



FCC RADIO TEST REPORT

FCC ID : 2AMK2- RM02AA
Equipment : reMarkable Paper Pro
Brand Name : reMarkable
Model Name : RM02A
Applicant : reMarkable AS
Fridtjof Nansens vei 12, 0369 Oslo, Norway
Manufacturer : reMarkable AS
Fridtjof Nansens vei 12, 0369 Oslo, Norway
Standard : FCC Part 15 Subpart E §15.407

The product was received on Mar. 29, 2024 and testing was performed from Apr. 22, 2024 to May 12, 2024. We, Sporton International Inc. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR432902E	01	Initial issue of report	Jun. 18, 2024
FR432902E	02	Revise Carrier Frequency and Channel This report is an updated version, replacing the report issued on Jun. 18, 2024.	Jun. 25, 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	2.13 dB under the limit at 5134.68 MHz
3.5	15.207	AC Conducted Emission	Pass	13.83 dB under the limit at 13.56 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Clio Lo



1 General Description

1.1 Product Feature of Equipment Under Test

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

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	2.4
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	2.4
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	2.4

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. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	TH02-HY, CO05-HY, 03CH07-HY

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

FCC designation No.: TW1190

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.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

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

2.1 Carrier Frequency and Channel

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



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

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

Note:

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

2.2 Test Mode

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

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

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

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

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

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

Single Mode

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

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

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

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

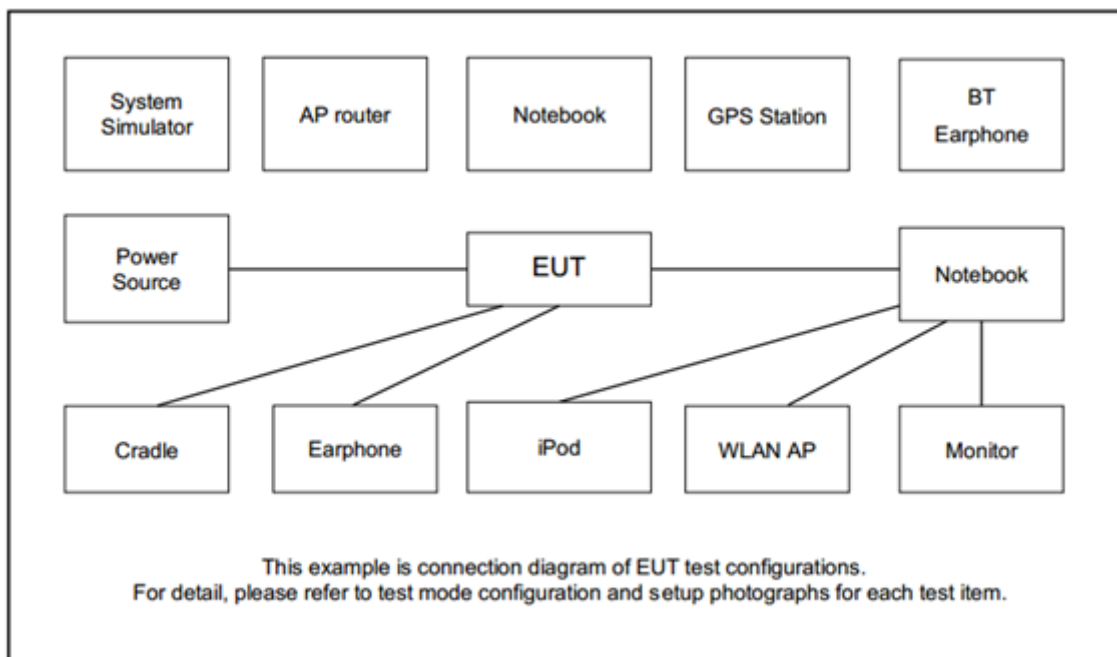
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Phone	Apple	A1586	N/A	N/A	N/A
4.	Adapter	Aohai	G9BR1	FCC DoC	N/A	N/A
5.	Adapter	PHILIPS	DLP6341C	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “putty 0.78” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.



2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

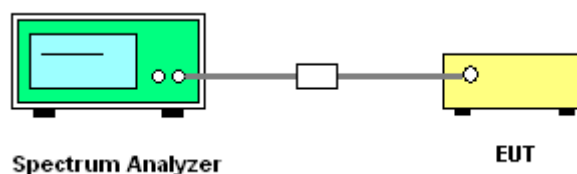
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

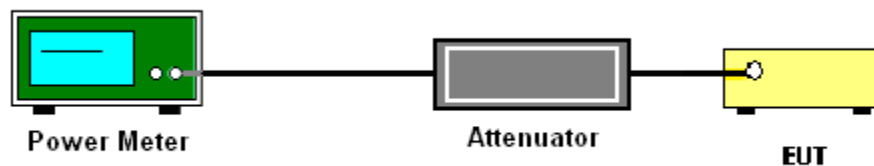
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

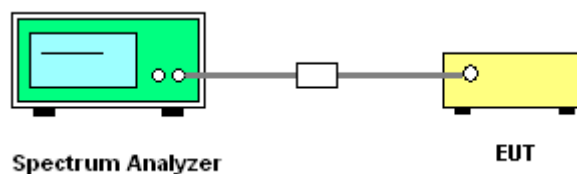
Section F) Maximum power spectral density.

Method SA-2

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

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

3.3.4 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.

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

EIRP (dBm)	Field Strength at 3m (dB μ V/m)
- 27	68.3

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

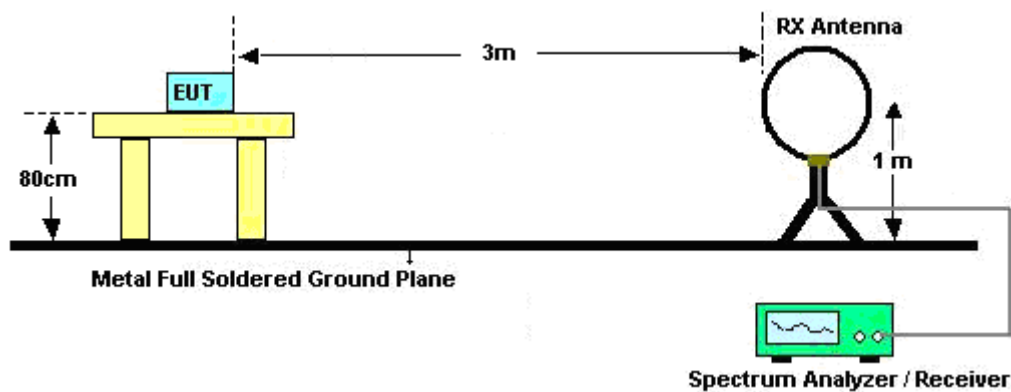
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

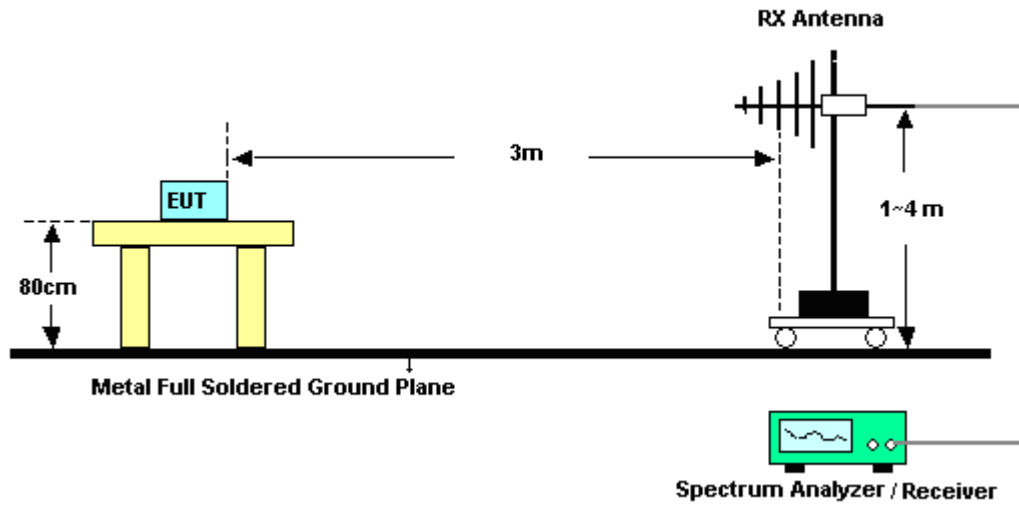
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

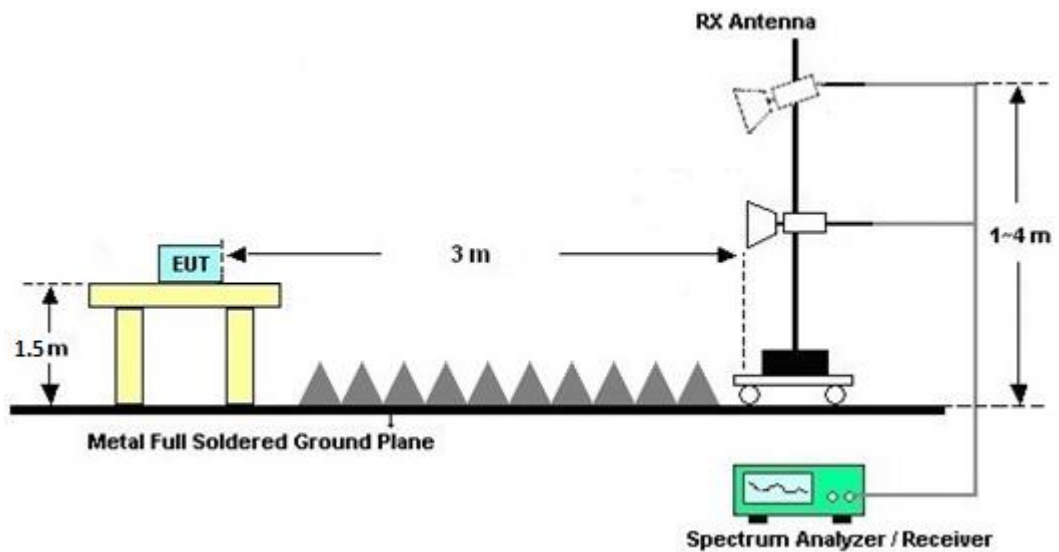
For radiated emissions below 30MHz



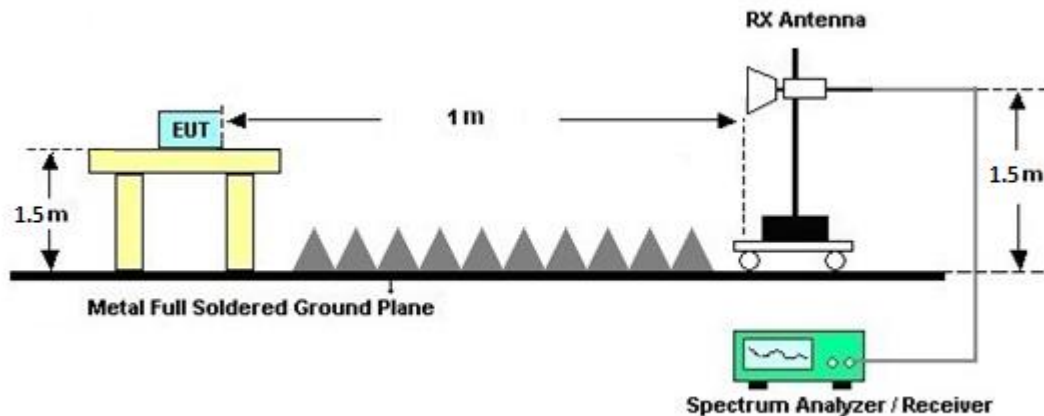
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

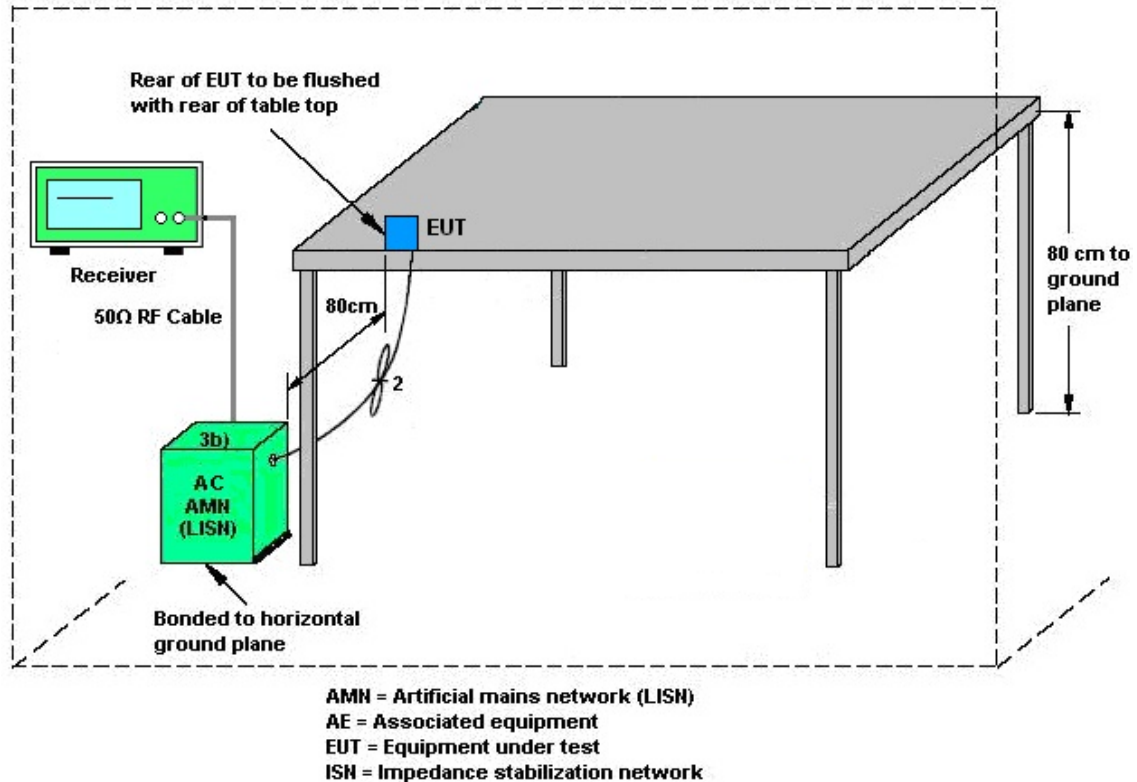
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Apr. 27, 2024	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 06, 2023	Apr. 27, 2024	Dec. 05, 2024	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 26, 2023	Apr. 27, 2024	Oct. 25, 2024	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 22, 2023	Apr. 27, 2024	Nov. 21, 2024	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Apr. 27, 2024	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZB ECK	VTSD 9561-F N	00691	N/A	Jul. 28, 2023	Apr. 27, 2024	Jul. 27, 2024	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 28, 2023	Apr. 27, 2024	Dec. 27, 2024	Conduction (CO05-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 27, 2023	Apr. 22, 2024 ~ May 11, 2024	Nov. 26, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-001018 00-30-10P	1590075	1GHz~18GHz	Apr. 19, 2024	Apr. 22, 2024 ~ May 11, 2024	Apr. 18, 2025	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	Apr. 22, 2024 ~ May 11, 2024	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	Apr. 22, 2024 ~ May 11, 2024	Jul. 24, 2024	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 26, 2024	Apr. 22, 2024 ~ May 11, 2024	Mar. 25, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	Apr. 22, 2024 ~ May 11, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 21, 2024	Apr. 22, 2024 ~ May 11, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 15, 2023	Apr. 22, 2024 ~ May 11, 2024	Sep. 14, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	Apr. 22, 2024 ~ May 11, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	Apr. 22, 2024 ~ May 11, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Apr. 22, 2024 ~ May 11, 2024	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Apr. 22, 2024 ~ May 11, 2024	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Apr. 22, 2024 ~ May 11, 2024	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 22, 2024 ~ May 11, 2024	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Apr. 22, 2024 ~ May 11, 2024	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 01, 2024	Apr. 22, 2024 ~ May 11, 2024	Feb. 28, 2025	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2023	Apr. 22, 2024 ~ May 11, 2024	Nov. 23, 2024	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Apr. 22, 2024 ~ May 11, 2024	Feb. 22, 2025	Radiation (03CH07-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Apr. 22, 2024~ May 12, 2024	Nov. 06, 2024	Conducted (TH02-HY)
Power Sensor	DARE	RPR3008W	RPR8W-23010 17 (NO:20)	10MHz~8GHz	Jul. 26, 2023	Apr. 22, 2024~ May 12, 2024	Jul. 25, 2024	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Aug. 30, 2023	Apr. 22, 2024~ May 12, 2024	Aug. 31, 2024	Conducted (TH02-HY)
DC Power Supply	GW Instek	GPE-2323	GEU810970	0V~64V ; 0A~6A	Nov. 16, 2023	Apr. 22, 2024~ May 12, 2024	Nov. 15, 2024	Conducted (TH02-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.50 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.30 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.60 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.30 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kevin Xiao	Temperature:	21~25	°C
Test Date:	2024/4/22~2024/5/12	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 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	16.78	-	20.03	-	-	-	22.25	-	-
11a	6Mbps	1	44	5220	16.78	-	19.84	-	-	-	22.25	-	
11a	6Mbps	1	48	5240	16.83	-	19.92	-	-	-	22.26	-	
VHT20	MCS0	1	36	5180	17.68	-	20.26	-	-	-	22.48	-	
VHT20	MCS0	1	44	5220	17.68	-	20.42	-	-	-	22.47	-	
VHT20	MCS0	1	48	5240	17.68	-	20.44	-	-	-	22.48	-	
VHT40	MCS0	1	38	5190	36.56	-	41.52	-	-	-	23.01	-	
VHT40	MCS0	1	46	5230	36.56	-	41.60	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	76.36	-	82.05	-	-	-	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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	12.30	-	-	24.00	-	2.40	-	Pass
11a	6Mbps	1	44	5220	12.40	-		24.00	-	2.40	-	Pass
11a	6Mbps	1	48	5240	12.40	-		24.00	-	2.40	-	Pass
HT20	MCS0	1	36	5180	12.10	-		24.00	-	2.40	-	Pass
HT20	MCS0	1	44	5220	12.00	-		24.00	-	2.40	-	Pass
HT20	MCS0	1	48	5240	12.00	-		24.00	-	2.40	-	Pass
HT40	MCS0	1	38	5190	12.10	-		24.00	-	2.40	-	Pass
HT40	MCS0	1	46	5230	12.20	-		24.00	-	2.40	-	Pass
VHT20	MCS0	1	36	5180	12.20	-		24.00	-	2.40	-	Pass
VHT20	MCS0	1	44	5220	12.10	-		24.00	-	2.40	-	Pass
VHT20	MCS0	1	48	5240	12.10	-		24.00	-	2.40	-	Pass
VHT40	MCS0	1	38	5190	12.20	-		24.00	-	2.40	-	Pass
VHT40	MCS0	1	46	5230	12.30	-		24.00	-	2.40	-	Pass
VHT80	MCS0	1	42	5210	12.30	-		24.00	-	2.40	-	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 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.05	-	1.10	-	-	11.00	-	2.40	-	Pass
11a	6Mbps	1	44	5220	0.05	-	1.29	-		11.00	-	2.40	-	Pass
11a	6Mbps	1	48	5240	0.05	-	1.33	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	36	5180	0.05	-	0.20	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	44	5220	0.05	-	0.36	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	48	5240	0.05	-	0.38	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	38	5190	0.10	-	-2.77	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	46	5230	0.10	-	-2.62	-		11.00	-	2.40	-	Pass
VHT80	MCS0	1	42	5210	0.20	-	-6.26	-		11.00	-	2.40	-	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 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.83	-	19.86	-	23.26	-	29.26	-	23.98	-	-
11a	6Mbps	1	60	5300	16.78	-	20.88	-	23.25	-	29.25	-	23.98	-	
11a	6Mbps	1	64	5320	16.78	-	20.08	-	23.25	-	29.25	-	23.98	-	
VHT20	MCS0	1	52	5260	17.68	-	20.50	-	23.47	-	29.47	-	23.98	-	
VHT20	MCS0	1	60	5300	17.68	-	20.31	-	23.48	-	29.48	-	23.98	-	
VHT20	MCS0	1	64	5320	17.68	-	20.22	-	23.48	-	29.48	-	23.98	-	
VHT40	MCS0	1	54	5270	36.56	-	41.73	-	23.98	-	30.00	-	23.98	-	
VHT40	MCS0	1	62	5310	36.56	-	41.46	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	76.36	-	81.92	-	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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	12.40	-	-	23.98	-	2.40	-	30	Pass
11a	6Mbps	1	60	5300	12.40	-		23.98	-	2.40	-	30	Pass
11a	6Mbps	1	64	5320	12.30	-		23.98	-	2.40	-	30	Pass
HT20	MCS0	1	52	5260	12.00	-		23.98	-	2.40	-	30	Pass
HT20	MCS0	1	60	5300	12.00	-		23.98	-	2.40	-	30	Pass
HT20	MCS0	1	64	5320	12.10	-		23.98	-	2.40	-	30	Pass
HT40	MCS0	1	54	5270	12.10	-		23.98	-	2.40	-	30	Pass
HT40	MCS0	1	62	5310	12.00	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	52	5260	12.10	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	60	5300	12.10	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	64	5320	12.20	-		23.98	-	2.40	-	30	Pass
VHT40	MCS0	1	54	5270	12.20	-		23.98	-	2.40	-	30	Pass
VHT40	MCS0	1	62	5310	12.10	-		23.98	-	2.40	-	30	Pass
VHT80	MCS0	1	58	5290	12.10	-		23.98	-	2.40	-	30	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 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.05	-	1.32	-	-	11.00	-	2.40	-	Pass
11a	6Mbps	1	60	5300	0.05	-	1.13	-		11.00	-	2.40	-	Pass
11a	6Mbps	1	64	5320	0.05	-	1.08	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	52	5260	0.05	-	0.20	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	60	5300	0.05	-	0.06	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	64	5320	0.05	-	0.44	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	54	5270	0.10	-	-2.87	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	62	5310	0.10	-	-2.98	-		11.00	-	2.40	-	Pass
VHT80	MCS0	1	58	5290	0.20	-	-6.29	-		11.00	-	2.40	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.83	-	20.22	-	23.26	-	29.26	-	23.98	-	----	----
11a	6Mbps	1	116	5580	16.83	-	20.13	-	23.26	-	29.26	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.83	-	20.10	-	23.26	-	29.26	-	23.98	-	----	----
VHT20	MCS0	1	100	5500	17.73	-	20.45	-	23.49	-	29.49	-	23.98	-	----	----
VHT20	MCS0	1	116	5580	17.68	-	20.33	-	23.48	-	29.48	-	23.98	-	----	----
VHT20	MCS0	1	140	5700	17.68	-	20.31	-	23.48	-	29.48	-	23.98	-	----	----
VHT40	MCS0	1	102	5510	36.66	-	41.44	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	110	5550	36.56	-	41.63	-	23.98	-	30.00	-	23.98	-	----	----
VHT40	MCS0	1	134	5670	36.76	-	41.89	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	76.36	-	82.08	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	76.36	-	82.14	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N _{rx}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.39	-	15.06	-	22.27	-	28.27	-	22.78	-	3.18	-
VHT20	MCS0	1	144	5720	13.84	-	15.03	-	22.41	-	28.41	-	22.77	-	3.765	-
VHT40	MCS0	1	142	5710	33.38	-	35.94	-	23.98	-	30.00	-	23.98	-	2.883	-
VHT80	MCS0	1	138	5690	73.12	-	76.06	-	23.98	-	30.00	-	23.98	-	3.192	-
6dB Bandwidth Limit $\geq$ 500kHz															Pass	

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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	10.40	-	-	23.98	-	2.40	-	30	Pass
11a	6Mbps	1	116	5580	10.40	-		23.98	-	2.40	-	30	Pass
11a	6Mbps	1	140	5700	10.20	-		23.98	-	2.40	-	30	Pass
HT20	MCS0	1	100	5500	10.10	-		23.98	-	2.40	-	30	Pass
HT20	MCS0	1	116	5580	10.10	-		23.98	-	2.40	-	30	Pass
HT20	MCS0	1	140	5700	10.20	-		23.98	-	2.40	-	30	Pass
HT40	MCS0	1	102	5510	10.10	-		23.98	-	2.40	-	30	Pass
HT40	MCS0	1	110	5550	10.10	-		23.98	-	2.40	-	30	Pass
HT40	MCS0	1	134	5670	10.20	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	100	5500	10.20	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	116	5580	10.20	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	140	5700	10.30	-		23.98	-	2.40	-	30	Pass
VHT40	MCS0	1	102	5510	10.20	-		23.98	-	2.40	-	30	Pass
VHT40	MCS0	1	110	5550	10.20	-		23.98	-	2.40	-	30	Pass
VHT40	MCS0	1	134	5670	10.30	-		23.98	-	2.40	-	30	Pass
VHT80	MCS0	1	106	5530	10.20	-		23.98	-	2.40	-	30	Pass
VHT80	MCS0	1	122	5610	10.20	-		23.98	-	2.40	-	30	Pass

FCC U-NII-2C straddle channel 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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	10.10	-	-	22.78	-	2.40	-	30	Pass
HT20	MCS0	1	144	5720	10.20	-		23.98	-	2.40	-	30	Pass
HT40	MCS0	1	142	5710	10.20	-		23.98	-	2.40	-	30	Pass
VHT20	MCS0	1	144	5720	10.30	-		22.77	-	2.40	-	30	Pass
VHT40	MCS0	1	142	5710	10.30	-		23.98	-	2.40	-	30	Pass
VHT80	MCS0	1	138	5690	10.30	-		23.98	-	2.40	-	30	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 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	0.05	-	-0.95	-	-	11.00	-	2.40	-	Pass
11a	6Mbps	1	116	5580	0.05	-	-0.80	-		11.00	-	2.40	-	Pass
11a	6Mbps	1	140	5700	0.05	-	-1.30	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	100	5500	0.05	-	-2.03	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	116	5580	0.05	-	-1.98	-		11.00	-	2.40	-	Pass
VHT20	MCS0	1	140	5700	0.05	-	-1.90	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	102	5510	0.10	-	-4.97	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	110	5550	0.10	-	-4.85	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	134	5670	0.10	-	-4.80	-		11.00	-	2.40	-	Pass
VHT80	MCS0	1	106	5530	0.20	-	-8.48	-		11.00	-	2.40	-	Pass
VHT80	MCS0	1	122	5610	0.20	-	-8.54	-		11.00	-	2.40	-	Pass

U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	144	5720	0.05	-	-1.18	-	-	11.00	-	2.40	-	Pass
VHT20	MCS0	1	144	5720	0.05	-	-1.92	-		11.00	-	2.40	-	Pass
VHT40	MCS0	1	142	5710	0.10	-	-4.89	-		11.00	-	2.40	-	Pass
VHT80	MCS0	1	138	5690	0.20	-	-8.31	-		11.00	-	2.40	-	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 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	18.78	-	20.58	-	-	-	22.74	-	-	-
HE20	MCS0	1	44	5220	Full	18.78	-	20.55	-	-	-	22.74	-		
HE20	MCS0	1	48	5240	Full	18.78	-	20.50	-	-	-	22.74	-		
HE40	MCS0	1	38	5190	Full	37.76	-	41.44	-	-	-	23.01	-		
HE40	MCS0	1	46	5230	Full	37.76	-	41.39	-	-	-	23.01	-		
HE80	MCS0	1	42	5210	Full	77.68	-	80.86	-	-	-	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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	12.30	-	-	24.00	-	2.40	-	-	Pass
HE20	MCS0	1	36	5180	26/0	3.00	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	36	5180	52/37	5.80	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	36	5180	106/53	8.60	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	44	5220	Full	12.20	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	44	5220	26/4	4.50	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	44	5220	52/38	5.90	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	44	5220	106/53	8.90	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	48	5240	Full	12.20	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	48	5240	26/8	3.00	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	48	5240	52/40	5.50	-		24.00	-	2.40	-		Pass
HE20	MCS0	1	48	5240	106/54	8.80	-		24.00	-	2.40	-		Pass
HE40	MCS0	1	38	5190	Full	12.30	-		24.00	-	2.40	-		Pass
HE40	MCS0	1	38	5190	242/61	9.10	-		24.00	-	2.40	-		Pass
HE40	MCS0	1	46	5230	Full	12.40	-		24.00	-	2.40	-		Pass
HE40	MCS0	1	46	5230	242/62	9.20	-		24.00	-	2.40	-		Pass
HE80	MCS0	1	42	5210	Full	12.40	-		24.00	-	2.40	-		Pass
HE80	MCS0	1	42	5210	484/65	9.30	-		24.00	-	2.40	-		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 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	0.06	-	0.24	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	36	5180	26/0	0.06	-	0.15	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	36	5180	52/37	0.06	-	0.16	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	36	5180	106/53	0.06	-	-0.16	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	44	5220	Full	0.06	-	0.42	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	44	5220	26/4	0.06	-	0.26	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	44	5220	52/38	0.06	-	0.18	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	44	5220	106/53	0.06	-	-0.02	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	48	5240	Full	0.06	-	0.37	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	48	5240	26/8	0.06	-	0.12	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	48	5240	52/40	0.06	-	0.17	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	48	5240	106/54	0.06	-	0.23	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	38	5190	Full	0.12	-	-2.59	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	38	5190	242/61	0.12	-	-3.07	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	46	5230	Full	0.12	-	-2.44	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	46	5230	242/62	0.12	-	-2.73	-		11.00	-	2.40	-	Pass
HE80	MCS0	1	42	5210	Full	0.23	-	-5.40	-		11.00	-	2.40	-	Pass
HE80	MCS0	1	42	5210	484/65	0.23	-	-5.79	-		11.00	-	2.40	-	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 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	18.78	-	20.46	-	23.74	-	29.74	-	23.98	-	
HE20	MCS0	1	60	5300	Full	18.78	-	20.47	-	23.74	-	29.74	-	23.98	-	
HE20	MCS0	1	64	5320	Full	18.78	-	20.57	-	23.74	-	29.74	-	23.98	-	
HE40	MCS0	1	54	5270	Full	37.76	-	41.36	-	23.98	-	30.00	-	23.98	-	
HE40	MCS0	1	62	5310	Full	37.86	-	41.50	-	23.98	-	30.00	-	23.98	-	
HE80	MCS0	1	58	5290	Full	77.56	-	80.35	-	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)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	12.20	-	-	23.98	-	2.40	-	30	Pass
HE20	MCS0	1	52	5260	26/0	3.10	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	52	5260	52/37	5.70	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	52	5260	106/53	9.10	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	60	5300	Full	12.20	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	60	5300	26/4	4.30	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	60	5300	52/38	5.70	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	60	5300	106/53	8.70	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	64	5320	Full	12.30	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	64	5320	26/8	3.90	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	64	5320	52/40	5.60	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	64	5320	106/54	8.90	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	54	5270	Full	12.30	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	54	5270	242/61	9.10	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	62	5310	Full	12.20	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	62	5310	242/62	8.80	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	58	5290	Full	12.20	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	58	5290	484/66	8.70	-		23.98	-	2.40	-	30	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 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	0.06	-	0.29	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	52	5260	26/0	0.06	-	0.07	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	52	5260	52/37	0.06	-	0.16	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	52	5260	106/53	0.06	-	0.20	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	60	5300	Full	0.06	-	0.14	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	60	5300	26/4	0.06	-	-0.20	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	60	5300	52/38	0.06	-	-0.12	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	60	5300	106/53	0.06	-	-0.13	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	64	5320	Full	0.06	-	0.52	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	64	5320	26/8	0.06	-	0.31	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	64	5320	52/40	0.06	-	0.20	-		11.00	-	2.40	-	Pass
HE20	MCS0	1	64	5320	106/54	0.06	-	0.37	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	54	5270	Full	0.12	-	-2.63	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	54	5270	242/61	0.12	-	-2.98	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	62	5310	Full	0.12	-	-2.76	-		11.00	-	2.40	-	Pass
HE40	MCS0	1	62	5310	242/62	0.12	-	-3.01	-		11.00	-	2.40	-	Pass
HE80	MCS0	1	58	5290	Full	0.23	-	-5.58	-		11.00	-	2.40	-	Pass
HE80	MCS0	1	58	5290	484/66	0.23	-	-6.03	-		11.00	-	2.40	-	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 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	18.78	-	20.55	-	23.74	-	29.74	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	18.78	-	20.53	-	23.74	-	29.74	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	18.78	-	20.61	-	23.74	-	29.74	-	23.98	-	----	----
HE40	MCS0	1	102	5510	Full	37.96	-	41.52	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	110	5550	Full	37.76	-	41.71	-	23.98	-	30.00	-	23.98	-	----	----
HE40	MCS0	1	134	5670	Full	37.86	-	41.31	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	106	5530	Full	77.68	-	81.06	-	23.98	-	30.00	-	23.98	-	----	----
HE80	MCS0	1	122	5610	Full	77.56	-	80.96	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel 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 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	14.39	-	15.26	-	22.58	-	28.58	-	22.83	-	4.17	-
HE40	MCS0	1	142	5710	Full	33.88	-	35.75	-	23.98	-	30.00	-	23.98	-	3.396	-
HE80	MCS0	1	138	5690	Full	73.84	-	75.48	-	23.98	-	30.00	-	23.98	-	3.896	-
6dB Bandwidth Limit $\geq$ 500kHz																Pass	

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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	10.30	-	-	23.98	-	2.40	-	30	Pass
HE20	MCS0	1	100	5500	26/0	0.80	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	100	5500	52/37	3.20	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	100	5500	106/53	6.10	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	116	5580	Full	10.30	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	116	5580	26/4	1.90	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	116	5580	52/38	3.10	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	116	5580	106/53	5.80	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	140	5700	Full	10.40	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	140	5700	26/8	1.00	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	140	5700	52/40	3.30	-		23.98	-	2.40	-	30	Pass
HE20	MCS0	1	140	5700	106/54	6.50	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	102	5510	Full	10.30	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	102	5510	242/61	6.60	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	110	5550	Full	10.30	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	110	5550	242/61	6.90	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	134	5670	Full	10.40	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	134	5670	242/62	6.90	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	106	5530	Full	10.30	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	106	5530	484/65	6.80	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	122	5610	Full	10.30	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	122	5610	484/66	6.50	-		23.98	-	2.40	-	30	Pass

FCC U-NII-2C straddle channel 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	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	10.40	-	-	22.83	-	2.40	-	30	Pass
HE20	MCS0	1	144	5720	26/8	0.90	-		22.83	-	2.40	-	30	Pass
HE20	MCS0	1	144	5720	52/40	3.30	-		22.83	-	2.40	-	30	Pass
HE20	MCS0	1	144	5720	106/54	6.60	-		22.83	-	2.40	-	30	Pass
HE40	MCS0	1	142	5710	Full	10.40	-		23.98	-	2.40	-	30	Pass
HE40	MCS0	1	142	5710	242/62	6.90	-		23.98	-	2.40	-	30	Pass
HE80	MCS0	1	138	5690	Full	10.40	-		23.98	-	2.40	-	30	Pass

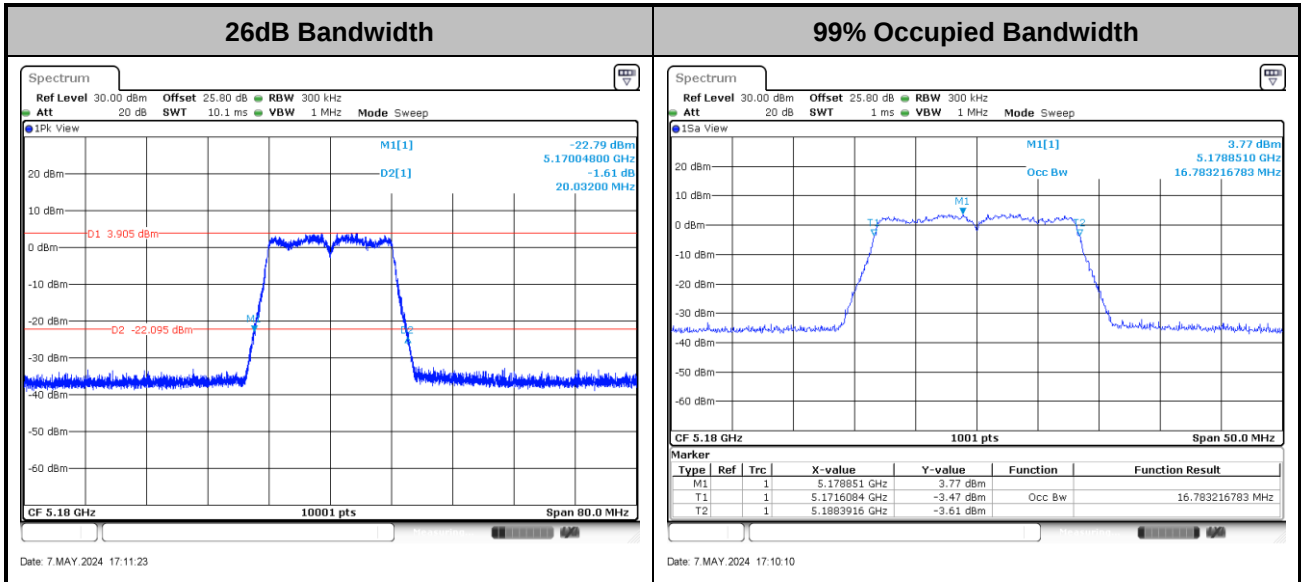
TEST RESULTS DATA
Power Spectral Density

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 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	100	5500	Full	0.06	-	-2.01	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	100	5500	26/0	0.06	-	-2.46	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	100	5500	52/37	0.06	-	-2.50	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	100	5500	106/53	0.06	-	-2.62	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	116	5580	Full	0.06	-	-1.98	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	116	5580	26/4	0.06	-	-2.42	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	116	5580	52/38	0.06	-	-2.25	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	116	5580	106/53	0.06	-	-2.33	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	140	5700	Full	0.06	-	-1.89	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	140	5700	26/8	0.06	-	-2.39	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	140	5700	52/40	0.06	-	-2.29	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	140	5700	106/54	0.06	-	-2.25	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	102	5510	Full	0.12	-	-4.80	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	102	5510	242/61	0.12	-	-5.34	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	110	5550	Full	0.12	-	-4.75	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	110	5550	242/61	0.12	-	-5.09	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	134	5670	Full	0.12	-	-4.62	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	134	5670	242/62	0.12	-	-4.97	-	-	11.00	-	2.40	-	Pass
HE80	MCS0	1	106	5530	Full	0.23	-	-7.69	-	-	11.00	-	2.40	-	Pass
HE80	MCS0	1	106	5530	484/65	0.23	-	-7.99	-	-	11.00	-	2.40	-	Pass
HE80	MCS0	1	122	5610	Full	0.23	-	-7.68	-	-	11.00	-	2.40	-	Pass
HE80	MCS0	1	122	5610	484/66	0.23	-	-8.12	-	-	11.00	-	2.40	-	Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	144	5720	Full	0.06	-	-1.94	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	144	5720	26/8	0.06	-	-2.19	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	144	5720	52/40	0.06	-	-2.27	-	-	11.00	-	2.40	-	Pass
HE20	MCS0	1	144	5720	106/54	0.06	-	-2.32	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	142	5710	Full	0.12	-	-4.88	-	-	11.00	-	2.40	-	Pass
HE40	MCS0	1	142	5710	242/62	0.12	-	-5.06	-	-	11.00	-	2.40	-	Pass
HE80	MCS0	1	138	5690	Full	0.23	-	-7.89	-	-	11.00	-	2.40	-	Pass
HE80	MCS0	1	138	5690	484/66	0.23	-	-7.98	-	-	11.00	-	2.40	-	Pass

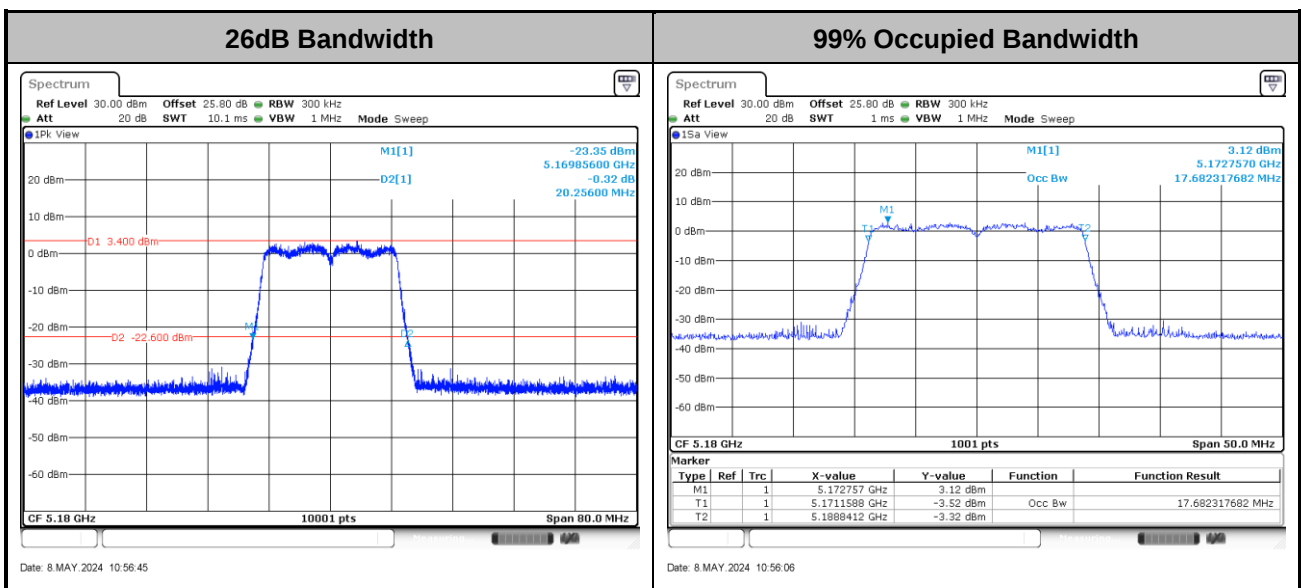
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>



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

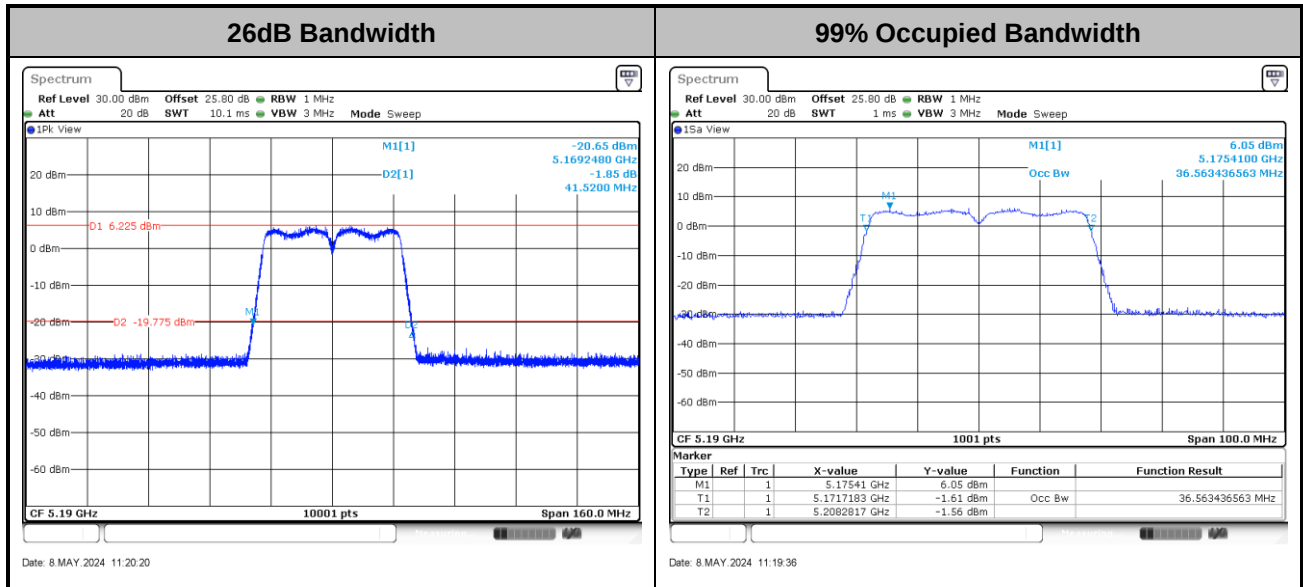
<802.11ac VHT20>



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

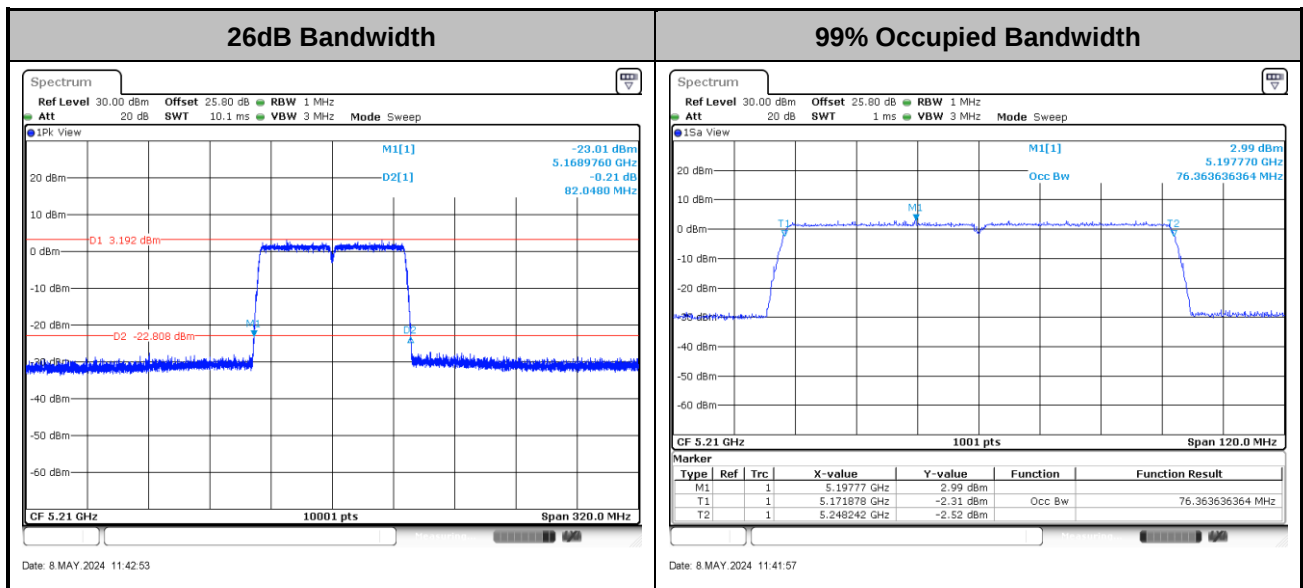


<802.11ac VHT40>



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

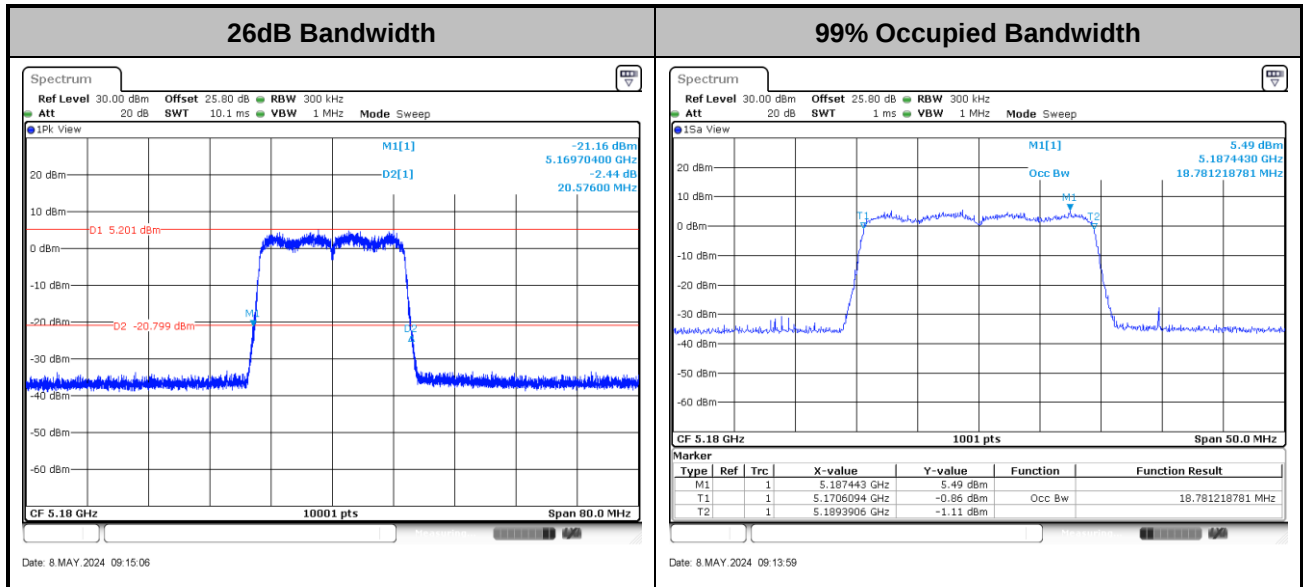
<802.11ac VHT80>



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

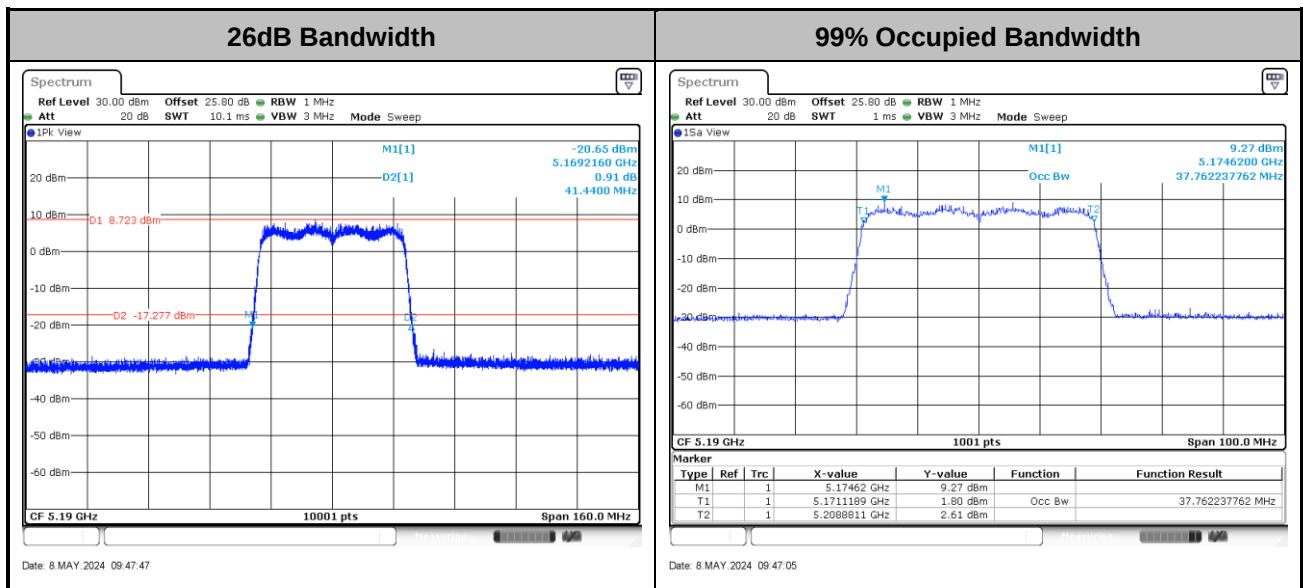


<802.11ax HE20>



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

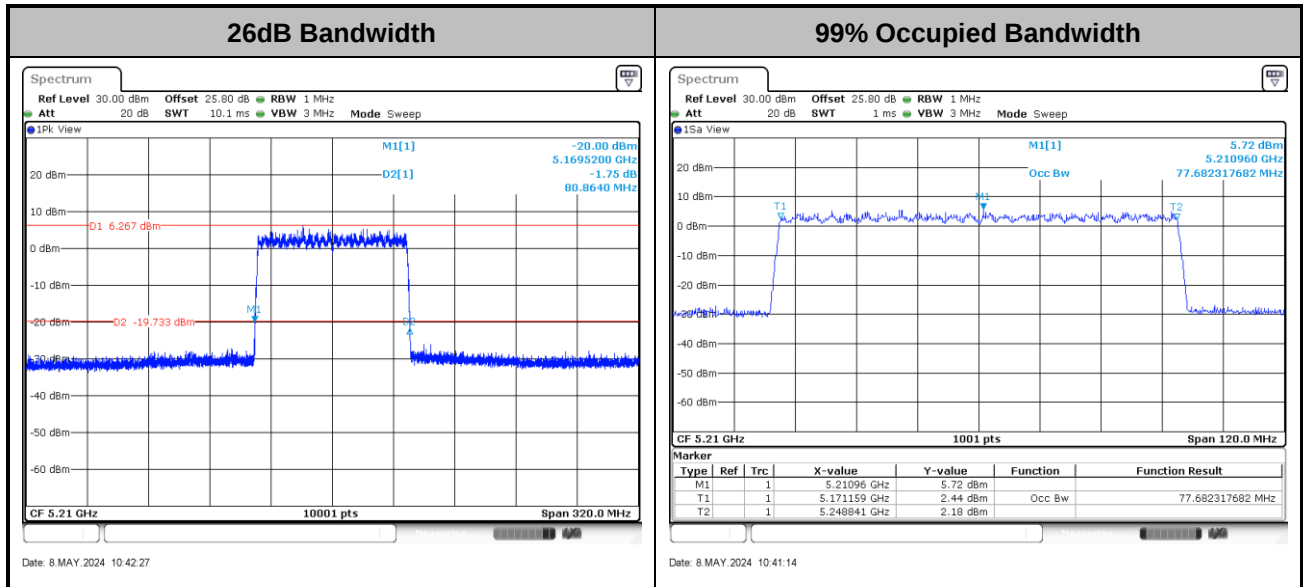
<802.11ax HE40>



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



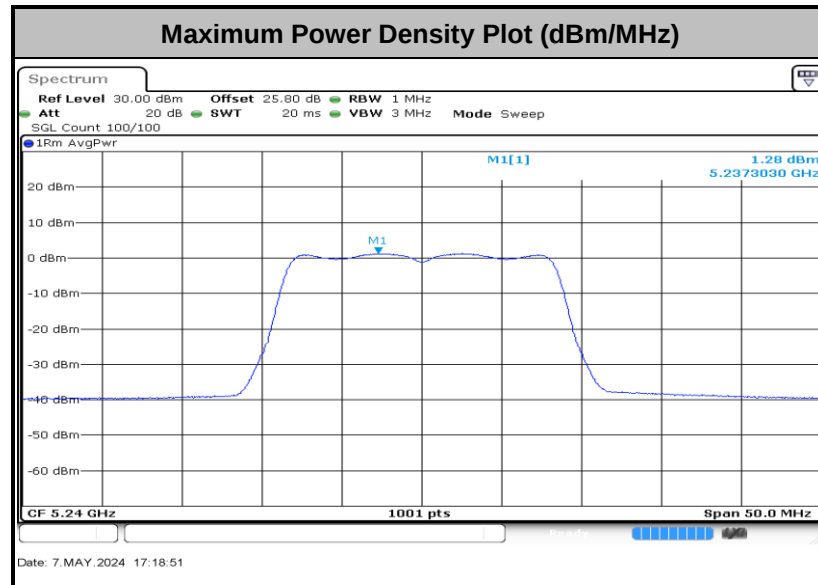
<802.11ax HE80>



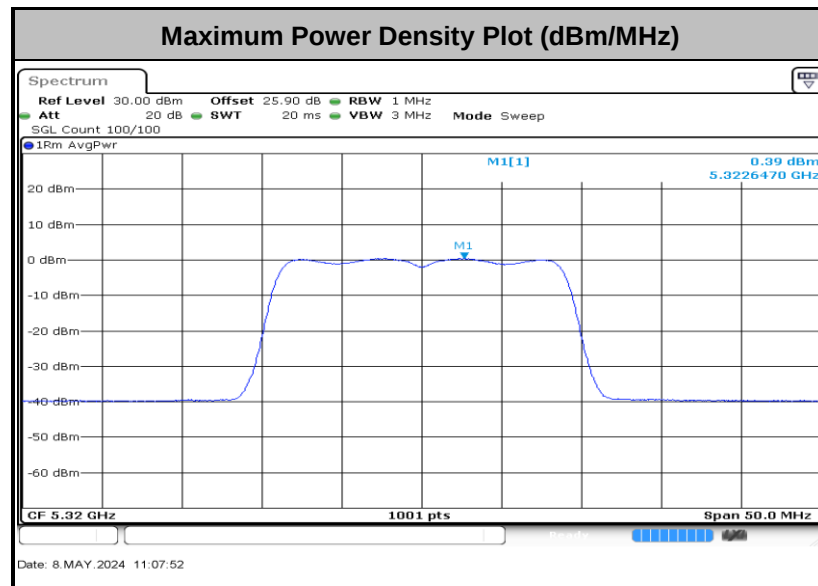
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

<802.11a>

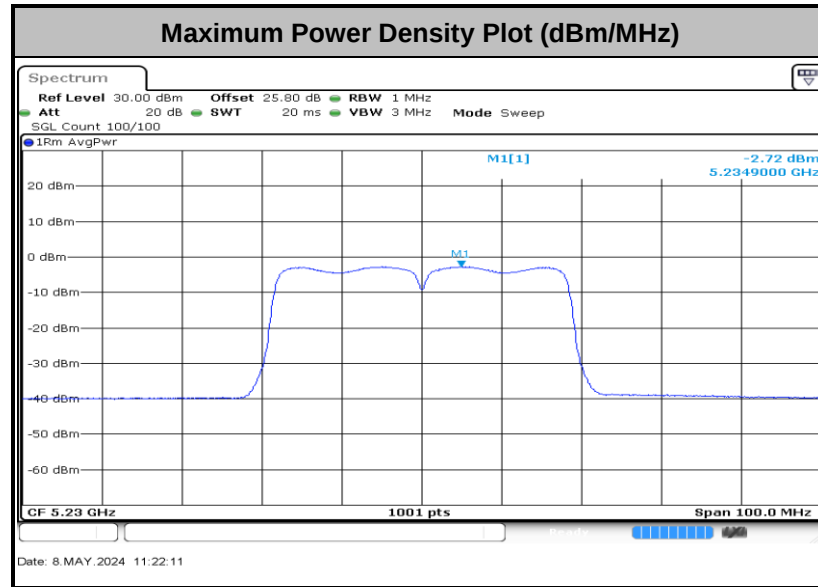


<802.11ac VHT20>

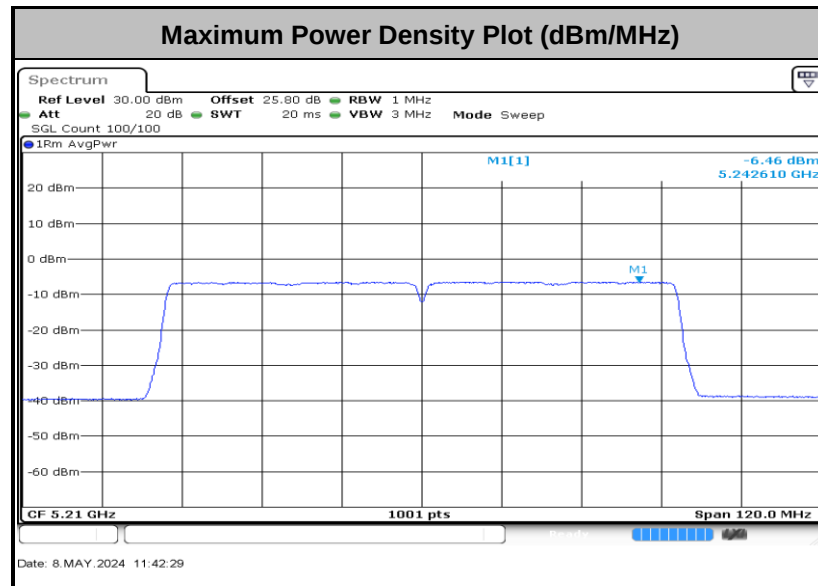




<802.11ac VHT40>

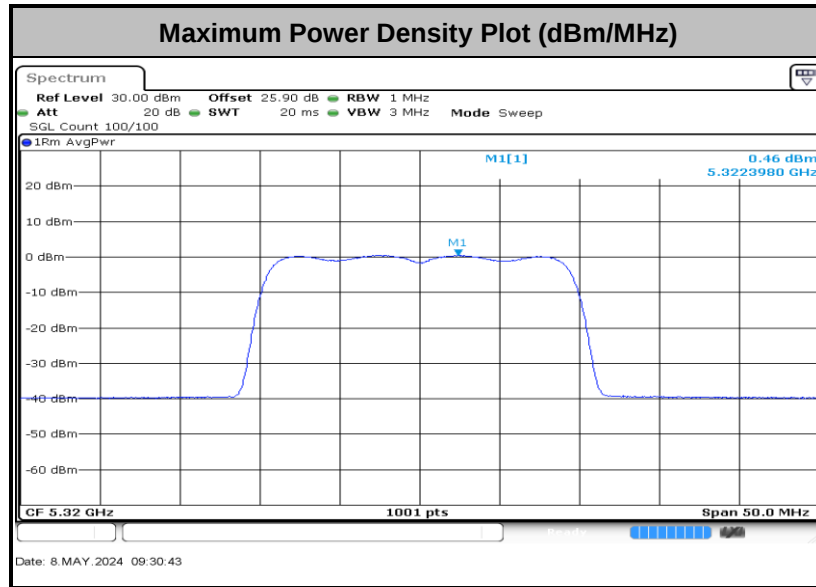


<802.11ac VHT80>

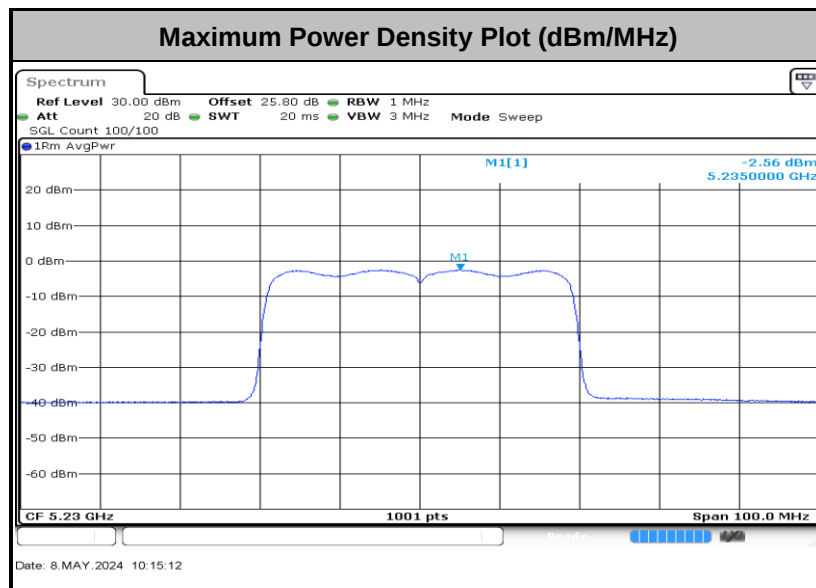




<802.11ax HE20>

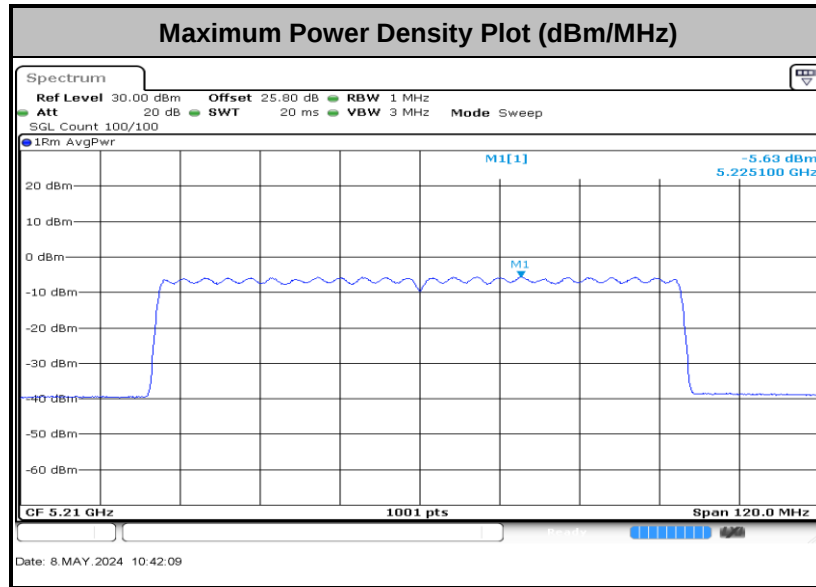


<802.11ax HE40>





<802.11ax HE80>





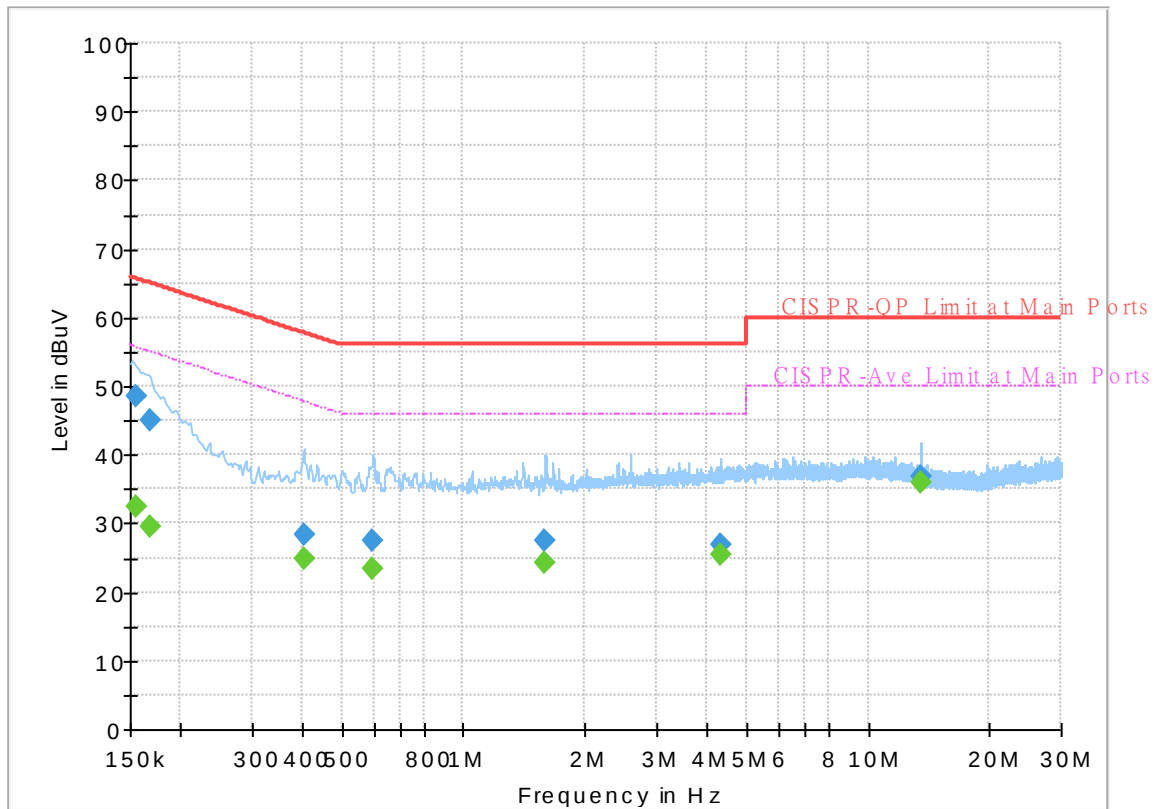
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 432902
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



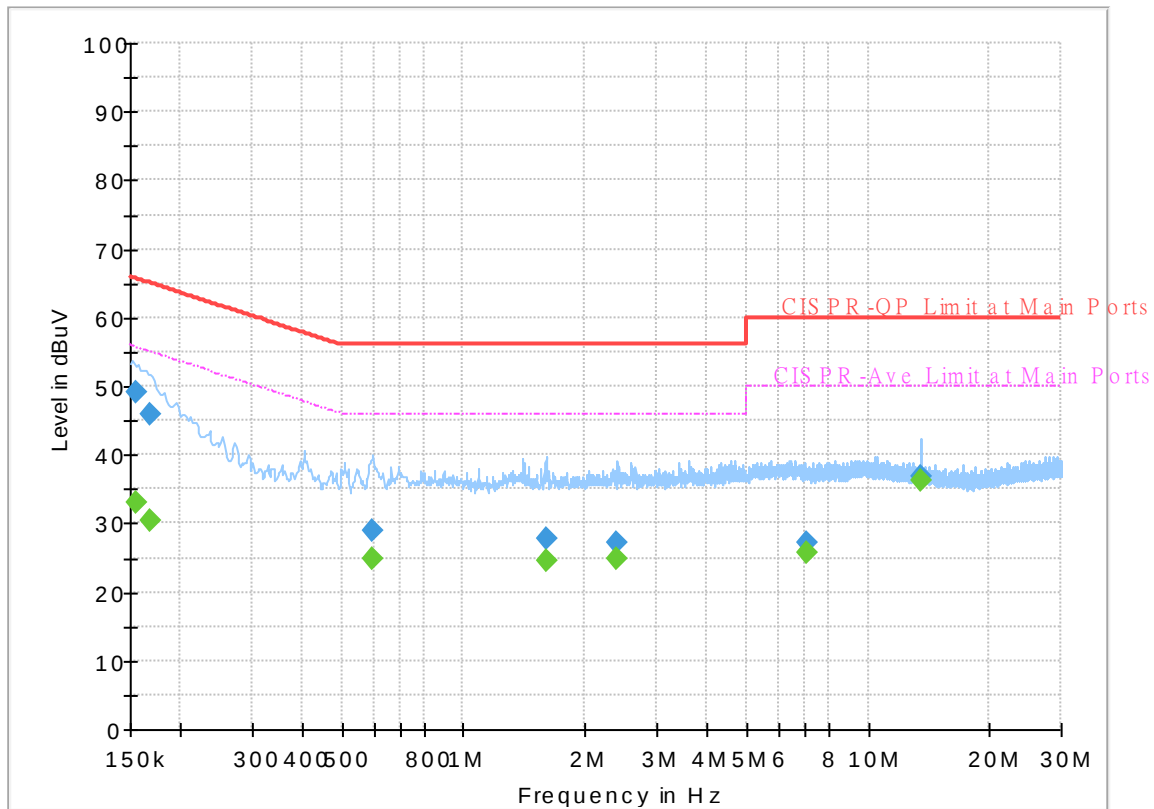
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	32.31	55.75	23.44	L1	OFF	19.8
0.154500	48.44	---	65.75	17.31	L1	OFF	19.8
0.168000	---	29.44	55.06	25.62	L1	OFF	19.8
0.168000	45.04	---	65.06	20.02	L1	OFF	19.8
0.402000	---	24.82	47.81	22.99	L1	OFF	19.8
0.402000	28.42	---	57.81	29.39	L1	OFF	19.8
0.597750	---	23.27	46.00	22.73	L1	OFF	19.8
0.597750	27.52	---	56.00	28.48	L1	OFF	19.8
1.594500	---	24.38	46.00	21.62	L1	OFF	19.9
1.594500	27.57	---	56.00	28.43	L1	OFF	19.9
4.339500	---	25.38	46.00	20.62	L1	OFF	19.9
4.339500	26.88	---	56.00	29.12	L1	OFF	19.9
13.560000	---	36.07	50.00	13.93	L1	OFF	20.2
13.560000	36.75	---	60.00	23.25	L1	OFF	20.2

EUT Information

Report NO : 432902
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	33.03	55.75	22.72	N	OFF	19.8
0.154500	49.22	---	65.75	16.53	N	OFF	19.8
0.168000	---	30.48	55.06	24.58	N	OFF	19.8
0.168000	45.79	---	65.06	19.27	N	OFF	19.8
0.593250	---	24.72	46.00	21.28	N	OFF	19.8
0.593250	28.88	---	56.00	27.12	N	OFF	19.8
1.596750	---	24.48	46.00	21.52	N	OFF	19.9
1.596750	27.92	---	56.00	28.08	N	OFF	19.9
2.404500	---	24.80	46.00	21.20	N	OFF	19.9
2.404500	27.26	---	56.00	28.74	N	OFF	19.9
7.082250	---	25.70	50.00	24.30	N	OFF	20.1
7.082250	27.05	---	60.00	32.95	N	OFF	20.1
13.560000	---	36.17	50.00	13.83	N	OFF	20.3
13.560000	36.88	---	60.00	23.12	N	OFF	20.3



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	22.1~26.0°C
		Relative Humidity :	48.2~69.5%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5031.46	49.85	-24.15	74	38.27	34.15	12.13	34.7	379	257	P	H
		5150	41.12	-12.88	54	29.16	34.3	12.34	34.68	379	257	A	H
	*	5180	100.21	-	-	88.08	34.42	12.39	34.68	379	257	P	H
	*	5180	94.08	-	-	81.95	34.42	12.39	34.68	379	257	A	H
													H
													H
		5134.42	50.4	-23.6	74	38.57	34.21	12.31	34.69	308	214	P	V
		5150	41.55	-12.45	54	29.59	34.3	12.34	34.68	308	214	A	V
	*	5180	103.39	-	-	91.26	34.42	12.39	34.68	308	214	P	V
	*	5180	96.5	-	-	84.37	34.42	12.39	34.68	308	214	A	V
													V
													V
802.11a CH 44 5220MHz		5130	49.54	-24.46	74	37.75	34.18	12.3	34.69	394	256	P	H
		5120.12	40.53	-13.47	54	28.82	34.12	12.28	34.69	394	256	A	H
	*	5220	101.88	-	-	89.54	34.58	12.43	34.67	394	256	P	H
	*	5220	94.64	-	-	82.3	34.58	12.43	34.67	394	256	A	H
		5356.96	49.6	-24.4	74	36.93	34.79	12.53	34.65	394	256	P	H
		5458.88	40.16	-13.84	54	27.37	34.8	12.62	34.63	394	256	A	H
		5114.66	50.03	-23.97	74	38.36	34.09	12.27	34.69	304	215	P	V
		5120.12	40.74	-13.26	54	29.03	34.12	12.28	34.69	304	215	A	V
	*	5220	103.41	-	-	91.07	34.58	12.43	34.67	304	215	P	V
	*	5220	97.78	-	-	85.44	34.58	12.43	34.67	304	215	A	V
		5369.56	49.69	-24.31	74	37.03	34.76	12.54	34.64	304	215	P	V
		5456.64	40.2	-13.8	54	27.41	34.8	12.62	34.63	304	215	A	V



802.11a CH 48 5240MHz		5143.26	49.92	-24.08	74	38.02	34.26	12.32	34.68	397	207	P	H
		5120.12	40.58	-13.42	54	28.87	34.12	12.28	34.69	397	207	A	H
	*	5240	101.54	-	-	89.1	34.66	12.45	34.67	397	207	P	H
	*	5240	94.08	-	-	81.64	34.66	12.45	34.67	397	207	A	H
		5360.32	49.56	-24.44	74	36.9	34.78	12.53	34.65	397	207	P	H
		5458.04	40.18	-13.82	54	27.39	34.8	12.62	34.63	397	207	A	H
		5070.2	50.76	-23.24	74	39.26	34	12.2	34.7	300	213	P	V
		5120.12	40.92	-13.08	54	29.21	34.12	12.28	34.69	300	213	A	V
	*	5240	105.15	-	-	92.71	34.66	12.45	34.67	300	213	P	V
	*	5240	97.77	-	-	85.33	34.66	12.45	34.67	300	213	A	V
		5381.6	49.3	-24.7	74	36.65	34.74	12.55	34.64	300	213	P	V
		5457.76	40.24	-13.76	54	27.45	34.8	12.62	34.63	300	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	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	45.36	-22.84	68.2	48.11	37.48	18.66	58.89	-	-	P	H
		15540	46.93	-27.07	74	40.59	40.18	22.73	56.57	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	51.3	-16.9	68.2	54.05	37.48	18.66	58.89	100	175	P	V
		10360	41.54	-12.46	54	44.29	37.48	18.66	58.89	100	175	A	V
		15540	47.49	-26.51	74	41.15	40.18	22.73	56.57	-	-	P	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	45.91	-22.29	68.2	48.55	37.4	18.71	58.75	-	-	P	H
		15660	46.59	-27.41	74	39.61	40.58	22.84	56.44	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	52.6	-15.6	68.2	55.24	37.4	18.71	58.75	100	175	P	V
		10440	44.86	-9.14	54	47.5	37.4	18.71	58.75	100	175	A	V
		15660	47.01	-26.99	74	40.03	40.58	22.84	56.44	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 48 5240MHz		10480	46.07	-22.13	68.2	48.55	37.46	18.74	58.68	-	-	P	H	
		15720	48.57	-25.43	74	41.12	40.94	22.88	56.37	-	-	P	H	
													H	
													H	
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													H	
													H	
													H	
			10480	53.4	-14.8	68.2	55.88	37.46	18.74	58.68	100	175	P	V
			10480	44.22	-9.78	54	46.7	37.46	18.74	58.68	100	175	A	V
			15720	48.2	-25.8	74	40.75	40.94	22.88	56.37	-	-	P	V
														V
														V
														V
														V
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													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 Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5123.5	56.28	-17.72	74	44.54	34.14	12.29	34.69	400	272	P	H
		5147.42	49.73	-4.27	54	37.8	34.28	12.33	34.68	400	272	A	H
	*	5210	91.76	-	-	79.46	34.54	12.43	34.67	400	272	P	H
	*	5210	85.01	-	-	72.71	34.54	12.43	34.67	400	272	A	H
		5442.64	49.08	-24.92	74	36.31	34.79	12.61	34.63	400	272	P	H
		5456.08	41.44	-12.56	54	28.65	34.8	12.62	34.63	400	272	A	H
		5143.26	58.37	-15.63	74	46.47	34.26	12.32	34.68	311	219	P	V
		5146.12	51.76	-2.24	54	39.83	34.28	12.33	34.68	311	219	A	V
	*	5210	94.61	-	-	82.31	34.54	12.43	34.67	311	219	P	V
	*	5210	87.99	-	-	75.69	34.54	12.43	34.67	311	219	A	V
		5443.2	48.86	-25.14	74	36.09	34.79	12.61	34.63	311	219	P	V
		5358.36	41.41	-12.59	54	28.75	34.78	12.53	34.65	311	219	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)

[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5143.52	50.5	-23.5	74	38.6	34.26	12.32	34.68	381	257	P	H
		5150	41.55	-12.45	54	29.59	34.3	12.34	34.68	381	257	A	H
	*	5180	101.56	-	-	89.43	34.42	12.39	34.68	381	257	P	H
	*	5180	93.74	-	-	81.61	34.42	12.39	34.68	381	257	A	H
													H
													H
		5111.54	50.89	-23.11	74	39.24	34.07	12.27	34.69	381	140	P	V
		5150	41.69	-12.31	54	29.73	34.3	12.34	34.68	381	140	A	V
	*	5180	104.53	-	-	92.4	34.42	12.39	34.68	381	140	P	V
	*	5180	95.58	-	-	83.45	34.42	12.39	34.68	381	140	A	V
													V
													V
802.11ax HE20 Full CH 44 5220MHz		5106.08	50.01	-23.99	74	38.4	34.04	12.26	34.69	400	207	P	H
		5119.86	40.52	-13.48	54	28.81	34.12	12.28	34.69	400	207	A	H
	*	5220	101.47	-	-	89.13	34.58	12.43	34.67	400	207	P	H
	*	5220	93.62	-	-	81.28	34.58	12.43	34.67	400	207	A	H
		5430.32	50.86	-23.14	74	38.14	34.76	12.59	34.63	400	207	P	H
		5459.44	40.21	-13.79	54	27.41	34.8	12.63	34.63	400	207	A	H
		5064.22	49.46	-24.54	74	37.97	34	12.19	34.7	287	214	P	V
		5120.12	40.74	-13.26	54	29.03	34.12	12.28	34.69	287	214	A	V
	*	5220	105.31	-	-	92.97	34.58	12.43	34.67	287	214	P	V
	*	5220	97.34	-	-	85	34.58	12.43	34.67	287	214	A	V
		5453	49.53	-24.47	74	36.74	34.8	12.62	34.63	287	214	P	V
		5449.36	40.28	-13.72	54	27.5	34.8	12.61	34.63	287	214	A	V



802.11ax HE20 Full CH 48 5240MHz		5094.9	49.86	-24.14	74	38.31	34	12.24	34.69	397	207	P	H
		5120.12	40.58	-13.42	54	28.87	34.12	12.28	34.69	397	207	A	H
	*	5240	101.02	-	-	88.58	34.66	12.45	34.67	397	207	P	H
	*	5240	93.68	-	-	81.24	34.66	12.45	34.67	397	207	A	H
		5383.84	49.91	-24.09	74	37.27	34.73	12.55	34.64	397	207	P	H
		5460	40.21	-13.79	54	27.41	34.8	12.63	34.63	397	207	A	H
		5141.44	49.43	-24.57	74	37.54	34.25	12.32	34.68	300	213	P	V
		5120.12	40.93	-13.07	54	29.22	34.12	12.28	34.69	300	213	A	V
	*	5240	107.21	-	-	94.77	34.66	12.45	34.67	300	213	P	V
	*	5240	97.19	-	-	84.75	34.66	12.45	34.67	300	213	A	V
		5449.92	49.13	-24.87	74	36.35	34.8	12.61	34.63	300	213	P	V
		5457.76	40.25	-13.75	54	27.46	34.8	12.62	34.63	300	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 44 5220MHz		10440	48.96	-19.24	68.2	51.6	37.4	18.71	58.75	400	261	P	H
		10440	38.3	-15.7	54	40.94	37.4	18.71	58.75	400	261	A	H
		15660	46.85	-27.15	74	39.87	40.58	22.84	56.44	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10440	52.58	-15.62	68.2	55.22	37.4	18.71	58.75	100	175	P	V
		10440	41.76	-12.24	54	44.4	37.4	18.71	58.75	100	175	A	V
		15660	48	-26	74	41.02	40.58	22.84	56.44	-	-	P	V
													V
													V
													V
													V
													V
													V

[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5033.02	49.55	-24.45	74	37.97	34.14	12.14	34.7	400	262	P	H
		5150	40.94	-13.06	54	28.98	34.3	12.34	34.68	400	262	A	H
	*	5180	105.43	-	-	93.3	34.42	12.39	34.68	400	262	P	H
	*	5180	97.11	-	-	84.98	34.42	12.39	34.68	400	262	A	H
													H
													H
		5094.12	50.27	-23.73	74	38.72	34	12.24	34.69	381	143	P	V
		5150	41.1	-12.9	54	29.14	34.3	12.34	34.68	381	143	A	V
	*	5180	107.68	-	-	95.55	34.42	12.39	34.68	381	143	P	V
	*	5180	99.16	-	-	87.03	34.42	12.39	34.68	381	143	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5148.98	54.43	-19.57	74	42.49	34.29	12.33	34.68	400	257	P	H
		5150	46.17	-7.83	54	34.21	34.3	12.34	34.68	400	257	A	H
	*	5190	99.93	-	-	87.75	34.46	12.4	34.68	400	257	P	H
	*	5190	91	-	-	78.82	34.46	12.4	34.68	400	257	A	H
		5370.4	49.92	-24.08	74	37.26	34.76	12.54	34.64	400	257	P	H
		5451.6	41.79	-12.21	54	29	34.8	12.62	34.63	400	257	A	H
		5143.78	56.46	-17.54	74	44.56	34.26	12.32	34.68	278	216	P	V
		5150	50.32	-3.68	54	38.36	34.3	12.34	34.68	278	216	A	V
	*	5190	101.98	-	-	89.8	34.46	12.4	34.68	278	216	P	V
	*	5190	92.72	-	-	80.54	34.46	12.4	34.68	278	216	A	V
		5368.44	49.1	-24.9	74	36.44	34.76	12.54	34.64	278	216	P	V
		5448.24	41.74	-12.26	54	28.96	34.8	12.61	34.63	278	216	A	V
802.11ax HE40 Full CH 46 5230MHz		5026.26	50.56	-23.44	74	38.96	34.19	12.12	34.71	400	229	P	H
		5146.12	42.16	-11.84	54	30.23	34.28	12.33	34.68	400	229	A	H
	*	5230	98.27	-	-	85.88	34.62	12.44	34.67	400	229	P	H
	*	5230	91.01	-	-	78.62	34.62	12.44	34.67	400	229	A	H
		5432.28	49.16	-24.84	74	36.43	34.76	12.6	34.63	400	229	P	H
		5451.04	41.78	-12.22	54	28.99	34.8	12.62	34.63	400	229	A	H
		5144.3	50.55	-23.45	74	38.63	34.27	12.33	34.68	282	216	P	V
		5104.78	42.51	-11.49	54	30.91	34.03	12.26	34.69	282	216	A	V
	*	5230	102.79	-	-	90.4	34.62	12.44	34.67	282	216	P	V
	*	5230	94.9	-	-	82.51	34.62	12.44	34.67	282	216	A	V
		5414.92	49.32	-24.68	74	36.65	34.73	12.58	34.64	282	216	P	V
		5443.76	41.59	-12.41	54	28.82	34.79	12.61	34.63	282	216	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]



Band 1 5150~5250MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5115.18	56.66	-17.34	74	44.98	34.09	12.28	34.69	393	256	P	H
		5114.4	47.32	-6.68	54	35.65	34.09	12.27	34.69	393	256	A	H
	*	5210	96.61	-	-	84.31	34.54	12.43	34.67	393	256	P	H
	*	5210	87.77	-	-	75.47	34.54	12.43	34.67	393	256	A	H
		5357.52	48.97	-25.03	74	36.31	34.78	12.53	34.65	393	256	P	H
		5442.36	41.6	-12.4	54	28.84	34.78	12.61	34.63	393	256	A	H
		5133.38	61.32	-12.68	74	49.5	34.2	12.31	34.69	280	214	P	V
		5134.68	51.87	-2.13	54	40.04	34.21	12.31	34.69	280	214	A	V
	*	5210	96.17	-	-	83.87	34.54	12.43	34.67	280	214	P	V
	*	5210	88.82	-	-	76.52	34.54	12.43	34.67	280	214	A	V
		5396.16	49.04	-24.96	74	36.41	34.71	12.56	34.64	280	214	P	V
		5350.8	41.73	-12.27	54	29.05	34.8	12.53	34.65	280	214	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)

[illegible]



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5086.8	51.07	-22.93	74	39.53	34	12.23	34.69	400	282	P	H
		5120.05	40.55	-13.45	54	28.84	34.12	12.28	34.69	400	282	A	H
	*	5260	99.58	-	-	87.1	34.68	12.46	34.66	400	282	P	H
	*	5260	92.51	-	-	80.03	34.68	12.46	34.66	400	282	A	H
		5402.4	49.64	-24.36	74	37.02	34.7	12.56	34.64	400	282	P	H
		5453.76	40.18	-13.82	54	27.39	34.8	12.62	34.63	400	282	A	H
		5105	50.4	-23.6	74	38.8	34.03	12.26	34.69	282	216	P	V
		5120.05	40.91	-13.09	54	29.2	34.12	12.28	34.69	282	216	A	V
	*	5260	105.49	-	-	93.01	34.68	12.46	34.66	282	216	P	V
	*	5260	97.86	-	-	85.38	34.68	12.46	34.66	282	216	A	V
		5377.2	49.42	-24.58	74	36.77	34.75	12.54	34.64	282	216	P	V
		5456.4	40.24	-13.76	54	27.45	34.8	12.62	34.63	282	216	A	V
802.11a CH 60 5300MHz		5136.5	50.06	-23.94	74	38.22	34.22	12.31	34.69	400	256	P	H
		5147.35	40.51	-13.49	54	28.58	34.28	12.33	34.68	400	256	A	H
	*	5300	102.28	-	-	89.85	34.6	12.49	34.66	400	256	P	H
	*	5300	93.92	-	-	81.49	34.6	12.49	34.66	400	256	A	H
		5367.12	49.81	-24.19	74	37.14	34.77	12.54	34.64	400	256	P	H
		5458.08	40.21	-13.79	54	27.42	34.8	12.62	34.63	400	256	A	H
		5047.6	50.7	-23.3	74	39.22	34.02	12.16	34.7	295	216	P	V
		5120.05	40.9	-13.1	54	29.19	34.12	12.28	34.69	295	216	A	V
	*	5300	105.13	-	-	92.7	34.6	12.49	34.66	295	216	P	V
	*	5300	97.75	-	-	85.32	34.6	12.49	34.66	295	216	A	V
		5439.84	50.26	-23.74	74	37.51	34.78	12.6	34.63	295	216	P	V
		5459.52	40.3	-13.7	54	27.5	34.8	12.63	34.63	295	216	A	V



802.11a CH 64 5320MHz	*	5320	101.36	-	-	88.83	34.68	12.5	34.65	400	255	P	H
	*	5320	94.02	-	-	81.49	34.68	12.5	34.65	400	255	A	H
		5371.52	48.52	-25.48	74	35.86	34.76	12.54	34.64	400	255	P	H
		5350.08	40.21	-13.79	54	27.53	34.8	12.53	34.65	400	255	A	H
													H
													H
	*	5320	103.1	-	-	90.57	34.68	12.5	34.65	294	215	P	V
	*	5320	97.35	-	-	84.82	34.68	12.5	34.65	294	215	A	V
		5436.64	49.28	-24.72	74	36.54	34.77	12.6	34.63	294	215	P	V
		5350.08	40.88	-13.12	54	28.2	34.8	12.53	34.65	294	215	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)

[illegible]



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	45.42	-28.58	74	47.58	37.6	18.83	58.59	-	-	P	H
		15900	48.89	-25.11	74	41.05	41	23.02	56.18	-	-	P	H
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													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	50.9	-23.1	74	53.06	37.6	18.83	58.59	105	175	P	V
		10600	41.72	-12.28	54	43.88	37.6	18.83	58.59	105	175	A	V
		15900	48.11	-25.89	74	40.27	41	23.02	56.18	-	-	P	V
													V
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													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	45.92	-28.08	74	48.03	37.6	18.86	58.57	-	-	P	H
		15960	46.58	-27.42	74	38.62	41	23.07	56.11	-	-	P	H
													H
													H
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													H
													H
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													H
													H
													H
													H
		10640	51.38	-22.62	74	53.49	37.6	18.86	58.57	198	180	P	V
		10640	41.22	-12.78	54	43.33	37.6	18.86	58.57	198	180	A	V
		15960	46.7	-27.3	74	38.74	41	23.07	56.11	-	-	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.												
Remark	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 Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5136.85	51.25	-22.75	74	39.41	34.22	12.31	34.69	100	147	P	H
		5142.1	42.3	-11.7	54	30.41	34.25	12.32	34.68	100	147	A	H
	*	5290	94.37	-	-	81.93	34.62	12.48	34.66	100	147	P	H
	*	5290	86.89	-	-	74.45	34.62	12.48	34.66	100	147	A	H
		5353.44	53.66	-20.34	74	40.99	34.79	12.53	34.65	100	147	P	H
		5352.24	46.8	-7.2	54	34.12	34.8	12.53	34.65	100	147	A	H
		5059.85	49.72	-24.28	74	38.24	34	12.18	34.7	400	147	P	V
		5140.35	42.11	-11.89	54	30.23	34.24	12.32	34.68	400	147	A	V
	*	5290	93.53	-	-	81.09	34.62	12.48	34.66	400	147	P	V
	*	5290	86.54	-	-	74.1	34.62	12.48	34.66	400	147	A	V
		5361.36	56.21	-17.79	74	43.54	34.78	12.53	34.64	400	147	P	V
		5350.56	49.49	-4.51	54	36.81	34.8	12.53	34.65	400	147	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)

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		5078.05	50.15	-23.85	74	38.64	34	12.21	34.7	400	277	P	H
		5120.05	40.5	-13.5	54	28.79	34.12	12.28	34.69	400	277	A	H
	*	5260	100.05	-	-	87.57	34.68	12.46	34.66	400	277	P	H
	*	5260	91.93	-	-	79.45	34.68	12.46	34.66	400	277	A	H
		5407.2	50.08	-23.92	74	37.44	34.71	12.57	34.64	400	277	P	H
		5455.44	40.22	-13.78	54	27.43	34.8	12.62	34.63	400	277	A	H
		5057.75	50.82	-23.18	74	39.34	34	12.18	34.7	283	217	P	V
		5120.05	40.8	-13.2	54	29.09	34.12	12.28	34.69	283	217	A	V
	*	5260	105.81	-	-	93.33	34.68	12.46	34.66	283	217	P	V
	*	5260	97.16	-	-	84.68	34.68	12.46	34.66	283	217	A	V
		5450.16	49.94	-24.06	74	37.15	34.8	12.62	34.63	283	217	P	V
		5457.6	40.19	-13.81	54	27.4	34.8	12.62	34.63	283	217	A	V
802.11ax HE20 Full CH 60 5300MHz		5120.05	50.07	-23.93	74	38.36	34.12	12.28	34.69	400	273	P	H
		5148.4	40.5	-13.5	54	28.56	34.29	12.33	34.68	400	273	A	H
	*	5300	101.27	-	-	88.84	34.6	12.49	34.66	400	273	P	H
	*	5300	93.04	-	-	80.61	34.6	12.49	34.66	400	273	A	H
		5406.96	50.53	-23.47	74	37.89	34.71	12.57	34.64	400	273	P	H
		5457.6	40.28	-13.72	54	27.49	34.8	12.62	34.63	400	273	A	H
		5048.65	51.13	-22.87	74	39.66	34.01	12.16	34.7	296	216	P	V
		5120.05	40.74	-13.26	54	29.03	34.12	12.28	34.69	296	216	A	V
	*	5300	106.37	-	-	93.94	34.6	12.49	34.66	296	216	P	V
	*	5300	96.58	-	-	84.15	34.6	12.49	34.66	296	216	A	V
		5391.84	49.52	-24.48	74	36.89	34.72	12.55	34.64	296	216	P	V
		5458.08	40.37	-13.63	54	27.58	34.8	12.62	34.63	296	216	A	V



802.11ax HE20 Full CH 64 5320MHz	*	5320	101.82	-	-	89.29	34.68	12.5	34.65	400	257	P	H
	*	5320	93.53	-	-	81	34.68	12.5	34.65	400	257	A	H
		5353.44	49.43	-24.57	74	36.76	34.79	12.53	34.65	400	257	P	H
		5458.24	40.27	-13.73	54	27.48	34.8	12.62	34.63	400	257	A	H
													H
													H
	*	5320	106.3	-	-	93.77	34.68	12.5	34.65	294	217	P	V
	*	5320	96.38	-	-	83.85	34.68	12.5	34.65	294	217	A	V
		5457.92	49.41	-24.59	74	36.62	34.8	12.62	34.63	294	217	P	V
		5350.08	40.66	-13.34	54	27.98	34.8	12.53	34.65	294	217	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

[illegible]



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 60 5300MHz		10600	45.42	-28.58	74	47.58	37.6	18.83	58.59	-	-	P	H
		15900	48.21	-25.79	74	40.37	41	23.02	56.18	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10600	51.3	-22.7	74	53.46	37.6	18.83	58.59	100	176	P	V
		10600	41.46	-12.54	54	43.62	37.6	18.83	58.59	100	176	A	V
		15900	47.5	-26.5	74	39.66	41	23.02	56.18	-	-	P	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz		10640	46.25	-27.75	74	48.36	37.6	18.86	58.57	-	-	P	H
		15960	46.34	-27.66	74	38.38	41	23.07	56.11	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	52.1	-21.9	74	54.21	37.6	18.86	58.57	214	179	P	V
		10640	40.91	-13.09	54	43.02	37.6	18.86	58.57	214	179	A	V
		15960	46.72	-27.28	74	38.76	41	23.07	56.11	-	-	P	V
													V
													V
													V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	105.37	-	-	92.84	34.68	12.5	34.65	398	260	P	H
	*	5320	97.11	-	-	84.58	34.68	12.5	34.65	398	260	A	H
		5437.92	49.64	-24.36	74	36.89	34.78	12.6	34.63	398	260	P	H
		5459.04	40.15	-13.85	54	27.36	34.8	12.62	34.63	398	260	A	H
													H
													H
	*	5320	106.87	-	-	94.34	34.68	12.5	34.65	400	131	P	V
	*	5320	97.74	-	-	85.21	34.68	12.5	34.65	400	131	A	V
		5451.04	50.39	-23.61	74	37.6	34.8	12.62	34.63	400	131	P	V
		5459.52	40.17	-13.83	54	27.37	34.8	12.63	34.63	400	131	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5148.05	50.71	-23.29	74	38.77	34.29	12.33	34.68	100	146	P	H
		5131.25	41.88	-12.12	54	30.08	34.19	12.3	34.69	100	146	A	H
	*	5270	100.48	-	-	88.01	34.66	12.47	34.66	100	146	P	H
	*	5270	91.21	-	-	78.74	34.66	12.47	34.66	100	146	A	H
		5352.96	49.5	-24.5	74	36.83	34.79	12.53	34.65	100	146	P	H
		5359.92	41.78	-12.22	54	29.12	34.78	12.53	34.65	100	146	A	H
		5095.2	50.31	-23.69	74	38.76	34	12.24	34.69	284	216	P	V
		5126.7	42.16	-11.84	54	30.39	34.16	12.3	34.69	284	216	A	V
	*	5270	103.66	-	-	91.19	34.66	12.47	34.66	284	216	P	V
	*	5270	94.98	-	-	82.51	34.66	12.47	34.66	284	216	A	V
		5415.36	49.7	-24.3	74	37.03	34.73	12.58	34.64	284	216	P	V
		5424.48	41.71	-12.29	54	29	34.75	12.59	34.63	284	216	A	V
802.11ax HE40 Full CH 62 5310MHz		5119.7	50.19	-23.81	74	38.48	34.12	12.28	34.69	400	257	P	H
		5150	41.97	-12.03	54	30.01	34.3	12.34	34.68	400	257	A	H
	*	5310	99.01	-	-	86.52	34.64	12.5	34.65	400	257	P	H
	*	5310	90.64	-	-	78.15	34.64	12.5	34.65	400	257	A	H
		5453.04	49.99	-24.01	74	37.2	34.8	12.62	34.63	400	257	P	H
		5350.32	42.31	-11.69	54	29.63	34.8	12.53	34.65	400	257	A	H
		5122.85	50.39	-23.61	74	38.65	34.14	12.29	34.69	294	215	P	V
		5136.85	41.97	-12.03	54	30.13	34.22	12.31	34.69	294	215	A	V
	*	5310	103.98	-	-	91.49	34.64	12.5	34.65	294	215	P	V
	*	5310	94.35	-	-	81.86	34.64	12.5	34.65	294	215	A	V
		5354.88	52.24	-21.76	74	39.57	34.79	12.53	34.65	294	215	P	V
		5350.08	44.93	-9.07	54	32.25	34.8	12.53	34.65	294	215	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]



Band 2 5250~5350MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5132.08	49.95	-24.05	74	38.15	34.19	12.3	34.69	100	146	P	H
		5135.2	43.02	-10.98	54	31.19	34.21	12.31	34.69	100	146	A	H
	*	5290	95.32	-	-	82.88	34.62	12.48	34.66	100	146	P	H
	*	5290	87.85	-	-	75.41	34.62	12.48	34.66	100	146	A	H
		5356.12	54.34	-19.66	74	41.67	34.79	12.53	34.65	100	146	P	H
		5350	47.66	-6.34	54	34.98	34.8	12.53	34.65	100	146	A	H
		5135.1	56.34	-17.66	74	44.51	34.21	12.31	34.69	292	216	P	V
		5137.9	44.51	-9.49	54	32.66	34.23	12.31	34.69	292	216	A	V
	*	5326	99.81	-	-	87.25	34.7	12.51	34.65	292	216	P	V
	*	5314	90.4	-	-	77.89	34.66	12.5	34.65	292	216	A	V
		5354.4	61.26	-12.74	74	48.59	34.79	12.53	34.65	292	216	P	V
		5357.28	51.44	-2.56	54	38.77	34.79	12.53	34.65	292	216	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)

[illegible]



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5434.64	50.04	-23.96	74	37.3	34.77	12.6	34.63	398	233	P	H
		5465.04	49.78	-18.42	68.2	36.98	34.8	12.63	34.63	398	233	P	H
		5459.6	40.36	-13.64	54	27.56	34.8	12.63	34.63	398	233	A	H
	*	5500	95.32	-	-	82.47	34.8	12.67	34.62	398	233	P	H
	*	5500	88.92	-	-	76.07	34.8	12.67	34.62	398	233	A	H
													H
		5352.08	50.27	-23.73	74	37.59	34.8	12.53	34.65	307	216	P	V
		5460.88	50.4	-17.8	68.2	37.6	34.8	12.63	34.63	307	216	P	V
		5459.6	40.41	-13.59	54	27.61	34.8	12.63	34.63	307	216	A	V
	*	5500	100.39	-	-	87.54	34.8	12.67	34.62	307	216	P	V
	*	5500	92.16	-	-	79.31	34.8	12.67	34.62	307	216	A	V
													V
802.11a CH 116 5580MHz		5351.92	49.24	-24.76	74	36.56	34.8	12.53	34.65	382	251	P	H
		5465.44	48.65	-19.55	68.2	35.85	34.8	12.63	34.63	382	251	P	H
		5456.56	40.19	-13.81	54	27.4	34.8	12.62	34.63	382	251	A	H
	*	5580	93.16	-	-	80.36	34.7	12.76	34.66	382	251	P	H
	*	5580	87.08	-	-	74.28	34.7	12.76	34.66	382	251	A	H
		5742.005	50.91	-17.29	68.2	37.48	35.2	12.99	34.76	382	251	P	H
		5437.84	49.56	-24.44	74	36.81	34.78	12.6	34.63	284	217	P	V
		5461.12	48.49	-19.71	68.2	35.69	34.8	12.63	34.63	284	217	P	V
		5459.68	40.28	-13.72	54	27.48	34.8	12.63	34.63	284	217	A	V
	*	5580	98.42	-	-	85.62	34.7	12.76	34.66	284	217	P	V
	*	5580	92.4	-	-	79.6	34.7	12.76	34.66	284	217	A	V
		5762.795	50.06	-18.14	68.2	36.61	35.2	13.02	34.77	284	217	P	V



802.11a CH 140 5700MHz	*	5700	92.97	-	-	79.58	35.2	12.92	34.73	365	252	P	H
	*	5700	86.72	-	-	73.33	35.2	12.92	34.73	365	252	A	H
		5742.2	51.09	-17.11	68.2	37.66	35.2	12.99	34.76	365	252	P	H
													H
													H
													H
	*	5700	98.5	-	-	85.11	35.2	12.92	34.73	259	216	P	V
	*	5700	91.66	-	-	78.27	35.2	12.92	34.73	259	216	A	V
		5760.52	50.41	-17.79	68.2	36.97	35.2	13.01	34.77	259	216	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	45.13	-28.87	74	46.58	37.8	19.11	58.36	-	-	P	H
		16500	49.82	-18.38	68.2	40.76	42.1	23.44	56.48	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	45.01	-28.99	74	46.46	37.8	19.11	58.36	-	-	P	V
		16500	49.28	-18.92	68.2	40.22	42.1	23.44	56.48	-	-	P	V
													V
													V
													V
													V
													V
													V
													V

[illegible]

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
802.11a CH 140 5700MHz		11400	45	-29	74	44.64	38.2	19.41	57.25	-	-	P	H	
		17100	49.13	-19.07	68.2	39.72	41.8	23.83	56.22	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			11400	45.8	-28.2	74	45.44	38.2	19.41	57.25	-	-	P	V
			17100	48.81	-19.39	68.2	39.4	41.8	23.83	56.22	-	-	P	V
														V
														V
														V
														V
														V
														V
														V
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5454.4	51.01	-22.99	74	38.22	34.8	12.62	34.63	400	252	P	H
		5465.2	53.2	-15	68.2	40.4	34.8	12.63	34.63	400	252	P	H
		5459.2	44.7	-9.3	54	31.9	34.8	12.63	34.63	400	252	A	H
	*	5530	83.8	-	-	71	34.74	12.7	34.64	400	252	P	H
	*	5530	78.39	-	-	65.59	34.74	12.7	34.64	400	252	A	H
		5747.36	50.8	-17.4	68.2	37.37	35.2	12.99	34.76	400	252	P	H
		5459.68	55.32	-18.68	74	42.52	34.8	12.63	34.63	297	216	P	V
		5464.24	53.89	-14.31	68.2	41.09	34.8	12.63	34.63	297	216	P	V
		5436.16	47.53	-6.47	54	34.79	34.77	12.6	34.63	297	216	A	V
	*	5530	88.79	-	-	75.99	34.74	12.7	34.64	297	216	P	V
	*	5530	83.29	-	-	70.49	34.74	12.7	34.64	297	216	A	V
		5728.145	49.63	-18.57	68.2	36.21	35.2	12.97	34.75	297	216	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)

[illegible]



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5431.6	49.78	-24.22	74	37.06	34.76	12.59	34.63	400	231	P	H
		5460.88	48.89	-19.31	68.2	36.09	34.8	12.63	34.63	400	231	P	H
		5457.36	39.95	-14.05	54	27.16	34.8	12.62	34.63	400	231	A	H
	*	5500	94.75	-	-	81.9	34.8	12.67	34.62	400	231	P	H
	*	5500	87.29	-	-	74.44	34.8	12.67	34.62	400	231	A	H
		5427.12	50.34	-23.66	74	37.63	34.75	12.59	34.63	294	219	P	V
		5466.16	49.14	-19.06	68.2	36.34	34.8	12.63	34.63	294	219	P	V
		5459.44	40.24	-13.76	54	27.44	34.8	12.63	34.63	294	219	A	V
	*	5500	100.27	-	-	87.42	34.8	12.67	34.62	294	219	P	V
	*	5500	91.04	-	-	78.19	34.8	12.67	34.62	294	219	A	V
													V
													V
802.11ax HE20 Full CH 116 5580MHz		5381.92	49.37	-24.63	74	36.72	34.74	12.55	34.64	400	254	P	H
		5470	48.17	-20.03	68.2	35.36	34.8	12.64	34.63	400	254	P	H
		5456.32	39.92	-14.08	54	27.13	34.8	12.62	34.63	400	254	A	H
	*	5580	95.02	-	-	82.22	34.7	12.76	34.66	400	254	P	H
	*	5580	86.52	-	-	73.72	34.7	12.76	34.66	400	254	A	H
		5749.565	49.55	-18.65	68.2	36.11	35.2	13	34.76	400	254	P	H
		5407.84	49.63	-24.37	74	36.98	34.72	12.57	34.64	298	218	P	V
		5468.08	48.11	-20.09	68.2	35.31	34.8	12.63	34.63	298	218	P	V
		5459.2	39.97	-14.03	54	27.17	34.8	12.63	34.63	298	218	A	V
	*	5580	98.32	-	-	85.52	34.7	12.76	34.66	298	218	P	V
	*	5580	90.5	-	-	77.7	34.7	12.76	34.66	298	218	A	V
		5730.665	49.67	-18.53	68.2	36.25	35.2	12.97	34.75	298	218	P	V



802.11ax HE20 Full CH 140 5700MHz	*	5700	96.33	-	-	82.94	35.2	12.92	34.73	400	267	P	H
	*	5700	87.62	-	-	74.23	35.2	12.92	34.73	400	267	A	H
		5757.16	50.26	-17.94	68.2	36.81	35.2	13.01	34.76	400	267	P	H
													H
													H
													H
	*	5700	100.51	-	-	87.12	35.2	12.92	34.73	288	220	P	V
	*	5700	91.87	-	-	78.48	35.2	12.92	34.73	288	220	A	V
		5725	51.46	-16.74	68.2	38.05	35.2	12.96	34.75	288	220	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)

[illegible]

[illegible]

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 140 5700MHz		11400	45.63	-28.37	74	45.27	38.2	19.41	57.25	-	-	P	H
		17100	49.59	-18.61	68.2	40.18	41.8	23.83	56.22	-	-	P	H
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Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5398.64	50.39	-23.61	74	37.77	34.7	12.56	34.64	399	232	P	H
		5460.72	50.62	-17.58	68.2	37.82	34.8	12.63	34.63	399	232	P	H
		5459.92	40.24	-13.76	54	27.44	34.8	12.63	34.63	399	232	A	H
	*	5500	97.5	-	-	84.65	34.8	12.67	34.62	399	232	P	H
	*	5500	90.23	-	-	77.38	34.8	12.67	34.62	399	232	A	H
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		5433.52	50.02	-23.98	74	37.28	34.77	12.6	34.63	292	217	P	V
		5464.56	49	-19.2	68.2	36.2	34.8	12.63	34.63	292	217	P	V
		5458.32	40.38	-13.62	54	27.59	34.8	12.62	34.63	292	217	A	V
	*	5500	102.33	-	-	89.48	34.8	12.67	34.62	292	217	P	V
	*	5500	93.94	-	-	81.09	34.8	12.67	34.62	292	217	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5365.36	49.72	-24.28	74	37.05	34.77	12.54	34.64	398	232	P	H
		5460	49.3	-18.9	68.2	36.5	34.8	12.63	34.63	398	232	P	H
		5458.48	41.71	-12.29	54	28.92	34.8	12.62	34.63	398	232	A	H
	*	5510	93.68	-	-	80.85	34.78	12.68	34.63	398	232	P	H
	*	5510	84.53	-	-	71.7	34.78	12.68	34.63	398	232	A	H
		5749.565	50.48	-17.72	68.2	37.04	35.2	13	34.76	398	232	P	H
		5414.8	49.93	-24.07	74	37.26	34.73	12.58	34.64	290	220	P	V
		5469.04	50.98	-17.22	68.2	38.17	34.8	12.64	34.63	290	220	P	V
		5459.68	42.39	-11.61	54	29.59	34.8	12.63	34.63	290	220	A	V
	*	5510	97.64	-	-	84.81	34.78	12.68	34.63	290	220	P	V
	*	5510	88.42	-	-	75.59	34.78	12.68	34.63	290	220	A	V
		5736.335	49.32	-18.88	68.2	35.89	35.2	12.98	34.75	290	220	P	V
802.11ax HE40 Full CH 110 5550MHz		5400.16	49.18	-24.82	74	36.56	34.7	12.56	34.64	400	268	P	H
		5461.36	48.44	-19.76	68.2	35.64	34.8	12.63	34.63	400	268	P	H
		5453.68	41.74	-12.26	54	28.95	34.8	12.62	34.63	400	268	A	H
	*	5550	91.26	-	-	78.48	34.7	12.73	34.65	400	268	P	H
	*	5550	83.5	-	-	70.72	34.7	12.73	34.65	400	268	A	H
		5762.48	50.18	-18.02	68.2	36.73	35.2	13.02	34.77	400	268	P	H
		5382.64	49.63	-24.37	74	36.99	34.73	12.55	34.64	270	220	P	V
		5466.16	48.53	-19.67	68.2	35.73	34.8	12.63	34.63	270	220	P	V
		5447.92	41.63	-12.37	54	28.85	34.8	12.61	34.63	270	220	A	V
	*	5550	97.28	-	-	84.5	34.7	12.73	34.65	270	220	P	V
	*	5550	87.85	-	-	75.07	34.7	12.73	34.65	270	220	A	V
		5732.24	49.47	-18.73	68.2	36.05	35.2	12.97	34.75	270	220	P	V



802.11ax HE40 Full CH 134 5670MHz		5442.4	49.73	-24.27	74	36.97	34.78	12.61	34.63	384	267	P	H
		5465.85	48.06	-20.14	68.2	35.26	34.8	12.63	34.63	384	267	P	H
		5453.25	41.65	-12.35	54	28.86	34.8	12.62	34.63	384	267	A	H
	*	5670	93.32	-	-	80.08	35.08	12.88	34.72	384	267	P	H
	*	5670	84.15	-	-	70.91	35.08	12.88	34.72	384	267	A	H
		5729.475	49.71	-18.49	68.2	36.29	35.2	12.97	34.75	384	267	P	H
		5354.2	49	-25	74	36.33	34.79	12.53	34.65	292	222	P	V
		5464.8	49.43	-18.77	68.2	36.63	34.8	12.63	34.63	292	222	P	V
		5453.25	41.84	-12.16	54	29.05	34.8	12.62	34.63	292	222	A	V
	*	5670	97.35	-	-	84.11	35.08	12.88	34.72	292	222	P	V
	*	5670	88.89	-	-	75.65	35.08	12.88	34.72	292	222	A	V
		5764.825	50.44	-17.76	68.2	36.99	35.2	13.02	34.77	292	222	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		11020	44.89	-29.11	74	46.26	37.8	19.13	58.3	-	-	P	H
		16530	48.44	-19.76	68.2	39.6	41.86	23.45	56.47	-	-	P	H
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		11020	46.16	-27.84	74	47.53	37.8	19.13	58.3	-	-	P	V
		16530	48.67	-19.53	68.2	39.83	41.86	23.45	56.47	-	-	P	V
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Band 3 5470~5725MHz

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5459.44	50.38	-23.62	74	37.58	34.8	12.63	34.63	400	231	P	H
		5464.96	52.28	-15.92	68.2	39.48	34.8	12.63	34.63	400	231	P	H
		5457.04	43.4	-10.6	54	30.61	34.8	12.62	34.63	400	231	A	H
	*	5530	88.88	-	-	76.08	34.74	12.7	34.64	400	231	P	H
	*	5530	81.35	-	-	68.55	34.74	12.7	34.64	400	231	A	H
		5728.46	49.8	-18.4	68.2	36.38	35.2	12.97	34.75	400	231	P	H
		5435.2	54.93	-19.07	74	42.19	34.77	12.6	34.63	289	222	P	V
		5461.36	53.53	-14.67	68.2	40.73	34.8	12.63	34.63	289	222	P	V
		5434.96	46.37	-7.63	54	33.63	34.77	12.6	34.63	289	222	A	V
	*	5530	93.15	-	-	80.35	34.74	12.7	34.64	289	222	P	V
	*	5530	85.07	-	-	72.27	34.74	12.7	34.64	289	222	A	V
		5760.275	49.91	-18.29	68.2	36.47	35.2	13.01	34.77	289	222	P	V
802.11ax HE80 Full CH 122 5610MHz		5458.15	50.77	-23.23	74	37.98	34.8	12.62	34.63	400	253	P	H
		5469	49.23	-18.97	68.2	36.42	34.8	12.64	34.63	400	253	P	H
		5454.3	42.06	-11.94	54	29.27	34.8	12.62	34.63	400	253	A	H
	*	5610	90.54	-	-	77.67	34.76	12.79	34.68	400	253	P	H
	*	5610	81.37	-	-	68.5	34.76	12.79	34.68	400	253	A	H
		5752.925	50.04	-18.16	68.2	36.6	35.2	13	34.76	400	253	P	H
		5457.45	49.84	-24.16	74	37.05	34.8	12.62	34.63	297	218	P	V
		5461.3	48.41	-19.79	68.2	35.61	34.8	12.63	34.63	297	218	P	V
		5453.95	42.02	-11.98	54	29.23	34.8	12.62	34.63	297	218	A	V
	*	5610	94.32	-	-	81.45	34.76	12.79	34.68	297	218	P	V
	*	5610	85.12	-	-	72.25	34.76	12.79	34.68	297	218	A	V
		5726.5	50.66	-17.54	68.2	37.25	35.2	12.96	34.75	297	218	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

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Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5352.34	48.67	-25.33	74	35.99	34.8	12.53	34.65	362	253	P	H
		5465.83	48.41	-19.79	68.2	35.61	34.8	12.63	34.63	362	253	P	H
		5459.98	40.2	-13.8	54	27.4	34.8	12.63	34.63	362	253	A	H
	*	5720	94.33	-	-	80.92	35.2	12.95	34.74	362	253	P	H
	*	5720	87.3	-	-	73.89	35.2	12.95	34.74	362	253	A	H
		5941.75	50.94	-17.26	68.2	37.61	35.02	13.18	34.87	362	253	P	H
		5375.35	50.48	-23.52	74	37.83	34.75	12.54	34.64	271	216	P	V
		5463.49	50.5	-17.7	68.2	37.7	34.8	12.63	34.63	271	216	P	V
		5459.2	40.22	-13.78	54	27.42	34.8	12.63	34.63	271	216	A	V
	*	5720	99.5	-	-	86.09	35.2	12.95	34.74	271	216	P	V
	*	5720	93.29	-	-	79.88	35.2	12.95	34.74	271	216	A	V
		5916.75	51.53	-16.67	68.2	38.15	35.07	13.16	34.85	271	216	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



TEL : 886-3-327-3456
FAX : 886-3-328-4978



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5369.11	49.87	-24.13	74	37.21	34.76	12.54	34.64	400	256	P	H
		5461.15	47.99	-20.21	68.2	35.19	34.8	12.63	34.63	400	256	P	H
		5459.2	39.94	-14.06	54	27.14	34.8	12.63	34.63	400	256	A	H
	*	5720	98.01	-	-	84.6	35.2	12.95	34.74	400	256	P	H
	*	5720	88.37	-	-	74.96	35.2	12.95	34.74	400	256	A	H
		5911.25	51.25	-16.95	68.2	37.86	35.08	13.16	34.85	400	256	P	H
		5428	49.11	-24.89	74	36.39	34.76	12.59	34.63	288	218	P	V
		5468.17	47.83	-20.37	68.2	35.03	34.8	12.63	34.63	288	218	P	V
		5458.03	39.92	-14.08	54	27.13	34.8	12.62	34.63	288	218	A	V
	*	5720	102.11	-	-	88.7	35.2	12.95	34.74	288	218	P	V
	*	5720	92.07	-	-	78.66	35.2	12.95	34.74	288	218	A	V
		5906.5	50.89	-17.31	68.2	37.49	35.09	13.16	34.85	288	218	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5444.77	48.79	-25.21	74	36.02	34.79	12.61	34.63	400	256	P	H
		5462.71	48.94	-19.26	68.2	36.14	34.8	12.63	34.63	400	256	P	H
		5459.2	41.26	-12.74	54	28.46	34.8	12.63	34.63	400	256	A	H
	*	5710	92.39	-	-	78.99	35.2	12.94	34.74	400	256	P	H
	*	5710	85.65	-	-	72.25	35.2	12.94	34.74	400	256	A	H
		5909.75	50.44	-17.76	68.2	37.05	35.08	13.16	34.85	400	256	P	H
		5415.91	49.04	-24.96	74	36.37	34.73	12.58	34.64	287	223	P	V
		5469.34	49.31	-18.89	68.2	36.5	34.8	12.64	34.63	287	223	P	V
		5445.16	41.17	-12.83	54	28.4	34.79	12.61	34.63	287	223	A	V
	*	5710	96.87	-	-	83.47	35.2	12.94	34.74	287	223	P	V
	*	5710	89.48	-	-	76.08	35.2	12.94	34.74	287	223	A	V
		5886.5	51.15	-17.05	68.2	37.78	35.07	13.14	34.84	287	223	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		11420	46.26	-27.74	74	45.87	38.16	19.42	57.19	-	-	P	H
		17130	48.76	-19.44	68.2	39.4	41.68	23.85	56.17	-	-	P	H
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		11420	46.11	-27.89	74	45.72	38.16	19.42	57.19	-	-	P	V
		17130	49.72	-18.48	68.2	40.36	41.68	23.85	56.17	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5435.8	48.83	-25.17	74	36.09	34.77	12.6	34.63	400	255	P	H
		5468.56	48.1	-20.1	68.2	35.29	34.8	12.64	34.63	400	255	P	H
		5442.82	41.49	-12.51	54	28.72	34.79	12.61	34.63	400	255	A	H
	*	5690	88.91	-	-	75.57	35.16	12.91	34.73	400	255	P	H
	*	5690	82.49	-	-	69.15	35.16	12.91	34.73	400	255	A	H
		5934.7	51.27	-16.93	68.2	37.92	35.03	13.18	34.86	400	255	P	H
		5381.59	50.38	-23.62	74	37.73	34.74	12.55	34.64	287	220	P	V
		5468.56	48.74	-19.46	68.2	35.93	34.8	12.64	34.63	287	220	P	V
		5459.98	41.74	-12.26	54	28.94	34.8	12.63	34.63	287	220	A	V
	*	5690	93.84	-	-	80.5	35.16	12.91	34.73	287	220	P	V
	*	5690	86.65	-	-	73.31	35.16	12.91	34.73	287	220	A	V
		5944	51.34	-16.86	68.2	38.01	35.01	13.19	34.87	287	220	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		11380	44.96	-29.04	74	44.67	38.2	19.39	57.3	-	-	P	H
		17070	49.06	-19.14	68.2	39.61	41.92	23.8	56.27	-	-	P	H
													H
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		11380	45.13	-28.87	74	44.84	38.2	19.39	57.3	-	-	P	V
		17070	48.92	-19.28	68.2	39.47	41.92	23.8	56.27	-	-	P	V
													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full LF		30.27	23.68	-16.32	40	28.12	24.39	1.11	29.94	-	-	P	H
		163.38	35.37	-8.13	43.5	46.52	16.09	2.6	29.84	-	-	P	H
		200.1	33.91	-9.59	43.5	46	14.92	2.82	29.83	-	-	P	H
		788.6	31.52	-14.48	46	27.78	27.85	5.22	29.33	-	-	P	H
		874.7	32.8	-13.2	46	27.54	28.7	5.57	29.01	-	-	P	H
		947.5	34.59	-11.41	46	27.39	30.14	5.75	28.69	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	30.12	-9.88	40	34.44	24.51	1.11	29.94	-	-	P	V
		55.38	29.43	-10.57	40	45.45	12.36	1.54	29.92	-	-	P	V
		180.93	32.49	-11.01	43.5	44.75	14.82	2.75	29.83	-	-	P	V
		858.6	32.68	-13.32	46	27.38	28.9	5.51	29.11	-	-	P	V
		888.7	32.73	-13.27	46	27.41	28.61	5.62	28.91	-	-	P	V
		954.5	35.12	-10.88	46	27.41	30.57	5.78	28.64	-	-	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	Peak or Average
H/V	Horizontal or Vertical

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

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

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

For Peak Limit @ 5150MHz:

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

For Average Limit @ 5150MHz:

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

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



Appendix D. Radiated Spurious Emission Plots

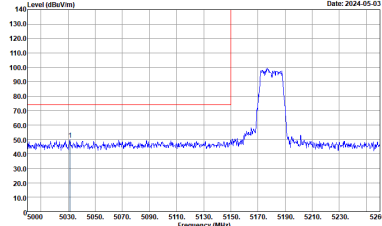
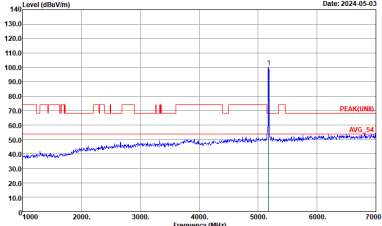
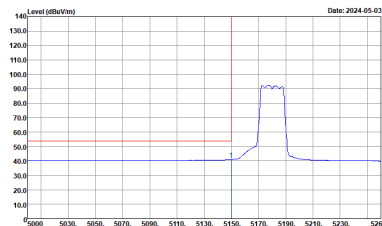
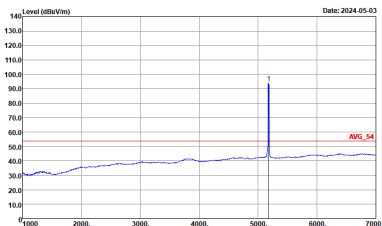
Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	22.1~26.0°C
		Relative Humidity :	48.2~69.5%

Note symbol

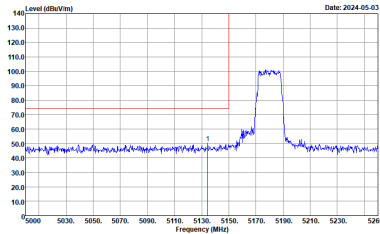
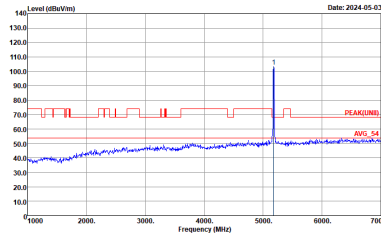
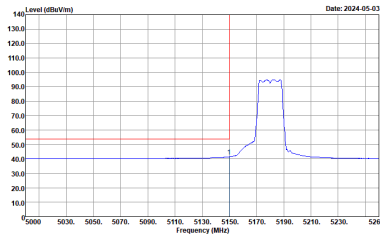
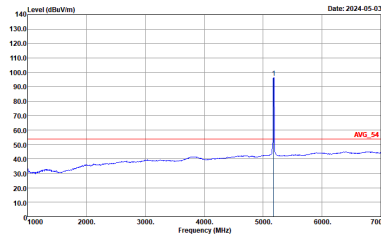
-L	Low channel location
-R	High channel location



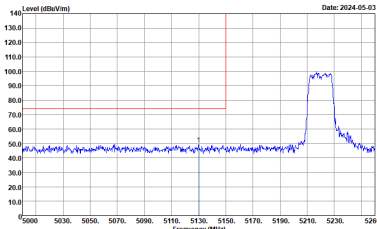
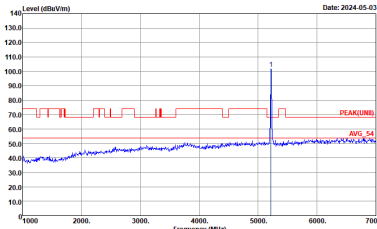
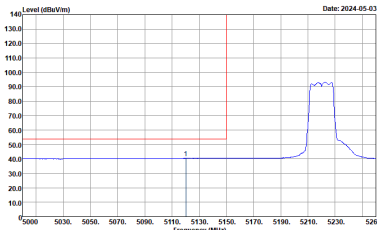
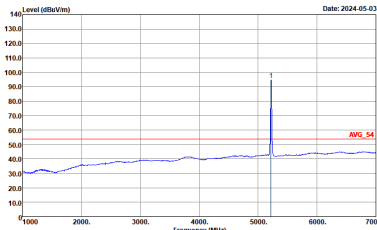
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

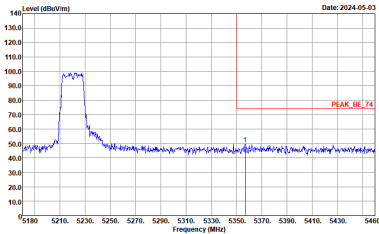
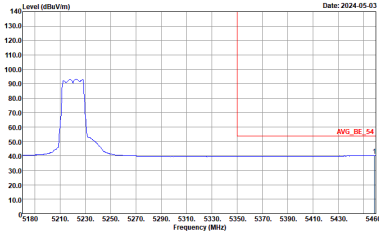


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

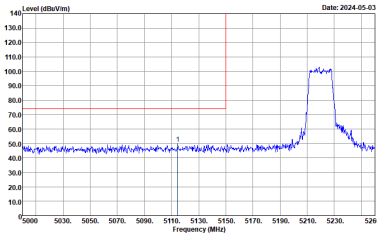
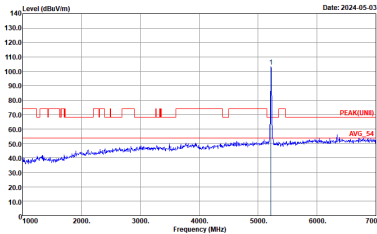
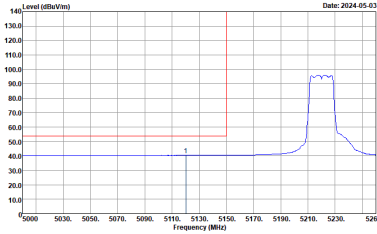
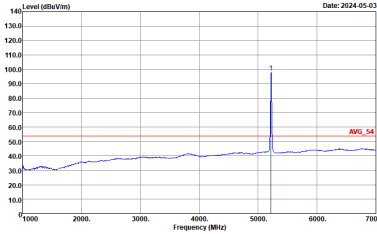


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAR_BE_74.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAR(LINE) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto

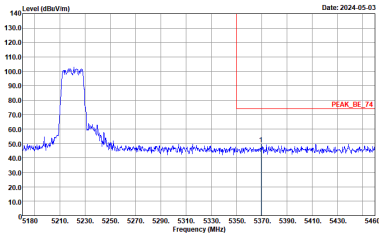
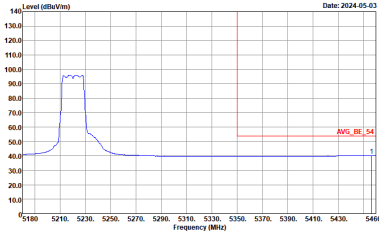


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

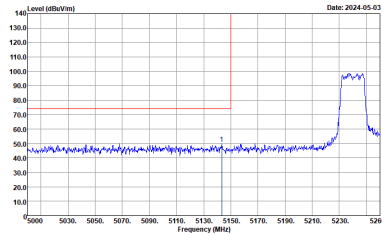
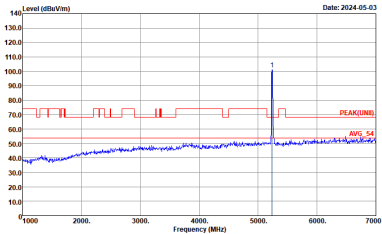
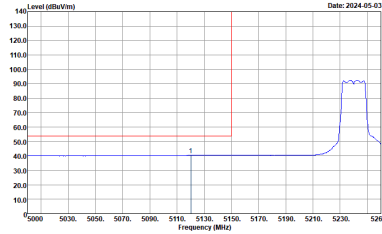
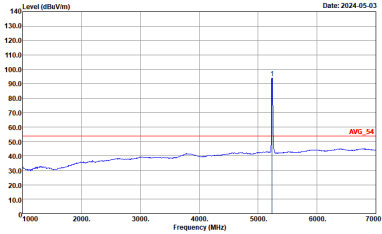


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto

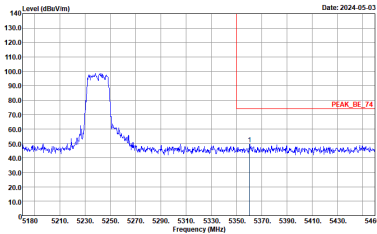
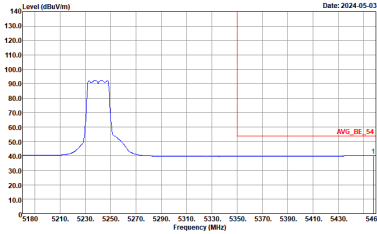


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWF:Auto	Left blank

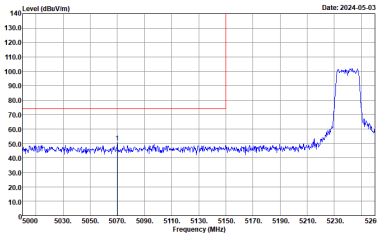
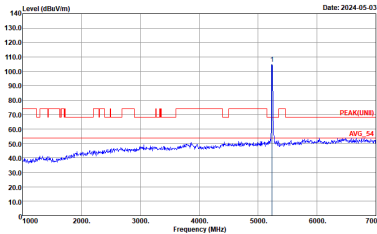
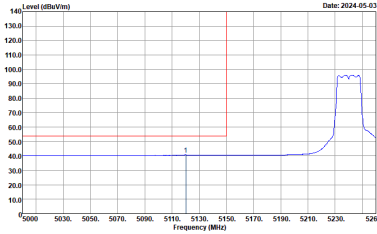
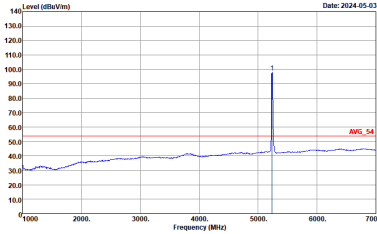


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto

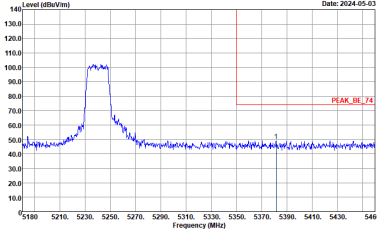
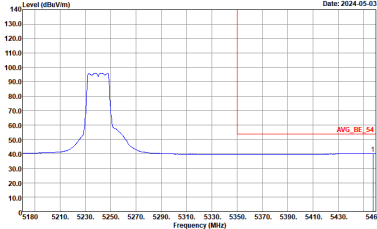


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto	Left blank



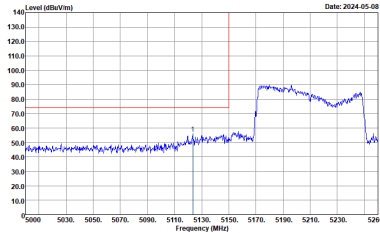
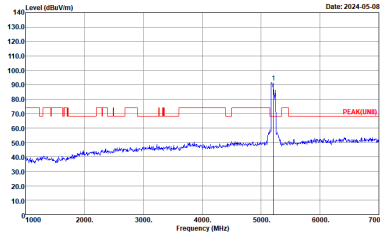
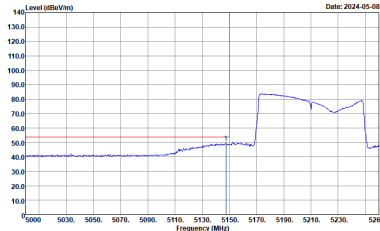
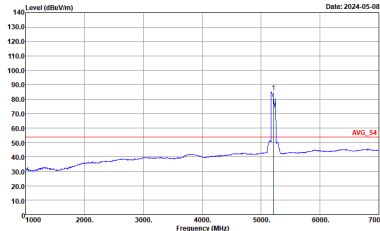
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto



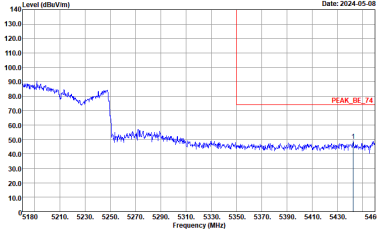
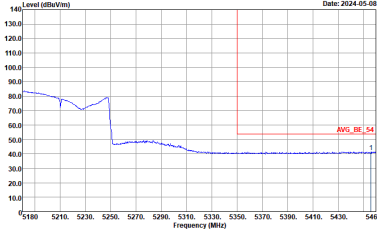
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWF:Auto	Left blank



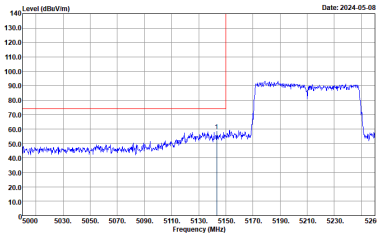
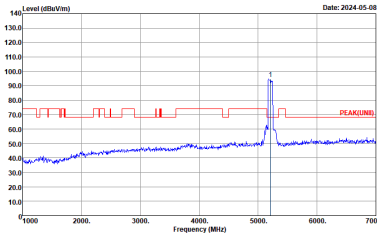
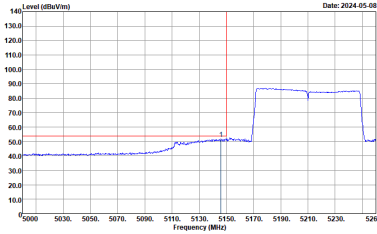
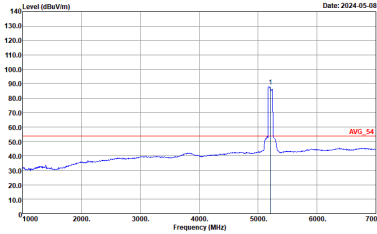
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.600KHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.600KHz SWT:Auto

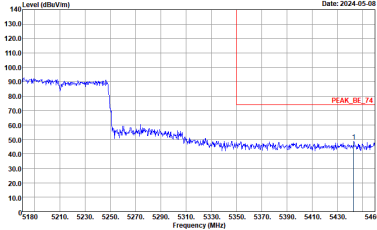
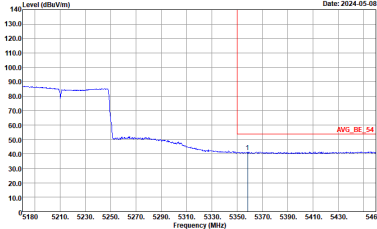


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00070962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00070962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



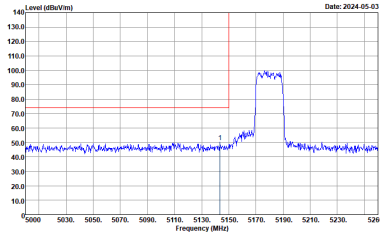
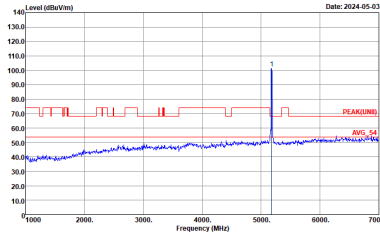
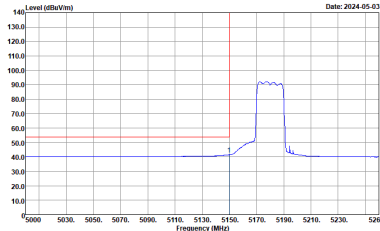
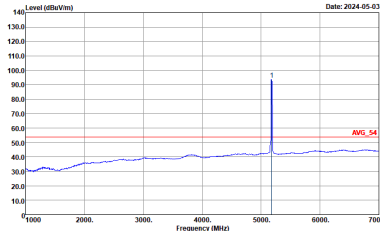
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto



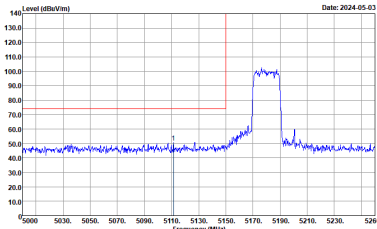
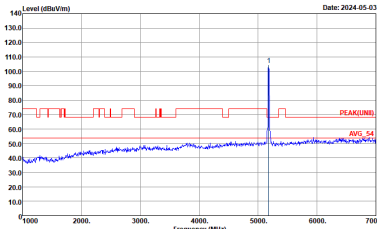
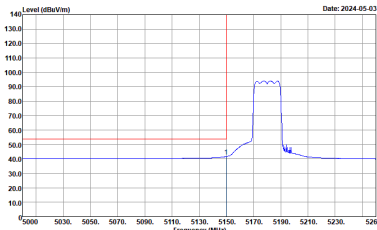
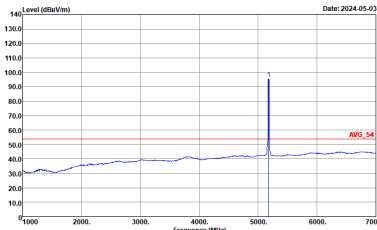
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74.3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54.3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



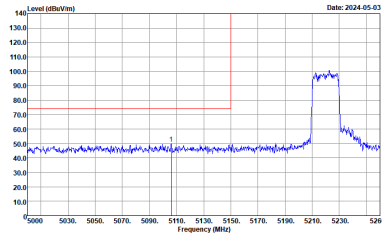
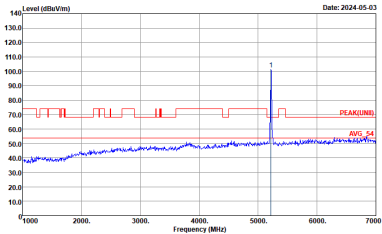
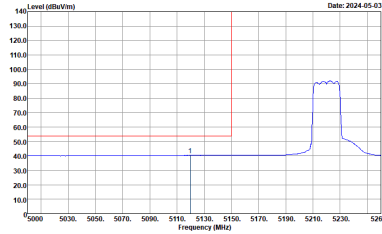
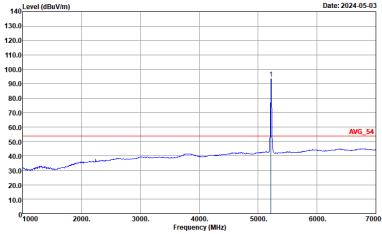
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

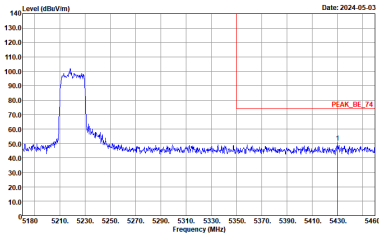
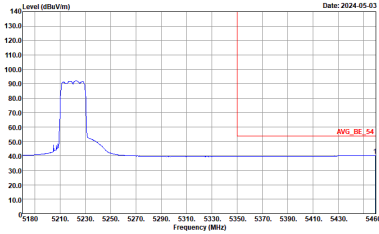


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEARL_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEARL(UN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

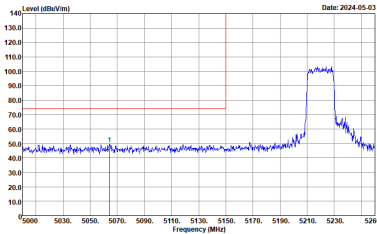
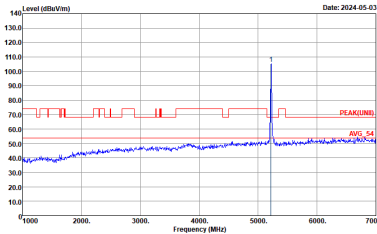
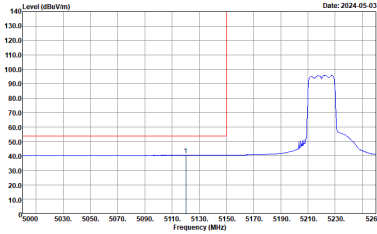
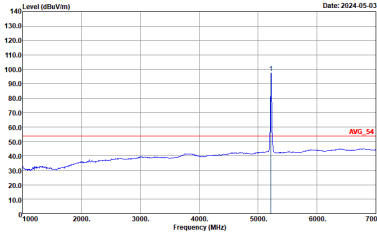


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

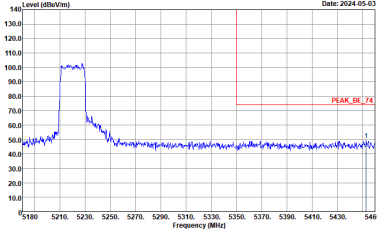
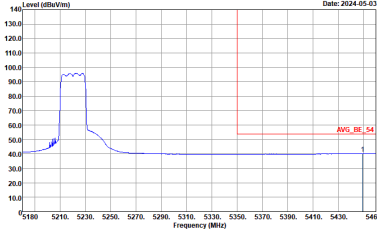


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank

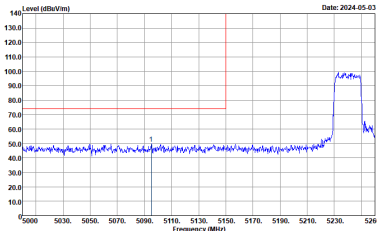
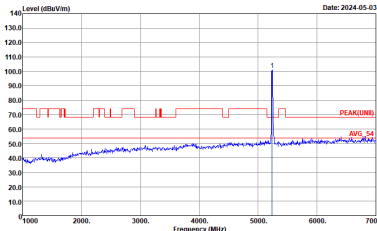
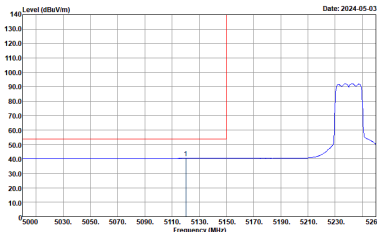
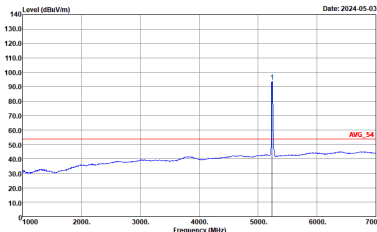


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEARL_SE_74.3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEARL_UN03 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

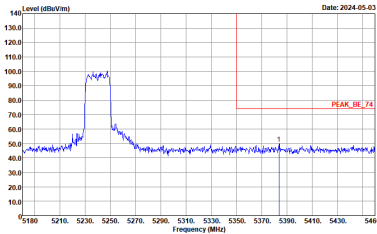
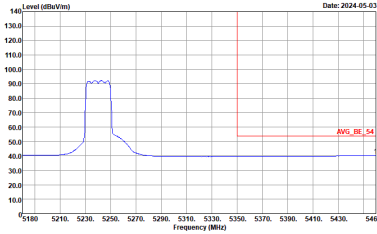


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74.3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54.3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

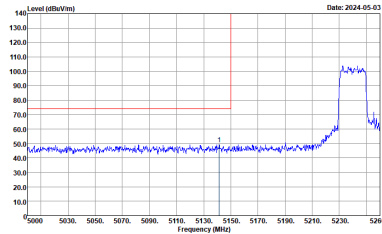
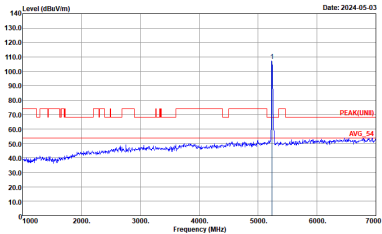
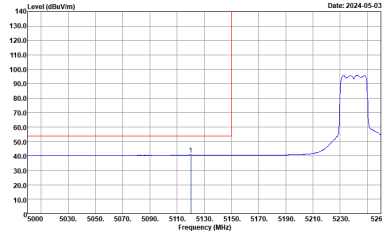
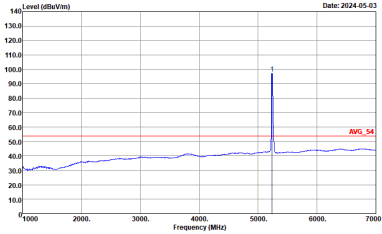


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAR_BE_74.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAR(LIN) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto

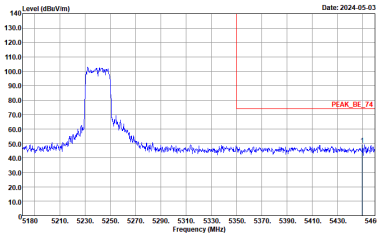
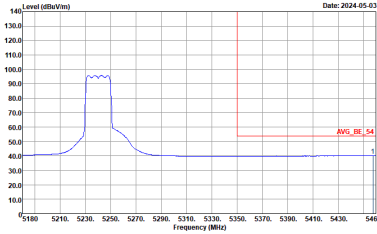


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank



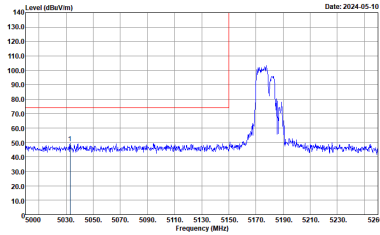
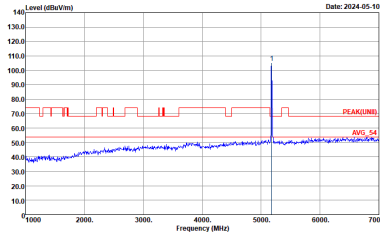
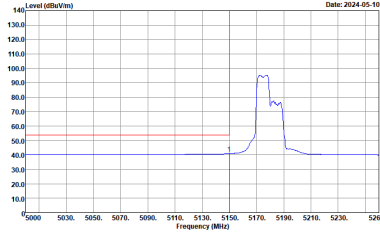
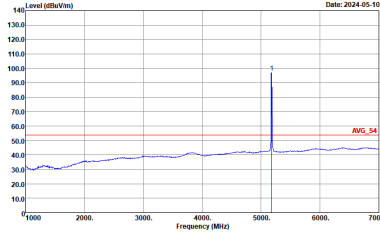
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LINE) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto



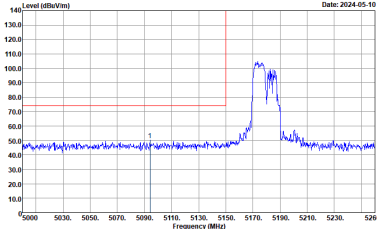
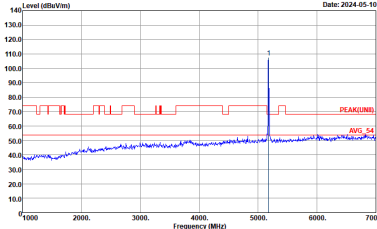
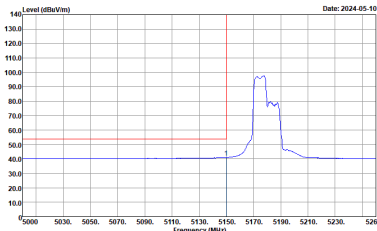
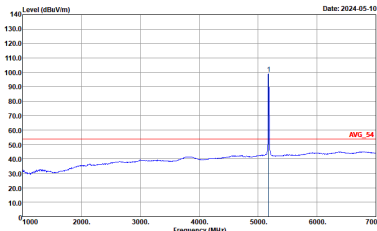
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00070962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00070962 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank



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

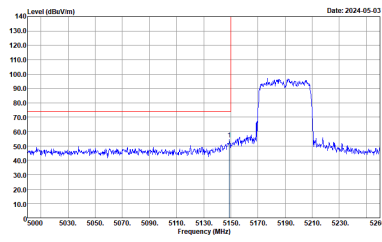
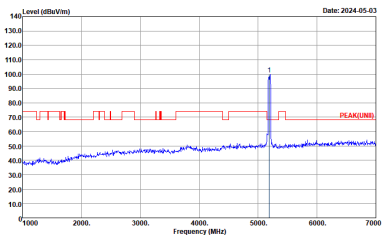
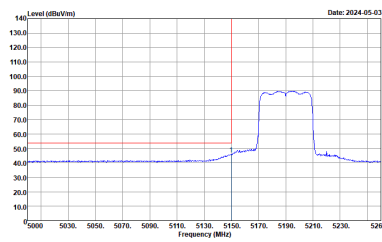
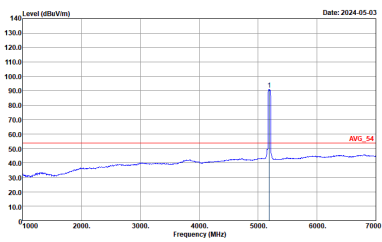
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



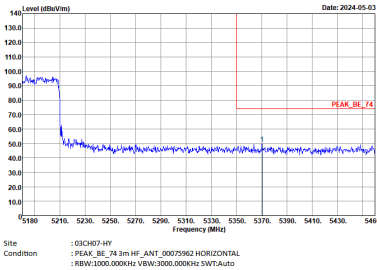
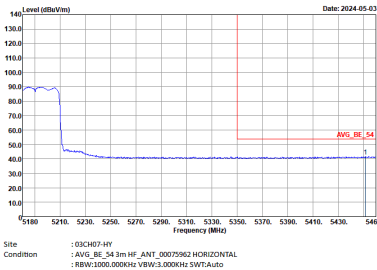
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto



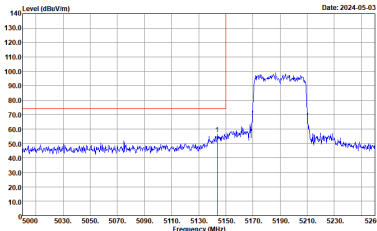
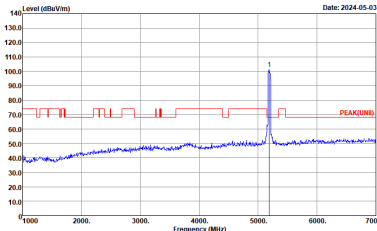
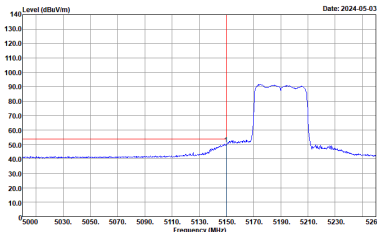
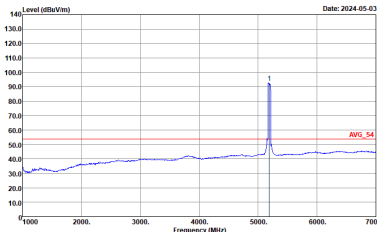
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWTAuto	 Site : 03CH07-HY Condition : AVG_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWTAuto

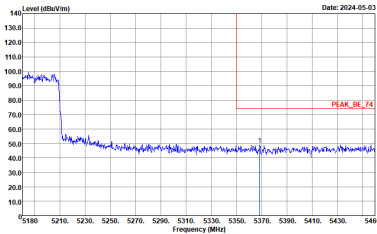
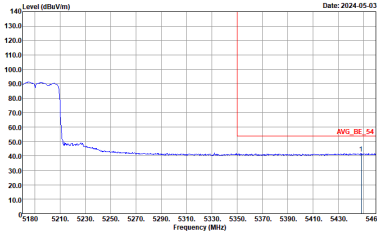


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

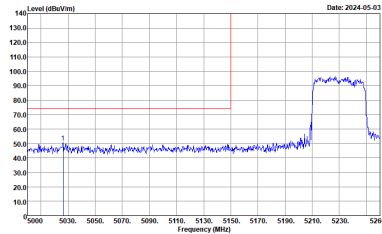
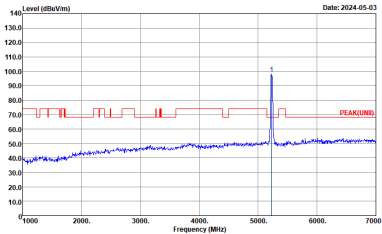
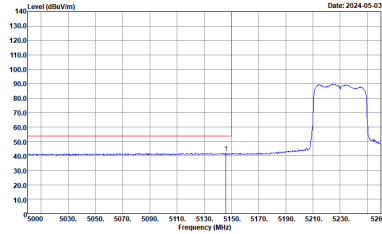
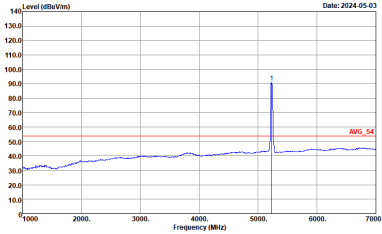


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto

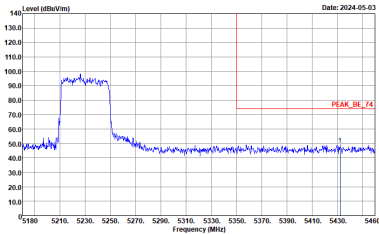
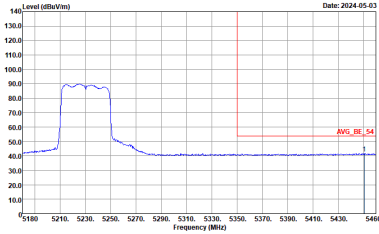


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank

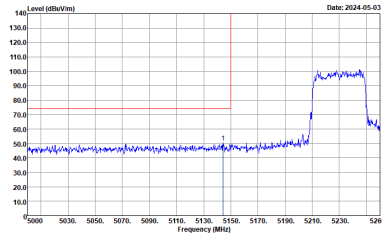
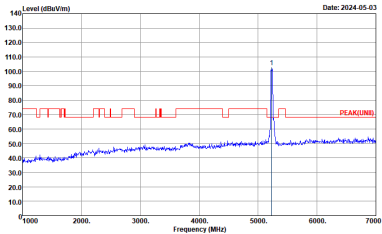
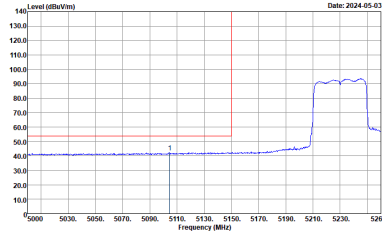
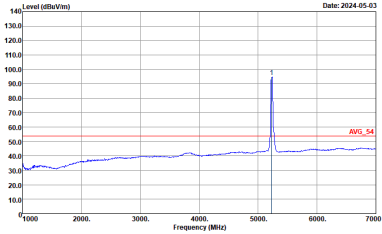


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LINE) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54.3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto

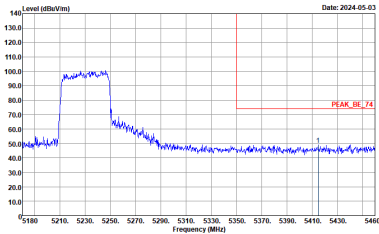
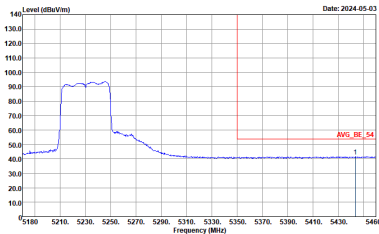


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



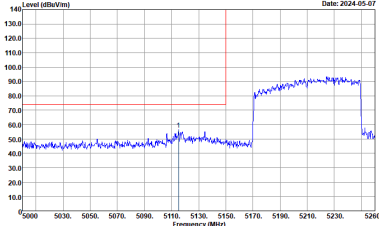
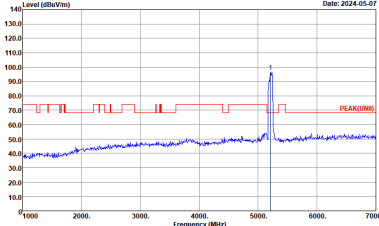
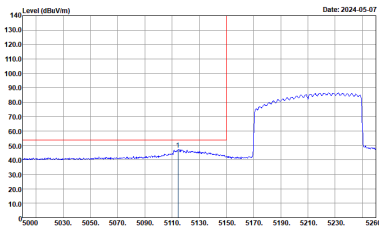
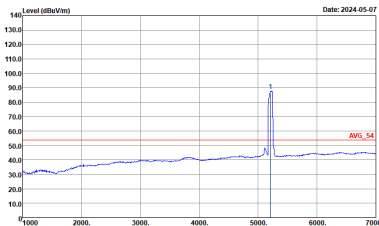
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto



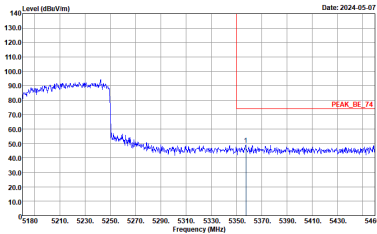
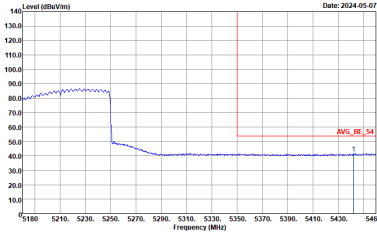
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



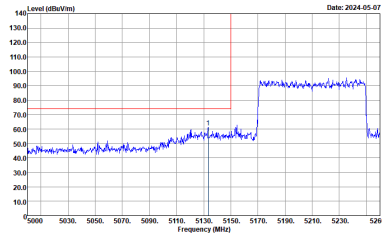
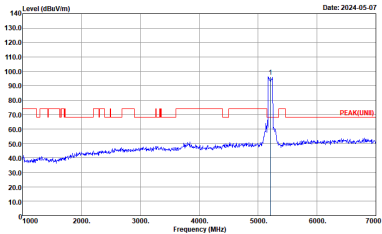
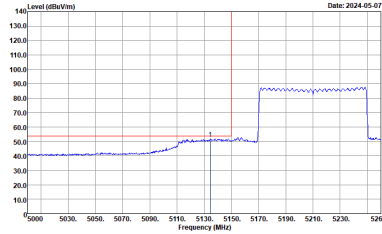
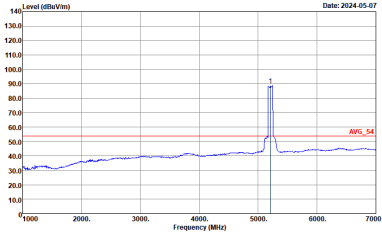
Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWTAuto	 Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWTAuto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.600KHz SWTAuto	 Site : 03CH07-HY Condition : AVG_24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.600KHz SWTAuto

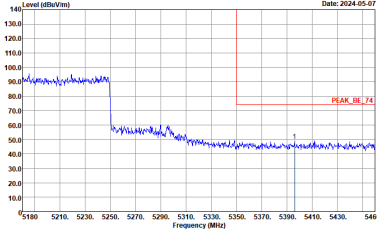
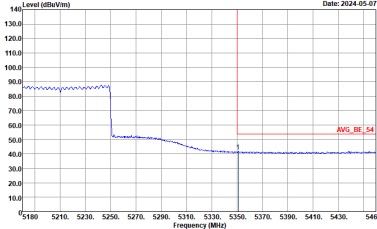


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_SE_74.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_SE_54.3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_FUND 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto



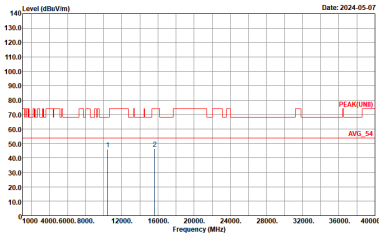
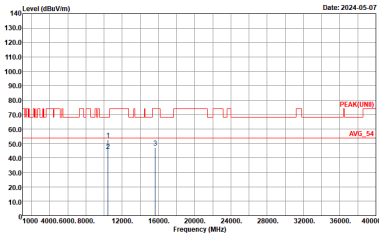
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_RE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_RE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto	Left blank



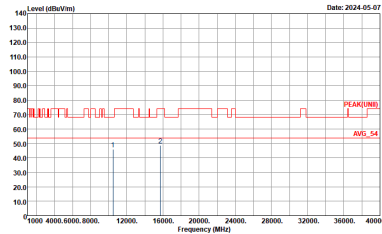
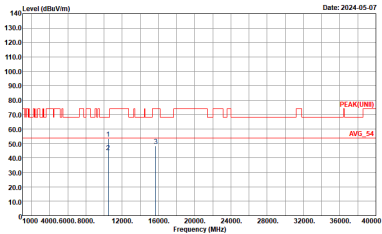
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK(UNB) 3m HF_ANT_00075962 HORIZONTAL :	Site : 03CH07-HY Condition : PEAK(UNB) 3m HF_ANT_00075962 VERTICAL :



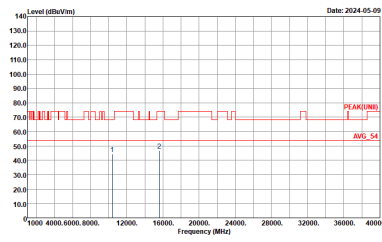
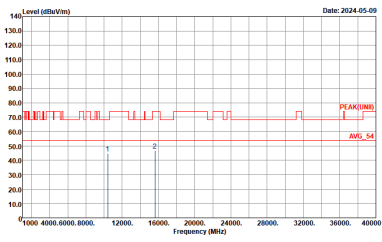
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 HORIZONTAL :	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 VERTICAL :



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 HORIZONTAL :	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 VERTICAL :

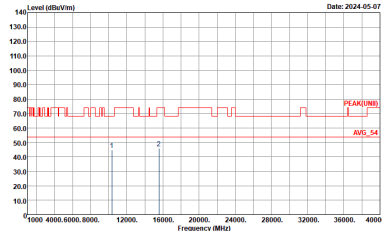
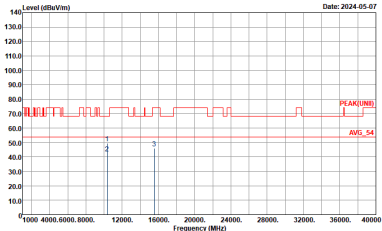


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

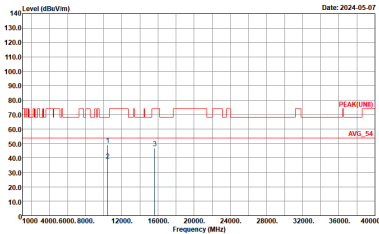
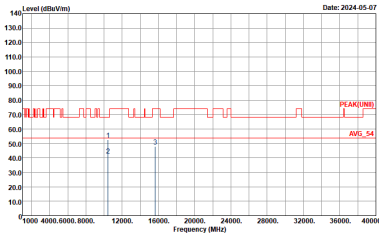
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL ..	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL ..



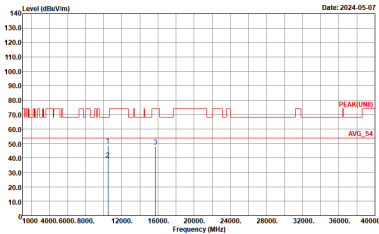
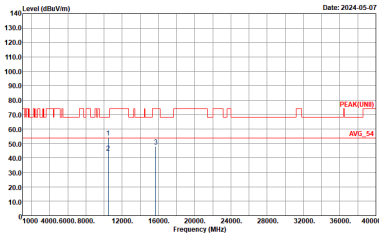
Band 1 - 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL ..	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL ..



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 HORIZONTAL :	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 VERTICAL :



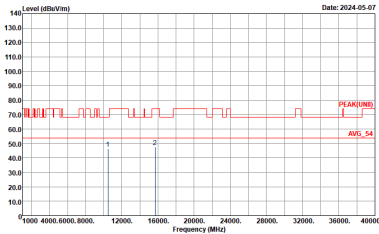
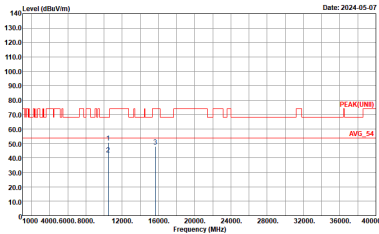
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 HORIZONTAL :	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 VERTICAL :



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

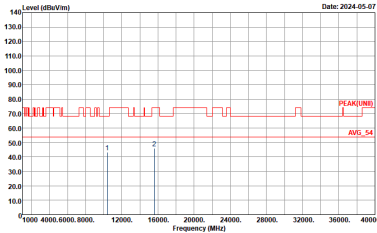
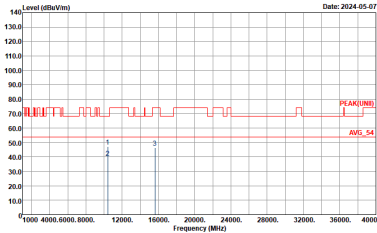
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL ..	Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL ..



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 HORIZONTAL :	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075942 VERTICAL :

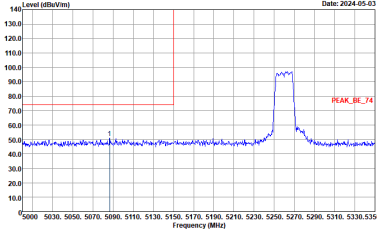
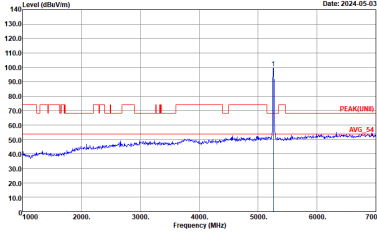
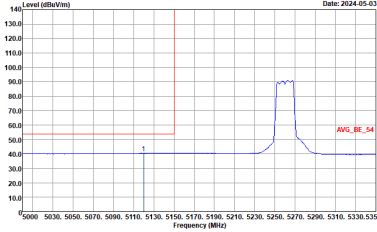
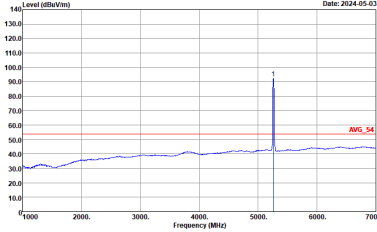


Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

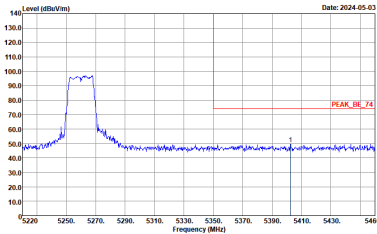
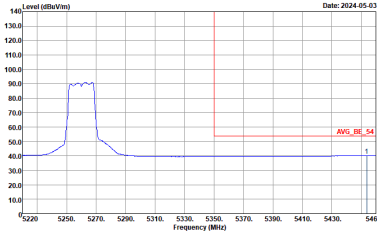
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL ..	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL ..



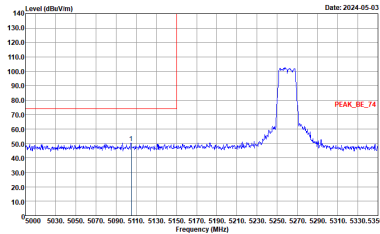
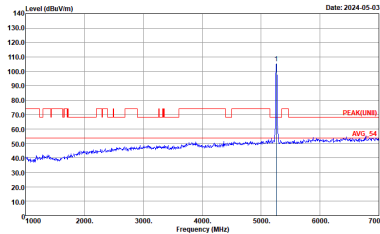
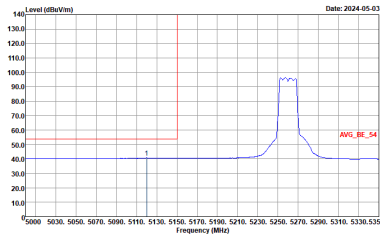
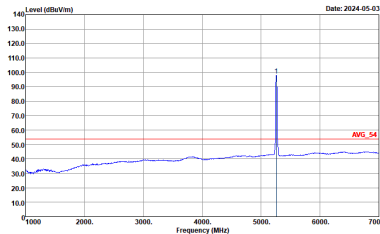
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_LNB_1 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

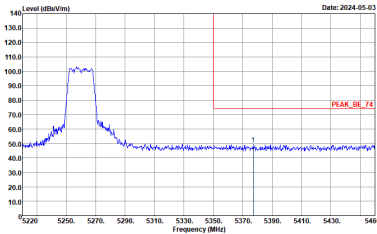
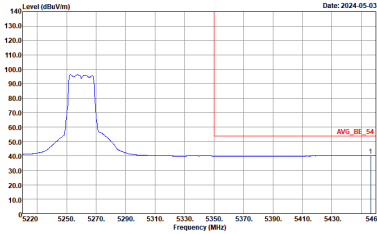


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto	Left blank

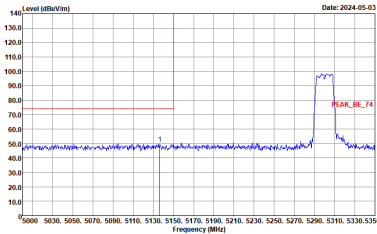
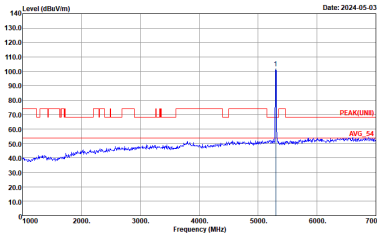
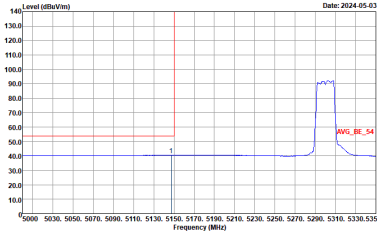
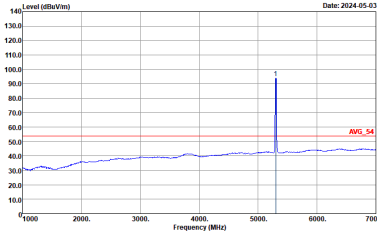


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

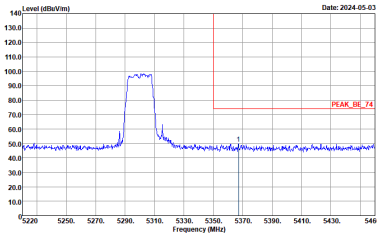
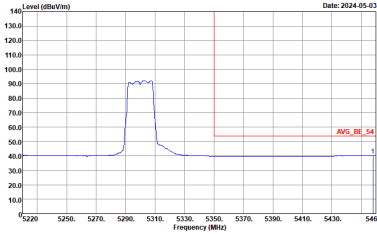


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWF:Auto	Left blank

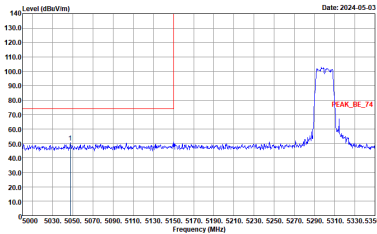
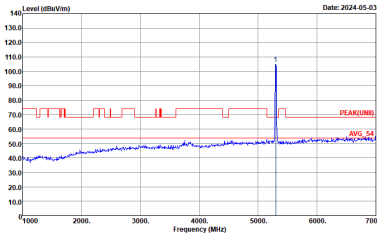
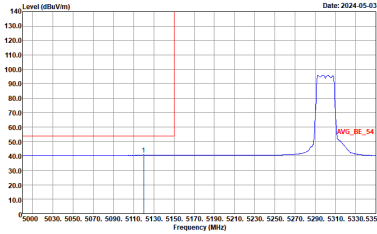
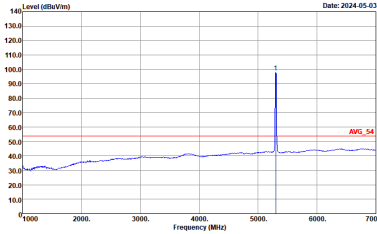


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

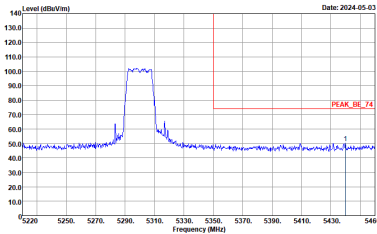
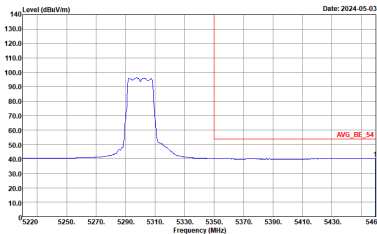


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL RBW:1000.000kHz VBW:30.000kHz SWT:Auto	Left blank

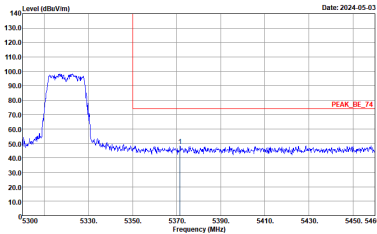
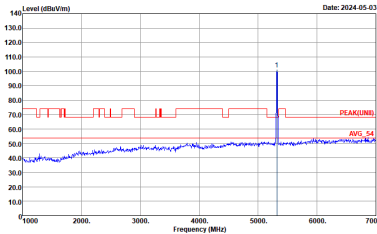
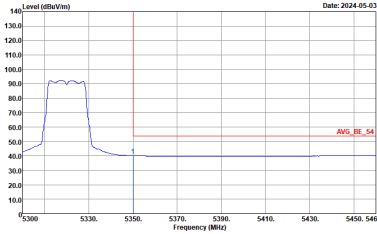
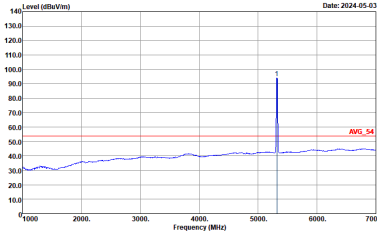


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank

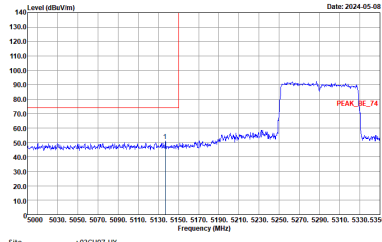
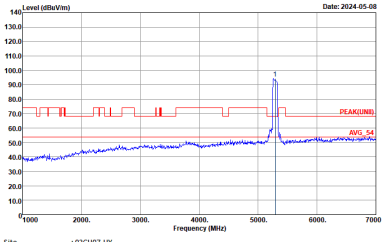
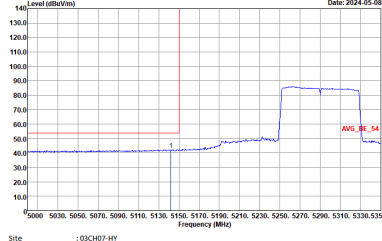
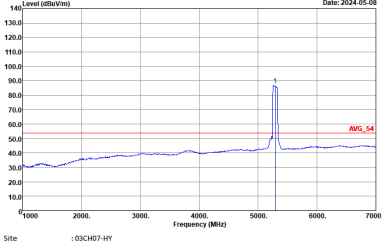


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto

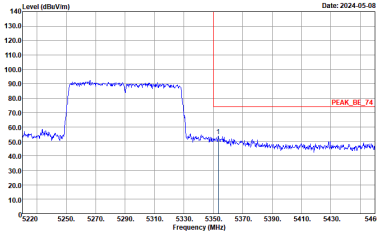
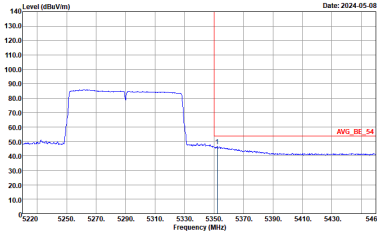


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto

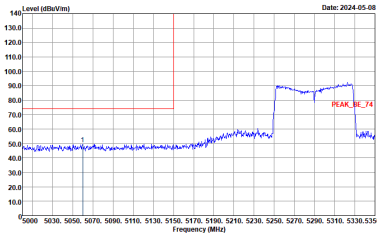
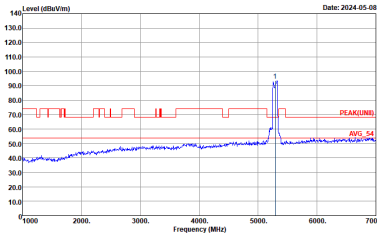
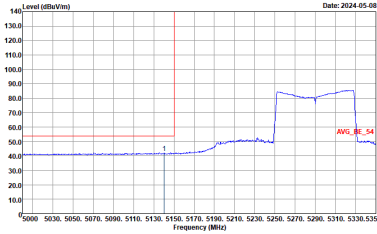
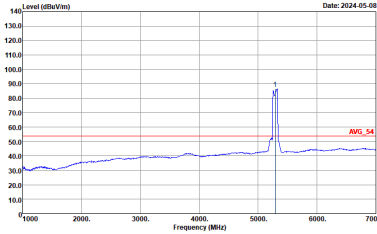
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.600KHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.600KHz SWT:Auto

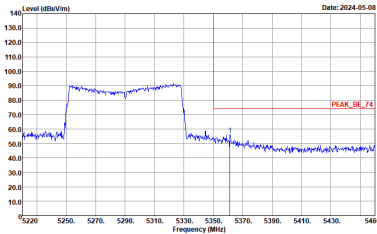
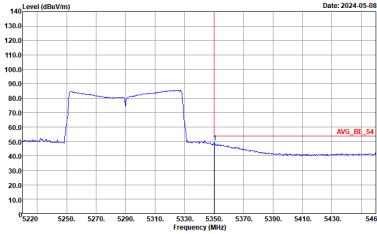


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74.3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54.3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank



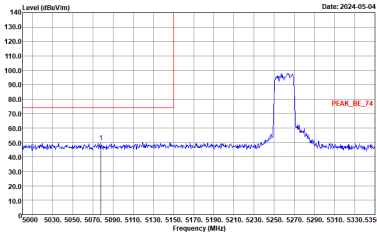
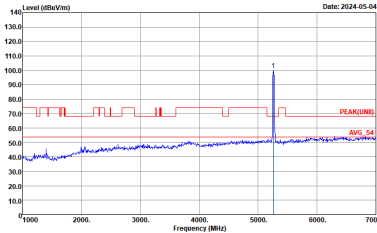
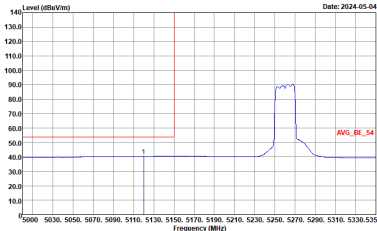
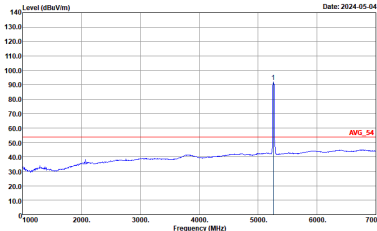
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto



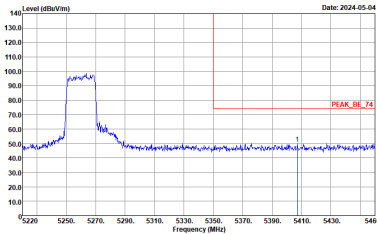
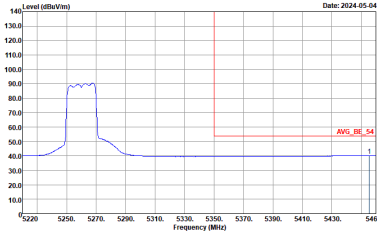
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto	Left blank



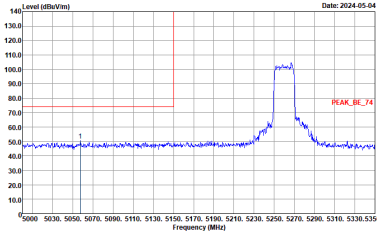
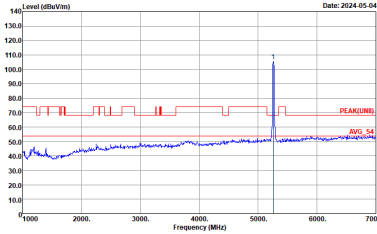
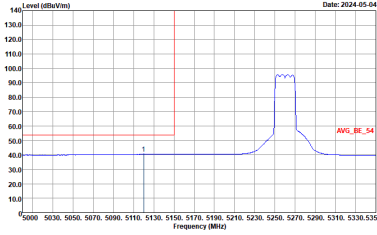
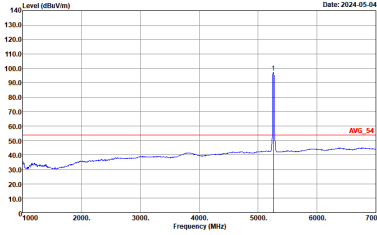
Band 2 - 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

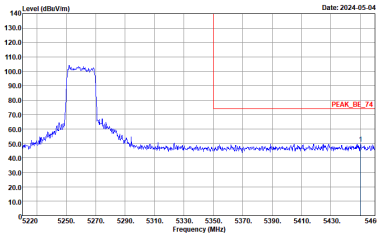
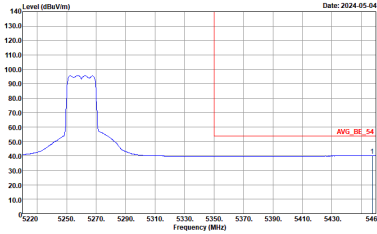


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

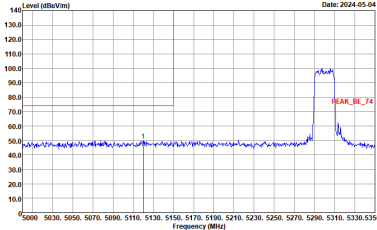
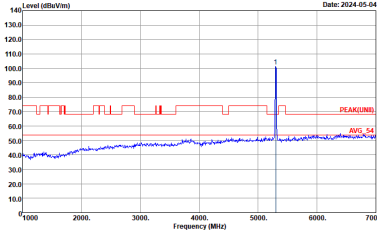
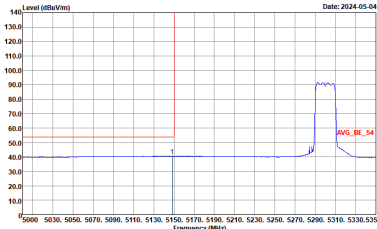
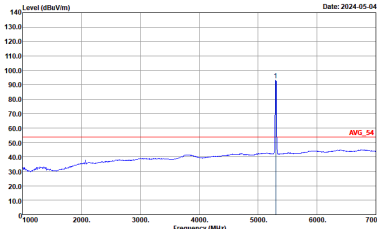


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

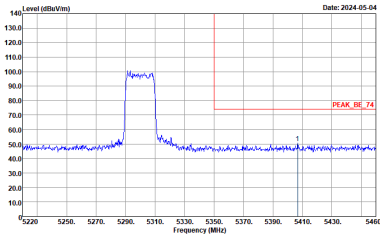
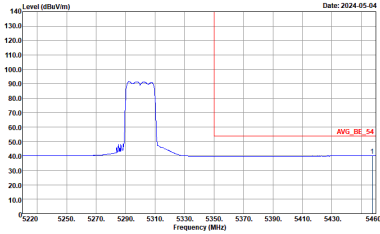


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto

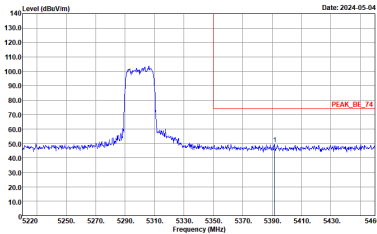
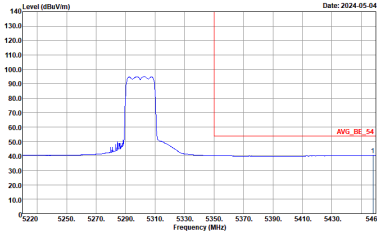


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PSKAX_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:30.000kHz SWT:Auto	Left blank

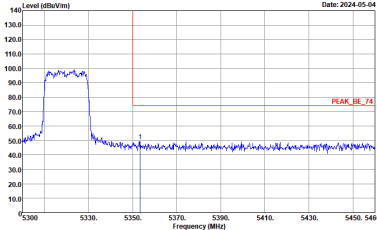
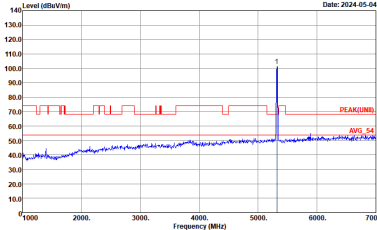
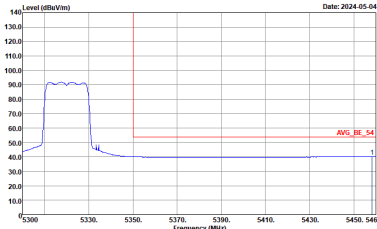
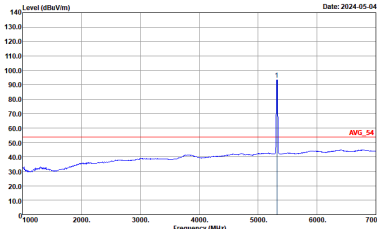


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto PEAK_BE_74	Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto PEAK(LIN)
Avg.	Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto AVG_BE_54	Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto AVG_54

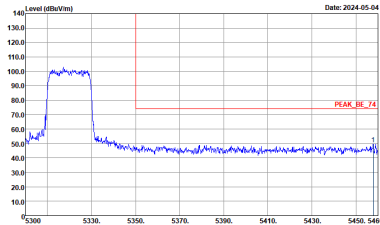
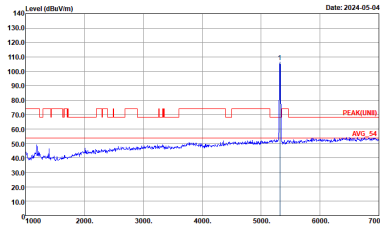
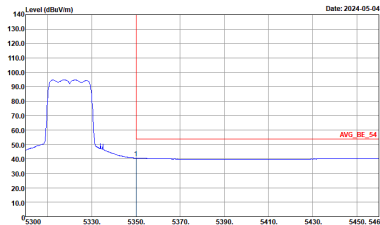
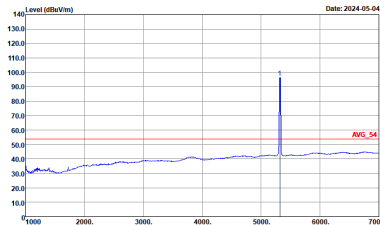


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL : RBW:1000.000kHz VBW:30.000kHz SWF:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_LNB 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto



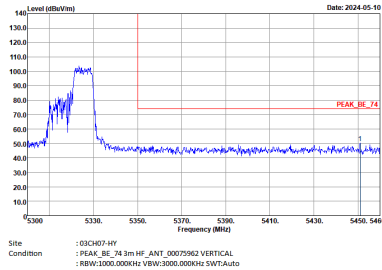
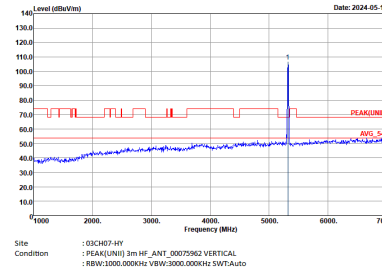
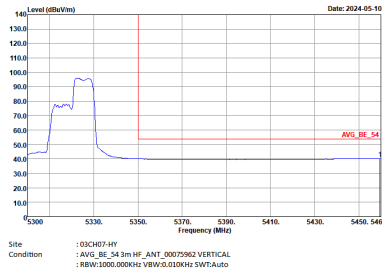
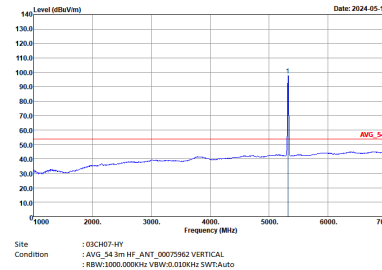
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.000kHz SWT:Auto



Band 2 - 5250~5350MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



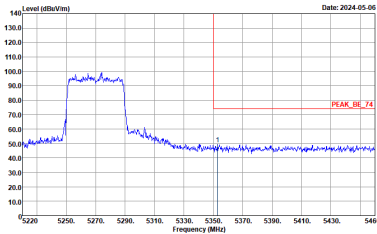
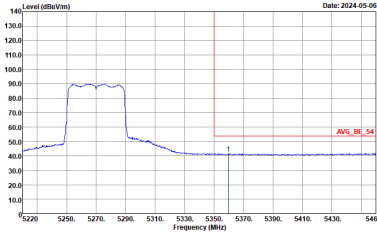
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site Condition : 03CH07-HY : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site Condition : 03CH07-HY : PEAK_LNB 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site Condition : 03CH07-HY : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto	 Site Condition : 03CH07-HY : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:5.010kHz SWT:Auto



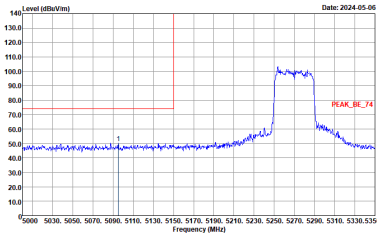
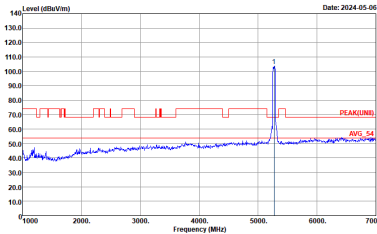
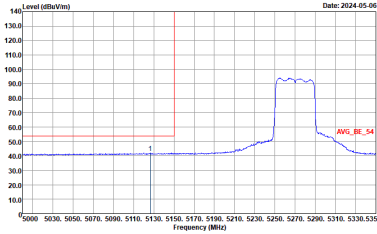
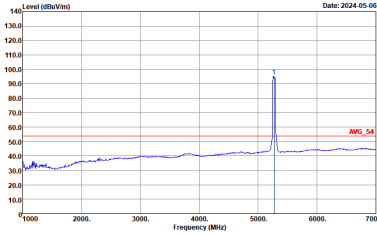
Band 2 5250~5350MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto	Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWTAuto
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWTAuto

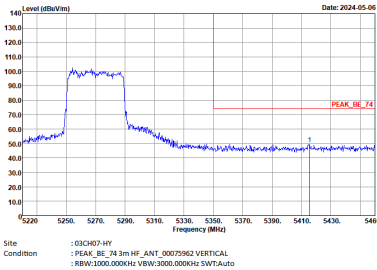
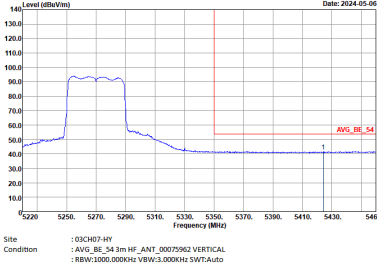


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Left blank

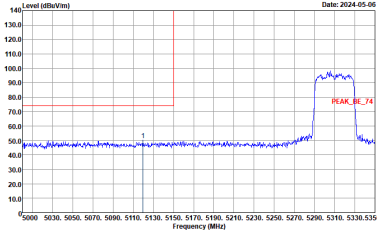
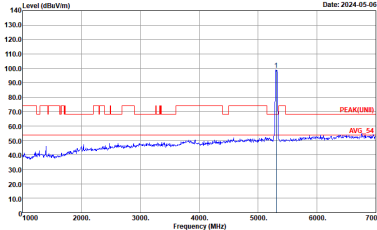
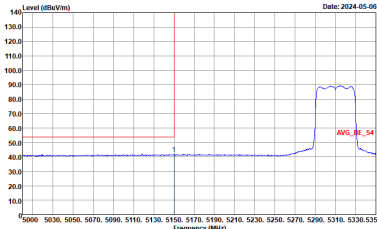
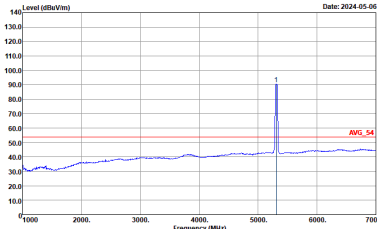


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto

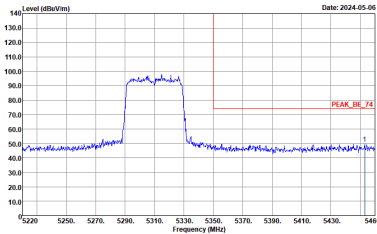
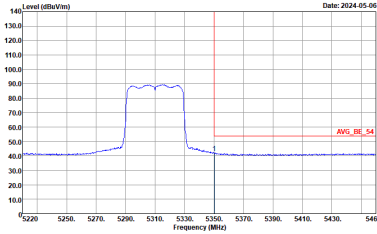


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH07-HY Condition : PEAK_LNB 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWF:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH07-HY Condition : PEAK(LNB) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	Site : 03CH07-HY Condition : AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto