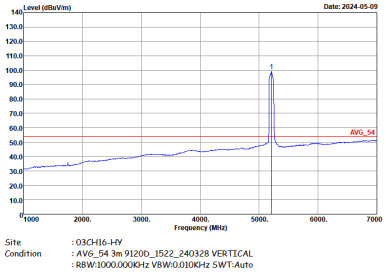
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

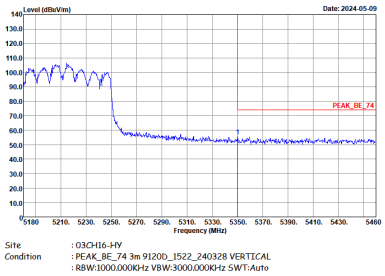
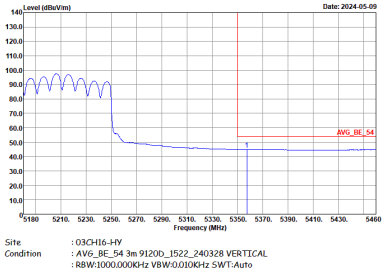
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

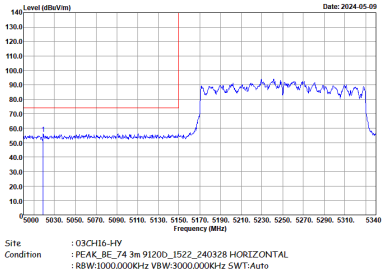
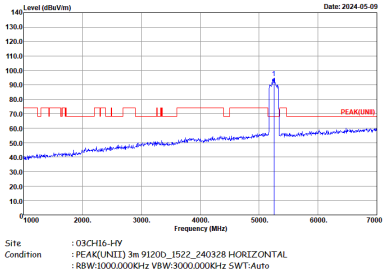
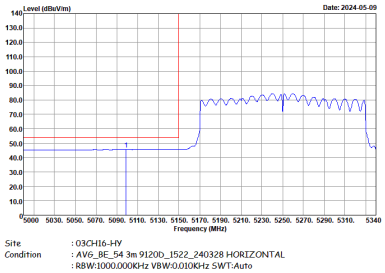
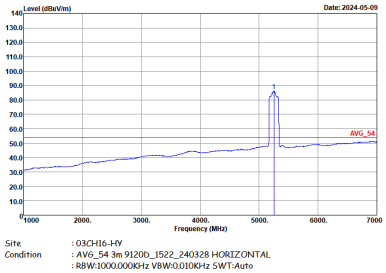
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

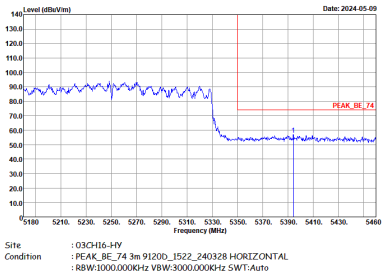
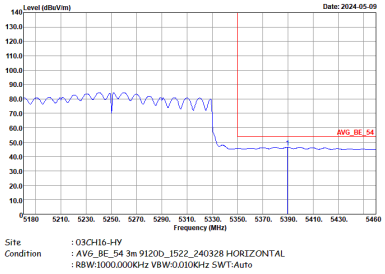
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

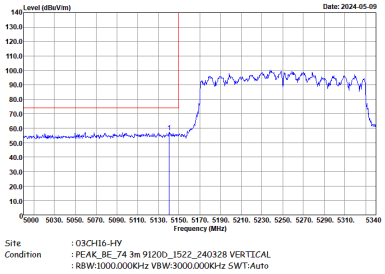
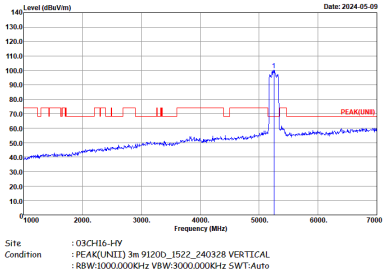
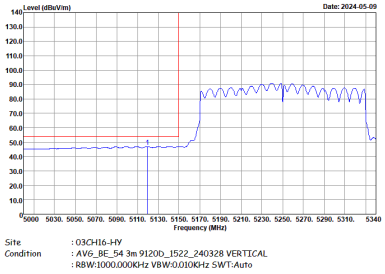
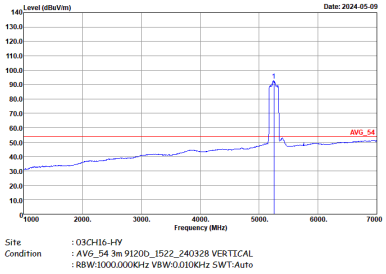
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

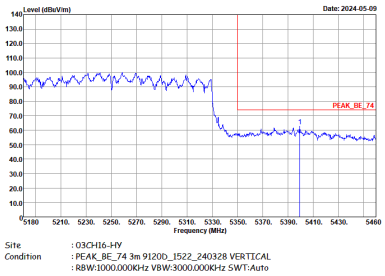
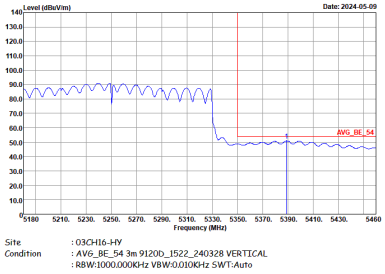
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

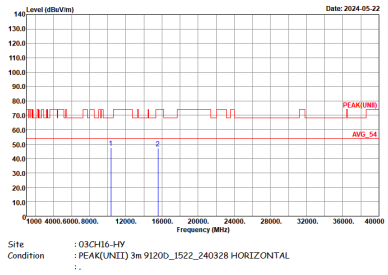
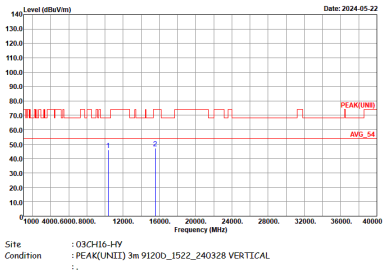
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

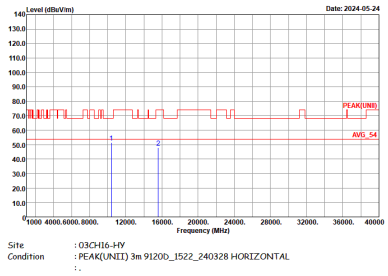
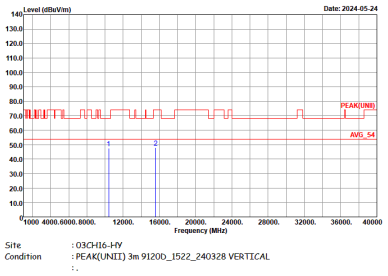
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

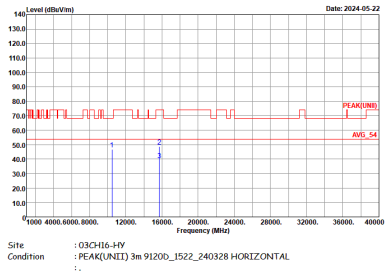
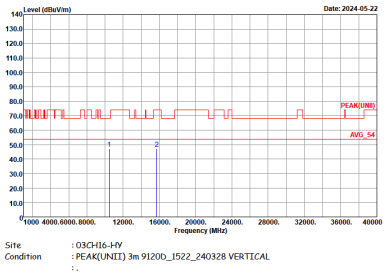
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

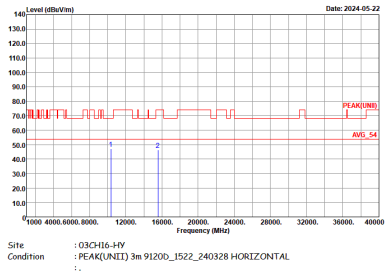
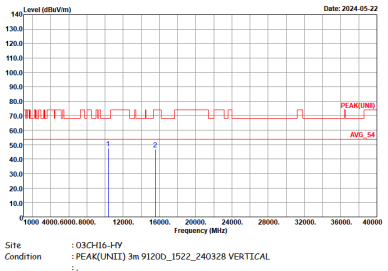
WIFI 802.11a (Harmonic @ 3m)

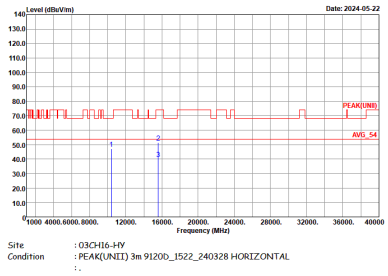
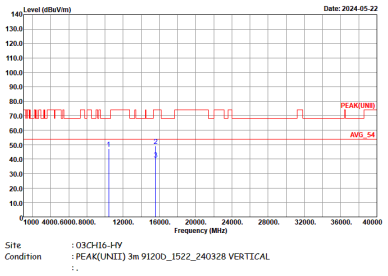
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
8+9	Horizontal	Vertical
Peak Avg.		

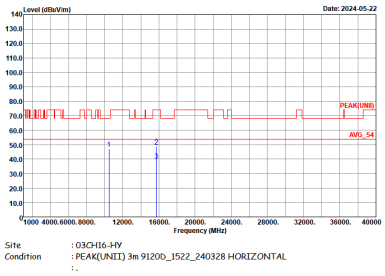
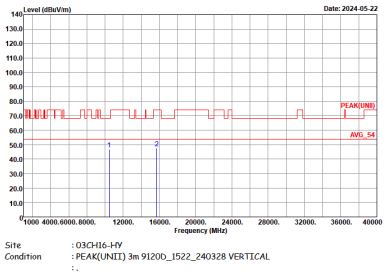
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
8+9	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
8+9	Horizontal	Vertical
Peak Avg.		

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

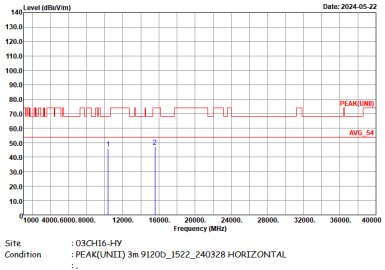
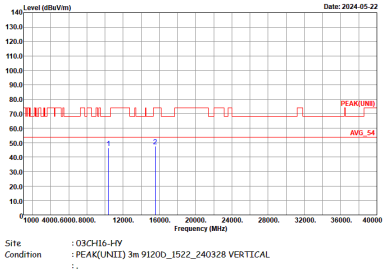
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
8+9	Horizontal	Vertical
Peak Avg.		

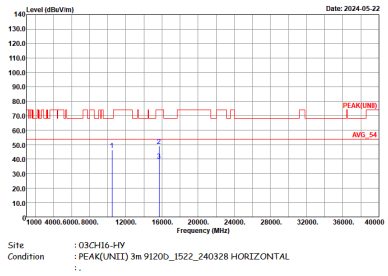
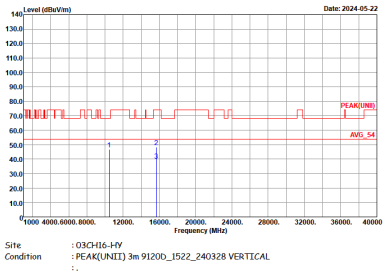
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
8+9	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
8+9	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

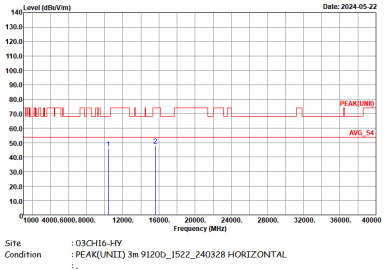
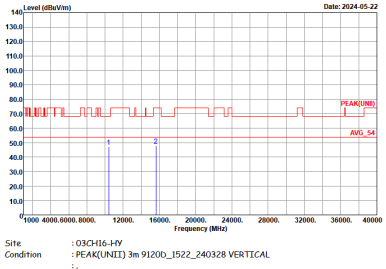
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
8+9	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
8+9	Horizontal	Vertical
Peak Avg.		

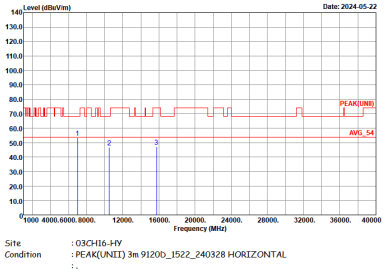
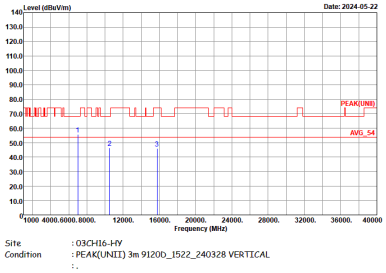
Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
8+9	Horizontal	Vertical
Peak Avg.		

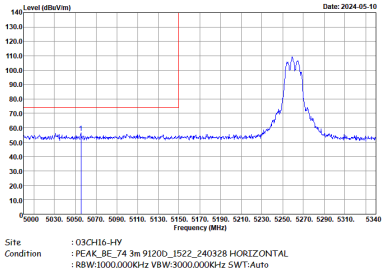
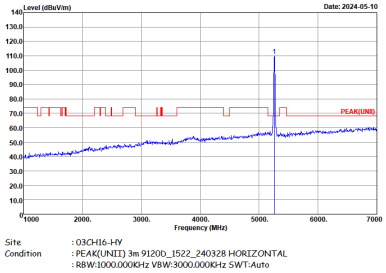
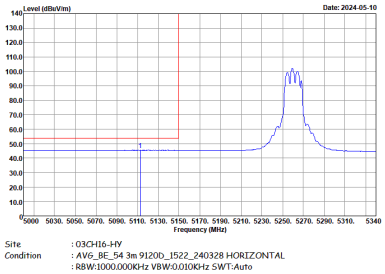
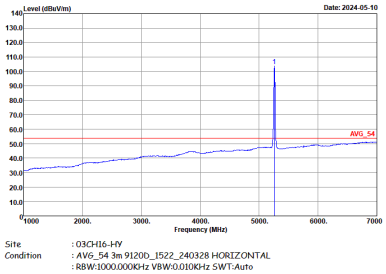
Band 1 5150~5250MHz

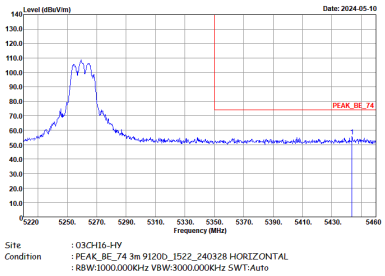
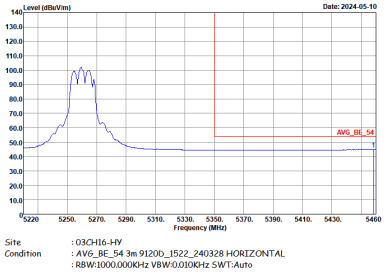
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

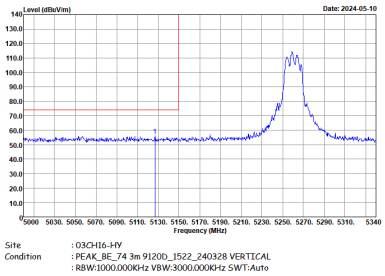
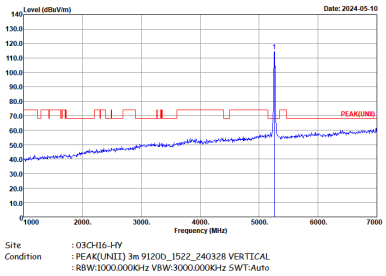
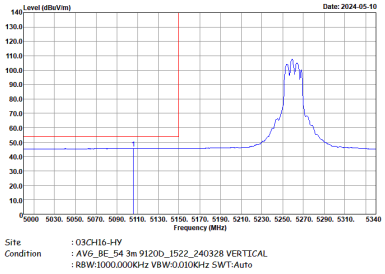
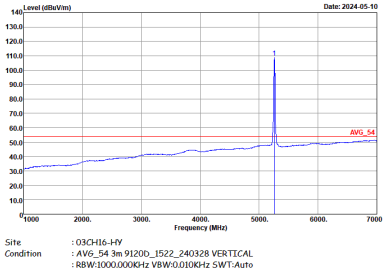
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
8+9	Horizontal	Vertical
Peak Avg.		

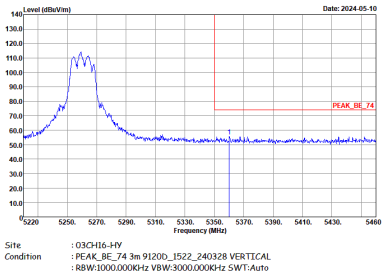
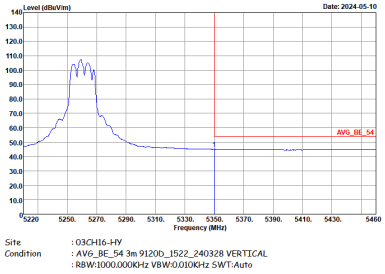
Band 2 - 5250~5350MHz

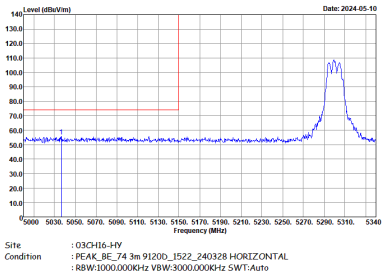
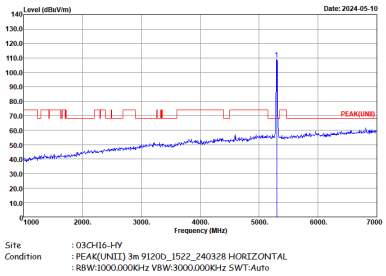
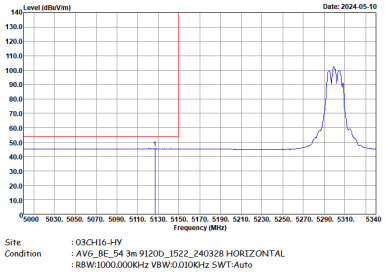
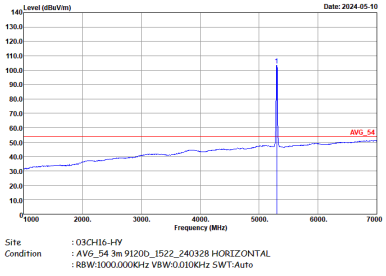
WIFI 802.11a (Band Edge @ 3m)

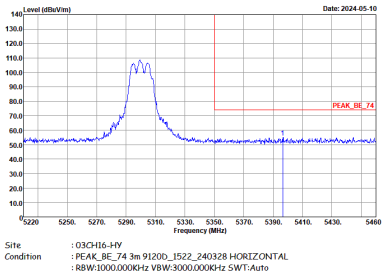
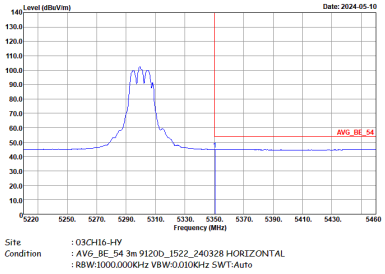
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

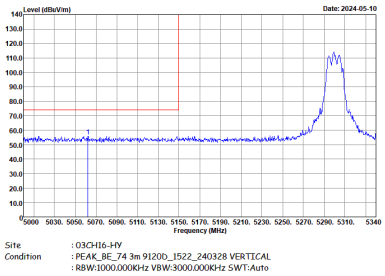
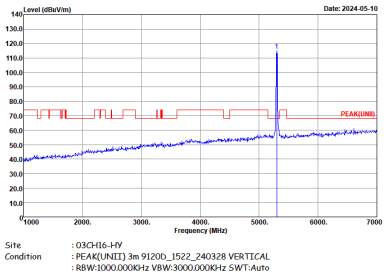
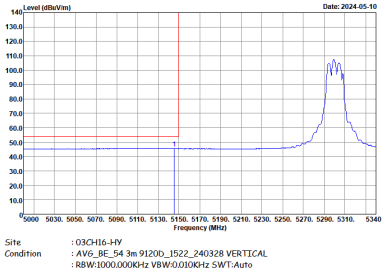
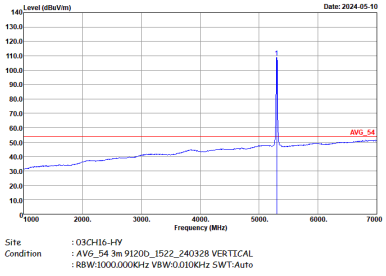
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

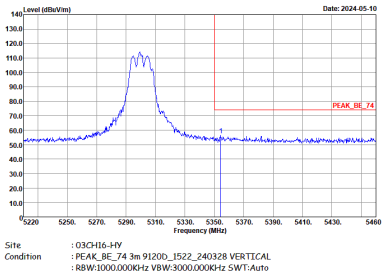
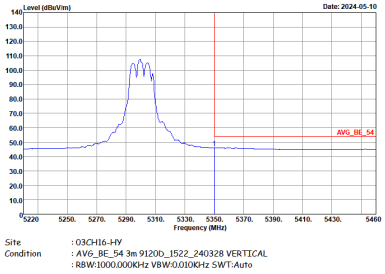
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

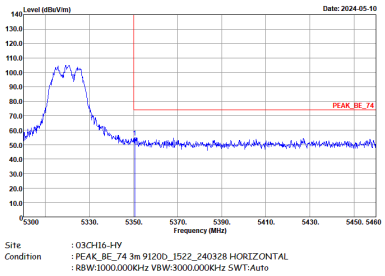
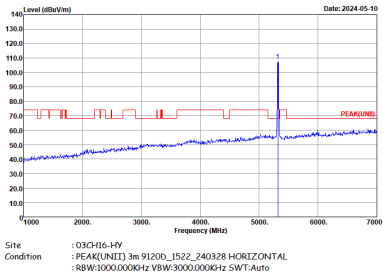
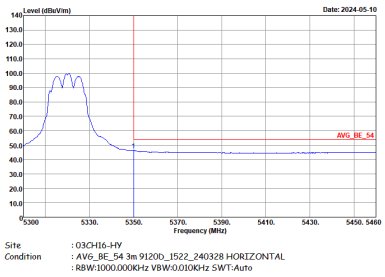
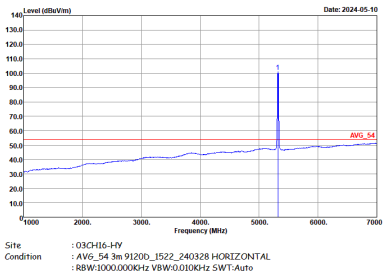
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

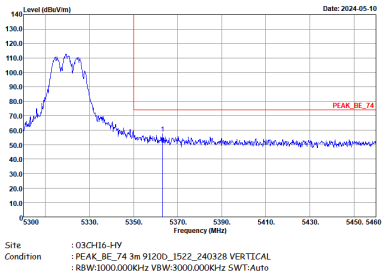
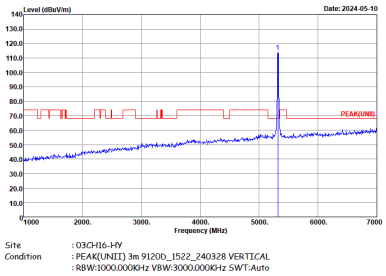
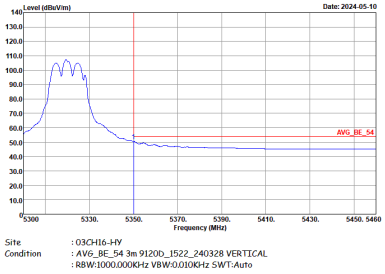
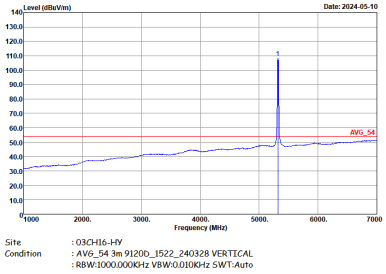
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

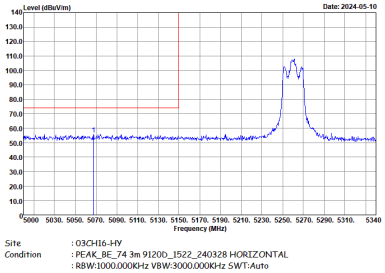
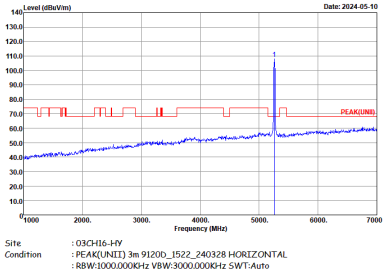
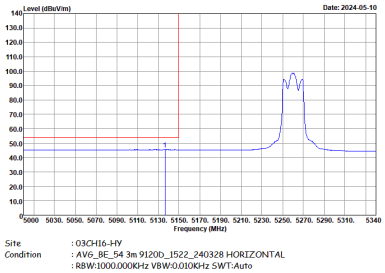
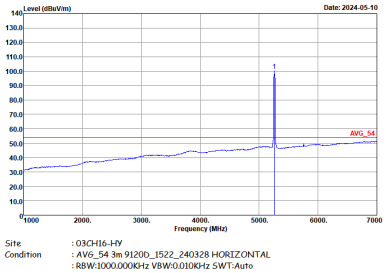
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

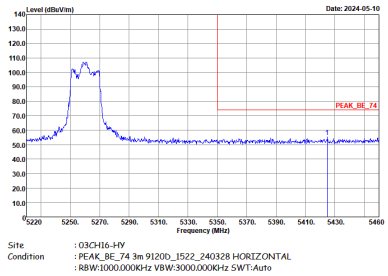
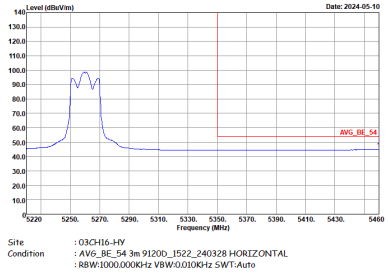
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

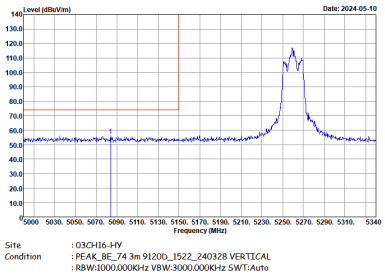
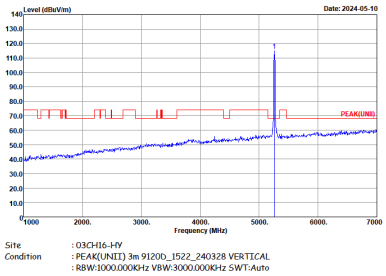
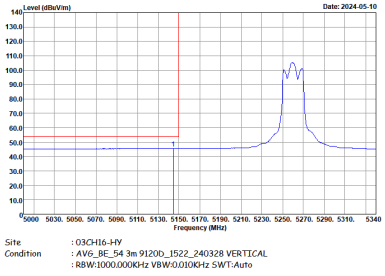
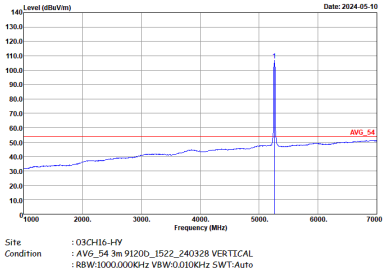
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
8+9	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522_240328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522_240328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522_240328 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522_240328 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

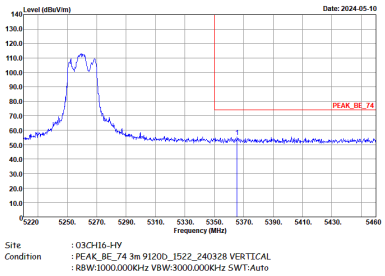
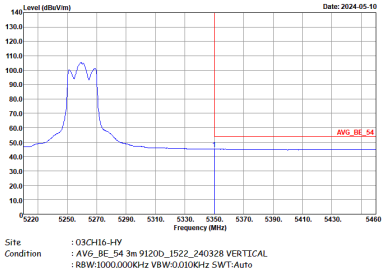
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
8+9	Vertical	Fundamental
Peak		
Avg.		

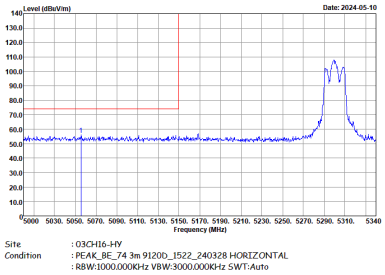
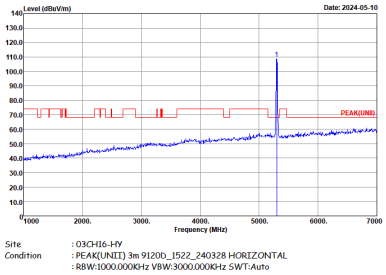
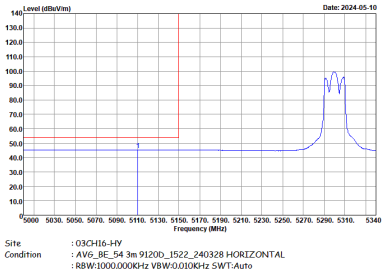
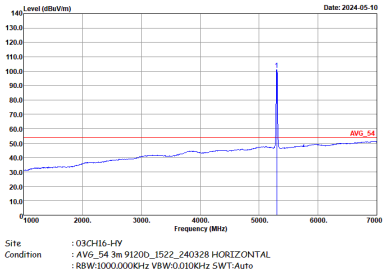
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

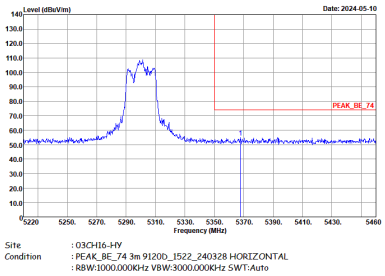
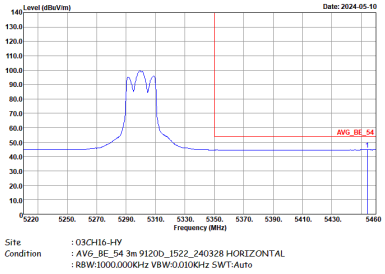
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
8+9	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
8+9	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
8+9	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
8+9	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank