FCC RADIO TEST REPORT

FCC ID	:	HLZA24002
Equipment	:	Tablet PC
Brand Name	:	acer
Model Name	:	A24002
Marketing Name	:	Acer Iconia Tab A8 ,A8-11
Applicant	:	Acer Incorporated 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22181, Taiwan (R.O.C)
Manufacturer	:	Acer Incorporated 8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 22181, Taiwan (R.O.C)
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on Mar. 27, 2024 and testing was performed from Apr. 23, 2024 to Jun. 03, 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

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

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History of this test report

Report No.	Version	Description	Issue Date
FR432784D	01	Initial issue of report	May 31, 2023
FR432784D	02	Revise List of Measuring Equipment, Appendix A and Appendix D This report is an updated version, replacing the report issued on May 31, 2023.	Jun. 04, 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	2.88 dB under the limit at 5725.88 MHz
3.5	15.207	AC Conducted Emission	Pass	9.67 dB under the limit at 0.58 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Lewis Ho

Report Producer: Michelle Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax and Wi-Fi 5GHz 802.11a/n/ac/ax. **Antenna Type** WLAN: FPC Antenna Bluetooth: FPC Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	3.27
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	2.22
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	3.38

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, CO07-HY, 03CH22-HY

Note: The test site complies with ANSI C63.4 2014 requirement.
FCC designation No.: TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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

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

Note:

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

2.2 Test Mode

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

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

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

Test Cases	
AC Conducted Emission	Mode 1 ： Bluetooth Link + WLAN (5GHz) Link + MPEG4 + Earphone + USB Cable (Charging from AC Adapter)

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

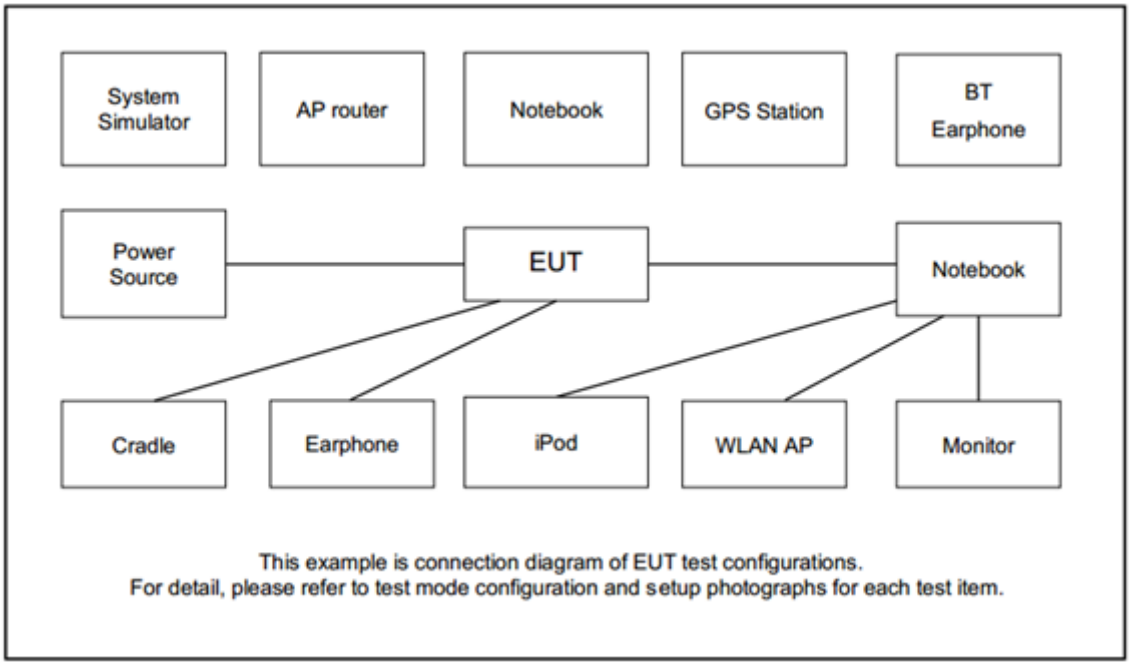
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Earphone + Mic	Samsung	Ecouteur	N/A	Unshielded, 1.8 m	N/A
5.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “adb command 1.0.36” was installed in EUT which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.
Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

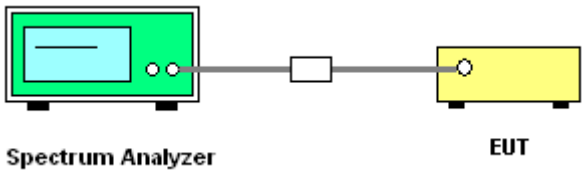
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

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

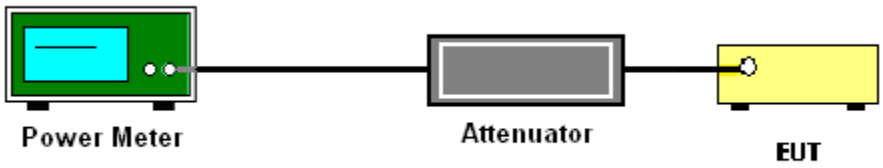
3.2.3 Test Procedures

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.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

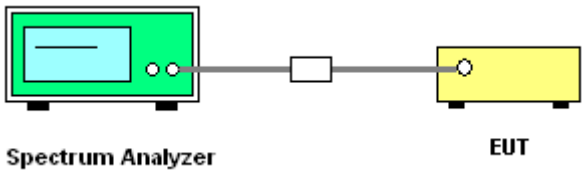
 # Method SA-2 #

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

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

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 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

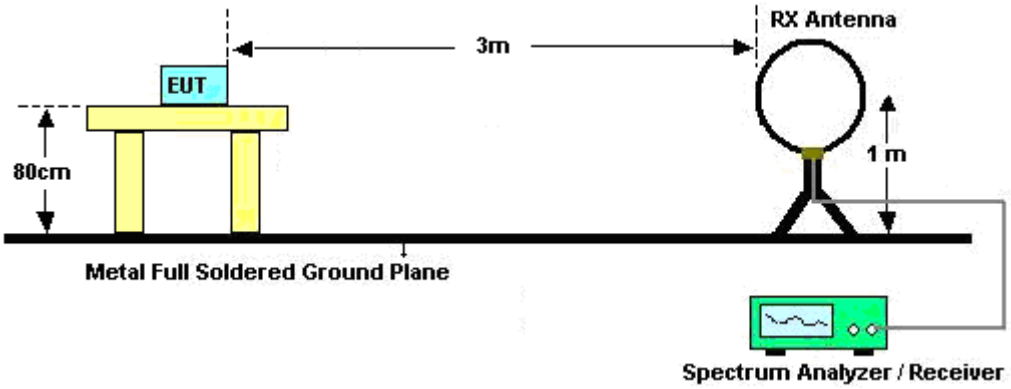
(2) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

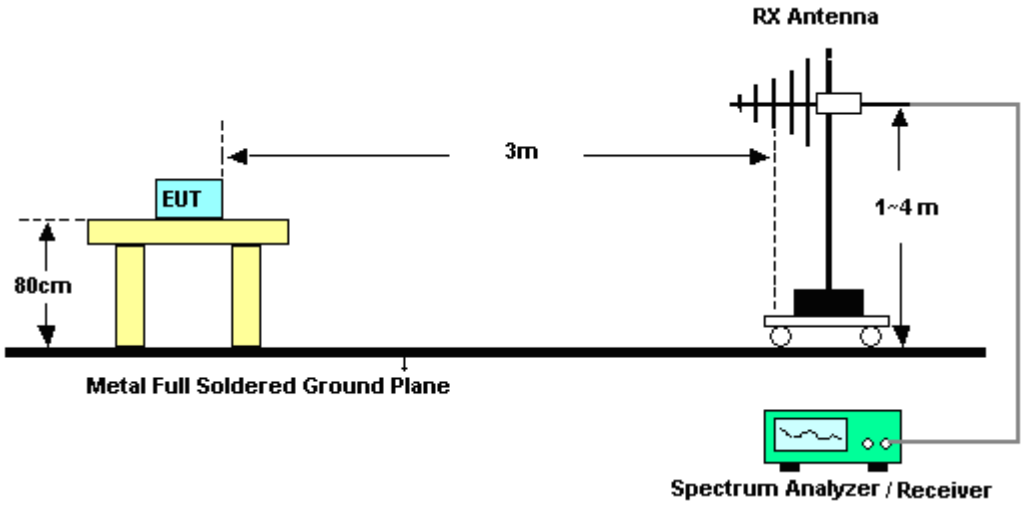
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

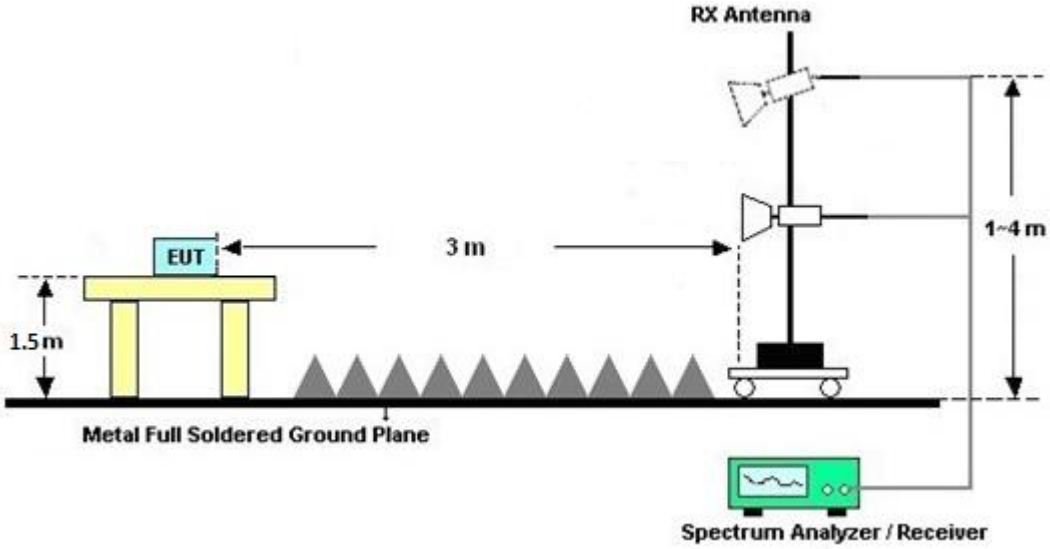
For radiated emissions below 30MHz



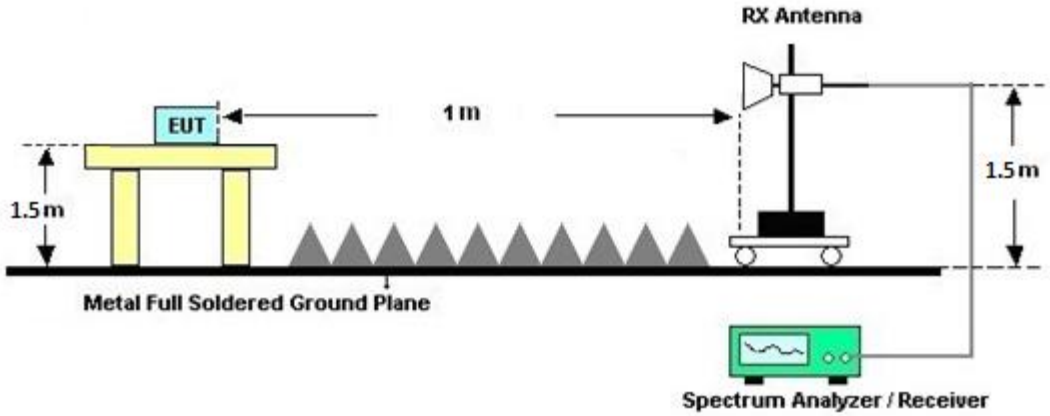
For radiated emissions from 30MHz to 1GHz



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.

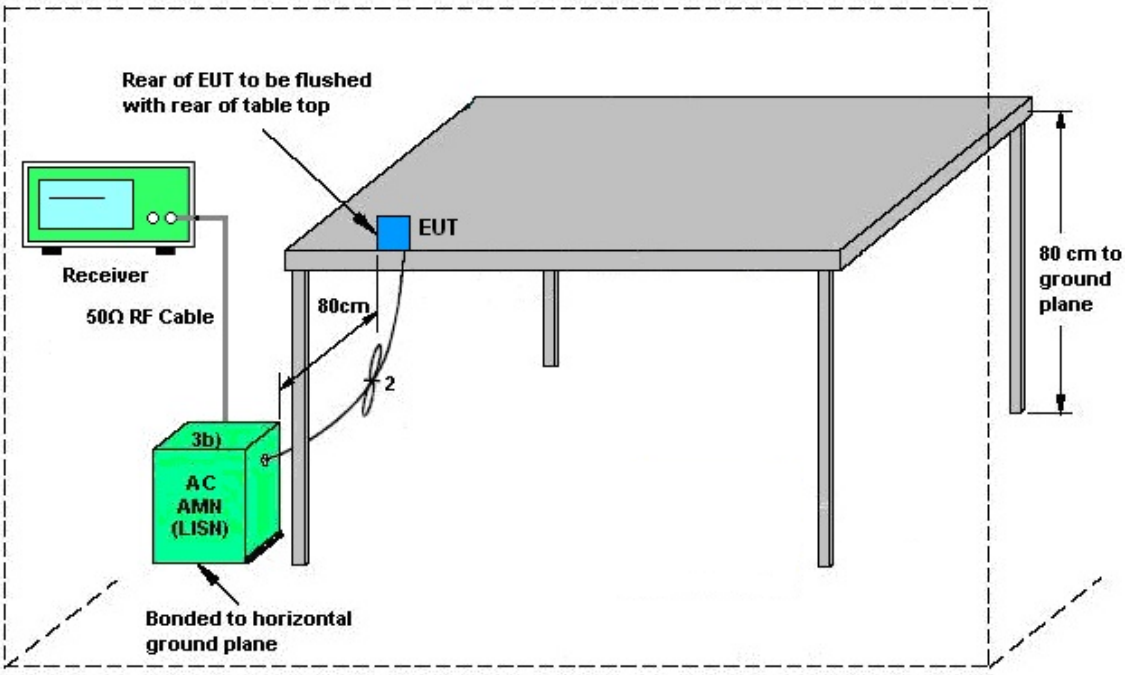
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9kHz~30MHz	Feb. 23, 2024	May 02, 2024~ May 25, 2024	Feb. 22, 2025	Radiation (03CH22-HY)
Bilog Antenna with 6dB	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Oct. 15, 2023	May 02, 2024~ May 25, 2024	Oct. 14, 2024	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 15, 2023	May 02, 2024~ May 25, 2024	Jul. 14, 2024	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18EN	1GHz~18GHz	Jul. 12, 2023	May 02, 2024~ May 25, 2024	Jul. 11, 2024	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz-40GHz	Jul. 10, 2023	May 02, 2024~ May 25, 2024	Jul. 09, 2024	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	May 02, 2024~ May 25, 2024	Sep. 27, 2024	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060801	18-40GHz	Jun. 27, 2023	May 02, 2024~ May 25, 2024	Jun. 26, 2024	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY60241058	10Hz~44GHz	Jul. 06, 2023	May 02, 2024~ May 25, 2024	Jul. 05, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211469	N/A	Jan. 03, 2024	May 02, 2024~ May 25, 2024	Jan. 02, 2025	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May 02, 2024~ May 25, 2024	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 02, 2024~ May 25, 2024	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 02, 2024~ May 25, 2024	N/A	Radiation (03CH22-HY)
Software	Audix	E3 6.09824_20191 22	RK-002347	N/A	N/A	May 02, 2024~ May 25, 2024	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	May 02, 2024~ May 25, 2024	Mar. 05, 2025	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804390/2,8046 11/2,804615/2	N/A	Oct. 24, 2023	May 02, 2024~ May 25, 2024	Oct. 23, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	May 02, 2024~ Jun. 03, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36 (NO:35_ 144)	10MHz~6GHz	Aug. 23, 2023	May 02, 2024~ Jun. 03, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Jan. 24, 2024	May 02, 2024~ Jun. 03, 2024	Jan. 23, 2025	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Apr. 23, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 23, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	Apr. 23, 2024	Oct. 19, 2024	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	Apr. 23, 2024	Mar. 13, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Apr. 23, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Apr. 23, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Apr. 23, 2024	Sep. 19, 2024	Conduction (CO07-HY)

5 Measurement Uncertainty

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.50 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.50 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.50 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.40 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiming Liu and Junyu Jhou	Temperature:	21~25	°C
Test Date:	2024/5/2~2024/6/3	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-		
11a	6Mbps	1	36	5180	17.39	-	26.38	-	-		22.40	-		
11a	6Mbps	1	44	5220	17.28	-	25.66	-	-		22.37	-		
11a	6Mbps	1	48	5240	17.31	-	26.71	-	-		22.38	-		
HT20	MCS0	1	36	5180	18.38	-	27.34	-	-		22.64	-		
HT20	MCS0	1	44	5220	18.47	-	27.69	-	-		22.66	-	-	
HT20	MCS0	1	48	5240	18.40	-	26.84	-	-		22.65	-		
HT40	MCS0	1	38	5190	37.47	-	49.55	-	-		23.01	-		
HT40	MCS0	1	46	5230	37.57	-	49.52	-	-		23.01	-		
VHT80	MCS0	1	42	5210	75.99	-	88.32	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	-	SUM	Ant 1	-	Ant 1	-		
11a	6Mbps	1	36	5180	11.70	-	-	24.00	-	3.27	-	-	Pass
11a	6Mbps	1	44	5220	11.80	-		24.00	-	3.27	-		Pass
11a	6Mbps	1	48	5240	11.90	-		24.00	-	3.27	-		Pass
HT20	MCS0	1	36	5180	11.70	-		24.00	-	3.27	-		Pass
HT20	MCS0	1	44	5220	11.70	-		24.00	-	3.27	-		Pass
HT20	MCS0	1	48	5240	11.90	-		24.00	-	3.27	-		Pass
HT40	MCS0	1	38	5190	11.70	-		24.00	-	3.27	-		Pass
HT40	MCS0	1	46	5230	11.80	-		24.00	-	3.27	-		Pass
VHT20	MCS0	1	36	5180	11.60	-		24.00	-	3.27	-		Pass
VHT20	MCS0	1	44	5220	11.60	-		24.00	-	3.27	-		Pass
VHT20	MCS0	1	48	5240	11.80	-		24.00	-	3.27	-		Pass
VHT40	MCS0	1	38	5190	11.60	-		24.00	-	3.27	-		Pass
VHT40	MCS0	1	46	5230	11.70	-		24.00	-	3.27	-		Pass
VHT80	MCS0	1	42	5210	11.50	-		24.00	-	3.27	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	-	Ant 1	-	SUM	Ant 1	-	Ant 1	-		
11a	6Mbps	1	36	5180	0.19	-	0.31	-		11.00	-	3.27	-		Pass
11a	6Mbps	1	44	5220	0.19	-	0.58	-		11.00	-	3.27	-		Pass
11a	6Mbps	1	48	5240	0.19	-	0.59	-		11.00	-	3.27	-		Pass
HT20	MCS0	1	36	5180	0.12	-	0.04	-		11.00	-	3.27	-		Pass
HT20	MCS0	1	44	5220	0.12	-	0.06	-	-	11.00	-	3.27	-	-	Pass
HT20	MCS0	1	48	5240	0.12	-	0.17	-		11.00	-	3.27	-		Pass
HT40	MCS0	1	38	5190	0.19	-	-2.95	-		11.00	-	3.27	-		Pass
HT40	MCS0	1	46	5230	0.19	-	-2.86	-		11.00	-	3.27	-		Pass
VHT80	MCS0	1	42	5210	0.39	-	-6.18	-		11.00	-	3.27	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	
11a	6Mbps	1	52	5260	17.25	-	25.99	-	23.37	-	29.37	-	23.98	-	
11a	6Mbps	1	60	5300	17.32	-	26.77	-	23.39	-	29.39	-	23.98	-	
11a	6Mbps	1	64	5320	17.27	-	26.38	-	23.37	-	29.37	-	23.98	-	
HT20	MCS0	1	52	5260	18.40	-	26.86	-	23.65	-	29.65	-	23.98	-	
HT20	MCS0	1	60	5300	18.44	-	27.42	-	23.66	-	29.66	-	23.98	-	-
HT20	MCS0	1	64	5320	18.43	-	27.11	-	23.65	-	29.65	-	23.98	-	
HT40	MCS0	1	54	5270	37.43	-	48.88	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	37.54	-	49.74	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	76.20	-	88.35	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	-	SUM	Ant 1	-	Ant 1	-		
11a	6Mbps	1	52	5260	11.00	-		23.98	-	2.22	-	26.99	Pass
11a	6Mbps	1	60	5300	11.50	-		23.98	-	2.22	-	26.99	Pass
11a	6Mbps	1	64	5320	11.50	-		23.98	-	2.22	-	26.99	Pass
HT20	MCS0	1	52	5260	11.90	-		23.98	-	2.22	-	26.99	Pass
HT20	MCS0	1	60	5300	11.40	-		23.98	-	2.22	-	26.99	Pass
HT20	MCS0	1	64	5320	11.80	-		23.98	-	2.22	-	26.99	Pass
HT40	MCS0	1	54	5270	11.90	-		23.98	-	2.22	-	26.99	Pass
HT40	MCS0	1	62	5310	11.70	-	-	23.98	-	2.22	-	26.99	Pass
VHT20	MCS0	1	52	5260	11.80	-		23.98	-	2.22	-	26.99	Pass
VHT20	MCS0	1	60	5300	11.30	-		23.98	-	2.22	-	26.99	Pass
VHT20	MCS0	1	64	5320	11.70	-		23.98	-	2.22	-	26.99	Pass
VHT40	MCS0	1	54	5270	11.00	-		23.98	-	2.22	-	26.99	Pass
VHT40	MCS0	1	62	5310	11.60	-		23.98	-	2.22	-	26.99	Pass
VHT80	MCS0	1	58	5290	11.50	-		23.98	-	2.22	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	-	Ant 1	-	SUM	Ant 1	-	Ant 1	-		
11a	6Mbps	1	52	5260	0.19	-	-0.02	-		11.00	-	2.22	-		Pass
11a	6Mbps	1	60	5300	0.19	-	-0.02	-		11.00	-	2.22	-		Pass
11a	6Mbps	1	64	5320	0.19	-	0.55	-		11.00	-	2.22	-		Pass
HT20	MCS0	1	52	5260	0.12	-	0.52	-		11.00	-	2.22	-		Pass
HT20	MCS0	1	60	5300	0.12	-	-0.51	-	-	11.00	-	2.22	-	-	Pass
HT20	MCS0	1	64	5320	0.12	-	0.08	-		11.00	-	2.22	-		Pass
HT40	MCS0	1	54	5270	0.19	-	-2.39	-		11.00	-	2.22	-		Pass
HT40	MCS0	1	62	5310	0.19	-	-3.67	-		11.00	-	2.22	-		Pass
VHT80	MCS0	1	58	5290	0.39	-	-7.03	-		11.00	-	2.22	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-
11a	6Mbps	1	100	5500	17.61	-	27.75	-	23.46	-	29.46	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.54	-	26.90	-	23.44	-	29.44	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.59	-	26.65	-	23.45	-	29.45	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.63	-	28.10	-	23.70	-	29.70	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.65	-	27.94	-	23.71	-	29.71	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.68	-	28.05	-	23.71	-	29.71	-	23.98	-	----	----
HT40	MCS0	1	102	5510	37.95	-	49.87	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	37.90	-	49.38	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	37.98	-	50.82	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	76.59	-	89.79	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	-	SUM	Ant 1	-	Ant 1	-		
11a	6Mbps	1	100	5500	13.30	-	-	23.98	-	3.38	-	26.99	Pass
11a	6Mbps	1	116	5580	13.70	-		23.98	-	3.38	-	26.99	Pass
11a	6Mbps	1	140	5700	13.40	-		23.98	-	3.38	-	26.99	Pass
HT20	MCS0	1	100	5500	13.40	-		23.98	-	3.38	-	26.99	Pass
HT20	MCS0	1	116	5580	13.70	-		23.98	-	3.38	-	26.99	Pass
HT20	MCS0	1	140	5700	13.50	-		23.98	-	3.38	-	26.99	Pass
HT40	MCS0	1	102	5510	12.60	-		23.98	-	3.38	-	26.99	Pass
HT40	MCS0	1	110	5550	13.70	-		23.98	-	3.38	-	26.99	Pass
HT40	MCS0	1	134	5670	13.30	-		23.98	-	3.38	-	26.99	Pass
VHT20	MCS0	1	100	5500	13.30	-		23.98	-	3.38	-	26.99	Pass
VHT20	MCS0	1	116	5580	13.60	-		23.98	-	3.38	-	26.99	Pass
VHT20	MCS0	1	140	5700	13.40	-		23.98	-	3.38	-	26.99	Pass
VHT40	MCS0	1	102	5510	12.50	-		23.98	-	3.38	-	26.99	Pass
VHT40	MCS0	1	110	5550	13.60	-		23.98	-	3.38	-	26.99	Pass
VHT40	MCS0	1	134	5670	13.20	-		23.98	-	3.38	-	26.99	Pass
VHT80	MCS0	1	106	5530	12.80	-		23.98	-	3.38	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	-	Ant 1	-	SUM	Ant 1	-	Ant 1	-		
11a	6Mbps	1	100	5500	0.19	-	1.25	-		11.00	-	3.38	-		Pass
11a	6Mbps	1	116	5580	0.19	-	1.66	-		11.00	-	3.38	-		Pass
11a	6Mbps	1	140	5700	0.19	-	1.48	-		11.00	-	3.38	-		Pass
HT20	MCS0	1	100	5500	0.12	-	0.62	-		11.00	-	3.38	-		Pass
HT20	MCS0	1	116	5580	0.12	-	1.33	-		11.00	-	3.38	-		Pass
HT20	MCS0	1	140	5700	0.12	-	1.13	-	-	11.00	-	3.38	-	-	Pass
HT40	MCS0	1	102	5510	0.19	-	-2.75	-		11.00	-	3.38	-		Pass
HT40	MCS0	1	110	5550	0.19	-	-1.52	-		11.00	-	3.38	-		Pass
HT40	MCS0	1	134	5670	0.19	-	-1.85	-		11.00	-	3.38	-		Pass
VHT80	MCS0	1	106	5530	0.39	-	-4.82	-		11.00	-	3.38	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-		
HE20	MCS0	1	36	5180	Full	19.29	-	25.66	-	-		22.85	-	-	-
HE20	MCS0	1	44	5220	Full	19.38	-	25.74	-	-		22.87	-		
HE20	MCS0	1	48	5240	Full	19.37	-	27.10	-	-		22.87	-		
HE40	MCS0	1	38	5190	Full	38.60	-	49.41	-	-		23.01	-		
HE40	MCS0	1	46	5230	Full	38.89	-	53.34	-	-		23.01	-		
HE80	MCS0	1	42	5210	Full	77.55	-	87.30	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	-	SUM	Ant 1	-	Ant 1	-		
HE20	MCS0	1	36	5180	Full	11.60	-	-	24.00	-	3.27	-	-	Pass
HE20	MCS0	1	44	5220	Full	11.60	-		24.00	-	3.27	-		Pass
HE20	MCS0	1	48	5240	Full	11.80	-		24.00	-	3.27	-		Pass
HE40	MCS0	1	38	5190	Full	11.60	-		24.00	-	3.27	-		Pass
HE40	MCS0	1	46	5230	Full	11.70	-		24.00	-	3.27	-		Pass
HE80	MCS0	1	42	5210	Full	11.40	-		24.00	-	3.27	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	-	Ant 1	-	SUM	Ant 1	-	Ant 1	-		
HE20	MCS0	1	36	5180	Full	0.26	-	-0.03	-		11.00	-	3.27	-		Pass
HE20	MCS0	1	44	5220	Full	0.26	-	-0.36	-		11.00	-	3.27	-		Pass
HE20	MCS0	1	48	5240	Full	0.26	-	-0.04	-		11.00	-	3.27	-		Pass
HE40	MCS0	1	38	5190	Full	0.45	-	-3.10	-	-	11.00	-	3.27	-	-	Pass
HE40	MCS0	1	46	5230	Full	0.45	-	-3.26	-		11.00	-	3.27	-		Pass
HE80	MCS0	1	42	5210	Full	0.90	-	-6.02	-		11.00	-	3.27	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	
HE20	MCS0	1	52	5260	Full	19.34	-	26.25	-	23.86	-	29.86	-	23.98	-	
HE20	MCS0	1	60	5300	Full	19.34	-	27.15	-	23.86	-	29.86	-	23.98	-	
HE20	MCS0	1	64	5320	Full	19.37	-	26.54	-	23.87	-	29.87	-	23.98	-	
HE40	MCS0	1	54	5270	Full	38.71	-	50.59	-	23.98	-	30.00	-	23.98	-	
HE40	MCS0	1	62	5310	Full	38.47	-	47.50	-	23.98	-	30.00	-	23.98	-	
HE80	MCS0	1	58	5290	Full	77.52	-	86.72	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	-	SUM	Ant 1	-	Ant 1	-		
HE20	MCS0	1	52	5260	Full	11.80	-	-	23.98	-	2.22	-	26.99	Pass
HE20	MCS0	1	60	5300	Full	11.30	-		23.98	-	2.22	-	26.99	Pass
HE20	MCS0	1	64	5320	Full	11.70	-		23.98	-	2.22	-	26.99	Pass
HE40	MCS0	1	54	5270	Full	11.80	-		23.98	-	2.22	-	26.99	Pass
HE40	MCS0	1	62	5310	Full	11.60	-		23.98	-	2.22	-	26.99	Pass
HE80	MCS0	1	58	5290	Full	11.40	-		23.98	-	2.22	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	-	Ant 1	-	SUM	Ant 1	-	Ant 1	-		
HE20	MCS0	1	52	5260	Full	0.26	-	0.20	-		11.00	-	2.22	-		Pass
HE20	MCS0	1	60	5300	Full	0.26	-	-0.50	-		11.00	-	2.22	-		Pass
HE20	MCS0	1	64	5320	Full	0.26	-	-0.14	-		11.00	-	2.22	-		Pass
HE40	MCS0	1	54	5270	Full	0.45	-	-2.93	-	-	11.00	-	2.22	-	-	Pass
HE40	MCS0	1	62	5310	Full	0.45	-	-3.24	-		11.00	-	2.22	-		Pass
HE80	MCS0	1	58	5290	Full	0.90	-	-6.33	-		11.00	-	2.22	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-	Ant 1	-
HE20	MCS0	1	100	5500	Full	19.49	-	27.19	-	23.90	-	29.90	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	19.53	-	27.83	-	23.91	-	29.91	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	19.49	-	28.28	-	23.90	-	29.90	-	23.98	-	----	----
HE40	MCS0	1	102	5510	Full	39.19	-	49.20	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	110	5550	Full	38.84	-	48.51	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	134	5670	Full	39.00	-	50.86	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	106	5530	Full	77.77	-	88.22	-	23.98	-	30.00	-	23.98	-	----	----

TEST RESULTS DATA
Average Power Table

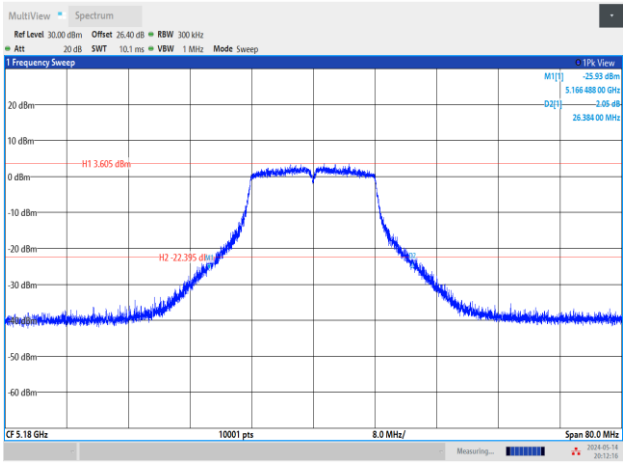
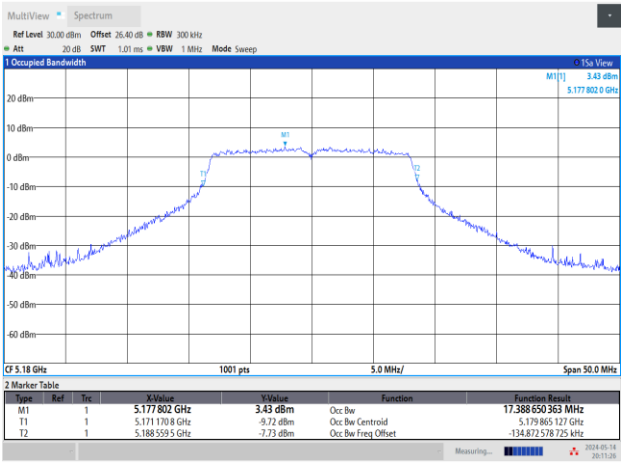
FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	-	SUM	Ant 1	-	Ant 1	-		
HE20	MCS0	1	100	5500	Full	13.30	-		23.98	-	3.38	-	26.99	Pass
HE20	MCS0	1	116	5580	Full	13.60	-		23.98	-	3.38	-	26.99	Pass
HE20	MCS0	1	140	5700	Full	13.40	-		23.98	-	3.38	-	26.99	Pass
HE40	MCS0	1	102	5510	Full	12.50	-	-	23.98	-	3.38	-	26.99	Pass
HE40	MCS0	1	110	5550	Full	13.60	-		23.98	-	3.38	-	26.99	Pass
HE40	MCS0	1	134	5670	Full	13.20	-		23.98	-	3.38	-	26.99	Pass
HE80	MCS0	1	106	5530	Full	12.70	-		23.98	-	3.38	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	-	Ant 1	-	SUM	Ant 1	-	Ant 1	-		
HE20	MCS0	1	100	5500	Full	0.26	-	0.43	-		11.00	-	3.38	-		Pass
HE20	MCS0	1	116	5580	Full	0.26	-	0.81	-		11.00	-	3.38	-		Pass
HE20	MCS0	1	140	5700	Full	0.26	-	0.94	-		11.00	-	3.38	-		Pass
HE40	MCS0	1	102	5510	Full	0.45	-	-3.10	-	-	11.00	-	3.38	-	-	Pass
HE40	MCS0	1	110	5550	Full	0.45	-	-1.89	-		11.00	-	3.38	-		Pass
HE40	MCS0	1	134	5670	Full	0.45	-	-2.58	-		11.00	-	3.38	-		Pass
HE80	MCS0	1	106	5530	Full	0.90	-	-4.93	-		11.00	-	3.38	-		Pass

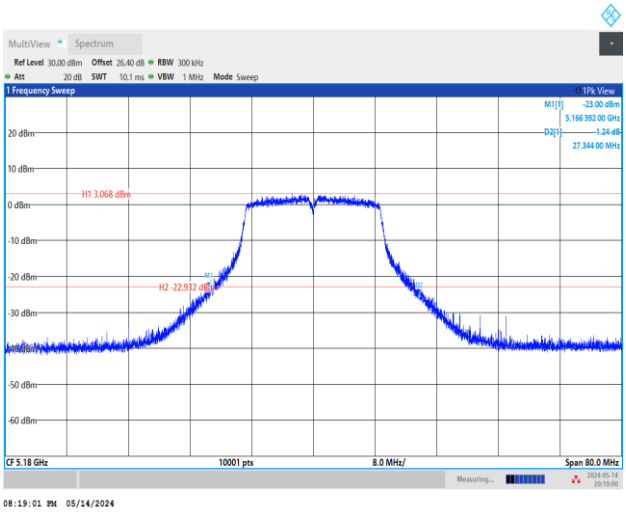
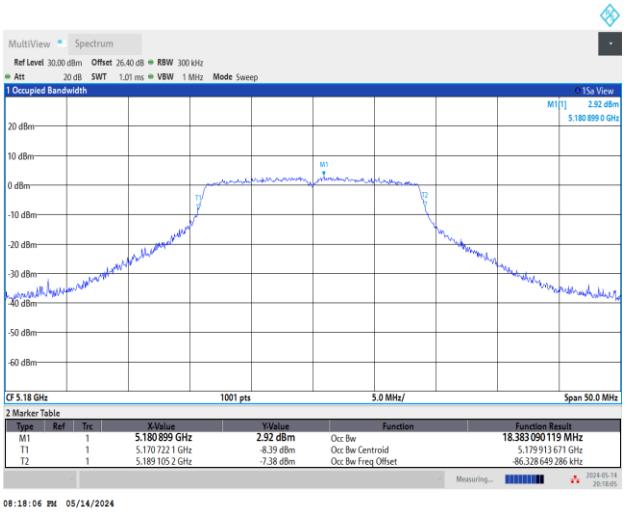
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

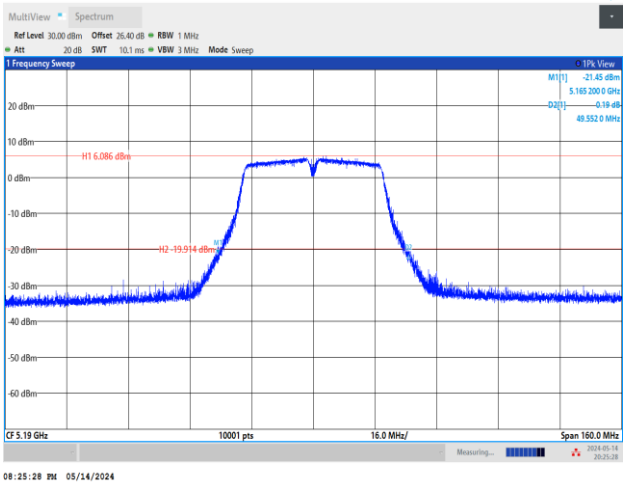
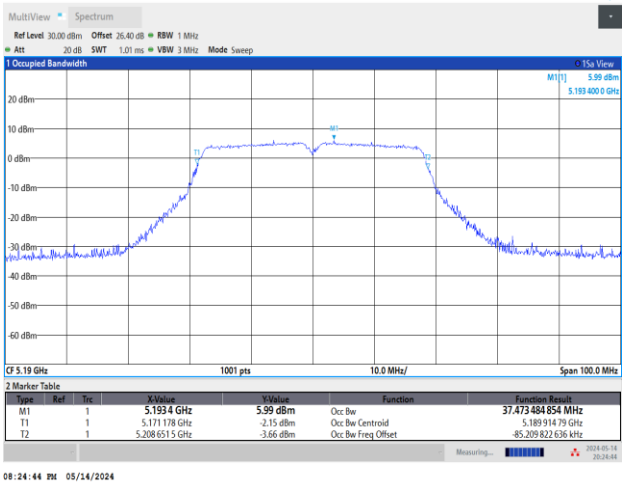
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

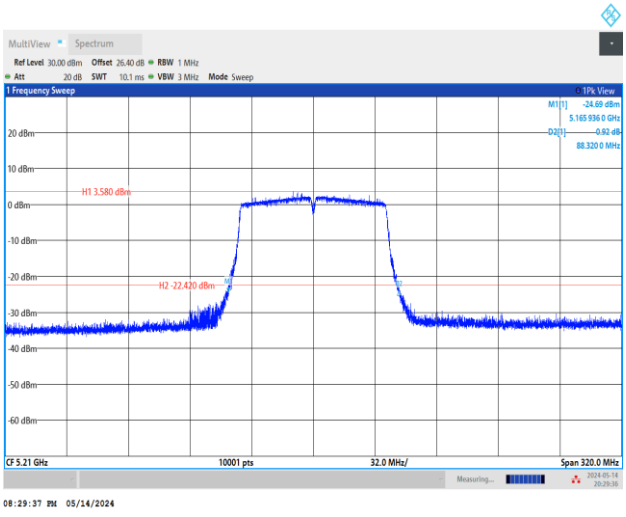
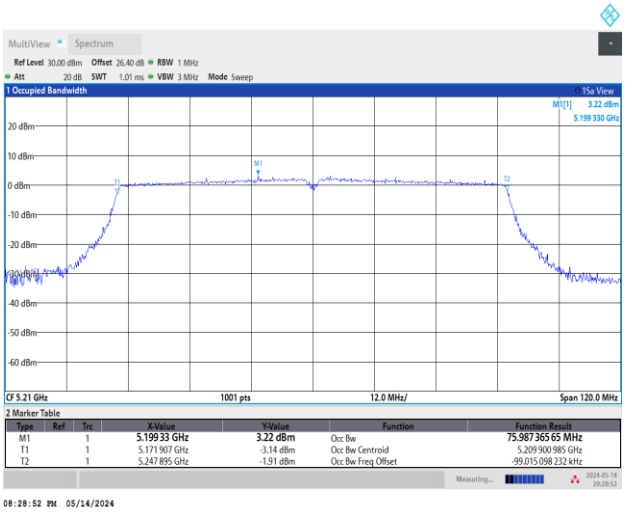
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

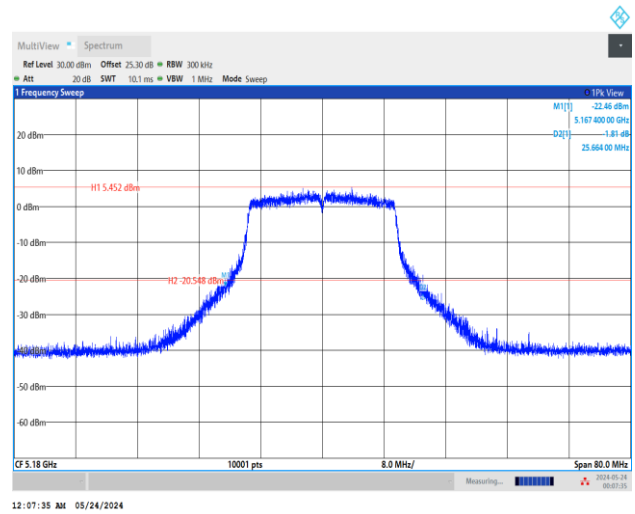
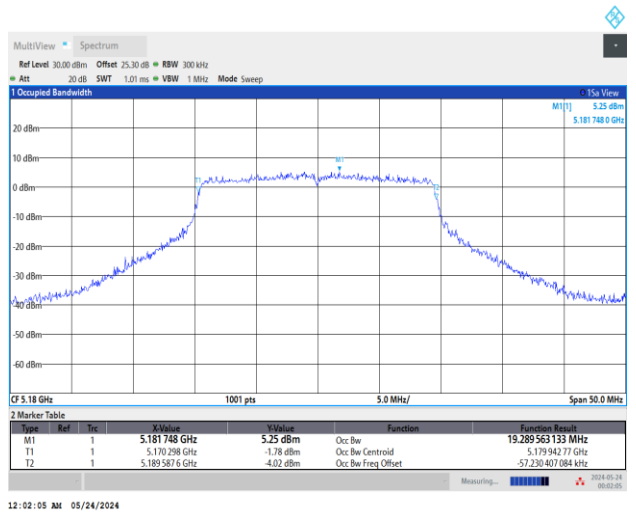
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

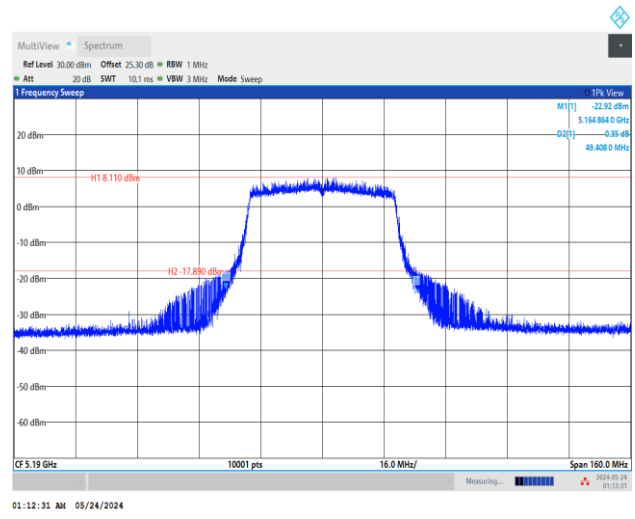
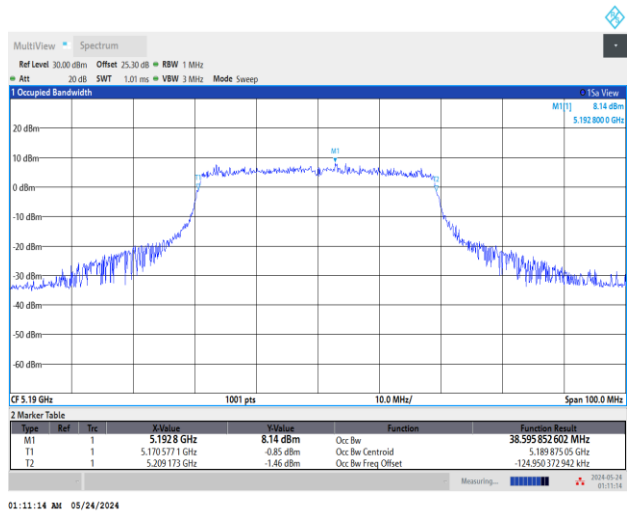
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

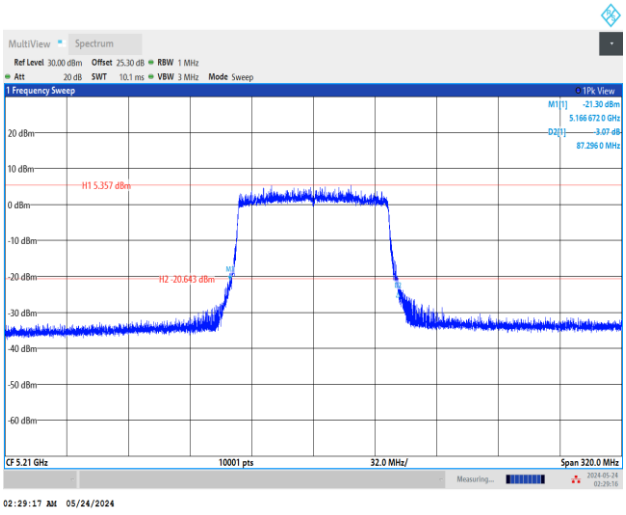
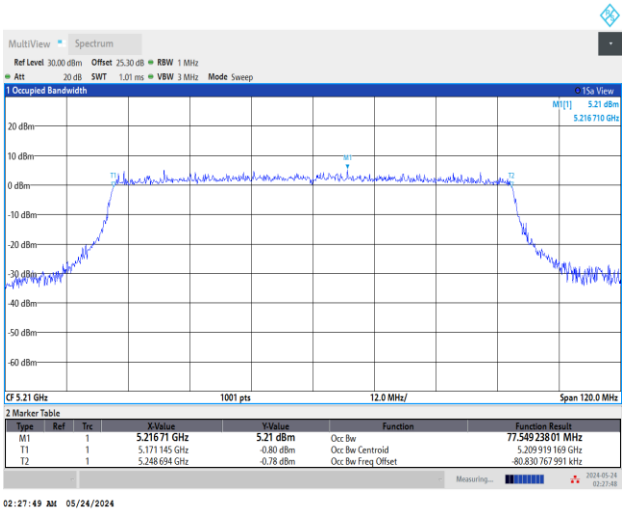
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ax HE80>

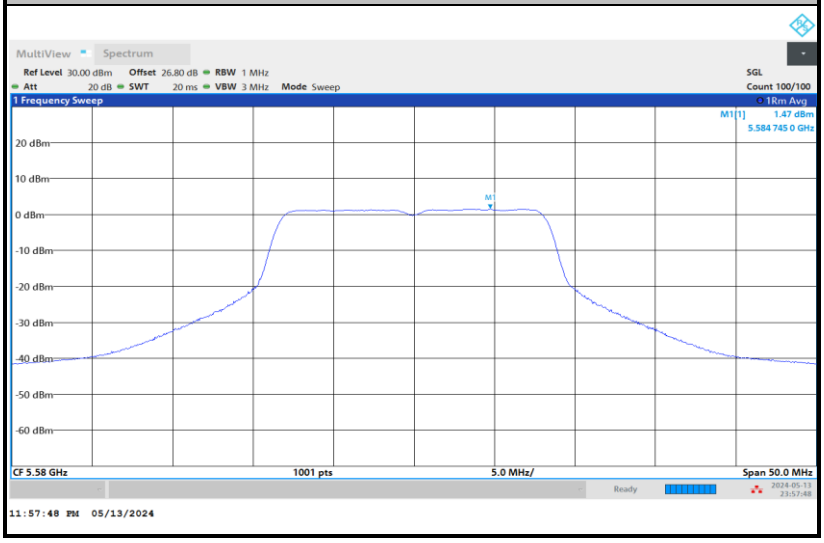
26dB Bandwidth	99% Occupied Bandwidth
	

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

Test Result of Power Spectral Density

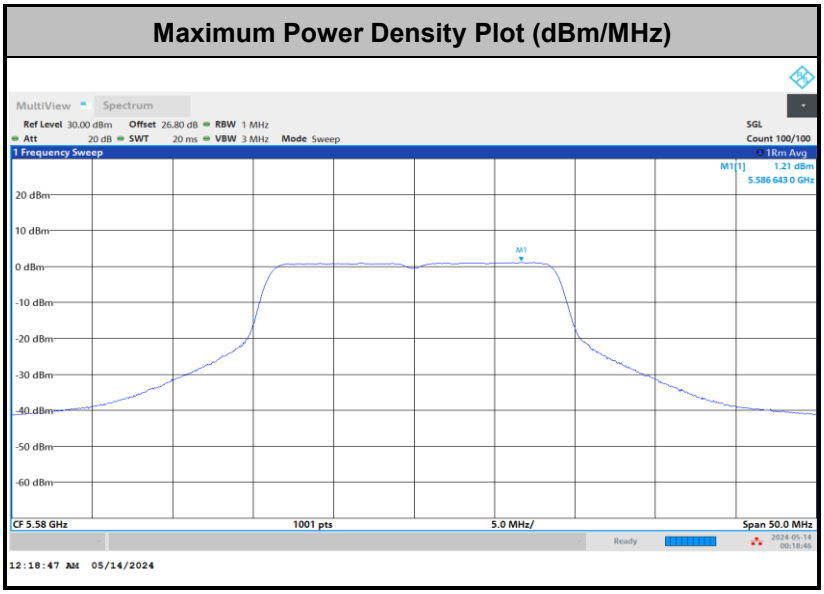
<802.11a>

Maximum Power Density Plot (dBm/MHz)



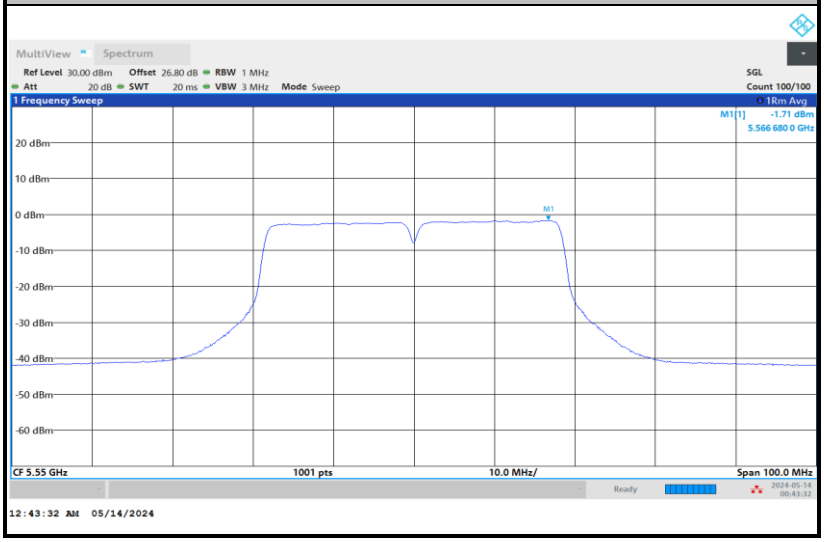
<802.11a HT20>

Maximum Power Density Plot (dBm/MHz)



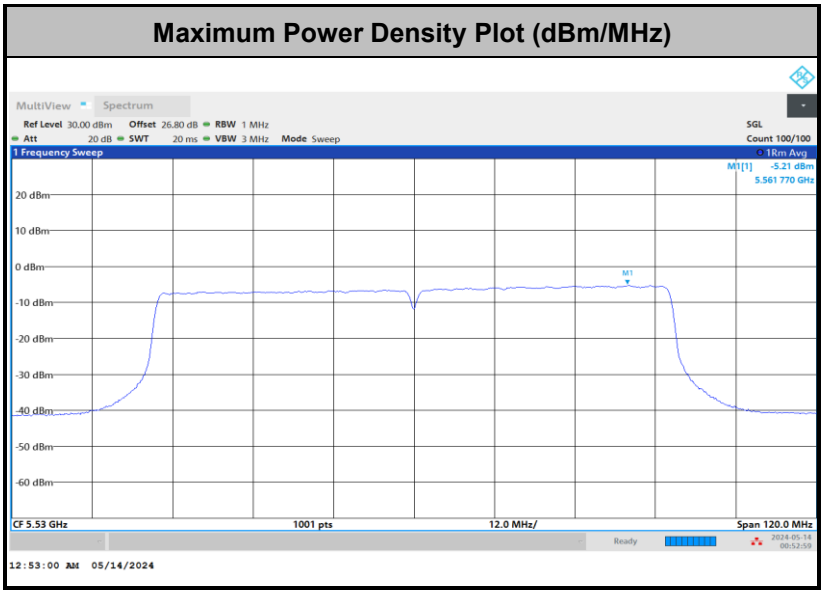
<802.11n HT40>

Maximum Power Density Plot (dBm/MHz)



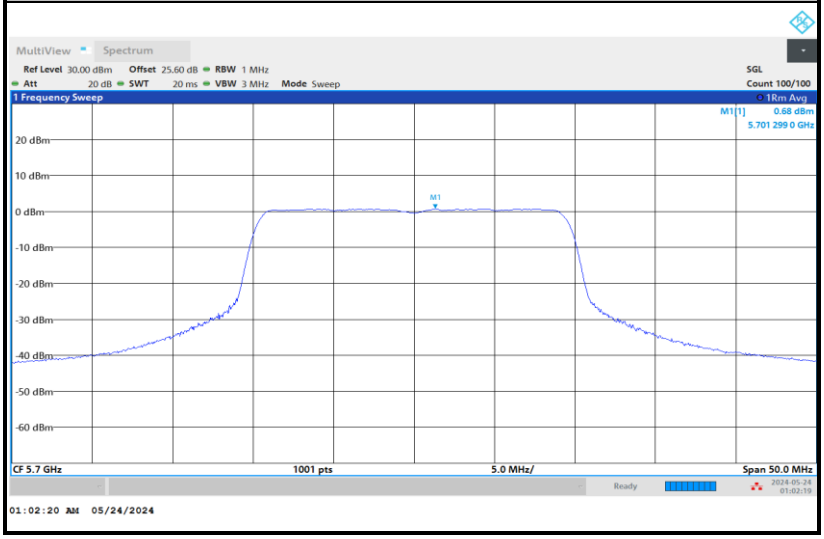
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)



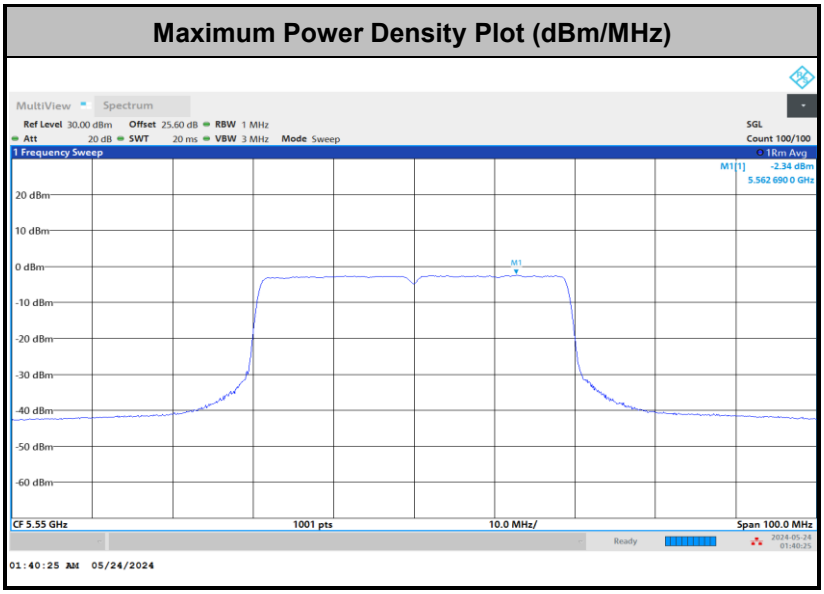
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)



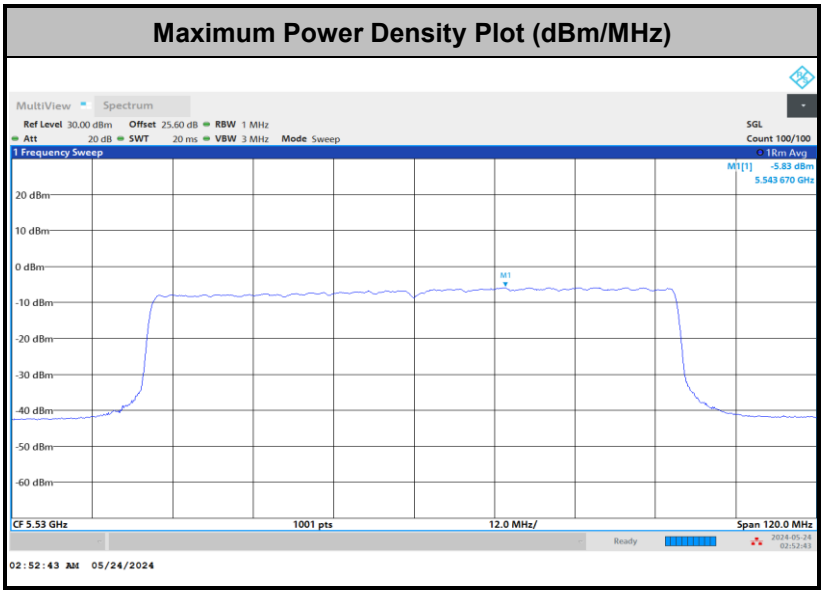
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)



<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)

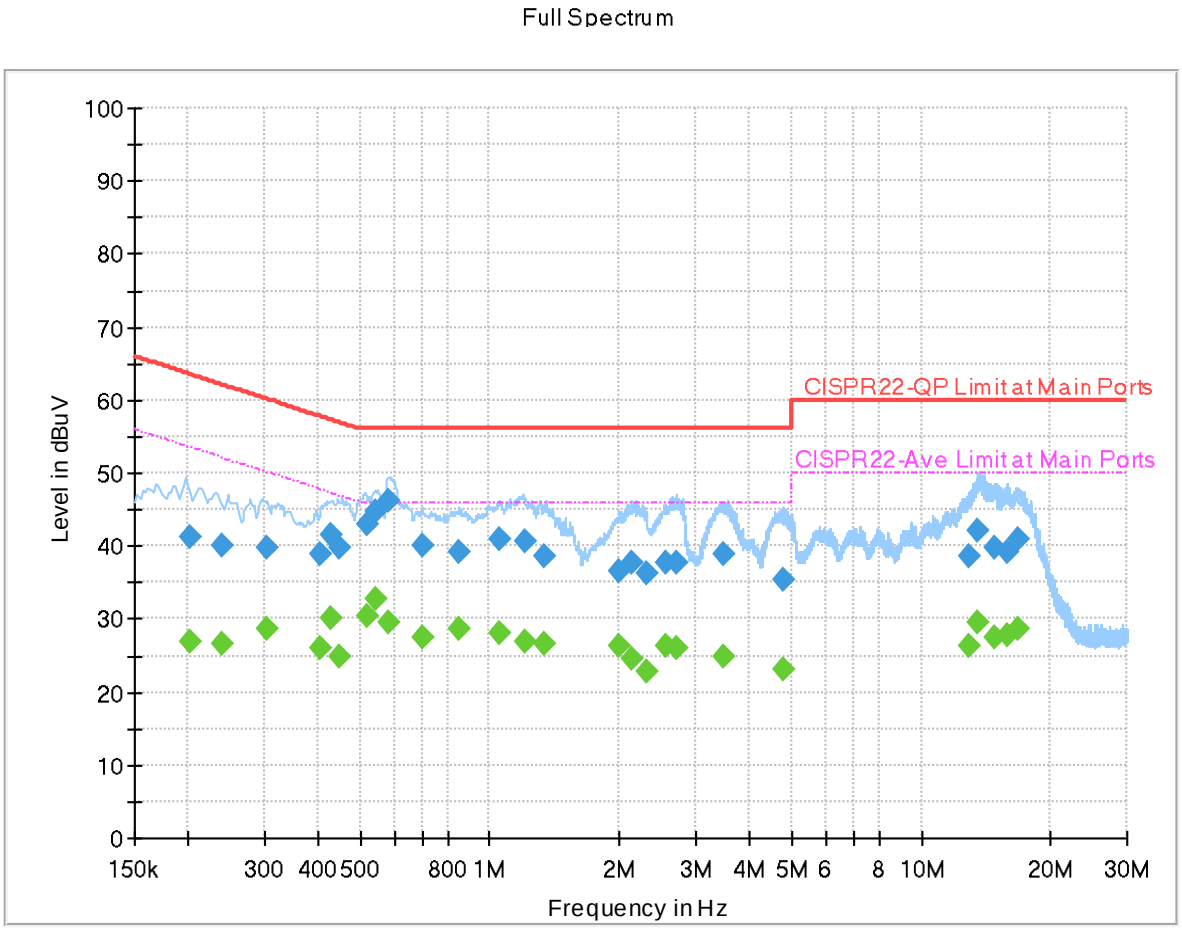


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	22.2~23.3℃
		Relative Humidity :	42.7~60.1%

EUT Information

Report NO :	432784
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line



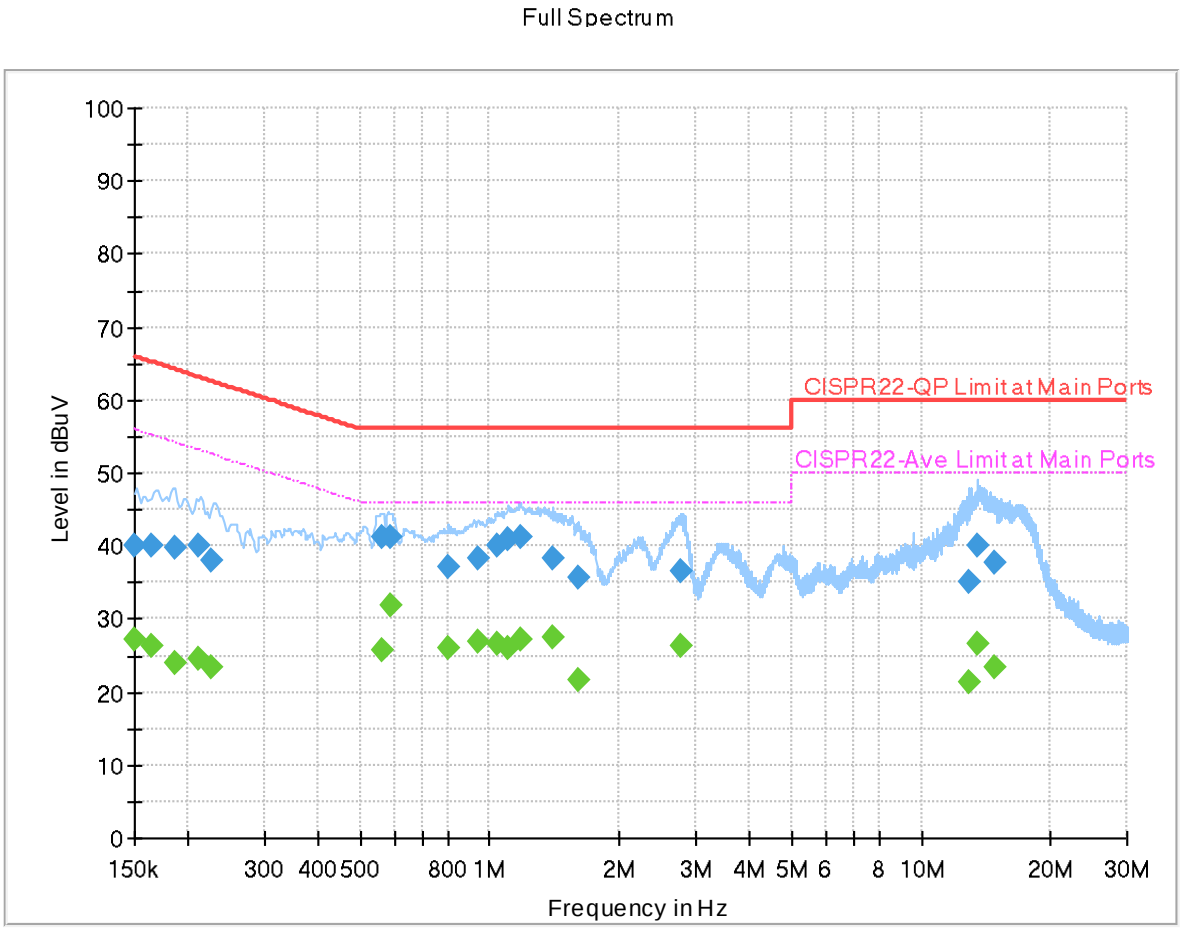
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.201750	---	26.99	53.54	26.55	L1	OFF	19.9
0.201750	41.27	---	63.54	22.27	L1	OFF	19.9
0.240180	---	26.69	52.09	25.40	L1	OFF	19.9
0.240180	40.16	---	62.09	21.93	L1	OFF	19.9
0.303000	---	28.53	50.16	21.63	L1	OFF	19.9
0.303000	39.73	---	60.16	20.43	L1	OFF	19.9
0.406500	---	26.01	47.72	21.71	L1	OFF	19.9
0.406500	38.78	---	57.72	18.94	L1	OFF	19.9
0.427830	---	30.19	47.30	17.11	L1	OFF	19.9
0.427830	41.61	---	57.30	15.69	L1	OFF	19.9
0.449700	---	24.81	46.88	22.07	L1	OFF	19.9
0.449700	39.86	---	56.88	17.02	L1	OFF	19.9
0.518190	---	30.37	46.00	15.63	L1	OFF	19.9
0.518190	42.89	---	56.00	13.11	L1	OFF	19.9
0.546000	---	32.68	46.00	13.32	L1	OFF	19.9
0.546000	44.64	---	56.00	11.36	L1	OFF	19.9
0.581010	---	29.67	46.00	16.33	L1	OFF	19.9
0.581010	46.33	---	56.00	9.67	L1	OFF	19.9
0.699000	---	27.63	46.00	18.37	L1	OFF	19.9

0.699000	40.05	---	56.00	15.95	L1	OFF	19.9
0.849930	---	28.61	46.00	17.39	L1	OFF	19.9
0.849930	39.23	---	56.00	16.77	L1	OFF	19.9
1.050900	---	28.00	46.00	18.00	L1	OFF	19.9
1.050900	40.88	---	56.00	15.12	L1	OFF	19.9
1.200570	---	26.89	46.00	19.11	L1	OFF	19.9
1.200570	40.77	---	56.00	15.23	L1	OFF	19.9
1.342500	---	26.67	46.00	19.33	L1	OFF	19.9
1.342500	38.62	---	56.00	17.38	L1	OFF	19.9
1.987530	---	26.19	46.00	19.81	L1	OFF	19.9
1.987530	36.43	---	56.00	19.57	L1	OFF	19.9
2.137560	---	24.62	46.00	21.38	L1	OFF	20.0
2.137560	37.70	---	56.00	18.30	L1	OFF	20.0
2.306850	---	22.77	46.00	23.23	L1	OFF	20.0
2.306850	36.17	---	56.00	19.83	L1	OFF	20.0
2.546250	---	26.38	46.00	19.62	L1	OFF	20.0
2.546250	37.61	---	56.00	18.39	L1	OFF	20.0
2.699700	---	25.97	46.00	20.03	L1	OFF	20.0
2.699700	37.67	---	56.00	18.33	L1	OFF	20.0
3.466320	---	24.82	46.00	21.18	L1	OFF	20.0
3.466320	38.88	---	56.00	17.12	L1	OFF	20.0
4.795260	---	23.21	46.00	22.79	L1	OFF	20.0
4.795260	35.46	---	56.00	20.54	L1	OFF	20.0
12.837300	---	26.35	50.00	23.65	L1	OFF	20.1
12.837300	38.50	---	60.00	21.50	L1	OFF	20.1
13.558020	---	29.52	50.00	20.48	L1	OFF	20.1
13.558020	42.02	---	60.00	17.98	L1	OFF	20.1
14.718750	---	27.51	50.00	22.49	L1	OFF	20.1
14.718750	39.71	---	60.00	20.29	L1	OFF	20.1
15.857340	---	27.86	50.00	22.14	L1	OFF	20.1
15.857340	39.31	---	60.00	20.69	L1	OFF	20.1
16.779750	---	28.79	50.00	21.21	L1	OFF	20.1
16.779750	40.82	---	60.00	19.18	L1	OFF	20.1

EUT Information

Report NO :	432784
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150405	---	27.20	55.98	28.78	N	OFF	19.9
0.150405	40.00	---	65.98	25.98	N	OFF	19.9
0.164220	---	26.20	55.25	29.05	N	OFF	19.9
0.164220	40.09	---	65.25	25.16	N	OFF	19.9
0.186900	---	23.88	54.17	30.29	N	OFF	19.9
0.186900	39.71	---	64.17	24.46	N	OFF	19.9
0.210660	---	24.66	53.18	28.52	N	OFF	19.9
0.210660	39.99	---	63.18	23.19	N	OFF	19.9
0.226500	---	23.39	52.58	29.19	N	OFF	19.9
0.226500	37.90	---	62.58	24.68	N	OFF	19.9
0.564360	---	25.73	46.00	20.27	N	OFF	19.9
0.564360	41.20	---	56.00	14.80	N	OFF	19.9
0.589110	---	31.91	46.00	14.09	N	OFF	19.9
0.589110	41.30	---	56.00	14.70	N	OFF	19.9
0.798000	---	26.16	46.00	19.84	N	OFF	19.9
0.798000	37.17	---	56.00	18.83	N	OFF	19.9
0.940740	---	26.96	46.00	19.04	N	OFF	19.9
0.940740	38.20	---	56.00	17.80	N	OFF	19.9
1.045500	---	26.63	46.00	19.37	N	OFF	19.9

1.045500	39.98	---	56.00	16.02	N	OFF	19.9
1.107240	---	25.94	46.00	20.06	N	OFF	19.9
1.107240	40.89	---	56.00	15.11	N	OFF	19.9
1.181310	---	27.19	46.00	18.81	N	OFF	19.9
1.181310	41.21	---	56.00	14.79	N	OFF	19.9
1.396500	---	27.40	46.00	18.60	N	OFF	19.9
1.396500	38.40	---	56.00	17.60	N	OFF	19.9
1.605570	---	21.58	46.00	24.42	N	OFF	19.9
1.605570	35.78	---	56.00	20.22	N	OFF	19.9
2.762880	---	26.23	46.00	19.77	N	OFF	20.0
2.762880	36.53	---	56.00	19.47	N	OFF	20.0
12.968880	---	21.37	50.00	28.63	N	OFF	20.1
12.968880	35.01	---	60.00	24.99	N	OFF	20.1
13.559910	---	26.46	50.00	23.54	N	OFF	20.1
13.559910	40.09	---	60.00	19.91	N	OFF	20.1
14.760150	---	23.53	50.00	26.47	N	OFF	20.1
14.760150	37.71	---	60.00	22.29	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Bank Lin, Ken Kuo and Karl Hou	Temperature :	21.3~23.5°C
		Relative Humidity :	51.0~58.0%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	53.58	-20.42	74	42.02	32.5	12.75	33.69	236	289	P	H
		5148.72	43.89	-10.11	54	32.33	32.5	12.75	33.69	236	289	A	H
	*	5180	105.57	-	-	93.94	32.56	12.81	33.74	236	289	P	H
	*	5180	98.25	-	-	86.62	32.56	12.81	33.74	236	289	A	H
													H
													H
		5113.88	51.24	-22.76	74	39.63	32.57	12.68	33.64	100	331	P	V
		5147.16	41.25	-12.75	54	29.69	32.51	12.74	33.69	100	331	A	V
	*	5180	96.89	-	-	85.26	32.56	12.81	33.74	100	331	P	V
	*	5180	89.47	-	-	77.84	32.56	12.81	33.74	100	331	A	V
													V
													V
802.11a CH 44 5220MHz		5000.52	50.82	-23.18	74	39.13	32.7	12.45	33.46	100	296	P	H
		5148.72	40.93	-13.07	54	29.37	32.5	12.75	33.69	100	296	A	H
	*	5220	105.7	-	-	94.02	32.6	12.88	33.8	100	296	P	H
	*	5220	98.5	-	-	86.82	32.6	12.88	33.8	100	296	A	H
		5448.13	49.8	-24.2	74	38.18	32.6	13.18	34.16	100	296	P	H
		5457.58	39.06	-14.94	54	27.39	32.65	13.19	34.17	100	296	A	H
		5015.86	51.22	-22.78	74	39.58	32.64	12.48	33.48	176	304	P	V
		5096.2	40.73	-13.27	54	29.11	32.59	12.64	33.61	176	304	A	V
	*	5220	97.78	-	-	86.1	32.6	12.88	33.8	176	304	P	V
	*	5220	90.55	-	-	78.87	32.6	12.88	33.8	176	304	A	V
		5411.41	48.67	-25.33	74	37.12	32.52	13.13	34.1	176	304	P	V
		5458.12	38.96	-15.04	54	27.29	32.65	13.19	34.17	176	304	A	V

802.11a CH 48 5240MHz		5023.14	51.54	-22.46	74	39.93	32.61	12.5	33.5	100	296	P	H
		5120.9	40.92	-13.08	54	29.32	32.56	12.69	33.65	100	296	A	H
	*	5240	105.82	-	-	94.15	32.6	12.9	33.83	100	296	P	H
	*	5240	98.64	-	-	86.97	32.6	12.9	33.83	100	296	A	H
		5435.98	48.75	-25.25	74	37.16	32.57	13.16	34.14	100	296	P	H
		5458.39	38.99	-15.01	54	27.33	32.65	13.19	34.18	100	296	A	H
		5067.08	52.15	-21.85	74	40.6	32.53	12.58	33.56	189	306	P	V
		5105.82	40.76	-13.24	54	29.14	32.59	12.66	33.63	189	306	A	V
	*	5240	98.36	-	-	86.69	32.6	12.9	33.83	189	306	P	V
	*	5240	90.26	-	-	78.59	32.6	12.9	33.83	189	306	A	V
		5420.86	48.31	-25.69	74	36.74	32.54	13.15	34.12	189	306	P	V
		5457.31	38.91	-15.09	54	27.25	32.64	13.19	34.17	189	306	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	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	49.63	-18.57	68.2	32.3	37.46	19.01	39.14	-	-	P	H
		15540	53.36	-20.64	74	32.96	41.26	23.44	44.3	-	-	P	H
		15540	44.24	-9.76	54	23.84	41.26	23.44	44.3	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	50.09	-18.11	68.2	32.76	37.46	19.01	39.14	-	-	P	V
		15540	54.41	-19.59	74	34.01	41.26	23.44	44.3	-	-	P	V
		15540	45.31	-8.69	54	24.91	41.26	23.44	44.3	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	49.28	-18.92	68.2	32.21	37.22	19.1	39.25	-	-	P	H
		15660	54.64	-19.36	74	34.39	41.22	23.55	44.52	-	-	P	H
		15660	45.54	-8.46	54	25.29	41.22	23.55	44.52	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10440	49.55	-18.65	68.2	32.48	37.22	19.1	39.25	-	-	P	V
		15660	54.15	-19.85	74	33.9	41.22	23.55	44.52	-	-	P	V
		15660	45.04	-8.96	54	24.79	41.22	23.55	44.52	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	49.23	-18.97	68.2	32.19	37.2	19.14	39.3	-	-	P	H
		15720	53.55	-20.45	74	33.2	41.38	23.6	44.63	-	-	P	H
		15720	44.44	-9.56	54	24.09	41.38	23.6	44.63	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	49.15	-19.05	68.2	32.11	37.2	19.14	39.3	-	-	P	V
		15720	53.24	-20.76	74	32.89	41.38	23.6	44.63	-	-	P	V
		15720	44.12	-9.88	54	23.77	41.38	23.6	44.63	-	-	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 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.04	54.29	-19.71	74	42.72	32.51	12.74	33.68	100	295	P	H
		5147.16	42.81	-11.19	54	31.25	32.51	12.74	33.69	100	295	A	H
	*	5180	104.91	-	-	93.28	32.56	12.81	33.74	100	295	P	H
	*	5180	97.65	-	-	86.02	32.56	12.81	33.74	100	295	A	H
802.11n													H
HT20													H
CH 36		5104.78	51.87	-22.13	74	40.24	32.59	12.66	33.62	183	304	P	V
5180MHz		5144.82	41.06	-12.94	54	29.5	32.51	12.74	33.69	183	304	A	V
	*	5180	97.82	-	-	86.19	32.56	12.81	33.74	183	304	P	V
	*	5180	90.26	-	-	78.63	32.56	12.81	33.74	183	304	A	V
													V
													V
		5063.18	50.82	-23.18	74	39.27	32.53	12.58	33.56	100	296	P	H
		5149.76	40.97	-13.03	54	29.41	32.5	12.75	33.69	100	296	A	H
	*	5220	105.15	-	-	93.47	32.6	12.88	33.8	100	296	P	H
	*	5220	98.07	-	-	86.39	32.6	12.88	33.8	100	296	A	H
802.11n		5429.23	49.27	-24.73	74	37.68	32.56	13.16	34.13	100	296	P	H
HT20		5458.66	39.12	-14.88	54	27.46	32.65	13.19	34.18	100	296	A	H
CH 44		5056.68	51.06	-22.94	74	39.54	32.51	12.56	33.55	100	325	P	V
5220MHz		5100.62	40.79	-13.21	54	29.16	32.6	12.65	33.62	100	325	A	V
	*	5220	95.57	-	-	83.89	32.6	12.88	33.8	100	325	P	V
	*	5220	88.51	-	-	76.83	32.6	12.88	33.8	100	325	A	V
		5437.6	48.56	-25.44	74	36.95	32.58	13.17	34.14	100	325	P	V
		5460.01	38.96	-15.04	54	27.28	32.66	13.2	34.18	100	325	A	V

802.11n HT20 CH 48 5240MHz		5126.88	50.81	-23.19	74	39.22	32.55	12.7	33.66	100	296	P	H
		5087.36	40.89	-13.11	54	29.3	32.57	12.62	33.6	100	296	A	H
	*	5240	106.23	-	-	94.56	32.6	12.9	33.83	100	296	P	H
	*	5240	98.16	-	-	86.49	32.6	12.9	33.83	100	296	A	H
		5449.21	48.83	-25.17	74	37.21	32.6	13.18	34.16	100	296	P	H
		5448.4	39.03	-14.97	54	27.41	32.6	13.18	34.16	100	296	A	H
		5032.76	50.87	-23.13	74	39.29	32.57	12.52	33.51	190	302	P	V
		5098.54	40.77	-13.23	54	29.13	32.6	12.65	33.61	190	302	A	V
	*	5240	96.81	-	-	85.14	32.6	12.9	33.83	190	302	P	V
	*	5240	89.67	-	-	78	32.6	12.9	33.83	190	302	A	V
		5437.87	48.92	-25.08	74	37.31	32.58	13.17	34.14	190	302	P	V
		5456.77	38.96	-15.04	54	27.3	32.64	13.19	34.17	190	302	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	49.77	-18.43	68.2	32.44	37.46	19.01	39.14	-	-	P	H
		15540	52.92	-21.08	74	32.52	41.26	23.44	44.3	-	-	P	H
		15540	43.82	-10.18	54	23.42	41.26	23.44	44.3	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 36		10360	49.24	-18.96	68.2	31.91	37.46	19.01	39.14	-	-	P	V
5180MHz		15540	53.78	-20.22	74	33.38	41.26	23.44	44.3	-	-	P	V
		15540	44.68	-9.32	54	24.28	41.26	23.44	44.3	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	50.56	-17.64	68.2	33.49	37.22	19.1	39.25	-	-	P	H
		15660	53.9	-20.1	74	33.65	41.22	23.55	44.52	-	-	P	H
		15660	44.78	-9.22	54	24.53	41.22	23.55	44.52	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 44		10440	49.61	-18.59	68.2	32.54	37.22	19.1	39.25	-	-	P	V
5220MHz		15660	53.97	-20.03	74	33.72	41.22	23.55	44.52	-	-	P	V
		15660	44.87	-9.13	54	24.62	41.22	23.55	44.52	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	49.06	-19.14	68.2	32.02	37.2	19.14	39.3	-	-	P	H
		15720	53.62	-20.38	74	33.27	41.38	23.6	44.63	-	-	P	H
		15720	44.52	-9.48	54	24.17	41.38	23.6	44.63	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 48		10480	49.31	-18.89	68.2	32.27	37.2	19.14	39.3	-	-	P	V
5240MHz		15720	53.97	-20.03	74	33.62	41.38	23.6	44.63	-	-	P	V
		15720	44.82	-9.18	54	24.47	41.38	23.6	44.63	-	-	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 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.98	64.9	-9.1	74	53.34	32.5	12.75	33.69	232	289	P	H
		5149.76	45.05	-8.95	54	33.49	32.5	12.75	33.69	232	289	A	H
	*	5190	102.25	-	-	90.6	32.58	12.83	33.76	232	289	P	H
	*	5190	94.85	-	-	83.2	32.58	12.83	33.76	232	289	A	H
		5392.24	49.08	-24.92	74	37.54	32.5	13.11	34.07	232	289	P	H
		5457.48	39.11	-14.89	54	27.45	32.64	13.19	34.17	232	289	A	H
		5143	50.96	-23.04	74	39.39	32.51	12.74	33.68	180	305	P	V
		5146.64	41.86	-12.14	54	30.3	32.51	12.74	33.69	180	305	A	V
	*	5190	94.62	-	-	82.97	32.58	12.83	33.76	180	305	P	V
	*	5190	87.36	-	-	75.71	32.58	12.83	33.76	180	305	A	V
		5419.12	48.23	-25.77	74	36.66	32.54	13.14	34.11	180	305	P	V
		5460	39.24	-14.76	54	27.57	32.66	13.19	34.18	180	305	A	V
802.11n HT40 CH 46 5230MHz		5031.98	51.17	-22.83	74	39.6	32.57	12.51	33.51	100	296	P	H
		5101.92	41.22	-12.78	54	29.59	32.6	12.65	33.62	100	296	A	H
	*	5230	102.42	-	-	90.75	32.6	12.89	33.82	100	296	P	H
	*	5230	95.14	-	-	83.47	32.6	12.89	33.82	100	296	A	H
		5399.24	49.17	-24.83	74	37.63	32.5	13.12	34.08	100	296	P	H
		5460	39.36	-14.64	54	27.69	32.66	13.19	34.18	100	296	A	H
		5006.5	51.03	-22.97	74	39.37	32.67	12.46	33.47	190	306	P	V
		5084.24	41.05	-12.95	54	29.45	32.57	12.62	33.59	190	306	A	V
	*	5230	93.96	-	-	82.29	32.6	12.89	33.82	190	306	P	V
	*	5230	86.7	-	-	75.03	32.6	12.89	33.82	190	306	A	V
		5423.04	49.18	-24.82	74	37.6	32.55	13.15	34.12	190	306	P	V
		5457.48	39.21	-14.79	54	27.55	32.64	13.19	34.17	190	306	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	50.26	-17.94	68.2	33.02	37.38	19.03	39.17	-	-	P	H
		15570	53.44	-20.56	74	33.12	41.2	23.47	44.35	-	-	P	H
		15570	44.31	-9.69	54	23.99	41.2	23.47	44.35	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 38		10380	49.44	-18.76	68.2	32.2	37.38	19.03	39.17	-	-	P	V
5190MHz		15570	53.77	-20.23	74	33.45	41.2	23.47	44.35	-	-	P	V
		15570	44.65	-9.35	54	24.33	41.2	23.47	44.35	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	48.87	-19.33	68.2	31.83	37.2	19.12	39.28	-	-	P	H
		15690	53.81	-20.19	74	33.54	41.28	23.57	44.58	-	-	P	H
		15690	44.71	-9.29	54	24.44	41.28	23.57	44.58	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 46		10460	49.16	-19.04	68.2	32.12	37.2	19.12	39.28	-	-	P	V
5230MHz		15690	53.37	-20.63	74	33.1	41.28	23.57	44.58	-	-	P	V
		15690	44.25	-9.75	54	23.98	41.28	23.57	44.58	-	-	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.98	65.18	-8.82	74	53.62	32.5	12.75	33.69	100	292	P	H
		5150	47.44	-6.56	54	35.88	32.5	12.75	33.69	100	292	A	H
	*	5210	100.57	-	-	88.9	32.6	12.86	33.79	100	292	P	H
	*	5210	93.45	-	-	81.78	32.6	12.86	33.79	100	292	A	H
		5352.82	55.63	-18.37	74	44.08	32.5	13.06	34.01	100	292	P	H
		5351.2	40.41	-13.59	54	28.87	32.5	13.05	34.01	100	292	A	H
		5145.6	55.21	-18.79	74	43.65	32.51	12.74	33.69	182	305	P	V
		5149.76	42.56	-11.44	54	31	32.5	12.75	33.69	182	305	A	V
	*	5210	90.03	-	-	78.36	32.6	12.86	33.79	182	305	P	V
	*	5210	83.17	-	-	71.5	32.6	12.86	33.79	182	305	A	V
		5425.99	48.86	-25.14	74	37.28	32.55	13.15	34.12	182	305	P	V
		5455.42	39.81	-14.19	54	28.16	32.63	13.19	34.17	182	305	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	50.15	-18.05	68.2	33.04	37.26	19.07	39.22	-	-	P	H
		15630	53.91	-20.09	74	33.65	41.2	23.52	44.46	-	-	P	H
		15630	44.79	-9.21	54	24.53	41.2	23.52	44.46	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac VHT80 CH 42 5210MHz													H
		10420	48.68	-19.52	68.2	31.57	37.26	19.07	39.22	-	-	P	V
		15630	54.2	-19.8	74	33.94	41.2	23.52	44.46	-	-	P	V
		15630	45.1	-8.9	54	24.84	41.2	23.52	44.46	-	-	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	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5149.76	61.05	-12.95	74	49.49	32.5	12.75	33.69	100	293	P	H
		5147.42	45.47	-8.53	54	33.91	32.51	12.74	33.69	100	293	A	H
	*	5210	102.53	-	-	90.86	32.6	12.86	33.79	100	293	P	H
	*	5210	92.18	-	-	80.51	32.6	12.86	33.79	100	293	A	H
		5354.44	54.21	-19.79	74	42.66	32.5	13.06	34.01	100	293	P	H
		5354.96	40.07	-13.93	54	28.52	32.5	13.06	34.01	100	293	A	H
		5144.56	54.46	-19.54	74	42.9	32.51	12.74	33.69	173	304	P	V
		5138.58	42.59	-11.41	54	31.02	32.52	12.73	33.68	173	304	A	V
	*	5210	93.72	-	-	82.05	32.6	12.86	33.79	173	304	P	V
	*	5210	84.07	-	-	72.4	32.6	12.86	33.79	173	304	A	V
		5352.88	49.69	-24.31	74	38.14	32.5	13.06	34.01	173	304	P	V
		5451.94	39.46	-14.54	54	27.84	32.61	13.18	34.17	173	304	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	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	48.26	-19.94	68.2	31.15	37.26	19.07	39.22	-	-	P	H
		15630	53.01	-20.99	74	32.75	41.2	23.52	44.46	-	-	P	H
		15630	43.37	-10.63	54	23.11	41.2	23.52	44.46	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	48.38	-19.82	68.2	31.27	37.26	19.07	39.22	-	-	P	V
5210MHz		15630	52.71	-21.29	74	32.45	41.2	23.52	44.46	-	-	P	V
		15630	43.23	-10.77	54	22.97	41.2	23.52	44.46	-	-	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 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5067.66	51.05	-22.95	74	39.49	32.54	12.59	33.57	100	297	P	H
		5107.1	41.07	-12.93	54	29.45	32.59	12.66	33.63	100	297	A	H
	*	5260	104.95	-	-	93.31	32.58	12.93	33.87	100	297	P	H
	*	5260	97.61	-	-	85.97	32.58	12.93	33.87	100	297	A	H
		5446.08	49.12	-24.88	74	37.51	32.59	13.18	34.16	100	297	P	H
		5460	39.08	-14.92	54	27.41	32.66	13.19	34.18	100	297	A	H
		5122.06	51.12	-22.88	74	39.52	32.56	12.69	33.65	100	326	P	V
		5122.74	41	-13	54	29.4	32.55	12.7	33.65	100	326	A	V
	*	5260	95.92	-	-	84.28	32.58	12.93	33.87	100	326	P	V
	*	5260	88.93	-	-	77.29	32.58	12.93	33.87	100	326	A	V
		5350.56	48.9	-25.1	74	37.36	32.5	13.05	34.01	100	326	P	V
		5458.32	39.04	-14.96	54	27.37	32.65	13.19	34.17	100	326	A	V
802.11a CH 60 5300MHz		5126.14	50.12	-23.88	74	38.53	32.55	12.7	33.66	103	287	P	H
		5120.02	41.46	-12.54	54	29.86	32.56	12.69	33.65	103	287	A	H
	*	5300	105.66	-	-	94.1	32.5	12.99	33.93	103	287	P	H
	*	5300	99.12	-	-	87.56	32.5	12.99	33.93	103	287	A	H
		5351.52	49.5	-24.5	74	37.96	32.5	13.05	34.01	103	287	P	H
		5351.04	41.88	-12.12	54	30.34	32.5	13.05	34.01	103	287	A	H
		5039.44	51.04	-22.96	74	39.49	32.54	12.53	33.52	100	145	P	V
		5073.78	40.86	-13.14	54	29.29	32.55	12.6	33.58	100	145	A	V
	*	5300	97.5	-	-	85.94	32.5	12.99	33.93	100	145	P	V
	*	5300	90.38	-	-	78.82	32.5	12.99	33.93	100	145	A	V
		5445.12	47.6	-26.4	74	35.98	32.59	13.18	34.15	100	145	P	V
		5350.08	39.26	-14.74	54	27.72	32.5	13.05	34.01	100	145	A	V

802.11a CH 64 5320MHz	*	5320	107.13	-	-	95.58	32.5	13.01	33.96	100	290	P	H
	*	5320	100.47	-	-	88.92	32.5	13.01	33.96	100	290	A	H
		5366.56	51.1	-22.9	74	39.56	32.5	13.07	34.03	100	290	P	H
		5350.88	43.53	-10.47	54	31.99	32.5	13.05	34.01	100	290	A	H
													H
													H
	*	5320	98.19	-	-	86.64	32.5	13.01	33.96	223	126	P	V
	*	5320	91.46	-	-	79.91	32.5	13.01	33.96	223	126	A	V
		5361.28	48.47	-25.53	74	36.92	32.5	13.07	34.02	223	126	P	V
		5353.28	39.61	-14.39	54	28.06	32.5	13.06	34.01	223	126	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	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.69	-19.51	68.2	31.62	37.24	19.17	39.34	-	-	P	H
		15780	54.01	-19.99	74	33.61	41.5	23.65	44.75	-	-	P	H
		15780	44.51	-9.49	54	24.11	41.5	23.65	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	49.65	-18.55	68.2	32.58	37.24	19.17	39.34	-	-	P	V
		15780	54.51	-19.49	74	34.11	41.5	23.65	44.75	-	-	P	V
		15780	44.55	-9.45	54	24.15	41.5	23.65	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	49.42	-24.58	74	32.16	37.4	19.25	39.39	-	-	P	H
		10600	40.27	-13.73	54	23.01	37.4	19.25	39.39	-	-	A	H
		15900	53.36	-20.64	74	33.28	41.3	23.75	44.97	-	-	P	H
		15900	44.18	-9.82	54	24.1	41.3	23.75	44.97	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz		10600	49.47	-24.53	74	32.21	37.4	19.25	39.39	-	-	P	V
		10600	40.36	-13.64	54	23.1	37.4	19.25	39.39	-	-	A	V
		15900	53.62	-20.38	74	33.54	41.3	23.75	44.97	-	-	P	V
		15900	44.5	-9.5	54	24.42	41.3	23.75	44.97	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	49.76	-24.24	74	32.41	37.48	19.29	39.42	-	-	P	H
		10640	39.57	-14.43	54	22.22	37.48	19.29	39.42	-	-	A	H
		15960	52.15	-21.85	74	32.2	41.22	23.81	45.08	-	-	P	H
		15960	40.06	-13.94	54	20.11	41.22	23.81	45.08	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		10640	49.84	-24.16	74	32.49	37.48	19.29	39.42	-	-	P	V
		10640	39.51	-14.49	54	22.16	37.48	19.29	39.42	-	-	A	V
		15960	51.82	-22.18	74	31.87	41.22	23.81	45.08	-	-	P	V
		15960	39.83	-14.17	54	19.88	41.22	23.81	45.08	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5074.46	51.17	-22.83	74	39.6	32.55	12.6	33.58	100	291	P	H
		5102.34	41.25	-12.75	54	29.62	32.6	12.65	33.62	100	291	A	H
	*	5260	106.7	-	-	95.06	32.58	12.93	33.87	100	291	P	H
	*	5260	99.61	-	-	87.97	32.58	12.93	33.87	100	291	A	H
		5407.2	49.5	-24.5	74	37.96	32.51	13.13	34.1	100	291	P	H
		5357.52	39.52	-14.48	54	27.98	32.5	13.06	34.02	100	291	A	H
		5130.56	52.01	-21.99	74	40.42	32.54	12.71	33.66	100	136	P	V
		5107.44	41.14	-12.86	54	29.52	32.59	12.66	33.63	100	136	A	V
	*	5260	97.64	-	-	86	32.58	12.93	33.87	100	136	P	V
	*	5260	89.94	-	-	78.3	32.58	12.93	33.87	100	136	A	V
		5432.88	48.45	-25.55	74	36.86	32.57	13.16	34.14	100	136	P	V
		5458.08	39.27	-14.73	54	27.6	32.65	13.19	34.17	100	136	A	V
802.11n HT20 CH 60 5300MHz		5004.76	50.36	-23.64	74	38.69	32.68	12.46	33.47	101	291	P	H
		5120.02	41.65	-12.35	54	30.05	32.56	12.69	33.65	101	291	A	H
	*	5300	106.09	-	-	94.53	32.5	12.99	33.93	101	291	P	H
	*	5300	98.87	-	-	87.31	32.5	12.99	33.93	101	291	A	H
		5351.76	48.68	-25.32	74	37.14	32.5	13.05	34.01	101	291	P	H
		5350.08	41.59	-12.41	54	30.05	32.5	13.05	34.01	101	291	A	H
		5105.74	50.2	-23.8	74	38.57	32.59	12.66	33.62	102	145	P	V
		5093.5	40.84	-13.16	54	29.22	32.59	12.64	33.61	102	145	A	V
	*	5300	96.72	-	-	85.16	32.5	12.99	33.93	102	145	P	V
	*	5300	89.87	-	-	78.31	32.5	12.99	33.93	102	145	A	V
		5416.32	48.58	-25.42	74	37.02	32.53	13.14	34.11	102	145	P	V
		5352.24	39.04	-14.96	54	27.49	32.5	13.06	34.01	102	145	A	V

	*	5320	106.9	-	-	95.35	32.5	13.01	33.96	100	292	P	H
	*	5320	99.84	-	-	88.29	32.5	13.01	33.96	100	292	A	H
		5350.72	51.29	-22.71	74	39.75	32.5	13.05	34.01	100	292	P	H
		5351.52	43.91	-10.09	54	32.37	32.5	13.05	34.01	100	292	A	H
802.11n													H
HT20													H
CH 64	*	5320	96.03	-	-	84.48	32.5	13.01	33.96	180	130	P	V
5320MHz	*	5320	89.41	-	-	77.86	32.5	13.01	33.96	180	130	A	V
		5358.88	48.67	-25.33	74	37.13	32.5	13.06	34.02	180	130	P	V
		5352.64	39.87	-14.13	54	28.32	32.5	13.06	34.01	180	130	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	49.07	-19.13	68.2	32	37.24	19.17	39.34	-	-	P	H
		15780	52.99	-21.01	74	32.59	41.5	23.65	44.75	-	-	P	H
		15780	40.92	-13.08	54	20.52	41.5	23.65	44.75	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 52		10520	49.15	-19.05	68.2	32.08	37.24	19.17	39.34	-	-	P	V
5260MHz		15780	53.34	-20.66	74	32.94	41.5	23.65	44.75	-	-	P	V
		15780	40.71	-13.29	54	20.31	41.5	23.65	44.75	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	50.24	-23.76	74	32.98	37.4	19.25	39.39	-	-	P	H
		10600	41.17	-12.83	54	23.91	37.4	19.25	39.39	-	-	A	H
		15900	54.2	-19.8	74	34.12	41.3	23.75	44.97	-	-	P	H
		15900	45.1	-8.9	54	25.02	41.3	23.75	44.97	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 60		10600	50.41	-23.59	74	33.15	37.4	19.25	39.39	-	-	P	V
5300MHz		10600	41.29	-12.71	54	24.03	37.4	19.25	39.39	-	-	A	V
		15900	54.03	-19.97	74	33.95	41.3	23.75	44.97	-	-	P	V
		15900	44.93	-9.07	54	24.85	41.3	23.75	44.97	-	-	A	V
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WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	49.64	-24.36	74	32.29	37.48	19.29	39.42	-	-	P	H
		10640	39.47	-14.53	54	22.12	37.48	19.29	39.42	-	-	A	H
		15960	51.73	-22.27	74	31.78	41.22	23.81	45.08	-	-	P	H
		15960	39.7	-14.3	54	19.75	41.22	23.81	45.08	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 64		10640	48.82	-25.18	74	31.47	37.48	19.29	39.42	-	-	P	V
5320MHz		10640	39.63	-14.37	54	22.28	37.48	19.29	39.42	-	-	A	V
		15960	52.31	-21.69	74	32.36	41.22	23.81	45.08	-	-	P	V
		15960	39.79	-14.21	54	19.84	41.22	23.81	45.08	-	-	A	V
													V
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													V
													V
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													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5110.5	51.67	-22.33	74	40.05	32.58	12.67	33.63	100	291	P	H
		5120.02	42.16	-11.84	54	30.56	32.56	12.69	33.65	100	291	A	H
	*	5270	103.95	-	-	92.33	32.56	12.94	33.88	100	291	P	H
	*	5270	96.74	-	-	85.12	32.56	12.94	33.88	100	291	A	H
		5383.44	49.23	-24.77	74	37.69	32.5	13.1	34.06	100	291	P	H
		5350.56	40.14	-13.86	54	28.6	32.5	13.05	34.01	100	291	A	H
		5110.5	51.67	-22.33	74	40.05	32.58	12.67	33.63	100	291	P	V
		5057.8	52.52	-21.48	74	40.98	32.52	12.57	33.55	100	137	A	V
		5089.76	41.52	-12.48	54	29.91	32.58	12.63	33.6	100	137	P	V
	*	5270	95.16	-	-	83.54	32.56	12.94	33.88	100	137	A	V
	*	5270	87.87	-	-	76.25	32.56	12.94	33.88	100	137	P	V
		5423.52	49.29	-24.71	74	37.71	32.55	13.15	34.12	100	137	A	V
802.11n HT40 CH 62 5310MHz		5069.36	51.79	-22.21	74	40.23	32.54	12.59	33.57	100	289	P	H
		5120.02	42.03	-11.97	54	30.43	32.56	12.69	33.65	100	289	A	H
	*	5310	104.35	-	-	92.79	32.5	13	33.94	100	289	P	H
	*	5310	97.04	-	-	85.48	32.5	13	33.94	100	289	A	H
		5352.24	55.53	-18.47	74	43.98	32.5	13.06	34.01	100	289	P	H
		5350.08	46.94	-7.06	54	35.4	32.5	13.05	34.01	100	289	A	H
		5095.2	51.51	-22.49	74	39.89	32.59	12.64	33.61	100	142	P	V
		5104.38	41.47	-12.53	54	29.84	32.59	12.66	33.62	100	142	A	V
	*	5310	96.32	-	-	84.76	32.5	13	33.94	100	142	P	V
	*	5310	89.04	-	-	77.48	32.5	13	33.94	100	142	A	V
		5351.04	49.93	-24.07	74	38.39	32.5	13.05	34.01	100	142	P	V
		5353.44	41.64	-12.36	54	30.09	32.5	13.06	34.01	100	142	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.63	-19.57	68.2	31.51	37.28	19.19	39.35	-	-	P	H
		15810	52.67	-21.33	74	32.31	41.48	23.68	44.8	-	-	P	H
		15810	40.7	-13.3	54	20.34	41.48	23.68	44.8	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 54		10540	48.6	-19.6	68.2	31.48	37.28	19.19	39.35	-	-	P	V
5270MHz		15810	52.35	-21.65	74	31.99	41.48	23.68	44.8	-	-	P	V
		15810	40.76	-13.24	54	20.4	41.48	23.68	44.8	-	-	A	V
													V
													V
													V
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													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	50.22	-23.78	74	32.91	37.44	19.27	39.4	-	-	P	H
		10620	39.46	-14.54	54	22.15	37.44	19.27	39.4	-	-	A	H
		15930	51.55	-22.45	74	31.56	41.24	23.78	45.03	-	-	P	H
		15930	40.06	-13.94	54	20.07	41.24	23.78	45.03	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 62		10620	48.76	-25.24	74	31.45	37.44	19.27	39.4	-	-	P	V
5310MHz		10620	39.59	-14.41	54	22.28	37.44	19.27	39.4	-	-	A	V
		15930	52.45	-21.55	74	32.46	41.24	23.78	45.03	-	-	P	V
		15930	40.33	-13.67	54	20.34	41.24	23.78	45.03	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5123.42	51.12	-22.88	74	39.52	32.55	12.7	33.65	100	290	P	H
		5120.02	42.56	-11.44	54	30.96	32.56	12.69	33.65	100	290	A	H
	*	5290	100.9	-	-	89.32	32.52	12.97	33.91	100	290	P	H
	*	5290	93.72	-	-	82.14	32.52	12.97	33.91	100	290	A	H
		5353.68	62.91	-11.09	74	51.36	32.5	13.06	34.01	100	290	P	H
		5350.56	48.23	-5.77	54	36.69	32.5	13.05	34.01	100	290	A	H
		5068	51.55	-22.45	74	39.99	32.54	12.59	33.57	100	148	P	V
	*	5100.64	41.75	-12.25	54	30.12	32.6	12.65	33.62	100	148	A	V
	*	5290	91.75	-	-	80.17	32.52	12.97	33.91	100	148	P	V
		5290	84.66	-	-	73.08	32.52	12.97	33.91	100	148	A	V
		5351.52	56.71	-17.29	74	45.17	32.5	13.05	34.01	100	148	P	V
		5351.04	43.06	-10.94	54	31.52	32.5	13.05	34.01	100	148	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	48.78	-19.42	68.2	31.57	37.36	19.23	39.38	-	-	P	H
		15870	53.01	-20.99	74	32.84	41.36	23.73	44.92	-	-	P	H
		15870	40.63	-13.37	54	20.46	41.36	23.73	44.92	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac VHT80 CH 58 5290MHz													H
		10580	48.81	-19.39	68.2	31.6	37.36	19.23	39.38	-	-	P	V
		15870	52.47	-21.53	74	32.3	41.36	23.73	44.92	-	-	P	V
		15870	40.52	-13.48	54	20.35	41.36	23.73	44.92	-	-	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 2 5250~5350MHz

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

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5111.3	52.92	-21.08	74	41.3	32.58	12.67	33.63	100	292	P	H
		5120	42.27	-11.73	54	30.67	32.56	12.69	33.65	100	292	A	H
	*	5290	102.77	-	-	91.19	32.52	12.97	33.91	100	292	P	H
	*	5290	93.28	-	-	81.7	32.52	12.97	33.91	100	292	A	H
		5350.08	62.11	-11.89	74	50.57	32.5	13.05	34.01	100	292	P	H
		5350.32	49.47	-4.53	54	37.93	32.5	13.05	34.01	100	292	A	H
		5130.2	50.91	-23.09	74	39.32	32.54	12.71	33.66	119	154	P	V
		5098.4	41.54	-12.46	54	29.9	32.6	12.65	33.61	119	154	A	V
	*	5290	91.96	-	-	80.38	32.52	12.97	33.91	119	154	P	V
	*	5290	83.26	-	-	71.68	32.52	12.97	33.91	119	154	A	V
		5350.32	56.4	-17.6	74	44.86	32.5	13.05	34.01	119	154	P	V
		5354.88	42.85	-11.15	54	31.3	32.5	13.06	34.01	119	154	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	48.81	-19.39	68.2	31.6	37.36	19.23	39.38	-	-	P	H
		15870	52.55	-21.45	74	32.38	41.36	23.73	44.92	-	-	P	H
		15870	43.15	-10.85	54	22.98	41.36	23.73	44.92	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	49.4	-18.8	68.2	32.19	37.36	19.23	39.38	-	-	P	V
5290MHz		15870	53.25	-20.75	74	33.08	41.36	23.73	44.92	-	-	P	V
		15870	43.39	-10.61	54	23.22	41.36	23.73	44.92	-	-	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 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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		5457.68	49.24	-24.76	74	37.57	32.65	13.19	34.17	100	285	P	H
		5469.68	55.07	-13.13	68.2	43.33	32.72	13.21	34.19	100	285	P	H
		5459.44	41.3	-12.7	54	29.63	32.66	13.19	34.18	100	285	A	H
	*	5500	103.92	-	-	92.02	32.9	13.24	34.24	100	285	P	H
	*	5500	96.57	-	-	84.67	32.9	13.24	34.24	100	285	A	H
													H
		5454	48.65	-25.35	74	37.01	32.62	13.19	34.17	302	150	P	V
		5463.76	49.63	-18.57	68.2	37.93	32.68	13.2	34.18	302	150	P	V
		5459.92	40.24	-13.76	54	28.57	32.66	13.19	34.18	302	150	A	V
	*	5500	102.03	-	-	90.13	32.9	13.24	34.24	302	150	P	V
	*	5500	94.76	-	-	82.86	32.9	13.24	34.24	302	150	A	V
													V
802.11a CH 116 5580MHz		5451.28	49.62	-24.38	74	37.99	32.61	13.18	34.16	100	287	P	H
		5468.8	47.65	-20.55	68.2	35.92	32.71	13.21	34.19	100	287	P	H
		5459.44	39.01	-14.99	54	27.34	32.66	13.19	34.18	100	287	A	H
	*	5580	103.77	-	-	91.52	33.2	13.35	34.3	100	287	P	H
	*	5580	96.38	-	-	84.13	33.2	13.35	34.3	100	287	A	H
		5739.17	49.57	-18.63	68.2	36.47	33.94	13.58	34.42	100	287	P	H
		5404.96	47.65	-26.35	74	36.1	32.51	13.13	34.09	309	151	P	V
		5461.84	48.01	-20.19	68.2	36.32	32.67	13.2	34.18	309	151	P	V
		5458.48	38.89	-15.11	54	27.23	32.65	13.19	34.18	309	151	A	V
	*	5580	102.99	-	-	90.74	33.2	13.35	34.3	309	151	P	V
	*	5580	95.79	-	-	83.54	33.2	13.35	34.3	309	151	A	V
		5727.83	51.83	-16.37	68.2	38.81	33.87	13.56	34.41	309	151	P	V

802.11a CH 140 5700MHz	*	5700	102.07	-	-	89.24	33.7	13.52	34.39	239	185	P	H
	*	5700	94.21	-	-	81.38	33.7	13.52	34.39	239	185	A	H
		5727	63.22	-4.98	68.2	50.21	33.86	13.56	34.41	239	185	P	H
													H
													H
													H
	*	5700	103.42	-	-	90.59	33.7	13.52	34.39	400	157	P	V
	*	5700	95.97	-	-	83.14	33.7	13.52	34.39	400	157	A	V
		5725.88	65.32	-2.88	68.2	52.31	33.86	13.56	34.41	400	157	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	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	50.6	-23.4	74	32.68	37.9	19.66	39.64	-	-	P	H
		11000	40.5	-13.5	54	22.58	37.9	19.66	39.64	-	-	A	H
		16500	52.4	-15.8	68.2	32.67	41.2	24.19	45.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	49.73	-24.27	74	31.81	37.9	19.66	39.64	-	-	P	V
		11000	40.88	-13.12	54	22.96	37.9	19.66	39.64	-	-	A	V
		16500	51.9	-16.3	68.2	32.17	41.2	24.19	45.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (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	50.79	-23.21	74	32.39	38.34	19.81	39.75	-	-	P	H
		11160	41.12	-12.88	54	22.72	38.34	19.81	39.75	-	-	A	H
		16740	52.35	-15.85	68.2	32.85	40.98	24.35	45.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	49.71	-24.29	74	31.31	38.34	19.81	39.75	-	-	P	V
		11160	40.89	-13.11	54	22.49	38.34	19.81	39.75	-	-	A	V
		16740	51.78	-16.42	68.2	32.28	40.98	24.35	45.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	50.23	-23.77	74	31.1	39	20.04	39.91	-	-	P	H
		11400	40.54	-13.46	54	21.41	39	20.04	39.91	-	-	A	H
		17100	51.15	-17.05	68.2	31.97	40.7	24.61	46.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	50.09	-23.91	74	30.96	39	20.04	39.91	-	-	P	V
		11400	40.64	-13.36	54	21.51	39	20.04	39.91	-	-	A	V
		17100	51.47	-16.73	68.2	32.29	40.7	24.61	46.13	-	-	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 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5450.64	51.3	-22.7	74	39.68	32.6	13.18	34.16	100	287	P	H
		5467.44	51.5	-16.7	68.2	39.79	32.7	13.2	34.19	100	287	P	H
		5459.92	42.52	-11.48	54	30.85	32.66	13.19	34.18	100	287	A	H
	*	5500	103.67	-	-	91.77	32.9	13.24	34.24	100	287	P	H
802.11n	*	5500	96.76	-	-	84.86	32.9	13.24	34.24	100	287	A	H
HT20													H
CH 100		5453.2	48.68	-25.32	74	37.04	32.62	13.19	34.17	328	151	P	V
5500MHz		5468.88	55.71	-12.49	68.2	43.98	32.71	13.21	34.19	328	151	P	V
		5459.6	40.4	-13.6	54	28.73	32.66	13.19	34.18	328	151	A	V
	*	5500	101.86	-	-	89.96	32.9	13.24	34.24	328	151	P	V
	*	5500	94.93	-	-	83.03	32.9	13.24	34.24	328	151	A	V
													V
		5377.84	48.06	-25.94	74	36.52	32.5	13.09	34.05	101	288	P	H
		5463.76	47.67	-20.53	68.2	35.97	32.68	13.2	34.18	101	288	P	H
		5453.68	39.07	-14.93	54	27.43	32.62	13.19	34.17	101	288	A	H
	*	5580	103.01	-	-	90.76	33.2	13.35	34.3	101	288	P	H
802.11n	*	5580	96	-	-	83.75	33.2	13.35	34.3	101	288	A	H
HT20		5732.24	51.21	-16.99	68.2	38.17	33.89	13.57	34.42	101	288	P	H
CH 116		5439.04	48.42	-25.58	74	36.81	32.58	13.17	34.14	309	152	P	V
5580MHz		5464.24	47.61	-20.59	68.2	35.9	32.69	13.2	34.18	309	152	P	V
		5456.56	38.88	-15.12	54	27.22	32.64	13.19	34.17	309	152	A	V
	*	5580	102.99	-	-	90.74	33.2	13.35	34.3	309	152	P	V
	*	5580	95.63	-	-	83.38	33.2	13.35	34.3	309	152	A	V
		5726.885	49.82	-18.38	68.2	36.81	33.86	13.56	34.41	309	152	P	V

	*	5700	100.94	-	-	88.11	33.7	13.52	34.39	175	183	P	H
	*	5700	93.94	-	-	81.11	33.7	13.52	34.39	175	183	A	H
		5727.88	62.4	-5.8	68.2	49.38	33.87	13.56	34.41	175	183	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	102.99	-	-	90.16	33.7	13.52	34.39	400	157	P	V
5700MHz	*	5700	95.52	-	-	82.69	33.7	13.52	34.39	400	157	A	V
		5725.48	64.05	-4.15	68.2	51.05	33.85	13.56	34.41	400	157	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.09	-24.91	74	31.17	37.9	19.66	39.64	-	-	P	H
		11000	40.39	-13.61	54	22.47	37.9	19.66	39.64	-	-	A	H
		16500	51.9	-16.3	68.2	32.17	41.2	24.19	45.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 100		11000	49.89	-24.11	74	31.97	37.9	19.66	39.64	-	-	P	V
5500MHz		11000	40.55	-13.45	54	22.63	37.9	19.66	39.64	-	-	A	V
		16500	52.05	-16.15	68.2	32.32	41.2	24.19	45.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	49.69	-24.31	74	31.29	38.34	19.81	39.75	-	-	P	H
		11160	40.75	-13.25	54	22.35	38.34	19.81	39.75	-	-	A	H
		16740	51.34	-16.86	68.2	31.84	40.98	24.35	45.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 116		11160	49.55	-24.45	74	31.15	38.34	19.81	39.75	-	-	P	V
5580MHz		11160	40.91	-13.09	54	22.51	38.34	19.81	39.75	-	-	A	V
		16740	52.29	-15.91	68.2	32.79	40.98	24.35	45.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	50.17	-23.83	74	31.04	39	20.04	39.91	-	-	P	H
		11400	40.62	-13.38	54	21.49	39	20.04	39.91	-	-	A	H
		17100	50.16	-18.04	68.2	30.98	40.7	24.61	46.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT20													H
CH 140		11400	49.52	-24.48	74	30.39	39	20.04	39.91	-	-	P	V
5700MHz		11400	40.75	-13.25	54	21.62	39	20.04	39.91	-	-	A	V
		17100	51.03	-17.17	68.2	31.85	40.7	24.61	46.13	-	-	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 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5458	51.02	-22.98	74	39.35	32.65	13.19	34.17	104	285	P	H
		5470	53.25	-14.95	68.2	41.51	32.72	13.21	34.19	104	285	P	H
		5459.92	42.39	-11.61	54	30.72	32.66	13.19	34.18	104	285	A	H
	*	5510	99.66	-	-	87.69	32.96	13.26	34.25	104	285	P	H
	*	5510	92.64	-	-	80.67	32.96	13.26	34.25	104	285	A	H
		5763.11	49.72	-18.48	68.2	36.55	34	13.61	34.44	104	285	P	H
		5455.6	48.88	-25.12	74	37.23	32.63	13.19	34.17	314	150	P	V
		5460.88	48.61	-19.59	68.2	36.92	32.67	13.2	34.18	314	150	P	V
		5459.92	40.68	-13.32	54	29.01	32.66	13.19	34.18	314	150	A	V
	*	5510	98.32	-	-	86.35	32.96	13.26	34.25	314	150	P	V
	*	5510	91.37	-	-	79.4	32.96	13.26	34.25	314	150	A	V
		5733.5	49.71	-18.49	68.2	36.66	33.9	13.57	34.42	314	150	P	V
802.11n HT40 CH 110 5550MHz		5458.24	49.07	-24.93	74	37.4	32.65	13.19	34.17	101	286	P	H
		5468.32	48.55	-19.65	68.2	36.82	32.71	13.21	34.19	101	286	P	H
		5459.2	39.42	-14.58	54	27.75	32.66	13.19	34.18	101	286	A	H
	*	5550	100.83	-	-	88.6	33.2	13.31	34.28	101	286	P	H
	*	5550	93.44	-	-	81.21	33.2	13.31	34.28	101	286	A	H
		5728.775	50.51	-17.69	68.2	37.49	33.87	13.56	34.41	101	286	P	H
		5417.2	47.91	-26.09	74	36.35	32.53	13.14	34.11	297	151	P	V
		5466.4	46.65	-21.55	68.2	34.94	32.7	13.2	34.19	297	151	P	V
		5454.16	39.24	-14.76	54	27.6	32.62	13.19	34.17	297	151	A	V
	*	5550	99.73	-	-	87.5	33.2	13.31	34.28	297	151	P	V
	*	5550	92.51	-	-	80.28	33.2	13.31	34.28	297	151	A	V
		5734.445	50.94	-17.26	68.2	37.88	33.91	13.57	34.42	297	151	P	V

		5360.85	48.74	-25.26	74	37.19	32.5	13.07	34.02	119	288	P	H
		5466.9	47.04	-21.16	68.2	35.33	32.7	13.2	34.19	119	288	P	H
		5459.55	39.32	-14.68	54	27.65	32.66	13.19	34.18	119	288	A	H
	*	5670	99.64	-	-	86.95	33.58	13.48	34.37	119	288	P	H
802.11n	*	5670	91.99	-	-	79.3	33.58	13.48	34.37	119	288	A	H
HT40		5725.975	54.07	-14.13	68.2	41.06	33.86	13.56	34.41	119	288	P	H
CH 134		5365.4	48.41	-25.59	74	36.87	32.5	13.07	34.03	297	155	P	V
5670MHz		5464.8	46.92	-21.28	68.2	35.22	32.69	13.2	34.19	297	155	P	V
		5459.9	39.24	-14.76	54	27.57	32.66	13.19	34.18	297	155	A	V
	*	5670	100.28	-	-	87.59	33.58	13.48	34.37	297	155	P	V
	*	5670	92.71	-	-	80.02	33.58	13.48	34.37	297	155	A	V
		5740.85	51.46	-16.74	68.2	38.35	33.95	13.58	34.42	297	155	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.91	-24.09	74	31.89	37.98	19.69	39.65	-	-	P	H
		11020	40.22	-13.78	54	22.2	37.98	19.69	39.65	-	-	A	H
		16530	52.43	-15.77	68.2	32.7	41.2	24.21	45.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 102		11020	49.77	-24.23	74	31.75	37.98	19.69	39.65	-	-	P	V
5510MHz		11020	40.66	-13.34	54	22.64	37.98	19.69	39.65	-	-	A	V
		16530	53.14	-15.06	68.2	33.41	41.2	24.21	45.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	50.22	-23.78	74	31.97	38.2	19.76	39.71	-	-	P	H
		11100	40.56	-13.44	54	22.31	38.2	19.76	39.71	-	-	A	H
		16650	50.81	-17.39	68.2	31.39	40.9	24.29	45.77	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 110		11100	51.07	-22.93	74	32.82	38.2	19.76	39.71	-	-	P	V
5550MHz		11100	40.71	-13.29	54	22.46	38.2	19.76	39.71	-	-	A	V
		16650	51.46	-16.74	68.2	32.04	40.9	24.29	45.77	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	49.75	-24.25	74	30.76	38.88	19.98	39.87	-	-	P	H
		11340	40.41	-13.59	54	21.42	38.88	19.98	39.87	-	-	A	H
		17010	52.77	-15.43	68.2	33.38	40.88	24.54	46.03	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11n													H
HT40													H
CH 134		11340	50.13	-23.87	74	31.14	38.88	19.98	39.87	-	-	P	V
5670MHz		11340	40.58	-13.42	54	21.59	38.88	19.98	39.87	-	-	A	V
		17010	51.15	-17.05	68.2	31.76	40.88	24.54	46.03	-	-	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5434.48	56.09	-17.91	74	44.5	32.57	13.16	34.14	115	286	P	H
		5469.04	57.34	-10.86	68.2	45.61	32.71	13.21	34.19	115	286	P	H
		5454.16	44.97	-9.03	54	33.33	32.62	13.19	34.17	115	286	A	H
	*	5530	97.61	-	-	85.51	33.08	13.28	34.26	115	286	P	H
	*	5530	90.26	-	-	78.16	33.08	13.28	34.26	115	286	A	H
		5753.345	50.24	-17.96	68.2	37.07	34	13.6	34.43	115	286	P	H
		5459.2	52.16	-21.84	74	40.49	32.66	13.19	34.18	299	150	P	V
		5465.44	51.54	-16.66	68.2	39.84	32.69	13.2	34.19	299	150	P	V
		5459.68	42.53	-11.47	54	30.86	32.66	13.19	34.18	299	150	A	V
	*	5530	96.74	-	-	84.64	33.08	13.28	34.26	299	150	P	V
	*	5530	89.15	-	-	77.05	33.08	13.28	34.26	299	150	A	V
		5747.99	50.63	-17.57	68.2	37.48	33.99	13.59	34.43	299	150	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	51.15	-22.85	74	32.99	38.12	19.72	39.68	-	-	P	H
		11060	40.49	-13.51	54	22.33	38.12	19.72	39.68	-	-	A	H
		16590	52.32	-15.88	68.2	32.67	41.12	24.25	45.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 106		11060	50.62	-23.38	74	32.46	38.12	19.72	39.68	-	-	P	V
5530MHz		11060	40.58	-13.42	54	22.42	38.12	19.72	39.68	-	-	A	V
		16590	51.95	-16.25	68.2	32.3	41.12	24.25	45.72	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5700	101.32	-	-	88.49	33.7	13.52	34.39	114	151	P	H
	*	5700	93.06	-	-	80.23	33.7	13.52	34.39	114	151	A	H
		5727.16	60.67	-7.53	68.2	47.66	33.86	13.56	34.41	114	151	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	103.73	-	-	90.9	33.7	13.52	34.39	336	83	P	V
5700MHz	*	5700	93.69	-	-	80.86	33.7	13.52	34.39	336	83	A	V
		5725.32	63.76	-4.44	68.2	50.76	33.85	13.56	34.41	336	83	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	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (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	50.16	-23.84	74	31.03	39	20.04	39.91	-	-	P	H
		11400	42.24	-11.76	54	23.11	39	20.04	39.91	-	-	A	H
		17100	53.16	-15.04	68.2	33.98	40.7	24.61	46.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	50.5	-23.5	74	31.37	39	20.04	39.91	-	-	P	V
5700MHz		11400	42.34	-11.66	54	23.21	39	20.04	39.91	-	-	A	V
		17100	53.74	-14.46	68.2	34.56	40.7	24.61	46.13	-	-	P	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 above 18GHz

WIFI 802.11n HT20 (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 SHF		39650	51.91	-22.09	74	42.66	45.3	27.91	63.96	-	-	P	H
		39650	38.71	-15.29	54	29.46	45.3	27.91	63.96	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		39580	51.77	-22.23	74	42.46	45.38	27.86	63.93	-	-	P	V
		39580	38.99	-15.01	54	29.68	45.38	27.86	63.93	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		96.96	28.34	-15.16	43.5	43.61	15.7	1.76	32.73	-	-	P	H
		135.84	24.94	-18.56	43.5	37.94	17.65	2.05	32.7	-	-	P	H
		185.52	33.06	-10.44	43.5	48.48	14.78	2.47	32.67	-	-	P	H
		332.9	30.54	-15.46	46	40.25	19.79	3.24	32.74	-	-	P	H
		605.2	34.09	-11.91	46	36.68	25.81	4.41	32.81	-	-	P	H
		846	32.95	-13.05	46	30.87	29.06	5.24	32.22	-	-	P	H
													H
													H
													H
													H
													H
													H
		96.96	27.26	-16.24	43.5	42.53	15.7	1.76	32.73	-	-	P	V
		146.64	30.39	-13.11	43.5	43.7	17.26	2.14	32.71	-	-	P	V
		176.34	29.25	-14.25	43.5	44.27	15.24	2.42	32.68	-	-	P	V
		309.8	27.23	-18.77	46	37.5	19.34	3.12	32.73	-	-	P	V
		601	33.36	-12.64	46	36.02	25.76	4.39	32.81	-	-	P	V
		750.1	30.89	-15.11	46	30.44	28.23	4.89	32.67	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= Leve(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54 (dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

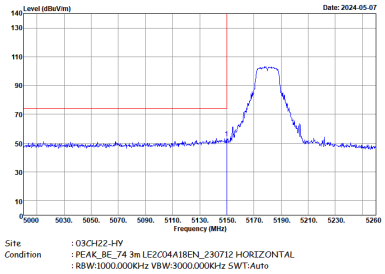
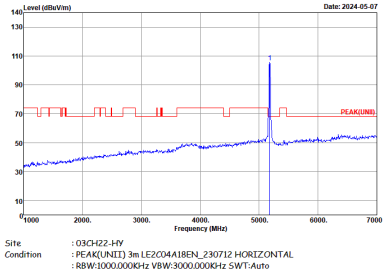
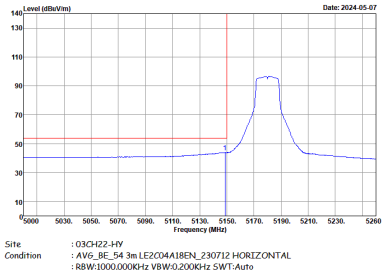
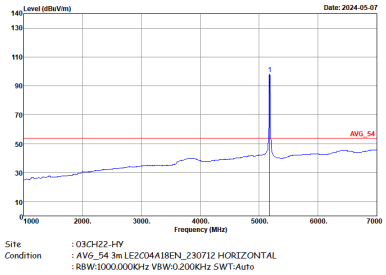
Test Engineer :	Bank Lin, Ken Kuo and Karl Hou	**Temperature :**	21.3~23.5°C
		Relative Humidity :	51.0~58.0%

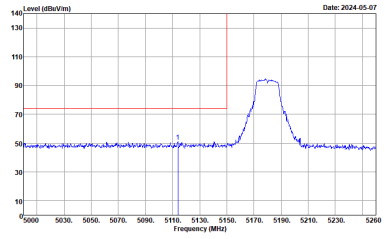
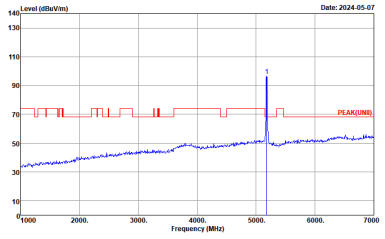
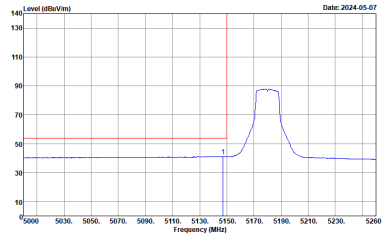
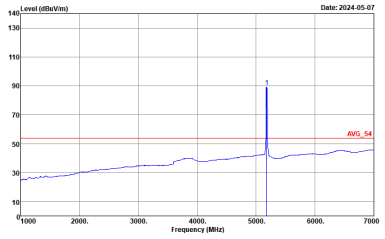
Note symbol

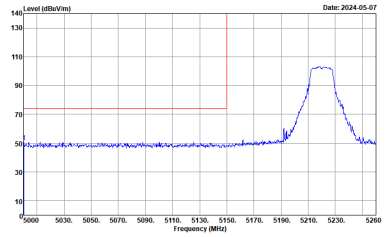
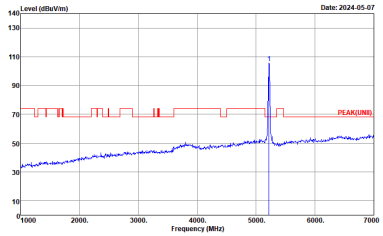
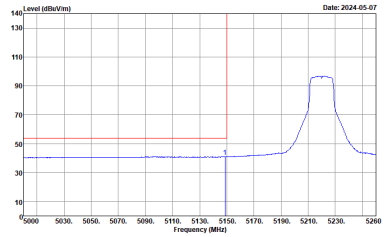
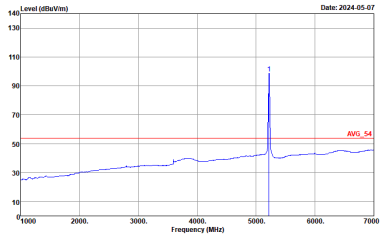
-L	**Low channel location**
-R	**High channel location**

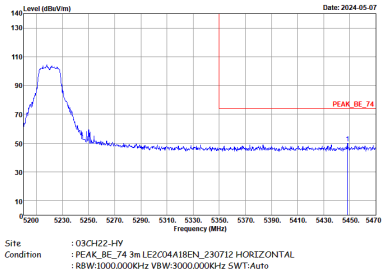
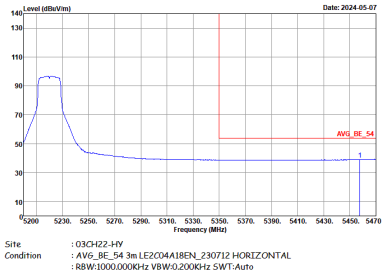
Band 1 - 5150~5250MHz

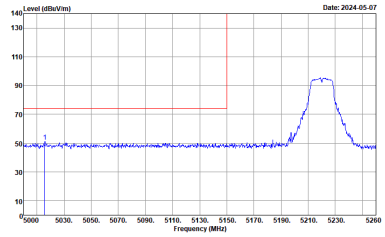
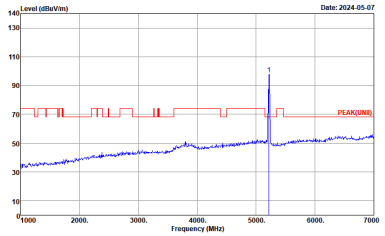
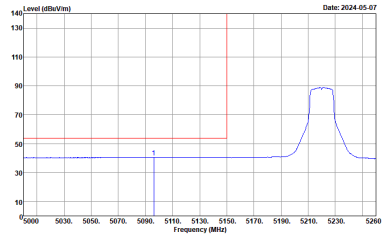
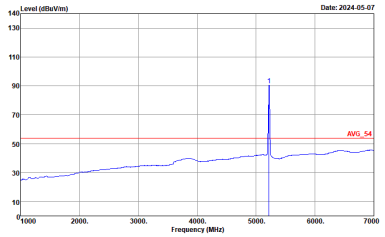
WIFI 802.11a (Band Edge @ 3m)

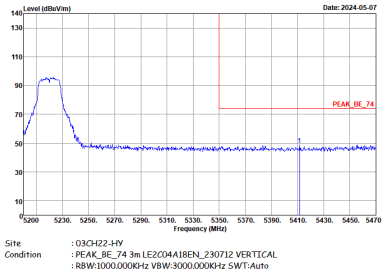
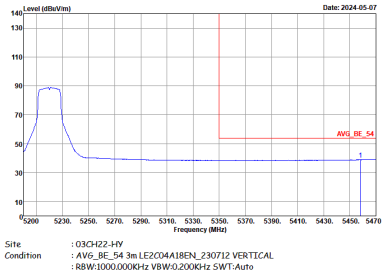
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH36 5180MHz	
	Horizontal	Fundamental
Peak		
Avg.		

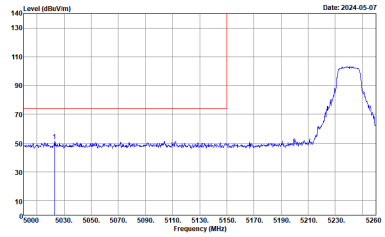
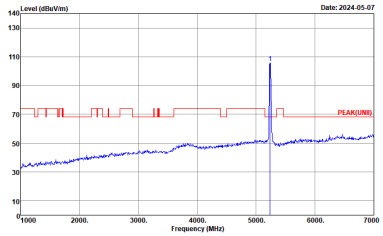
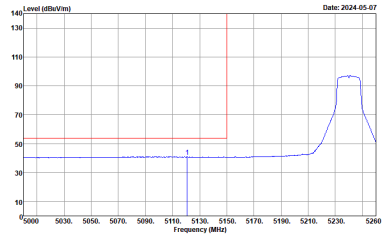
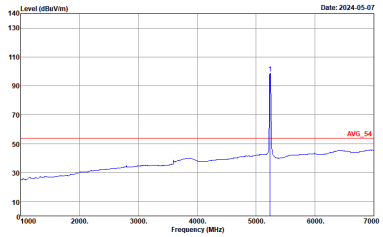
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH36 5180MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

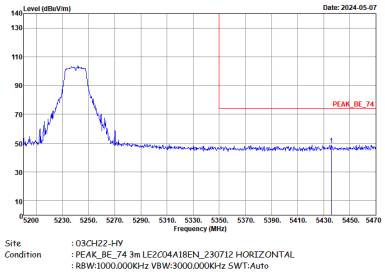
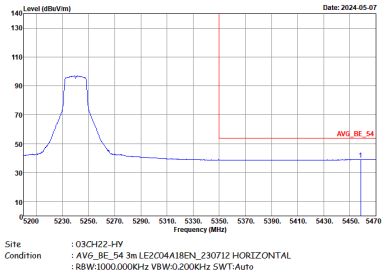
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH44 5220MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

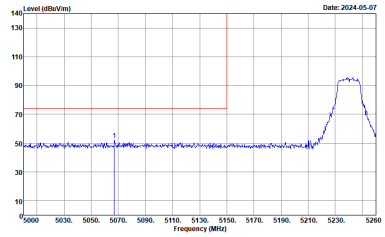
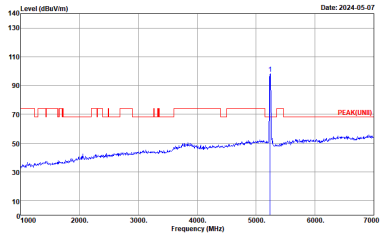
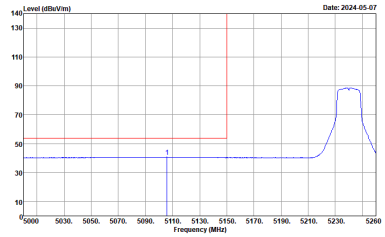
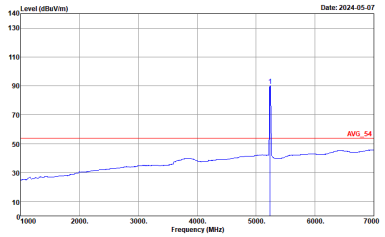
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH44 5220MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

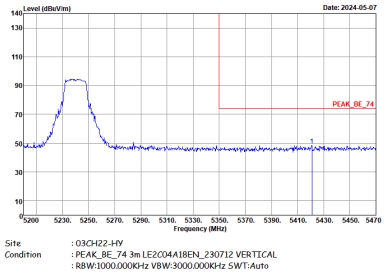
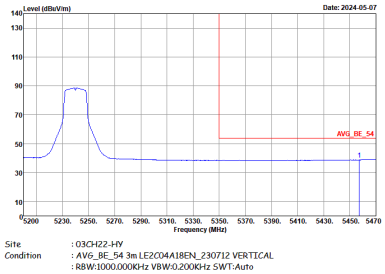
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH44 5220MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

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

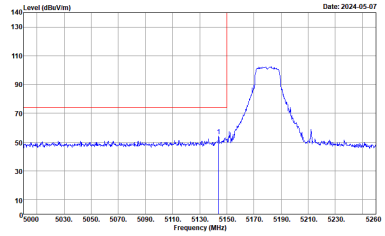
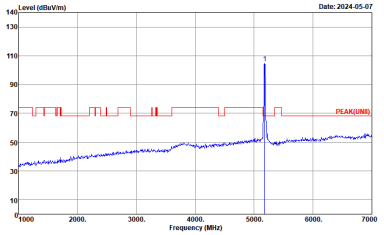
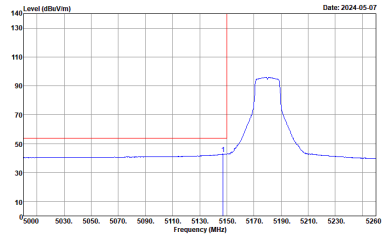
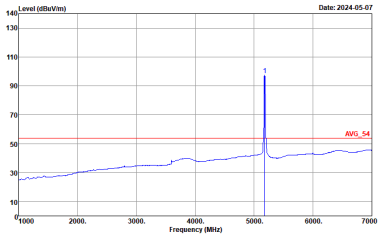
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH48 5240MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

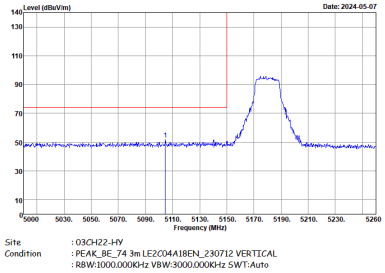
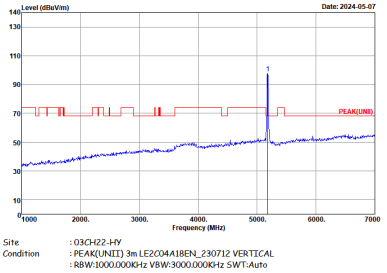
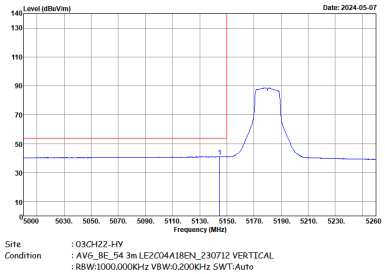
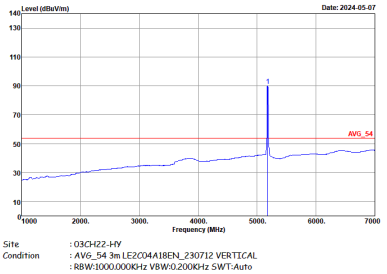
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH48 5240MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

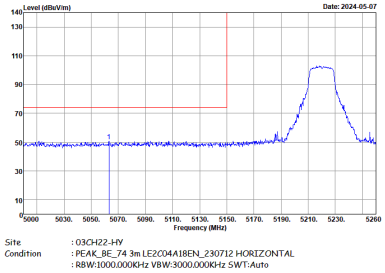
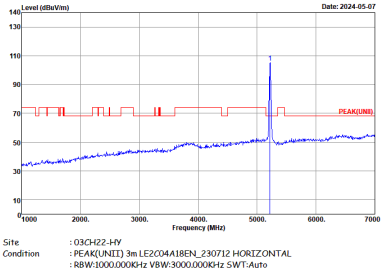
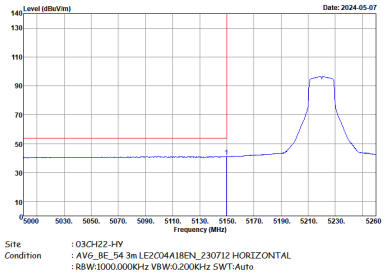
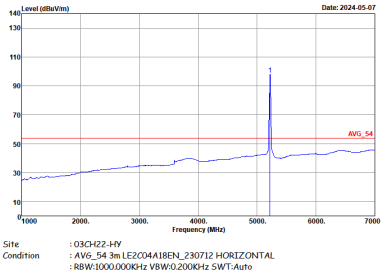
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH48 5240MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

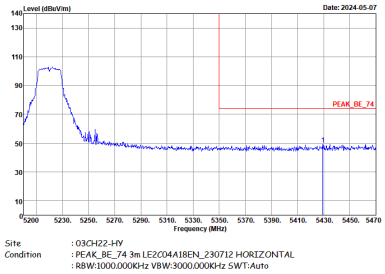
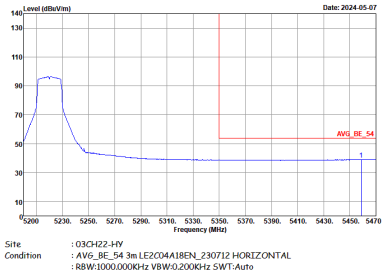
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11a CH48 5240MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

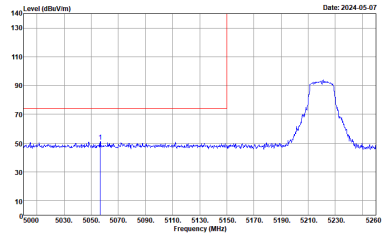
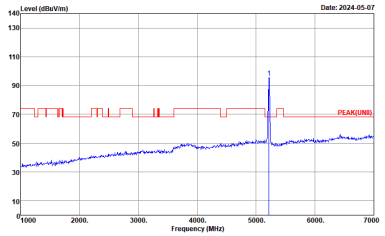
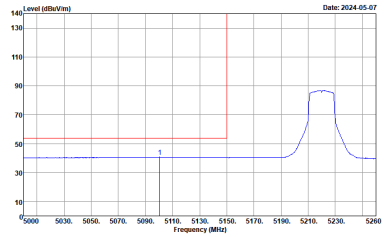
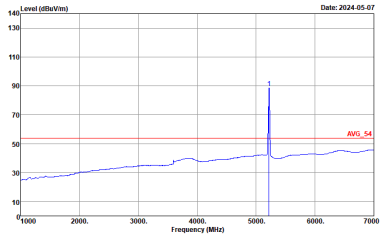
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

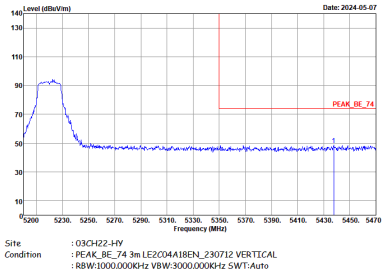
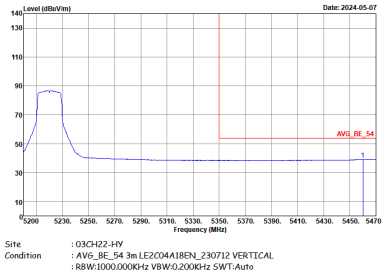
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH36 5180MHz	
	Horizontal	Fundamental
Peak		
Avg.		

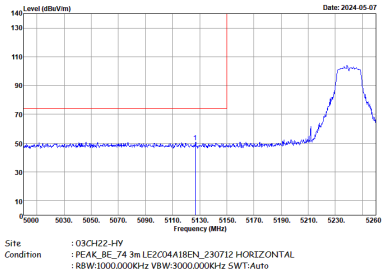
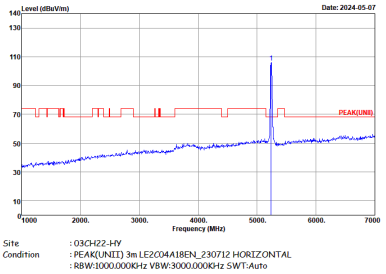
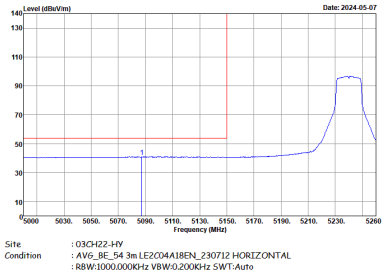
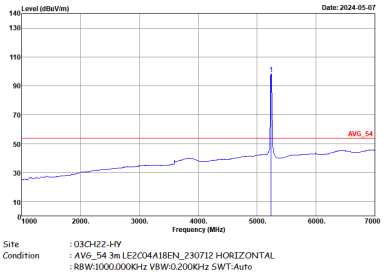
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH36 5180MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

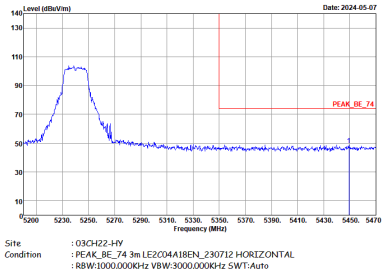
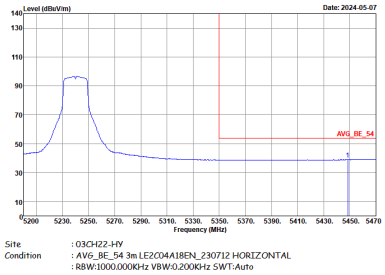
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

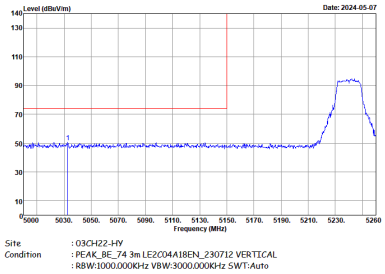
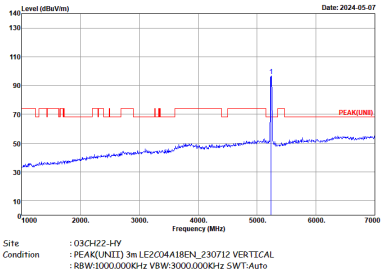
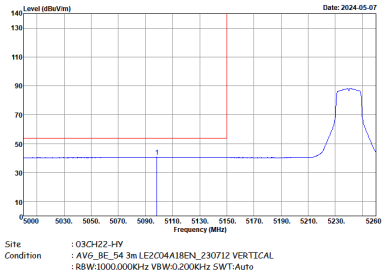
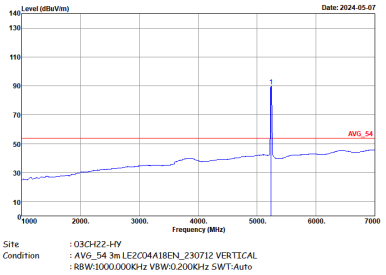
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

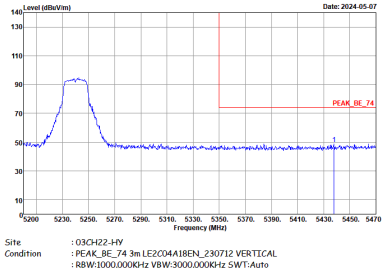
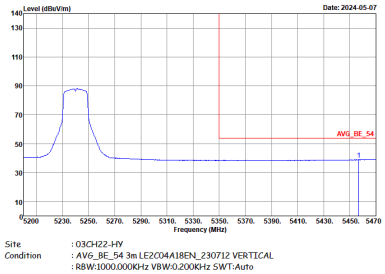
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH44 5220MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

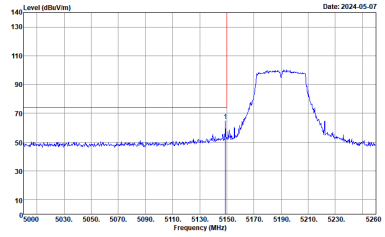
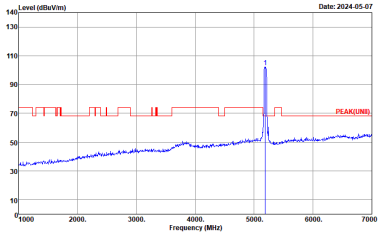
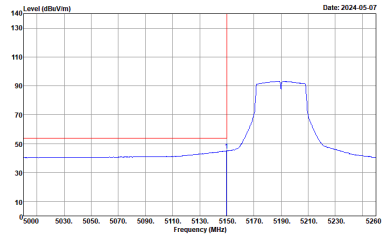
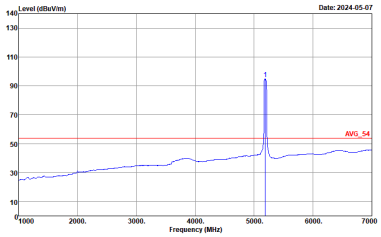
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH48 5240MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

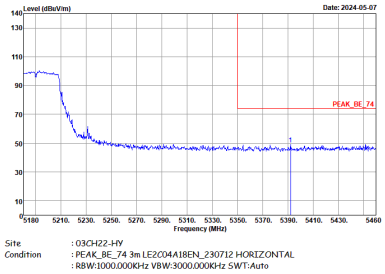
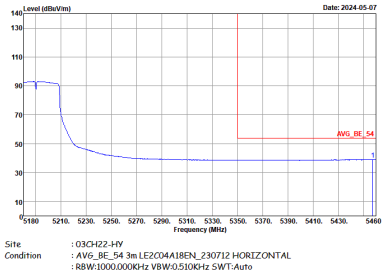
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH48 5240MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

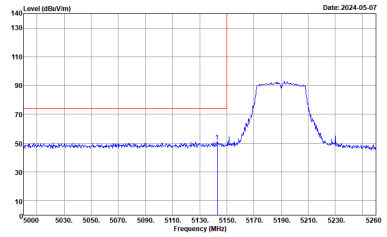
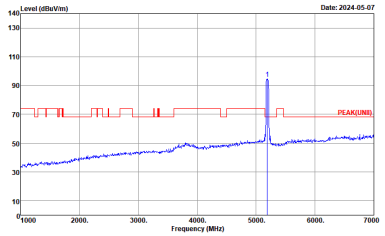
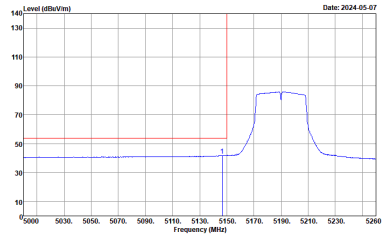
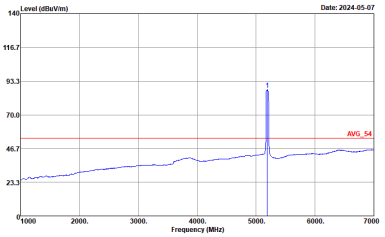
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH48 5240MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

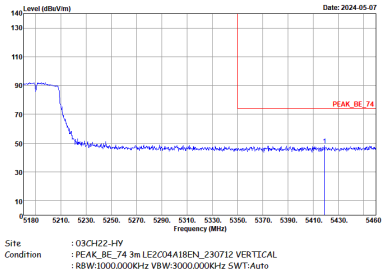
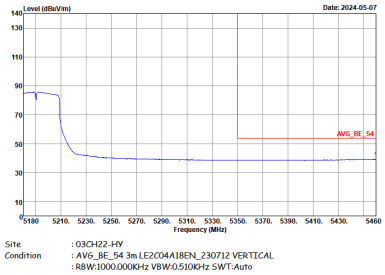
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT20 CH48 5240MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

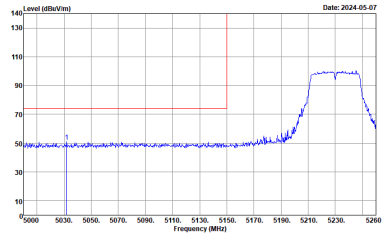
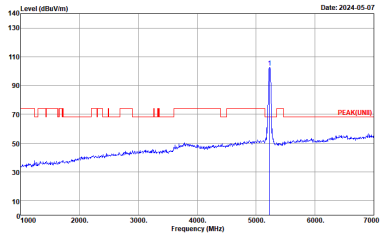
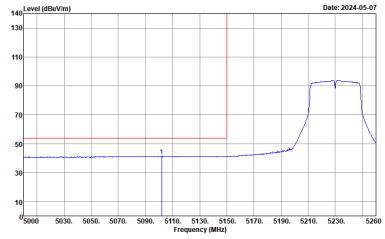
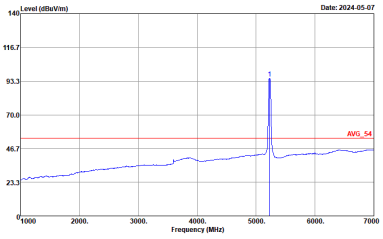
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

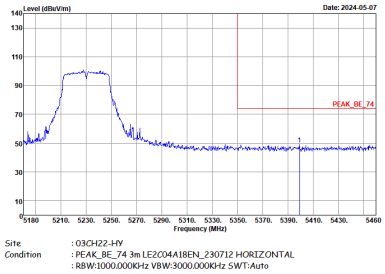
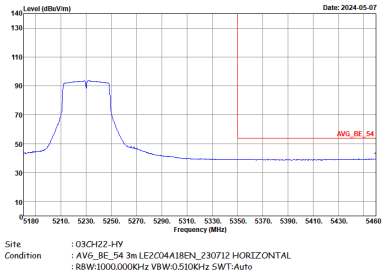
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH38 5190MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto

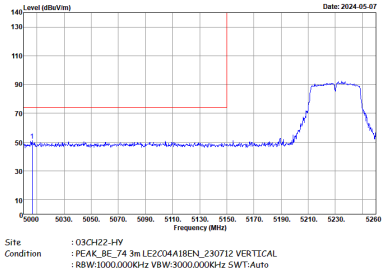
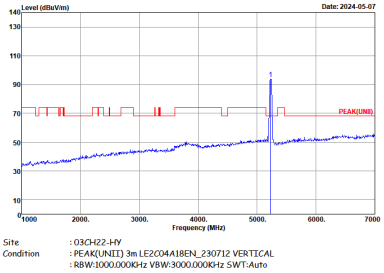
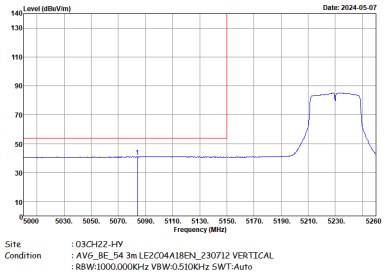
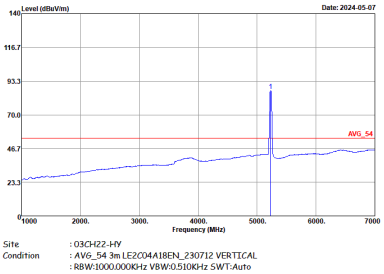
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH38 5190MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

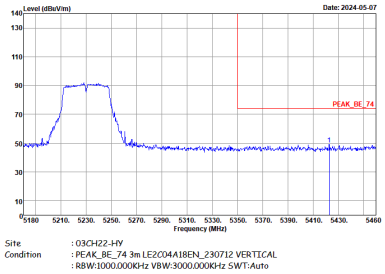
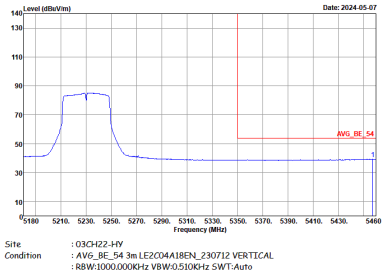
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH38 5190MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto

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

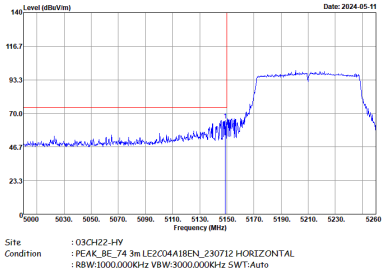
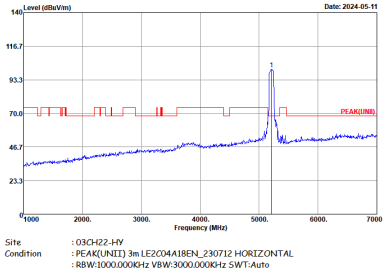
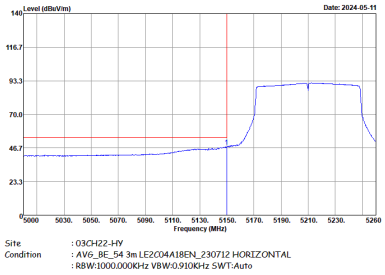
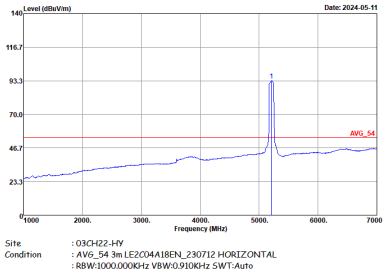
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH46 5230MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto

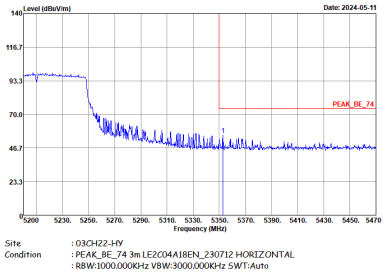
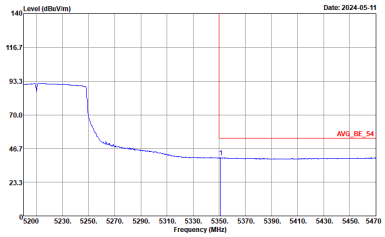
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH46 5230MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

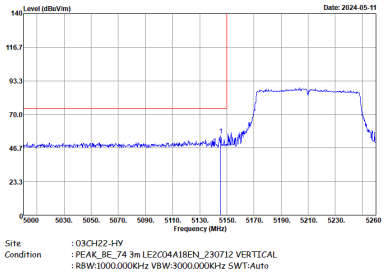
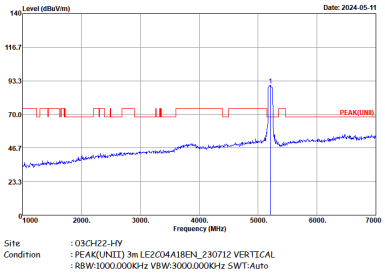
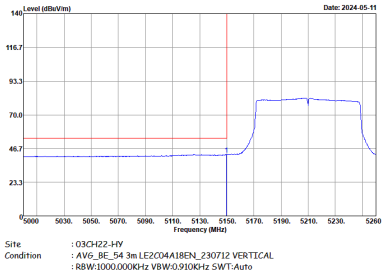
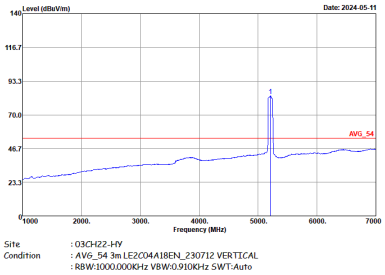
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH46 5230MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto

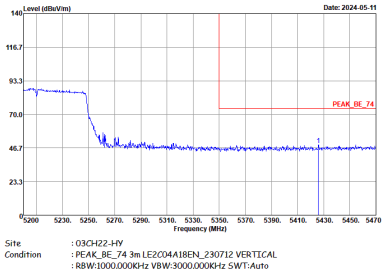
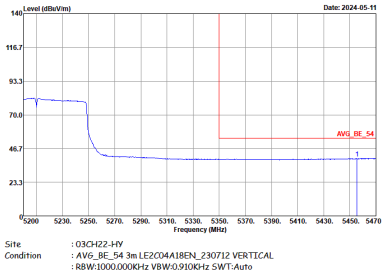
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11n HT40 CH46 5230MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

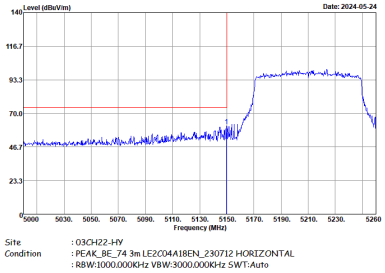
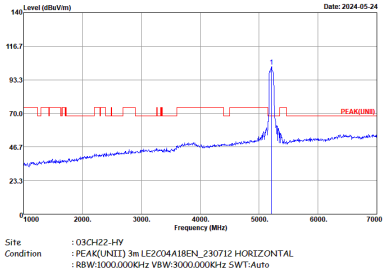
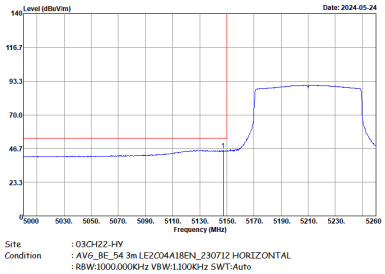
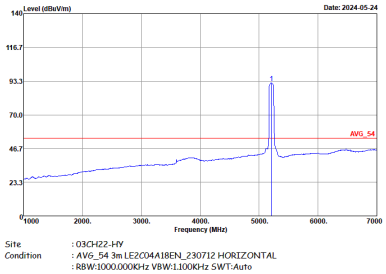
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ac VHT80 CH42 5210MHz - L	
	Horizontal	Fundamental
Peak		
Avg.		

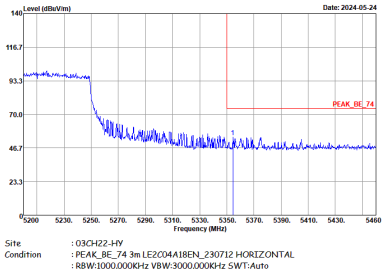
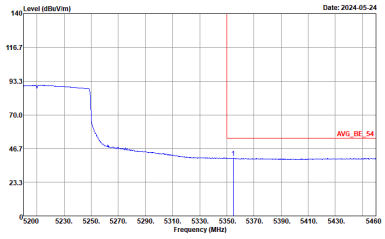
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ac VHT80 CH42 5210MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.910KHz SWT:Auto	Left blank

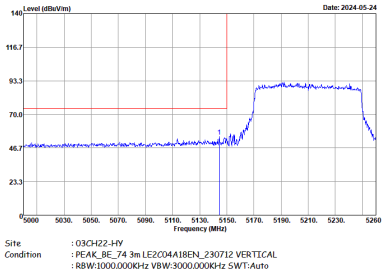
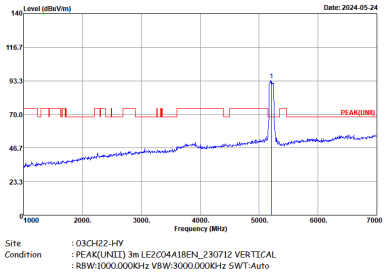
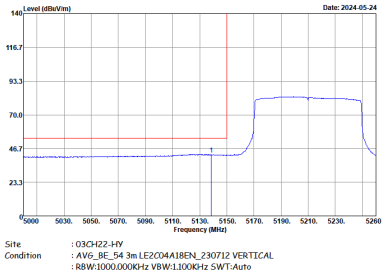
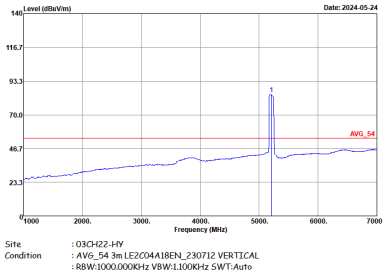
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ac VHT80 CH42 5210MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.910KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.910KHz SWT:Auto

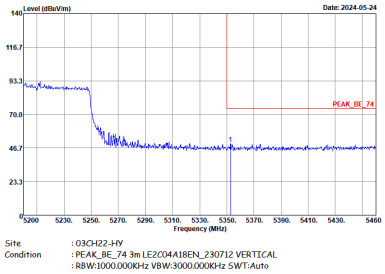
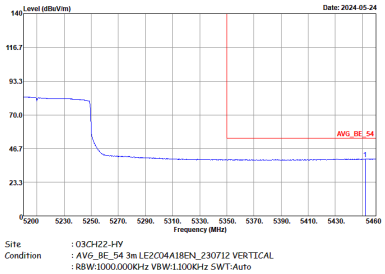
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ac VHT80 CH42 5210MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

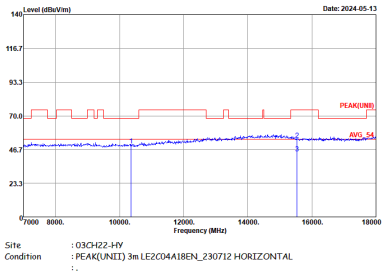
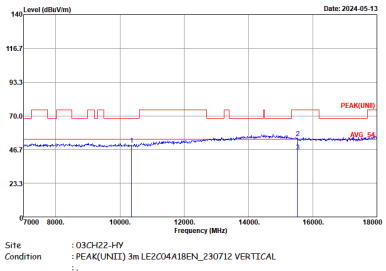
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ax HE80 Full CH42 5210MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1100KHz SWT:Auto	Left blank

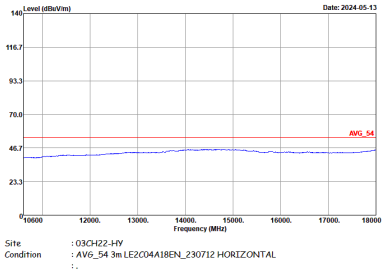
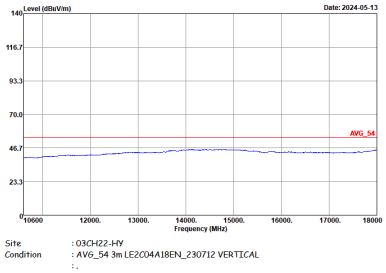
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ax HE80 Full CH42 5210MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1100KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1100KHz SWT:Auto

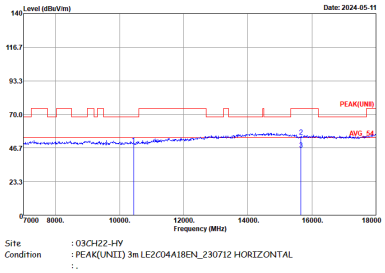
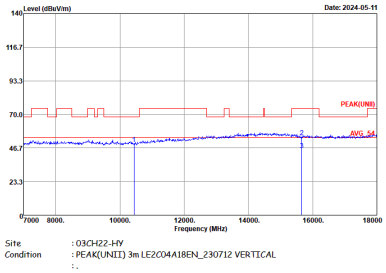
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
	802.11ax HE80 Full CH42 5210MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1100KHz SWT:Auto	Left blank

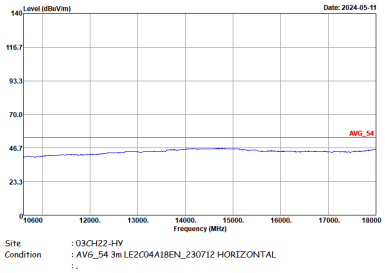
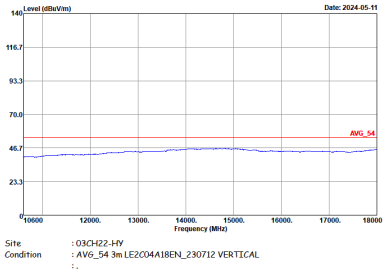
Band 1 - 5150~5250MHz

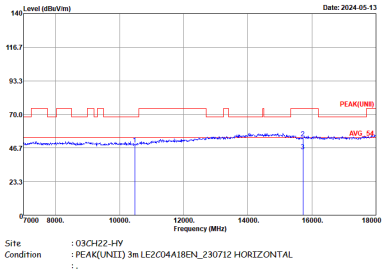
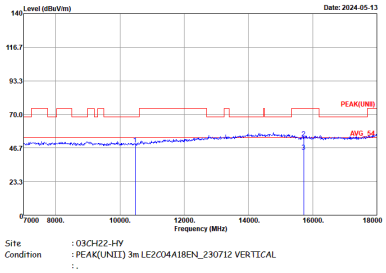
WIFI 802.11a (Harmonic @ 3m)

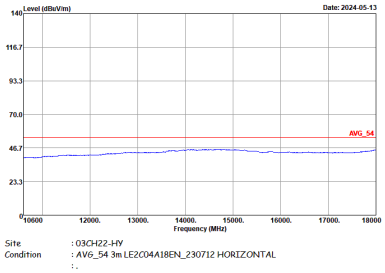
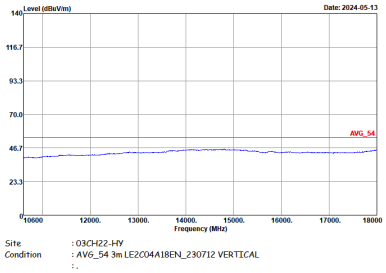
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH36 5180MHz	
	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH36 5180MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

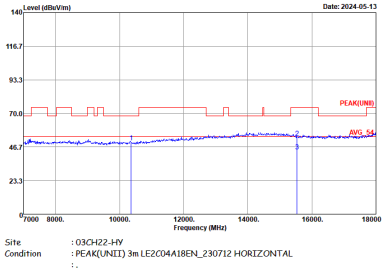
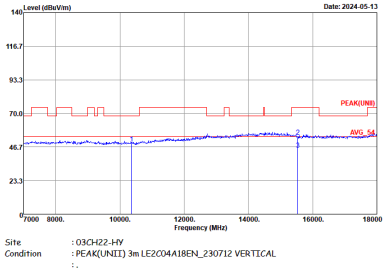
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH44 5220MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : .	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : .

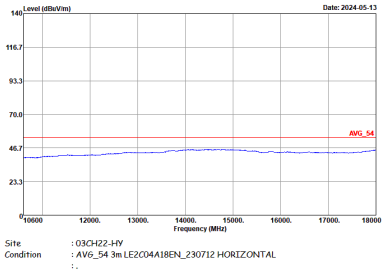
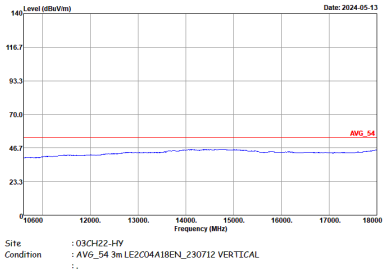
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH44 5220MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

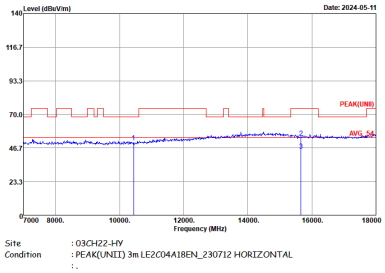
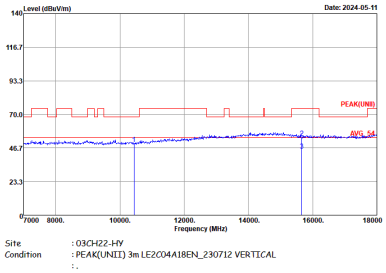
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH48 5240MHz	
	Horizontal	Vertical
Peak Avg.		

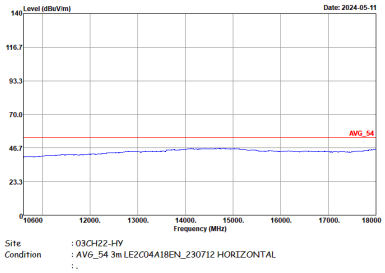
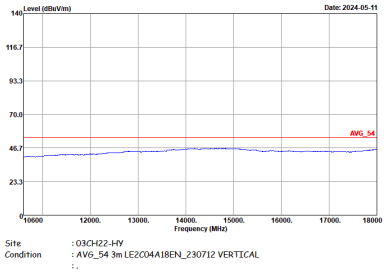
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11a CH48 5240MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

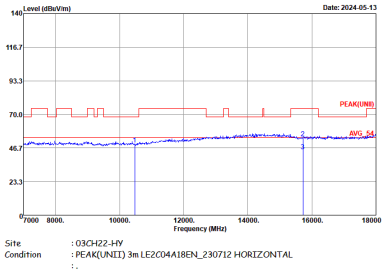
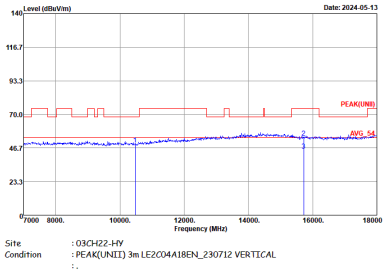
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

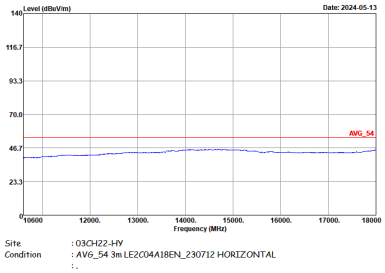
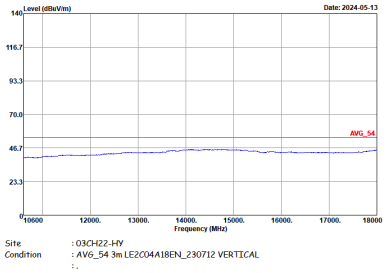
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH36 5180MHz	
	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH36 5180MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

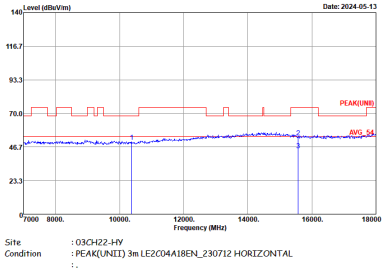
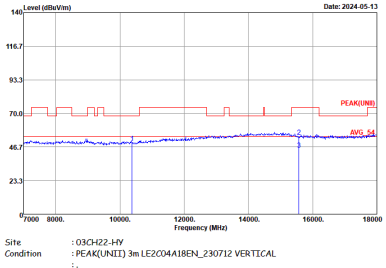
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH44 5220MHz	
	Horizontal	Vertical
Peak Avg.		

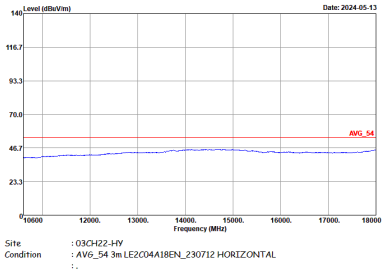
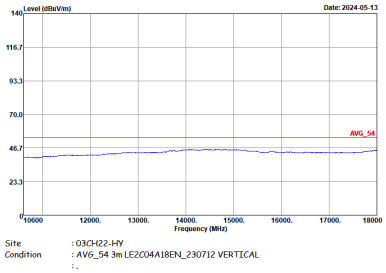
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH44 5220MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

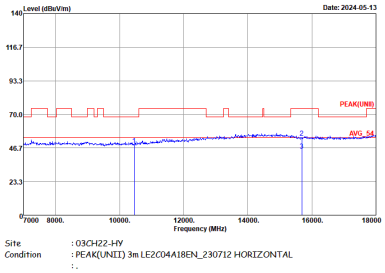
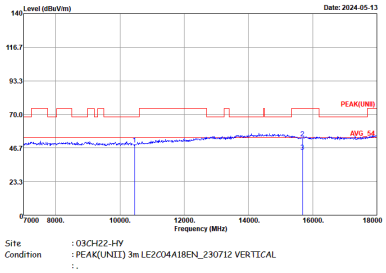
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH48 5240MHz	
	Horizontal	Vertical
Peak Avg.		

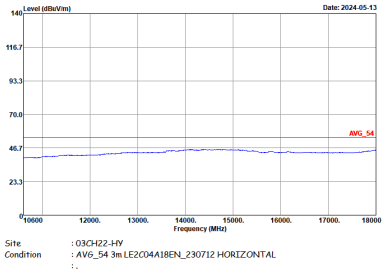
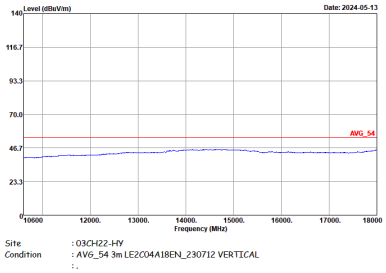
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT20 CH48 5240MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

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

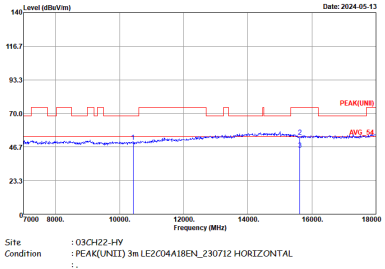
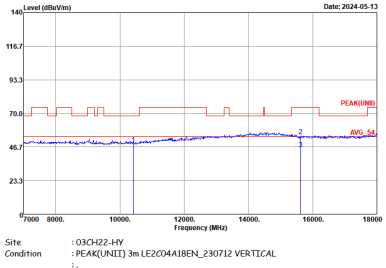
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT40 CH38 5190MHz	
	Horizontal	Vertical
Peak Avg.		

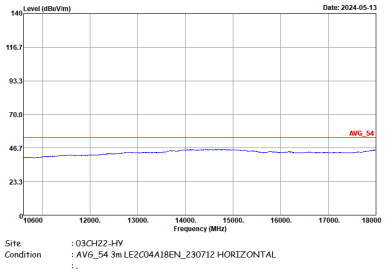
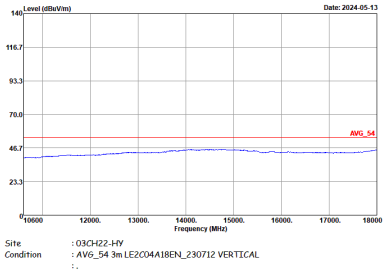
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT40 CH38 5190MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT40 CH46 5230MHz	
	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11n HT40 CH46 5230MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

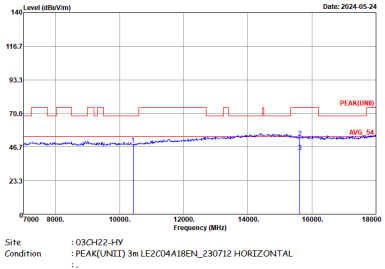
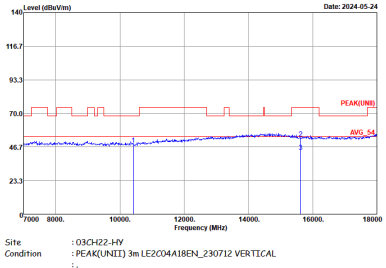
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

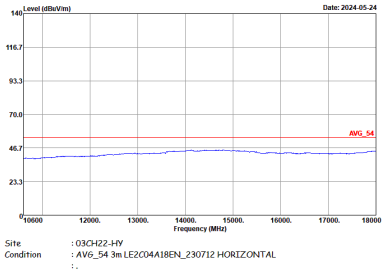
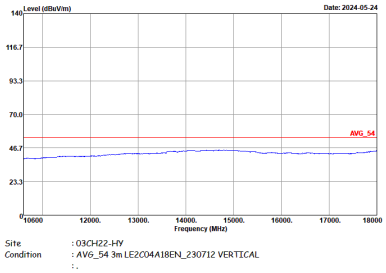
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11ac VHT80 CH42 5210MHz	
	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11ac VHT80 CH42 5210MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

Band 1 5150~5250MHz

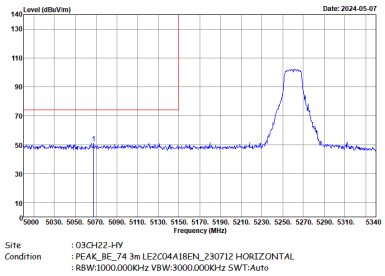
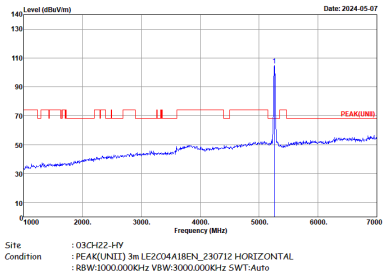
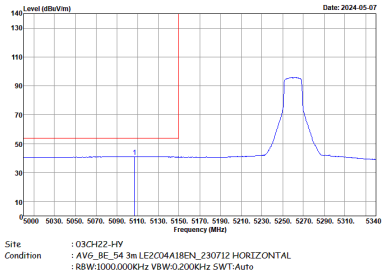
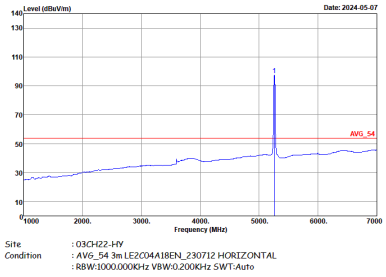
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

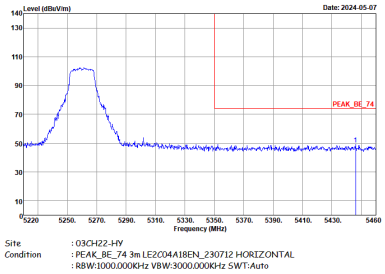
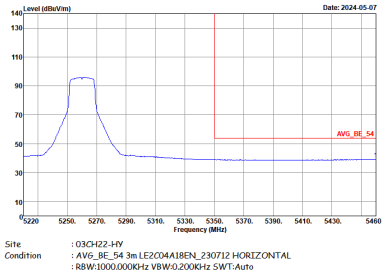
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11ax HE80 Full CH42 5210MHz	
	Horizontal	Vertical
Peak Avg.		

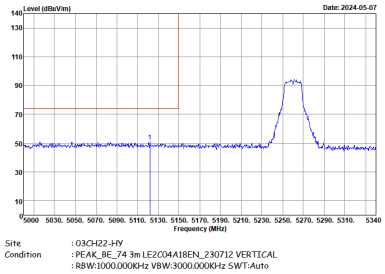
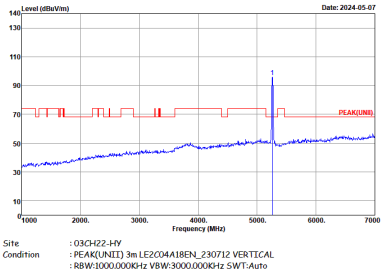
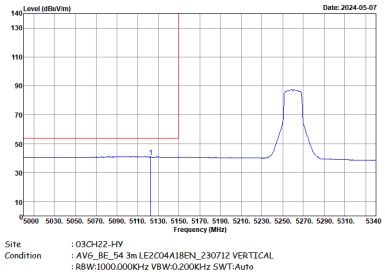
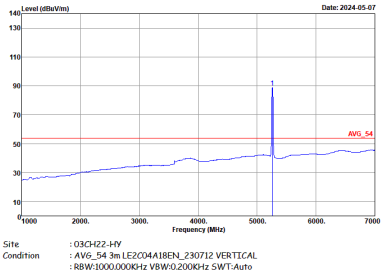
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
	802.11ax HE80 Full CH42 5210MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

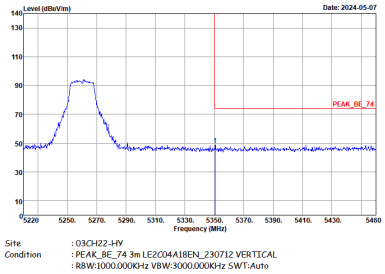
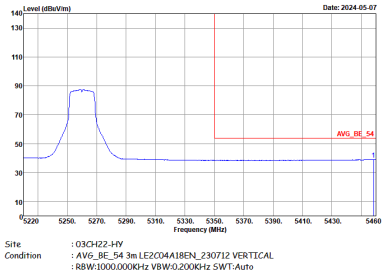
Band 2 - 5250~5350MHz

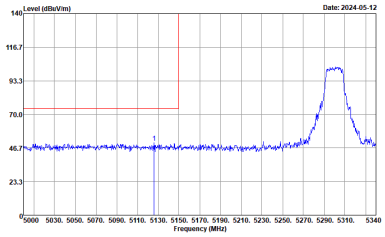
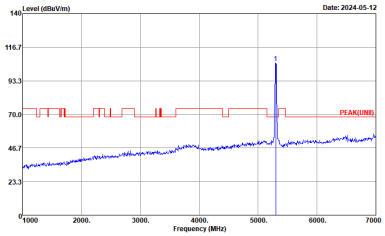
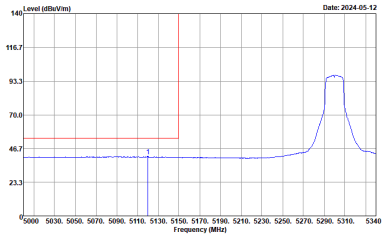
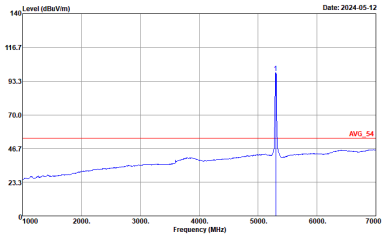
WIFI 802.11a (Band Edge @ 3m)

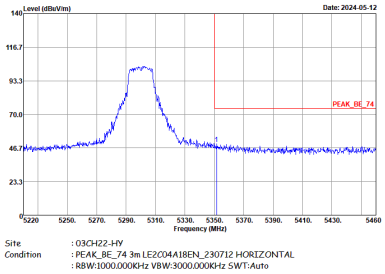
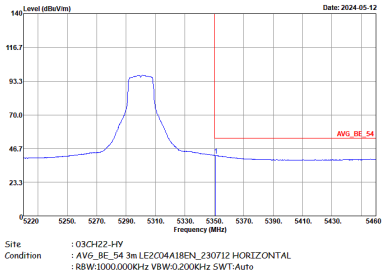
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH52 5260MHz - L	
	Horizontal	Fundamental
Peak		
Avg.		

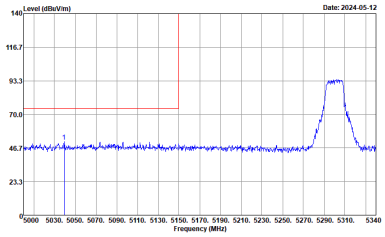
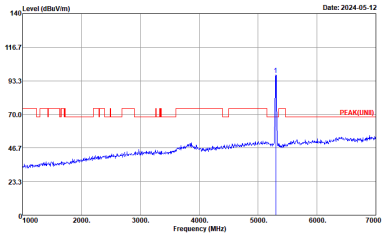
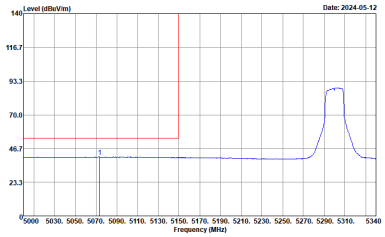
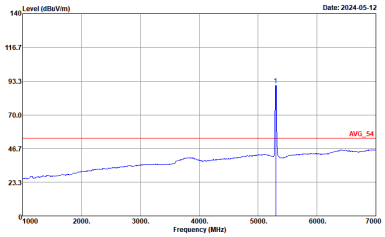
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH52 5260MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

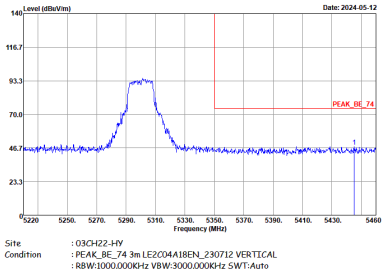
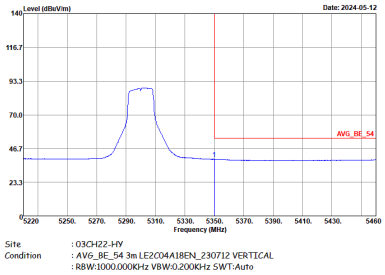
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH52 5260MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

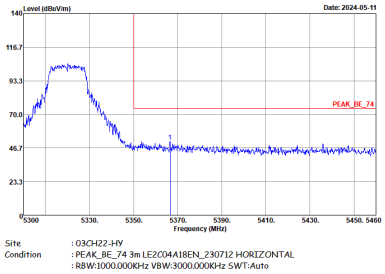
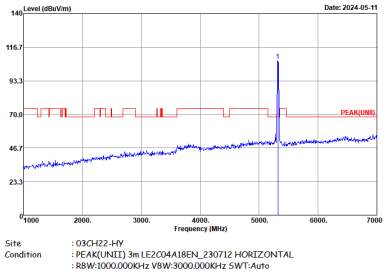
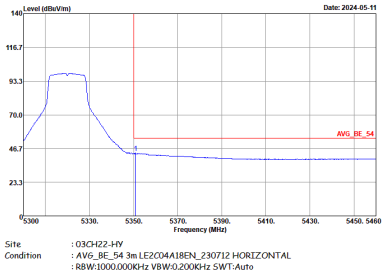
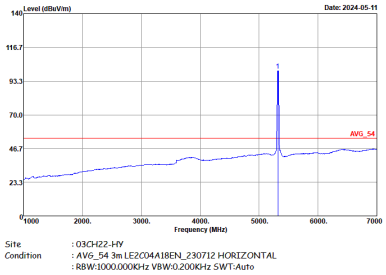
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH52 5260MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

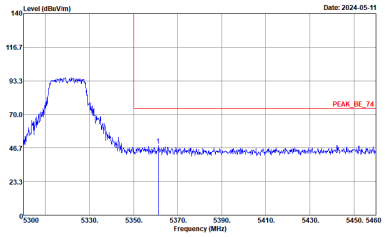
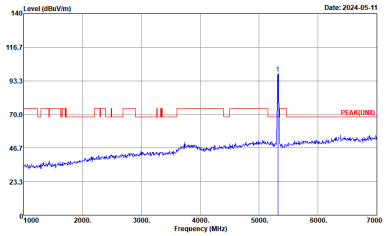
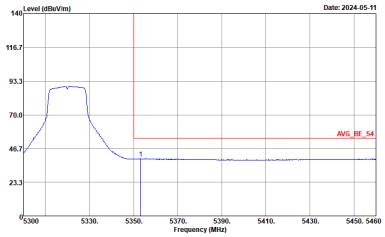
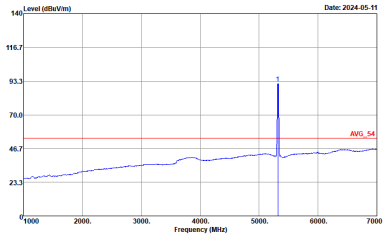
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH60 5300MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH60 5300MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	Left blank

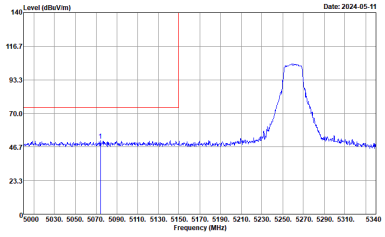
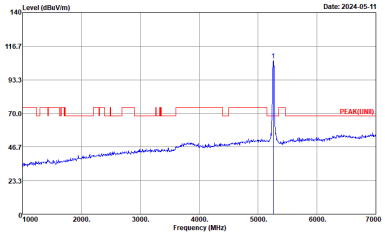
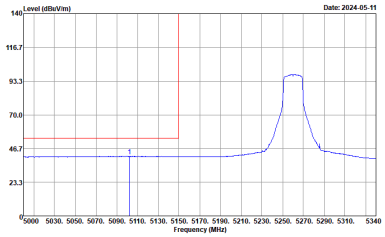
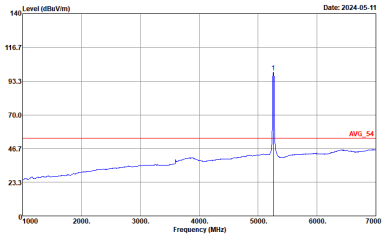
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH60 5300MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

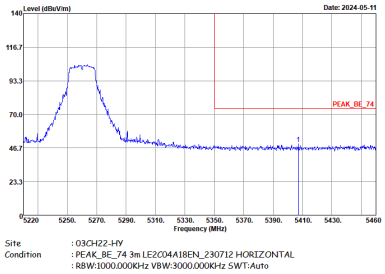
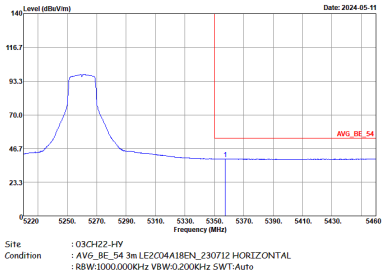
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH60 5300MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	Left blank

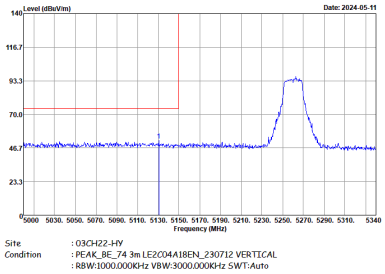
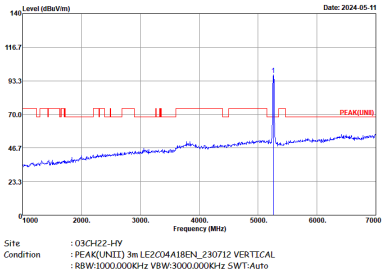
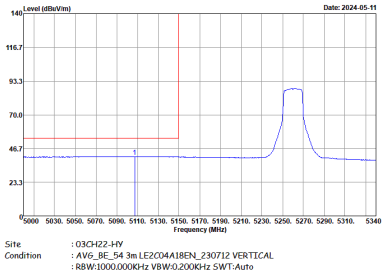
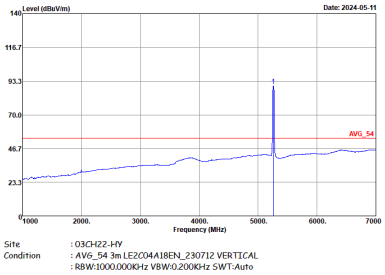
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH64 5320MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

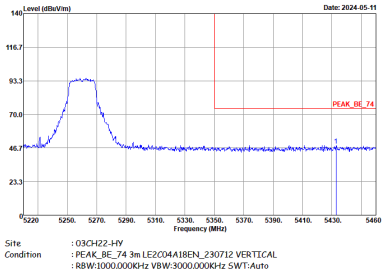
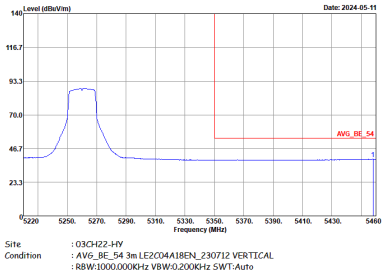
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11a CH64 5320MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

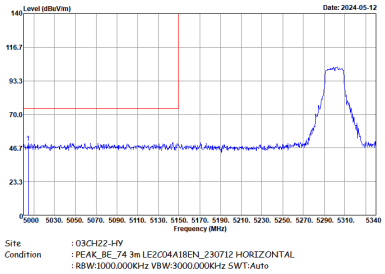
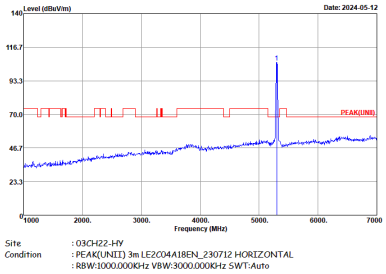
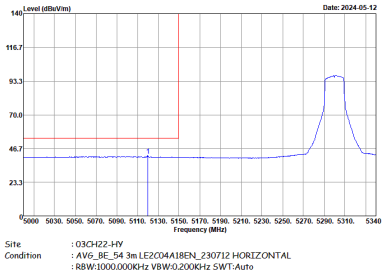
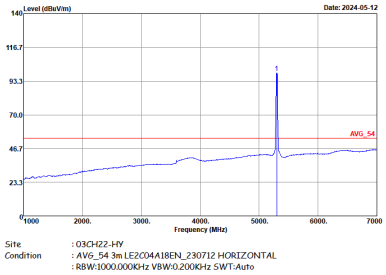
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

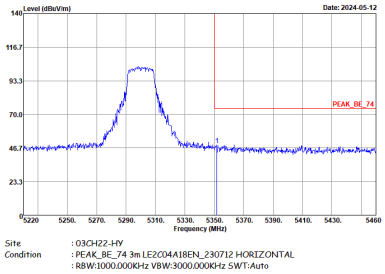
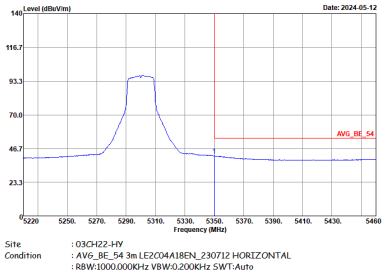
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

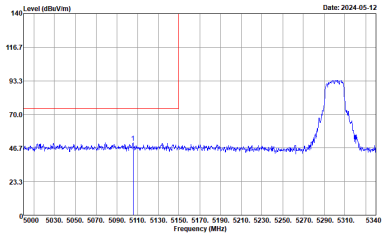
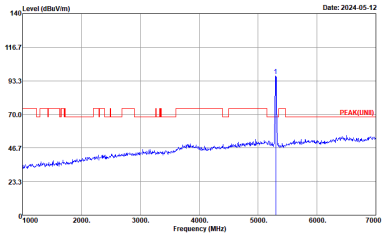
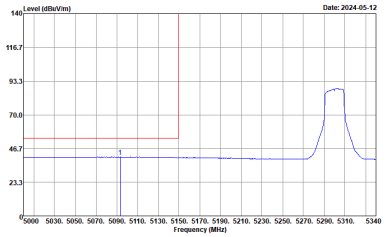
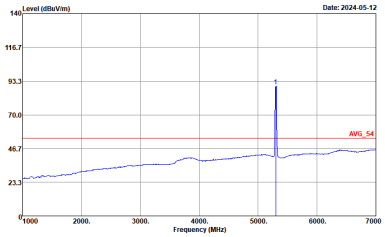
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	Left blank

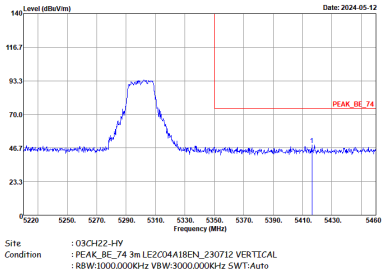
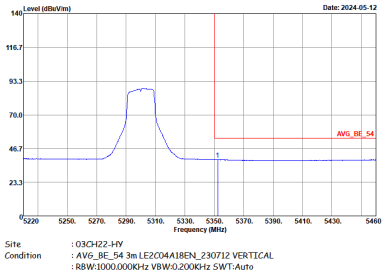
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

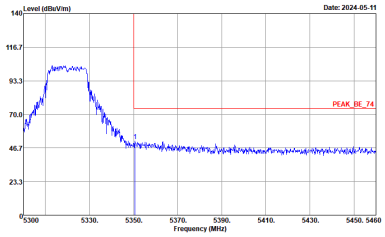
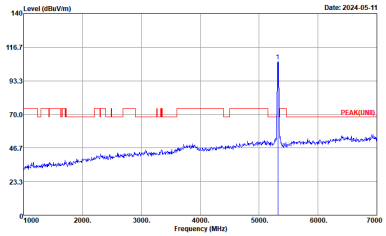
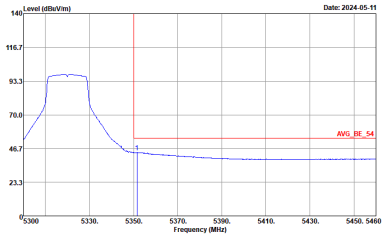
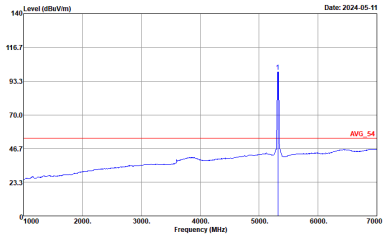
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH52 5260MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	Left blank

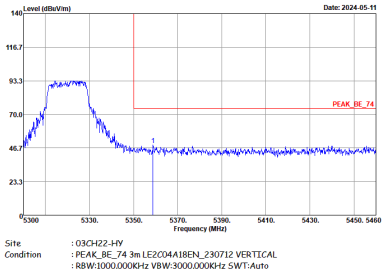
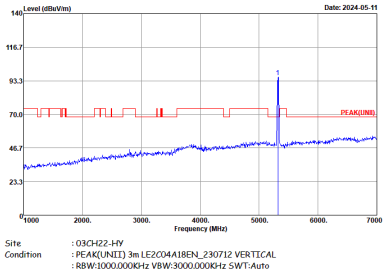
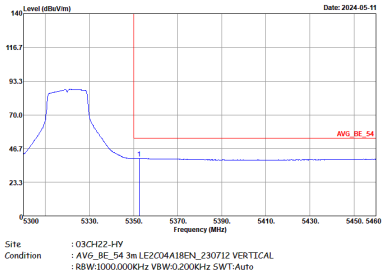
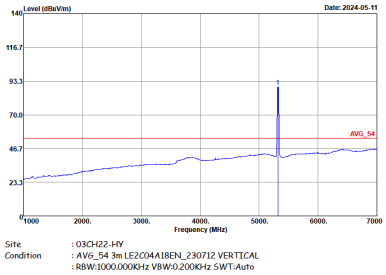
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH60 5300MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH60 5300MHz - R	
	Horizontal	Vertical
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	Left blank

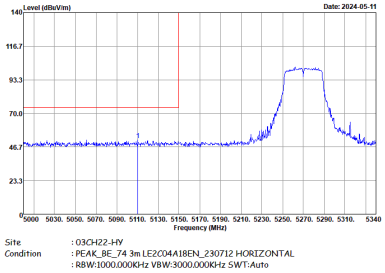
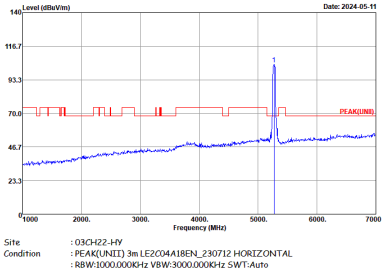
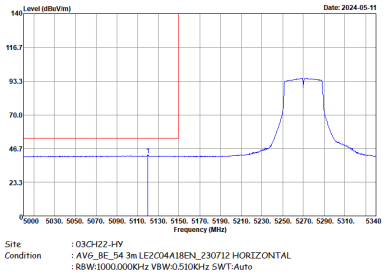
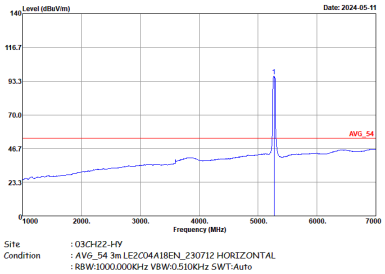
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH60 5300MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

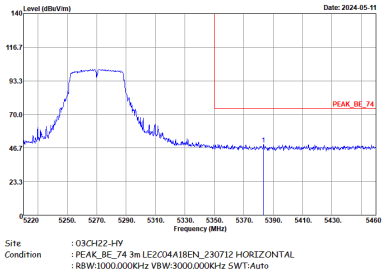
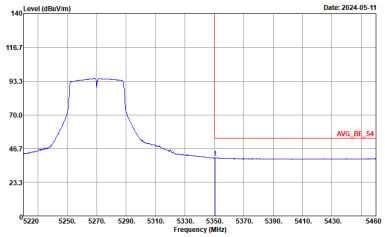
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH60 5300MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH64 5320MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT20 CH64 5320MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.200KHz SWT:Auto

Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT40 CH54 5270 - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
	802.11n HT40 CH54 5270 - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.510KHz SWT:Auto	Left blank