FCC RADIO TEST REPORT

FCC ID	:	**UZ7MC3401**
Equipment	:	**Mobile Computer**
Brand Name	:	**ZEBRA**
Model Name	:	**MC3401**
Applicant	:	**Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742**
Manufacturer	:	**Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 30, 2024 and testing was performed from May 07, 2024 to Jun. 20, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FR443061E	01	Initial issue of report	Jul. 01, 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	1.12 dB under the limit at 5350.08 MHz
3.5	15.207	AC Conducted Emission	Pass	16.05 dB under the limit at 0.18 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Wilda Wei

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Computer
Brand Name	ZEBRA
Model Name	MC3401
FCC ID	UZ7MC3401
Sample 1	SKU 13 (Brick+SE5800+38 Keypad)
Sample 2	SKU 9 (Gun+SE5500+47 Keypad)
Sample 3	SKU 8 (Brick+SE4770+38 Keypad)
EUT supports Radios application	NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE
HW Version	EV
MFD	23MAR24
EUT Stage	Identical Prototype

Remark: The EUT's information above is declared by manufacturer.

SKU List									
Configuration	**SKU 5**	**SKU 6**	**SKU 7**	**SKU 8**	**SKU 9**	**SKU 10**	**SKU 11**	**SKU 12**	**SKU 13**
WW/WL	WLAN	WLAN	WLAN	WLAN	WLAN	WLAN	WLAN	WLAN	WLAN
Form Factor	FA	FA	FA	FA	FA	FA	FA	FA	FA
SKU	Prem	Prem	Prem	Prem	Prem+	Prem+	Prem+	Prem+	Prem+
Brick / Gun	Gun	Gun	Gun	Brick	Gun	Gun	Gun	Brick	Brick
DDR size	6GB	6GB	6GB	6GB	6GB	6GB	6GB	6GB	6GB
UFS size	64GB	64GB	64GB	64GB	128GB	128GB	128GB	128GB	128GB
Scan engine	SE4770	SE5500	SE5800	SE4770	SE5500	SE5800	SE5800	SE5800	SE5800
FF Camera	None	None	None	None	5MP (PN)	5MP (PN)	5MP (PN)	5MP (PN)	5MP (PN)
RF Camera					13MP (PN)	13MP (PN)	13MP (PN)	13MP (PN)	13MP (PN)
Keypad	38	38	47	38	47	47	47	38	38
Battery	7000mAh	7000mAh	7000mAh	7000mAh	7000mAh	7000mAh + BLE	7000mAh	7000mAh	7000mAh
Region (ROW or NA)	RW	RW	NA	RW	RW	NA	RW	NA	RW

Specification of Accessories				
Adapter USB Wall Charger	**Brand Name**	Zebra	**Model Number**	PWR-WUA5V12W0US
Battery 1 Standard Battery (7000mAh)	**Brand Name**	Zebra	**Model Number**	BT-000375
			Manufacturer	TWS
Battery 2 Standard Battery (7000mAh)	**Brand Name**	Zebra	**Model Number**	BT-000375
			Manufacturer	Inventus
Battery 3 BLE Battery (7000mAh)	**Brand Name**	Zebra	**Model Number**	BT-000444
Type C USB Cable	**Brand Name**	Zebra	**Model Number**	CBL-TC5X-USBC2A-01
USB Cable Cup	**Brand Name**	Zebra	**Model Number**	CBL-MC33-USBCHG-01
Soft Holster for Gun Type	**Brand Name**	Zebra	**Model Number**	SG-MC3021212-01R
Soft Holster for Brick Type	**Brand Name**	Zebra	**Model Number**	SG-MC3X-SHLSTB-01
USB-C PTT Headset	**Brand Name**	Zebra	**Model Number**	HDST-USBC-PTT1-01
USB-C to 3.5mm adapter	**Brand Name**	Zebra	**Model Number**	ADP-USBC-35MM1-01
3.5mm To Quick Disconnect (QD) Adapter Cable	**Brand Name**	Zebra	**Model Number**	ADP-35M-QDCBL1-01
3.5mm PTT Headset	**Brand Name**	Zebra	**Model Number**	HDST-35MM-PTT1-01
3.5mm PTT HS2100 Headset	**Brand Name**	Zebra	**Model Number**	HS2100
Quick Disconnect (QD) Cable	**Brand Name**	Zebra	**Model Number**	CBL-HS2100-QDC1-01

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 6+7>** 802.11a: 22.71 dBm / 0.1866 W 802.11n HT20: 22.37 dBm / 0.1726 W 802.11n HT40: 21.61 dBm / 0.1449 W 802.11ac VHT20: 22.47 dBm / 0.1766 W 802.11ac VHT40: 21.71 dBm / 0.1483 W 802.11ac VHT80: 18.21 dBm / 0.0662 W 802.11ac VHT160: 16.31 dBm / 0.0428 W 802.11ax HE20: 22.86 dBm / 0.1932 W 802.11ax HE40: 21.76 dBm / 0.1500 W 802.11ax HE80: 18.31 dBm / 0.0678 W 802.11ax HE160: 16.41 dBm / 0.0438 W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 6+7>** 802.11a: 22.51 dBm / 0.1782 W 802.11n HT20: 22.26 dBm / 0.1683 W 802.11n HT40: 21.51 dBm / 0.1416 W 802.11ac VHT20: 22.36 dBm / 0.1722 W 802.11ac VHT40: 21.61 dBm / 0.1449 W 802.11ac VHT80: 17.51 dBm / 0.0564 W 802.11ax HE20: 22.41 dBm / 0.1742 W 802.11ax HE40: 21.71 dBm / 0.1483 W 802.11ax HE80: 17.61 dBm / 0.0577 W 802.11ax HE160: 13.91 dBm / 0.0246 W **<5500 MHz ~ 5720 MHz>** **MIMO <Ant. 6+7>** 802.11a: 23.01 dBm / 0.2000 W 802.11n HT20: 22.76 dBm / 0.1888 W 802.11n HT40: 22.76 dBm / 0.1888 W 802.11ac VHT20: 22.86 dBm / 0.1932 W 802.11ac VHT40: 22.86 dBm / 0.1321 W 802.11ac VHT80: 21.21 dBm / 0.0372 W 802.11ac VHT160: 15.71 dBm / 0.0372 W 802.11ax HE20: 22.96 dBm / 0.1977 W 802.11ax HE40: 22.91 dBm / 0.1954 W 802.11ax HE80: 21.31 dBm / 0.1352 W 802.11ax HE160: 15.81 dBm / 0.0381 W

Product Specification is subject to this standard	
99% Occupied Bandwidth	**MIMO <Ant. 6>** 802.11a: 16.58 MHz 802.11ac VHT20: 22.68 MHz 802.11ac VHT40: 36.46 MHz 802.11ac VHT80: 77.20 MHz 802.11ac VHT160: 155.12 MHz 802.11ax HE20: 20.83 MHz 802.11ax HE40: 38.06 MHz 802.11ax HE80: 77.32 MHz 802.11ax HE160: 156.56 MHz **MIMO <Ant. 7>** 802.11a: 16.48 MHz 802.11ac VHT20: 24.33 MHz 802.11ac VHT40: 36.46 MHz 802.11ac VHT80: 77.32 MHz 802.11ac VHT160: 155.12 MHz 802.11ax HE20: 19.03 MHz 802.11ax HE40: 38.06 MHz 802.11ax HE80: 77.44 MHz 802.11ax HE160: 156.56 MHz
Antenna Type	**<5180 MHz ~ 5240 MHz>** **<Ant. 6>:** PIFA Antenna **<Ant. 7>:** PIFA Antenna **<5260 MHz ~ 5320 MHz>** **<Ant. 6>:** PIFA Antenna **<Ant. 7>:** PIFA Antenna **<5500 MHz ~ 5720 MHz>** **<Ant. 6>:** PIFA Antenna **<Ant. 7>:** PIFA Antenna
Antenna Gain	**<5180 MHz ~ 5240 MHz>** **<Ant. 6>:** 1.60 dBi **<Ant. 7>:** 1.01 dBi **<5260 MHz ~ 5320 MHz>** **<Ant. 6>:** 1.51 dBi **<Ant. 7>:** 1.60 dBi **<5500 MHz ~ 5720 MHz>** **<Ant. 6>:** 1.50 dBi **<Ant. 7>:** 1.80 dBi

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
802.11ax : OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td>
<table>
<tr><td></td><td>Ant. 6</td><td>Ant. 7</td></tr>
<tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr>
<tr><td>802.11ax TXBF</td><td>V</td><td>V</td></tr>
</table>
</td></tr>
</table>

Remark:

1. MIMO Ant. 6+7 Directional Gain is a calculated result from MIMO Ant. 6 and MIMO Ant. 7. The formula used in calculation is documented in section 1.2.1.
2. Power of MIMO Ant. 6 + Ant. 7 is a calculated result from sum of the power MIMO Ant. 6 and MIMO Ant. 7.
3. 802.11ax Support Tx Beamforming mode, and the manufacturer declares that Tx Beamforming power/EIRP is less than CDD mode 3dbm, so CDD mode cover Tx Beamforming mode.
4. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2.1 Antenna Directional Gain

<For CDD Mode>

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

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

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

where

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

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

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

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

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

	Ant 6 (dBi)	Ant 7 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.60	1.01	1.60	4.32	0.00	0.00
Band II	1.51	1.60	1.60	4.57	0.00	0.00
Band III	1.50	1.80	1.80	4.66	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT6}= 1.60dBi; G_{ANT7}=1.01dBi

Directional gain of power measurement = max(1.60, 1.01) + 0 = 1.60 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (1.60 dBi / 20) + 10^ (1.01 dBi / 20)] ^ 2 } / 2 }

= 4.32 dBi

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

<TXBF Modes>

The EUT supports beamforming modes , then

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

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

where

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

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

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

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

	Ant 6 (dBi)	Ant 7 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.60	1.01	4.32	4.32	0.00	0.00
Band II	1.51	1.60	4.57	4.57	0.00	0.00
Band III	1.50	1.80	4.66	4.66	0.00	0.00

Calculation example:

Directional gain is derived from formula which is

10 x log { { [10^ (1.60 dBi / 20) + 10^ (1.01 dBi / 20)] ^ 2 } / 2 }

= 4.32 dBi

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

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

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

FCC designation No.: TW3786

1.5 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

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

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

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

The power for 802.11n 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.

MIMO 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**
802.11ac VHT160	**MCS0**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**
802.11ax HE160	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + MPEG4 + USB Cable Cup (Charging from Adapter USB Wall Charger) + Battery 1 Standard Battery (7000mAh) for Sample 1
Remark: For Radiated Test Cases, the tests were performed with Battery 1 Standard Battery (7000mAh) and Sample 1.	

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

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

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

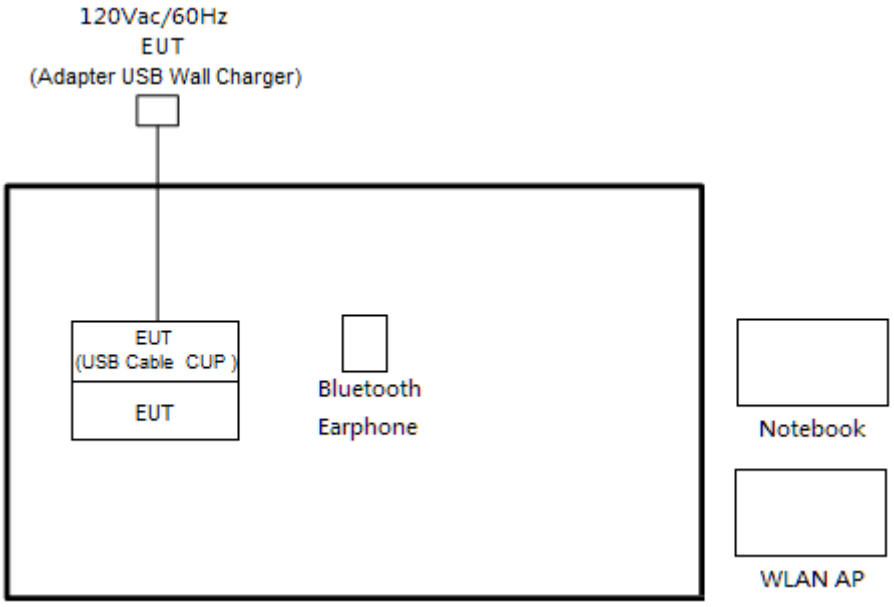
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

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

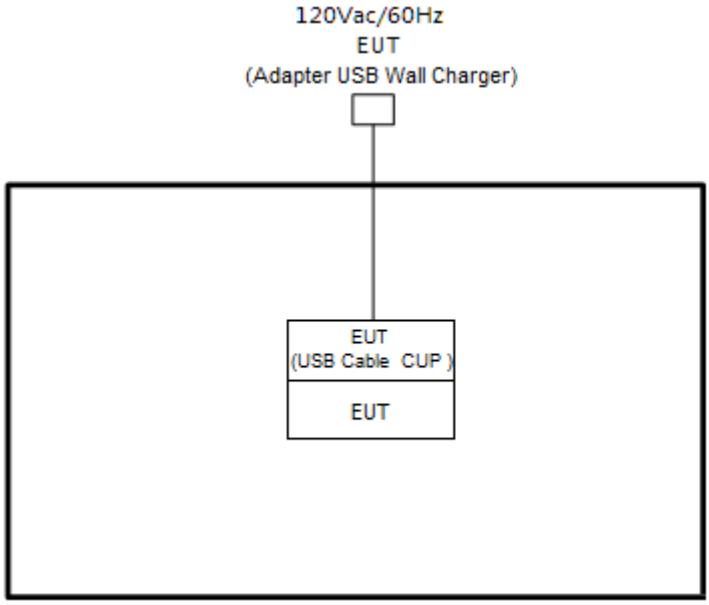
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
2.	WLAN AP	Netgear	RAXE500	PY320300508	N/A	Unshielded, 1.8 m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT Version 4.0.211.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

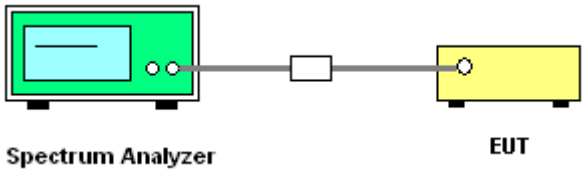
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

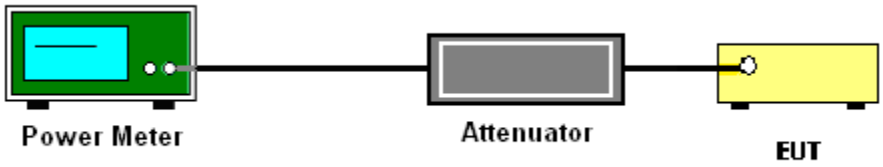
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

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

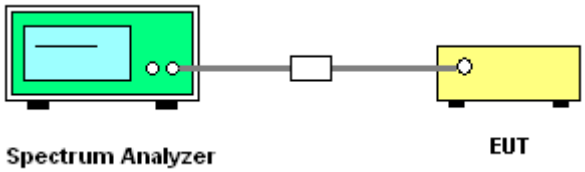
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

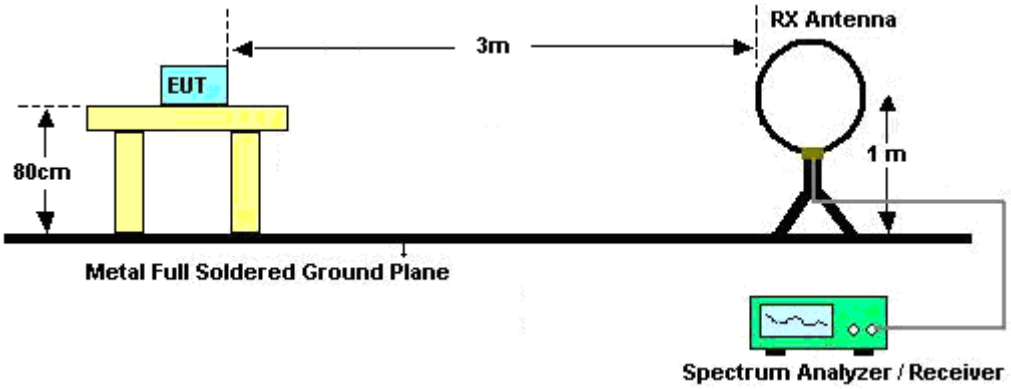
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

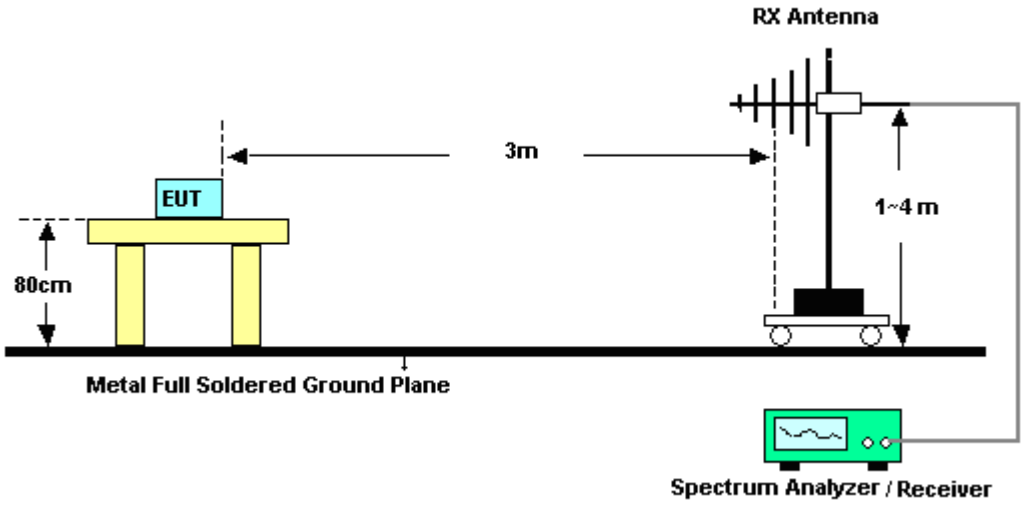
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

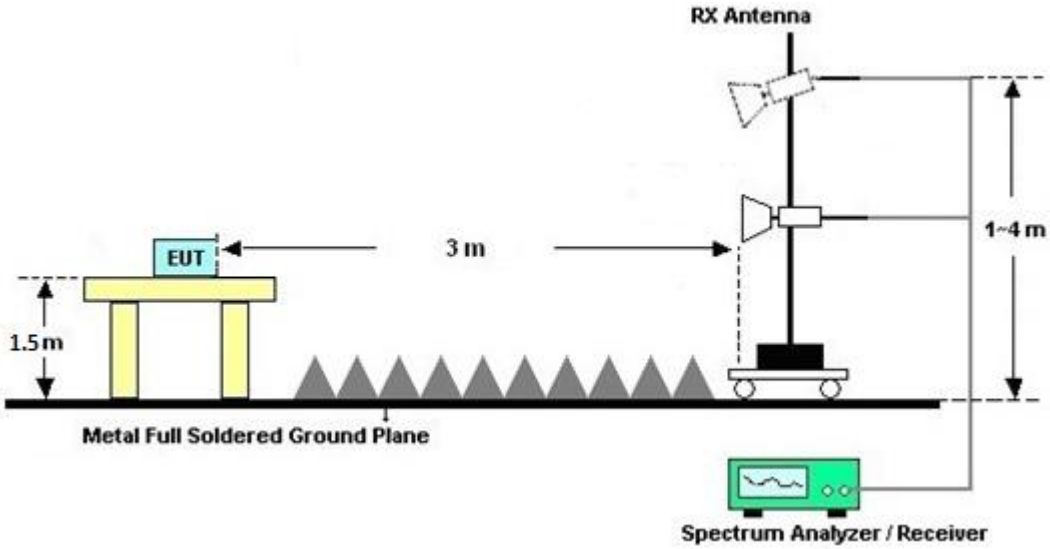
For radiated emissions below 30MHz



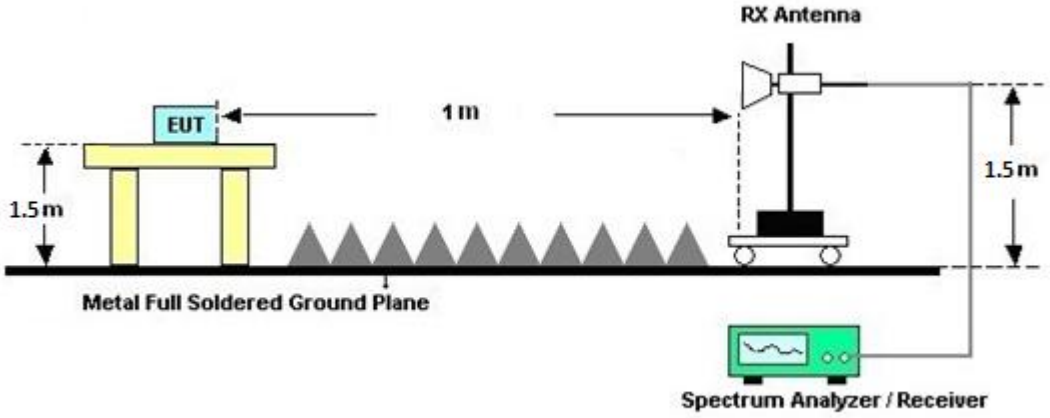
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

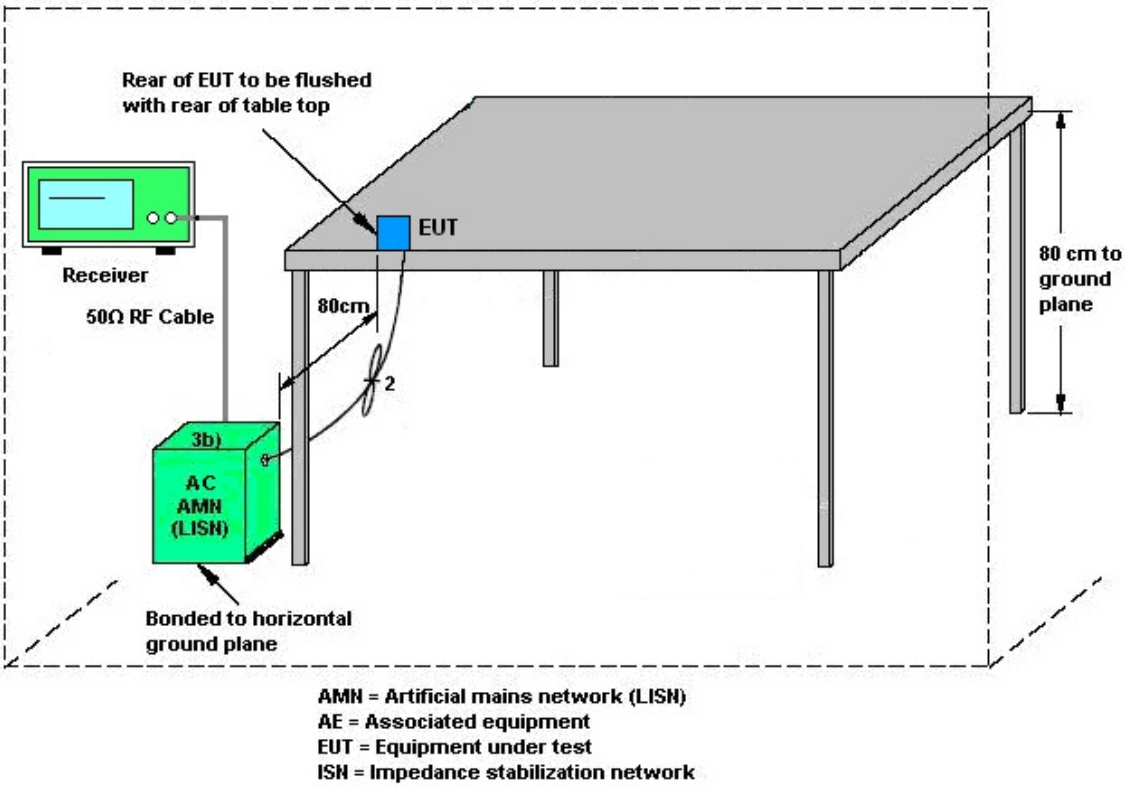
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Sep. 12, 2023	May 07, 2024~ Jun. 20, 2024	Sep. 11, 2024	Radiation (03CH22-HY)
Bilog Antenna with 6dB	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63304 & 002	30MHz~1GHz	Oct. 15, 2023	May 07, 2024~ Jun. 20, 2024	Oct. 14, 2024	Radiation (03CH22-HY)
Amplifier	SONOMA	310N	421581	N/A	Jul. 15, 2023	May 07, 2024~ Jun. 20, 2024	Jul. 14, 2024	Radiation (03CH22-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C04A18EN	1GHz~18GHz	Jul. 12, 2023	May 07, 2024~ Jun. 20, 2024	Jul. 11, 2024	Radiation (03CH22-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz-40GHz	Jul. 10, 2023	May 07, 2024~ Jun. 20, 2024	Jul. 09, 2024	Radiation (03CH22-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	May 07, 2024~ Jun. 20, 2024	Sep. 27, 2024	Radiation (03CH22-HY)
Preamplifier	EMEC	EM18G40G	060872	18-40GHz	Sep. 06, 2023	May 07, 2024~ Jun. 20, 2024	Sep. 05, 2024	Radiation (03CH22-HY)
Signal Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Aug. 31, 2023	May 07, 2024~ Jun. 20, 2024	Aug. 30, 2024	Radiation (03CH22-HY)
EMI Test Receiver	Keysight	N9038B	MY62210111	20Hz~8.4GHz	Aug. 23, 2023	May 07, 2024~ Jun. 20, 2024	Aug. 22, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP211469	N/A	Jan. 03, 2024	May 07, 2024~ Jun. 20, 2024	Jan. 02, 2025	Radiation (03CH22-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May 07, 2024~ Jun. 20, 2024	N/A	Radiation (03CH22-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 07, 2024~ Jun. 20, 2024	N/A	Radiation (03CH22-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 07, 2024~ Jun. 20, 2024	N/A	Radiation (03CH22-HY)
Software	Audix	E3 6.09824_20191 22	RK-002347	N/A	N/A	May 07, 2024~ Jun. 20, 2024	N/A	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	May 07, 2024~ Jun. 20, 2024	Mar. 05, 2025	Radiation (03CH22-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804390/2,8046 11/2,804615/2	N/A	Oct. 24, 2023	May 07, 2024~ Jun. 20, 2024	Oct. 23, 2024	Radiation (03CH22-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	May 20, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 20, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	May 20, 2024	Oct. 19, 2024	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	May 20, 2024	Mar. 13, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	May 20, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	May 20, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	May 20, 2024	Sep. 19, 2024	Conduction (CO07-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	May 09, 2024~ May 28, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 36 (NO:35)	10MHz~6GHz	Aug. 23, 2023	May 09, 2024~ May 28, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	May 09, 2024~ May 28, 2024	Sep. 11, 2024	Conducted (TH05-HY)

5 Measurement Uncertainty

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

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

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

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

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

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

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

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

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Willy Chang	Temperature:	21~25	°C
Test Date:	2024/05/09~2024/05/28	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	36	5180	16.48	16.43	19.96	19.82	-		22.16			
11a	6Mbps	2	44	5220	16.48	16.43	20.27	19.61	-		22.16			
11a	6Mbps	2	48	5240	16.53	16.43	21.02	20.21	-		22.16			
VHT20	MCS0	2	36	5180	18.18	18.23	31.75	38.10	-		22.60			
VHT20	MCS0	2	44	5220	19.63	24.33	44.44	43.42	-		22.93			
VHT20	MCS0	2	48	5240	20.03	21.08	45.41	43.15	-		23.01		-	
VHT40	MCS0	2	38	5190	36.26	36.26	41.22	40.99	-		23.01			
VHT40	MCS0	2	46	5230	36.26	36.46	41.12	41.50	-		23.01			
VHT80	MCS0	2	42	5210	77.20	77.20	82.18	83.36	-		23.01			
VHT160	MCS0	2	50	5250	155.12	155.12	167.95	166.80	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	36	5180	16.70	17.10	19.91	24.00		1.60			Pass
11a	6Mbps	2	44	5220	19.70	19.70	22.71	24.00		1.60			Pass
11a	6Mbps	2	48	5240	19.70	19.50	22.61	24.00		1.60			Pass
HT20	MCS0	2	36	5180	17.30	17.60	20.46	24.00		1.60			Pass
HT20	MCS0	2	44	5220	19.00	19.70	22.37	24.00		1.60			Pass
HT20	MCS0	2	48	5240	19.00	19.70	22.37	24.00		1.60			Pass
HT40	MCS0	2	38	5190	15.70	15.70	18.71	24.00		1.60			Pass
HT40	MCS0	2	46	5230	18.50	18.70	21.61	24.00		1.60		-	Pass
VHT20	MCS0	2	36	5180	17.40	17.70	20.56	24.00		1.60			Pass
VHT20	MCS0	2	44	5220	19.10	19.80	22.47	24.00		1.60			Pass
VHT20	MCS0	2	48	5240	19.10	19.80	22.47	24.00		1.60			Pass
VHT40	MCS0	2	38	5190	15.80	15.80	18.81	24.00		1.60			Pass
VHT40	MCS0	2	46	5230	18.60	18.80	21.71	24.00		1.60			Pass
VHT80	MCS0	2	42	5210	15.30	15.10	18.21	24.00		1.60			Pass
VHT160	MCS0	2	50	5250	13.30	13.30	16.31	24.00		1.60			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	36	5180	0.00	0.00			8.03	11.00		4.32			Pass
11a	6Mbps	2	44	5220	0.00	0.00			10.63	11.00		4.32			Pass
11a	6Mbps	2	48	5240	0.00	0.00			10.95	11.00		4.32			Pass
VHT20	MCS0	2	36	5180	0.00	0.00			8.86	11.00		4.32			Pass
VHT20	MCS0	2	44	5220	0.00	0.00			10.50	11.00		4.32			Pass
VHT20	MCS0	2	48	5240	0.00	0.00	-		10.83	11.00		4.32		-	Pass
VHT40	MCS0	2	38	5190	0.00	0.00			4.02	11.00		4.32			Pass
VHT40	MCS0	2	46	5230	0.00	0.00			7.17	11.00		4.32			Pass
VHT80	MCS0	2	42	5210	0.00	0.00			-0.13	11.00		4.32			Pass
VHT160	MCS0	2	50	5250	0.00	0.00			-4.14	11.00		4.32			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	52	5260	16.58	16.48	20.60	20.04	23.17		29.17		23.98		
11a	6Mbps	2	60	5300	16.48	16.43	20.06	19.86	23.16		29.16		23.98		
11a	6Mbps	2	64	5320	16.48	16.43	19.81	19.72	23.16		29.16		23.95		
VHT20	MCS0	2	52	5260	21.03	20.43	42.74	44.07	23.98		30.00		23.98		
VHT20	MCS0	2	60	5300	19.33	18.43	43.90	37.60	23.66		29.66		23.98		-
VHT20	MCS0	2	64	5320	18.23	18.08	33.06	28.79	23.57		29.57		23.98		
VHT40	MCS0	2	54	5270	36.26	36.26	41.10	40.98	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.26	36.26	41.47	40.75	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	77.20	77.20	82.72	82.72	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	52	5260	19.40	19.60	22.51	23.98		1.60		30	Pass
11a	6Mbps	2	60	5300	19.30	19.00	22.16	23.98		1.60		30	Pass
11a	6Mbps	2	64	5320	16.90	16.70	19.81	23.95		1.60		30	Pass
HT20	MCS0	2	52	5260	19.20	19.30	22.26	23.98		1.60		30	Pass
HT20	MCS0	2	60	5300	18.90	18.70	21.81	23.98		1.60		30	Pass
HT20	MCS0	2	64	5320	17.60	17.30	20.46	23.98		1.60		30	Pass
HT40	MCS0	2	54	5270	18.50	18.50	21.51	23.98		1.60		30	Pass
HT40	MCS0	2	62	5310	15.20	14.90	18.06	23.98		1.60		30	Pass
VHT20	MCS0	2	52	5260	19.30	19.40	22.36	23.98		1.60		30	Pass
VHT20	MCS0	2	60	5300	19.00	18.80	21.91	23.98		1.60		30	Pass
VHT20	MCS0	2	64	5320	17.70	17.40	20.56	23.98		1.60		30	Pass
VHT40	MCS0	2	54	5270	18.60	18.60	21.61	23.98		1.60		30	Pass
VHT40	MCS0	2	62	5310	15.30	15.00	18.16	23.98		1.60		30	Pass
VHT80	MCS0	2	58	5290	14.70	14.30	17.51	23.98		1.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	52	5260	0.00	0.00			10.67	11.00		4.57			Pass
11a	6Mbps	2	60	5300	0.00	0.00			9.90	11.00		4.57			Pass
11a	6Mbps	2	64	5320	0.00	0.00			9.30	11.00		4.57			Pass
VHT20	MCS0	2	52	5260	0.00	0.00			10.68	11.00		4.57			Pass
VHT20	MCS0	2	60	5300	0.00	0.00	-		10.00	11.00		4.57		-	Pass
VHT20	MCS0	2	64	5320	0.00	0.00			8.85	11.00		4.57			Pass
VHT40	MCS0	2	54	5270	0.00	0.00			7.07	11.00		4.57			Pass
VHT40	MCS0	2	62	5310	0.00	0.00			3.37	11.00		4.57			Pass
VHT80	MCS0	2	58	5290	0.00	0.00			-0.52	11.00		4.57			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
11a	6Mbps	2	100	5500	16.43	16.43	20.05	20.06	23.16		29.16		23.98		----	----
11a	6Mbps	2	116	5580	16.53	16.48	20.74	20.40	23.17		29.17		23.98		----	----
11a	6Mbps	2	140	5700	16.48	16.38	19.75	19.81	23.14		29.14		23.96		----	----
VHT20	MCS0	2	100	5500	19.03	21.98	43.77	52.46	23.79		29.79		23.98		----	----
VHT20	MCS0	2	116	5580	22.68	18.93	46.80	40.82	23.77		29.77		23.98		----	----
VHT20	MCS0	2	140	5700	18.58	18.08	40.63	26.94	23.57		29.57		23.98		----	----
VHT40	MCS0	2	102	5510	36.26	36.26	41.02	40.82	23.98		30.00		23.98		----	----
VHT40	MCS0	2	110	5550	36.36	36.36	44.78	41.10	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	36.46	36.26	53.63	41.01	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	77.20	77.32	82.21	82.72	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	77.20	77.32	82.82	82.72	23.98		30.00		23.98		----	----
VHT160	MCS0	2	114	5570	155.12	155.12	167.47	167.23	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
11a	6Mbps	2	144	5720	16.58	16.48	17.90	17.60	23.17		29.17		23.46		3.095	3.115
VHT20	MCS0	2	144	5720	16.44	15.09	27.95	26.82	22.79		28.79		23.98		3.35	3.73
VHT40	MCS0	2	142	5710	33.38	33.28	53.05	35.80	23.98		30.00		23.98		3.099	3.117
VHT80	MCS0	2	138	5690	73.72	73.72	91.99	76.41	23.98		30.00		23.98		3.496	3.688
6dB Bandwidth Limit ≧ 500kHz															Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	100	5500	18.10	18.10	21.11	23.98		1.80		30	Pass
11a	6Mbps	2	116	5580	19.80	20.20	23.01	23.98		1.80		30	Pass
11a	6Mbps	2	140	5700	16.90	16.90	19.91	23.96		1.80		30	Pass
HT20	MCS0	2	100	5500	18.10	18.20	21.16	23.98		1.80		30	Pass
HT20	MCS0	2	116	5580	19.70	19.80	22.76	23.98		1.80		30	Pass
HT20	MCS0	2	140	5700	17.80	17.40	20.61	23.98		1.80		30	Pass
HT40	MCS0	2	102	5510	17.70	17.70	20.71	23.98		1.80		30	Pass
HT40	MCS0	2	110	5550	19.10	19.10	22.11	23.98		1.80		30	Pass
HT40	MCS0	2	134	5670	19.00	18.90	21.96	23.98		1.80		30	Pass
VHT20	MCS0	2	100	5500	18.20	18.30	21.26	23.98		1.80		30	Pass
VHT20	MCS0	2	116	5580	19.80	19.90	22.86	23.98		1.80		30	Pass
VHT20	MCS0	2	140	5700	17.90	17.50	20.71	23.98		1.80		30	Pass
VHT40	MCS0	2	102	5510	17.80	17.80	20.81	23.98		1.80		30	Pass
VHT40	MCS0	2	110	5550	19.20	19.20	22.21	23.98		1.80		30	Pass
VHT40	MCS0	2	134	5670	19.10	19.00	22.06	23.98		1.80		30	Pass
VHT80	MCS0	2	106	5530	15.20	15.30	18.26	23.98		1.80		30	Pass
VHT80	MCS0	2	122	5610	17.50	17.70	20.61	23.98		1.80		30	Pass
VHT160	MCS0	2	114	5570	12.60	12.80	15.71	23.98		1.80		30	Pass

FCC U-NII-2C straddle channel MIMO													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	144	5720	19.70	19.90	22.81	23.46		1.80		30	Pass
HT20	MCS0	2	144	5720	19.30	19.60	22.46	23.98		1.80		30	Pass
HT40	MCS0	2	142	5710	19.80	19.70	22.76	23.98		1.80		30	Pass
VHT20	MCS0	2	144	5720	19.40	19.70	22.56	23.98		1.80		30	Pass
VHT40	MCS0	2	142	5710	19.90	19.80	22.86	23.98		1.80		30	Pass
VHT80	MCS0	2	138	5690	18.30	18.10	21.21	23.98		1.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	100	5500	0.00	0.00			10.16	11.00		4.66			Pass
11a	6Mbps	2	116	5580	0.00	0.00			10.73	11.00		4.66			Pass
11a	6Mbps	2	140	5700	0.00	0.00			8.21	11.00		4.66			Pass
VHT20	MCS0	2	100	5500	0.00	0.00			9.31	11.00		4.66			Pass
VHT20	MCS0	2	116	5580	0.00	0.00			10.56	11.00		4.66			Pass
VHT20	MCS0	2	140	5700	0.00	0.00			8.94	11.00		4.66			Pass
VHT40	MCS0	2	102	5510	0.00	0.00	-		5.78	11.00		4.66		-	Pass
VHT40	MCS0	2	110	5550	0.00	0.00			7.23	11.00		4.66			Pass
VHT40	MCS0	2	134	5670	0.00	0.00			7.49	11.00		4.66			Pass
VHT80	MCS0	2	106	5530	0.00	0.00			-0.25	11.00		4.66			Pass
VHT80	MCS0	2	122	5610	0.00	0.00			2.70	11.00		4.66			Pass
VHT160	MCS0	2	114	5570	0.00	0.00			-5.38	11.00		4.66			Pass

U-NII-2C straddle channel MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	144	5720	0.00	0.00			10.85	11.00		4.66			Pass
VHT20	MCS0	2	144	5720	0.00	0.00			10.40	11.00		4.66			Pass
VHT40	MCS0	2	142	5710	0.00	0.00	-		8.24	11.00		4.66		-	Pass
VHT80	MCS0	2	138	5690	0.00	0.00			3.18	11.00		4.66			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	36	5180	Full	18.93	18.93	21.61	21.36	-		22.77			
HE20	MCS0	2	44	5220	Full	18.93	19.03	21.72	22.79	-		22.77			
HE20	MCS0	2	48	5240	Full	18.98	19.03	24.21	22.18	-		22.78			
HE40	MCS0	2	38	5190	Full	37.96	37.96	41.38	41.55	-		23.01		-	-
HE40	MCS0	2	46	5230	Full	37.96	38.06	41.60	41.62	-		23.01			
HE80	MCS0	2	42	5210	Full	77.20	77.44	82.40	82.59	-		23.01			
HE160	MCS0	2	50	5250	Full	156.56	156.56	167.42	166.70	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	36	5180	Full	17.40	17.90	20.67	24.00		1.60		-	Pass
HE20	MCS0	2	36	5180	26/0	8.50	8.20	11.36	24.00		1.60			Pass
HE20	MCS0	2	36	5180	52/37	11.50	11.70	14.61	24.00		1.60			Pass
HE20	MCS0	2	36	5180	106/53	14.40	14.40	17.41	24.00		1.60			Pass
HE20	MCS0	2	44	5220	Full	19.80	19.90	22.86	24.00		1.60			Pass
HE20	MCS0	2	44	5220	26/4	12.00	12.20	15.11	24.00		1.60			Pass
HE20	MCS0	2	44	5220	52/38	13.50	13.60	16.56	24.00		1.60			Pass
HE20	MCS0	2	44	5220	106/53	16.60	16.50	19.56	24.00		1.60			Pass
HE20	MCS0	2	48	5240	Full	19.90	19.70	22.81	24.00		1.60			Pass
HE20	MCS0	2	48	5240	26/8	10.00	10.20	13.11	24.00		1.60			Pass
HE20	MCS0	2	48	5240	52/40	13.20	13.10	16.16	24.00		1.60			Pass
HE20	MCS0	2	48	5240	106/54	16.50	16.30	19.41	24.00		1.60			Pass
HE40	MCS0	2	38	5190	Full	15.90	15.90	18.91	24.00		1.60			Pass
HE40	MCS0	2	38	5190	242/61	13.40	13.50	16.46	24.00		1.60			Pass
HE40	MCS0	2	46	5230	Full	18.60	18.90	21.76	24.00		1.60			Pass
HE40	MCS0	2	46	5230	242/62	16.40	16.30	19.36	24.00		1.60			Pass
HE80	MCS0	2	42	5210	Full	15.30	15.30	18.31	24.00		1.60			Pass
HE80	MCS0	2	42	5210	484/65	12.60	12.70	15.66	24.00		1.60			Pass
HE160	MCS0	2	50	5250	Full	13.40	13.40	16.41	24.00		1.60			Pass
HE160	MCS0	2	50	5250	996/67	11.60	11.60	14.61	24.00		1.60			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	36	5180	Full	0.00	0.00			8.59	11.00		4.32			Pass
HE20	MCS0	2	36	5180	26/0	0.00	0.00			8.28	11.00		4.32			Pass
HE20	MCS0	2	36	5180	52/37	0.00	0.00			8.37	11.00		4.32			Pass
HE20	MCS0	2	36	5180	106/53	0.00	0.00			8.08	11.00		4.32			Pass
HE20	MCS0	2	44	5220	Full	0.00	0.00			10.72	11.00		4.32			Pass
HE20	MCS0	2	44	5220	26/4	0.00	0.00			10.56	11.00		4.32			Pass
HE20	MCS0	2	44	5220	52/38	0.00	0.00			10.32	11.00		4.32			Pass
HE20	MCS0	2	44	5220	106/53	0.00	0.00			10.21	11.00		4.32			Pass
HE20	MCS0	2	48	5240	Full	0.00	0.00			10.71	11.00		4.32			Pass
HE20	MCS0	2	48	5240	26/8	0.00	0.00			10.24	11.00		4.32			Pass
HE20	MCS0	2	48	5240	52/40	0.00	0.00	-		10.28	11.00		4.32		-	Pass
HE20	MCS0	2	48	5240	106/54	0.00	0.00			10.40	11.00		4.32			Pass
HE40	MCS0	2	38	5190	Full	0.00	0.00			3.88	11.00		4.32			Pass
HE40	MCS0	2	38	5190	242/61	0.00	0.00			3.51	11.00		4.32			Pass
HE40	MCS0	2	46	5230	Full	0.00	0.00			6.99	11.00		4.32			Pass
HE40	MCS0	2	46	5230	242/62	0.00	0.00			6.58	11.00		4.32			Pass
HE80	MCS0	2	42	5210	Full	0.00	0.00			-0.20	11.00		4.32			Pass
HE80	MCS0	2	42	5210	484/65	0.00	0.00			-0.44	11.00		4.32			Pass
HE160	MCS0	2	50	5250	Full	0.00	0.00			-4.28	11.00		4.32			Pass
HE160	MCS0	2	50	5250	996/67	0.00	0.00			-4.35	11.00		4.32			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	52	5260	Full	20.83	19.03	44.56	23.57	23.79		29.79		23.98		
HE20	MCS0	2	60	5300	Full	18.93	18.93	21.71	22.19	23.77		29.77		23.98		
HE20	MCS0	2	64	5320	Full	18.93	18.93	21.47	21.38	23.77		29.77		23.98		
HE40	MCS0	2	54	5270	Full	37.86	37.86	41.44	41.62	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.86	37.86	41.66	41.70	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.20	82.66	83.30	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	52	5260	Full	19.50	19.30	22.41	23.98		1.60		30	Pass
HE20	MCS0	2	52	5260	26/0	10.60	10.50	13.56	23.98		1.60		30	Pass
HE20	MCS0	2	52	5260	52/37	13.70	13.20	16.47	23.98		1.60		30	Pass
HE20	MCS0	2	52	5260	106/53	16.20	15.80	19.01	23.98		1.60		30	Pass
HE20	MCS0	2	60	5300	Full	19.30	18.60	21.97	23.98		1.60		30	Pass
HE20	MCS0	2	60	5300	26/4	11.50	10.70	14.13	23.98		1.60		30	Pass
HE20	MCS0	2	60	5300	52/38	13.40	12.40	15.94	23.98		1.60		30	Pass
HE20	MCS0	2	60	5300	106/53	16.00	15.30	18.67	23.98		1.60		30	Pass
HE20	MCS0	2	64	5320	Full	17.70	17.50	20.61	23.98		1.60		30	Pass
HE20	MCS0	2	64	5320	26/8	8.40	8.00	11.21	23.98		1.60		30	Pass
HE20	MCS0	2	64	5320	52/40	11.80	11.10	14.47	23.98		1.60		30	Pass
HE20	MCS0	2	64	5320	106/54	14.90	14.20	17.57	23.98		1.60		30	Pass
HE40	MCS0	2	54	5270	Full	18.70	18.70	21.71	23.98		1.60		30	Pass
HE40	MCS0	2	54	5270	242/61	16.90	16.50	19.71	23.98		1.60		30	Pass
HE40	MCS0	2	62	5310	Full	15.50	14.90	18.22	23.98		1.60		30	Pass
HE40	MCS0	2	62	5310	242/62	13.50	12.60	16.08	23.98		1.60		30	Pass
HE80	MCS0	2	58	5290	Full	14.70	14.50	17.61	23.98		1.60		30	Pass
HE80	MCS0	2	58	5290	484/66	12.50	12.20	15.36	23.98		1.60		30	Pass
HE160	MCS0	2	50	5250	996/S67	10.90	10.90	13.91	23.98		1.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	52	5260	Full	0.00	0.00			10.60	11.00		4.57			Pass
HE20	MCS0	2	52	5260	26/0	0.00	0.00			10.57	11.00		4.57			Pass
HE20	MCS0	2	52	5260	52/37	0.00	0.00			10.55	11.00		4.57			Pass
HE20	MCS0	2	52	5260	106/53	0.00	0.00			10.00	11.00		4.57			Pass
HE20	MCS0	2	60	5300	Full	0.00	0.00			9.80	11.00		4.57			Pass
HE20	MCS0	2	60	5300	26/4	0.00	0.00			9.66	11.00		4.57			Pass
HE20	MCS0	2	60	5300	52/38	0.00	0.00			9.58	11.00		4.57			Pass
HE20	MCS0	2	60	5300	106/53	0.00	0.00			9.20	11.00		4.57			Pass
HE20	MCS0	2	64	5320	Full	0.00	0.00			8.46	11.00		4.57			Pass
HE20	MCS0	2	64	5320	26/8	0.00	0.00		-	8.17	11.00		4.57		-	Pass
HE20	MCS0	2	64	5320	52/40	0.00	0.00			8.35	11.00		4.57			Pass
HE20	MCS0	2	64	5320	106/54	0.00	0.00			8.19	11.00		4.57			Pass
HE40	MCS0	2	54	5270	Full	0.00	0.00			6.91	11.00		4.57			Pass
HE40	MCS0	2	54	5270	242/61	0.00	0.00			6.87	11.00		4.57			Pass
HE40	MCS0	2	62	5310	Full	0.00	0.00			3.23	11.00		4.57			Pass
HE40	MCS0	2	62	5310	242/62	0.00	0.00			3.03	11.00		4.57			Pass
HE80	MCS0	2	58	5290	Full	0.00	0.00			-0.54	11.00		4.57			Pass
HE80	MCS0	2	58	5290	484/66	0.00	0.00			-0.83	11.00		4.57			Pass
HE160	MCS0	2	50	5250	996/S67	0.00	0.00			-4.71	11.00		4.57			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
HE20	MCS0	2	100	5500	Full	18.93	18.98	21.64	21.64	23.77		29.77		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.03	18.98	24.10	22.68	23.78		29.78		23.98		----	----
HE20	MCS0	2	140	5700	Full	18.88	18.98	21.84	21.37	23.76		29.76		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.86	37.96	41.66	41.46	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.96	37.96	41.95	41.71	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	38.06	38.06	41.50	42.35	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.32	77.32	82.53	82.85	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	77.08	77.20	82.72	82.75	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	156.56	156.56	167.18	166.37	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7
HE20	MCS0	2	144	5720	Full	19.08	18.93	20.64	19.28	23.77		29.77		23.85		4.355	4.36
HE40	MCS0	2	142	5710	Full	34.08	34.08	37.46	36.01	23.98		30.00		23.98		3.729	3.108
HE80	MCS0	2	138	5690	Full	73.72	73.72	76.38	76.89	23.98		30.00		23.98		5.96	6.216
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	100	5500	Full	18.20	18.50	21.36	23.98		1.80		30	Pass
HE20	MCS0	2	100	5500	26/0	9.10	8.90	12.01	23.98		1.80		30	Pass
HE20	MCS0	2	100	5500	52/37	12.40	12.40	15.41	23.98		1.80		30	Pass
HE20	MCS0	2	100	5500	106/53	15.50	15.10	18.31	23.98		1.80		30	Pass
HE20	MCS0	2	116	5580	Full	19.80	20.10	22.96	23.98		1.80		30	Pass
HE20	MCS0	2	116	5580	26/4	12.20	12.10	15.16	23.98		1.80		30	Pass
HE20	MCS0	2	116	5580	52/38	13.80	13.80	16.81	23.98		1.80		30	Pass
HE20	MCS0	2	116	5580	106/53	16.80	16.80	19.81	23.98		1.80		30	Pass
HE20	MCS0	2	140	5700	Full	17.90	17.70	20.81	23.98		1.80		30	Pass
HE20	MCS0	2	140	5700	26/8	8.50	8.10	11.31	23.98		1.80		30	Pass
HE20	MCS0	2	140	5700	52/40	11.90	11.50	14.71	23.98		1.80		30	Pass
HE20	MCS0	2	140	5700	106/54	15.30	14.70	18.02	23.98		1.80		30	Pass
HE40	MCS0	2	102	5510	Full	17.80	17.90	20.86	23.98		1.80		30	Pass
HE40	MCS0	2	102	5510	242/61	16.00	15.70	18.86	23.98		1.80		30	Pass
HE40	MCS0	2	110	5550	Full	19.30	19.30	22.31	23.98		1.80		30	Pass
HE40	MCS0	2	110	5550	242/61	17.50	17.30	20.41	23.98		1.80		30	Pass
HE40	MCS0	2	134	5670	Full	19.10	19.20	22.16	23.98		1.80		30	Pass
HE40	MCS0	2	134	5670	242/62	16.90	16.80	19.86	23.98		1.80		30	Pass
HE80	MCS0	2	106	5530	Full	15.20	15.50	18.36	23.98		1.80		30	Pass
HE80	MCS0	2	106	5530	484/65	12.90	12.90	15.91	23.98		1.80		30	Pass
HE80	MCS0	2	122	5610	Full	17.60	17.80	20.71	23.98		1.80		30	Pass
HE80	MCS0	2	122	5610	484/66	15.50	15.30	18.41	23.98		1.80		30	Pass
HE160	MCS0	2	114	5570	Full	12.80	12.80	15.81	23.98		1.80		30	Pass
HE160	MCS0	2	114	5570	996/67	10.40	10.40	13.41	23.98		1.80		30	Pass
HE160	MCS0	2	114	5570	996/S67	10.10	10.10	13.11	23.98		1.80		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	144	5720	Full	19.90	19.80	22.86	23.85		1.80		30	Pass
HE20	MCS0	2	144	5720	26/8	10.90	10.60	13.76	23.85		1.80		30	Pass
HE20	MCS0	2	144	5720	52/40	13.60	13.60	16.61	23.85		1.80		30	Pass
HE20	MCS0	2	144	5720	106/54	17.20	16.70	19.97	23.85		1.80		30	Pass
HE40	MCS0	2	142	5710	Full	20.10	19.70	22.91	23.98		1.80		30	Pass
HE40	MCS0	2	142	5710	242/62	17.60	17.20	20.41	23.98		1.80		30	Pass
HE80	MCS0	2	138	5690	Full	18.40	18.20	21.31	23.98		1.80		30	Pass
HE80	MCS0	2	138	5690	484/66	16.10	15.40	18.77	23.98		1.80		30	Pass

TEST RESULTS DATA
Power Spectral Density

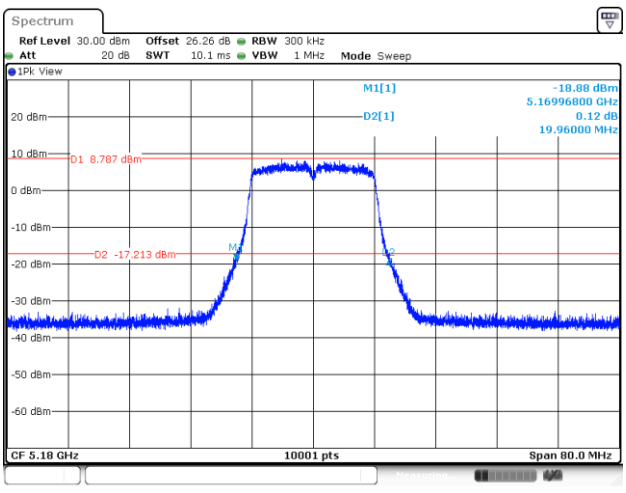
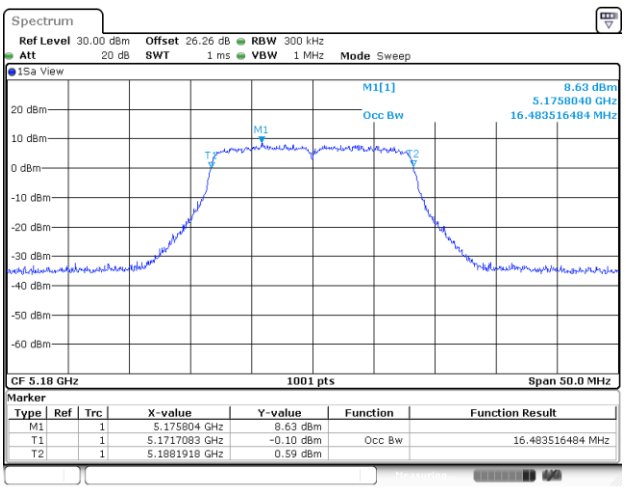
U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	100	5500	Full	0.00	0.00			8.97	11.00		4.66			Pass
HE20	MCS0	2	100	5500	26/0	0.00	0.00			8.56	11.00		4.66			Pass
HE20	MCS0	2	100	5500	52/37	0.00	0.00			8.81	11.00		4.66			Pass
HE20	MCS0	2	100	5500	106/53	0.00	0.00			8.54	11.00		4.66			Pass
HE20	MCS0	2	116	5580	Full	0.00	0.00			10.87	11.00		4.66			Pass
HE20	MCS0	2	116	5580	26/4	0.00	0.00			10.79	11.00		4.66			Pass
HE20	MCS0	2	116	5580	52/38	0.00	0.00			10.38	11.00		4.66			Pass
HE20	MCS0	2	116	5580	106/53	0.00	0.00			10.24	11.00		4.66			Pass
HE20	MCS0	2	140	5700	Full	0.00	0.00			8.64	11.00		4.66			Pass
HE20	MCS0	2	140	5700	26/8	0.00	0.00			8.03	11.00		4.66			Pass
HE20	MCS0	2	140	5700	52/40	0.00	0.00			8.34	11.00		4.66			Pass
HE20	MCS0	2	140	5700	106/54	0.00	0.00			8.54	11.00		4.66			Pass
HE40	MCS0	2	102	5510	Full	0.00	0.00	-		5.54	11.00		4.66		-	Pass
HE40	MCS0	2	102	5510	242/61	0.00	0.00			5.43	11.00		4.66			Pass
HE40	MCS0	2	110	5550	Full	0.00	0.00			7.03	11.00		4.66			Pass
HE40	MCS0	2	110	5550	242/61	0.00	0.00			6.97	11.00		4.66			Pass
HE40	MCS0	2	134	5670	Full	0.00	0.00			6.85	11.00		4.66			Pass
HE40	MCS0	2	134	5670	242/62	0.00	0.00			6.80	11.00		4.66			Pass
HE80	MCS0	2	106	5530	Full	0.00	0.00			-0.25	11.00		4.66			Pass
HE80	MCS0	2	106	5530	484/65	0.00	0.00			-0.52	11.00		4.66			Pass
HE80	MCS0	2	122	5610	Full	0.00	0.00			2.69	11.00		4.66			Pass
HE80	MCS0	2	122	5610	484/66	0.00	0.00			2.22	11.00		4.66			Pass
HE160	MCS0	2	114	5570	Full	0.00	0.00			-5.57	11.00		4.66			Pass
HE160	MCS0	2	114	5570	996/67	0.00	0.00			-6.09	11.00		4.66			Pass
HE160	MCS0	2	114	5570	996/S67	0.00	0.00			-5.95	11.00		4.66			Pass

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	144	5720	Full	0.00	0.00			10.83	11.00		4.66			Pass
HE20	MCS0	2	144	5720	26/8	0.00	0.00			10.50	11.00		4.66			Pass
HE20	MCS0	2	144	5720	52/40	0.00	0.00			10.31	11.00		4.66			Pass
HE20	MCS0	2	144	5720	106/54	0.00	0.00			10.67	11.00		4.66			Pass
HE40	MCS0	2	142	5710	Full	0.00	0.00	-		7.68	11.00		4.66		-	Pass
HE40	MCS0	2	142	5710	242/62	0.00	0.00			7.35	11.00		4.66			Pass
HE80	MCS0	2	138	5690	Full	0.00	0.00			3.19	11.00		4.66			Pass
HE80	MCS0	2	138	5690	484/66	0.00	0.00			2.98	11.00		4.66			Pass

Test Result of 26dB & 99% Occupied Bandwidth

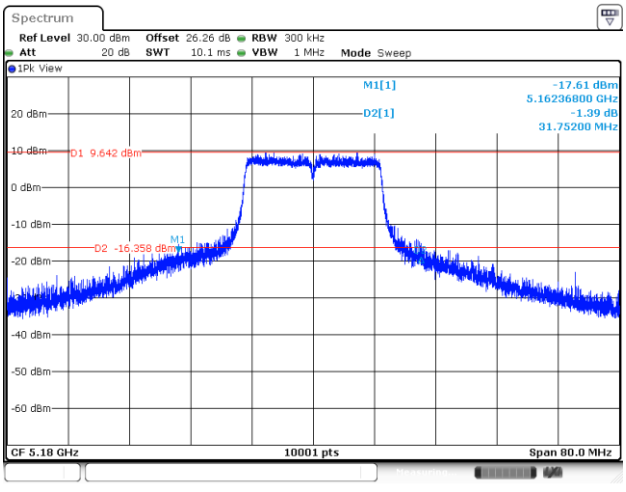
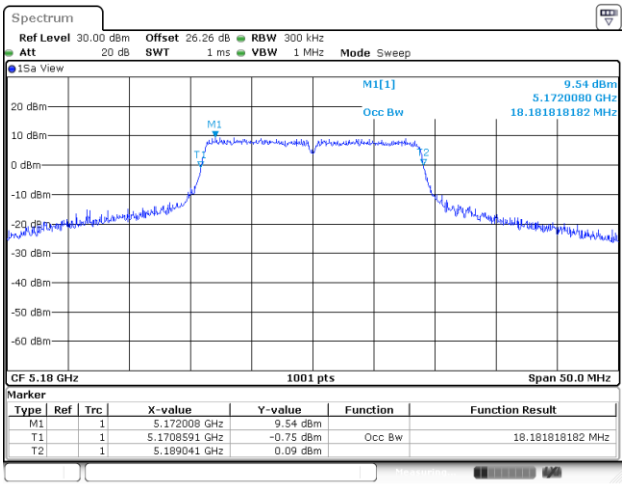
MIMO <Ant. 6+7>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

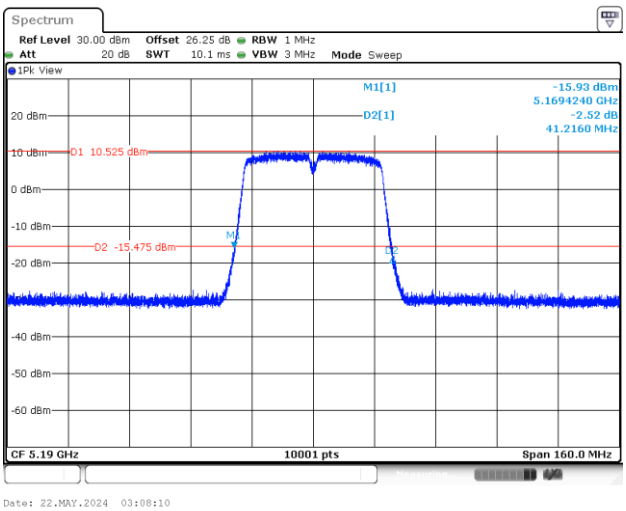
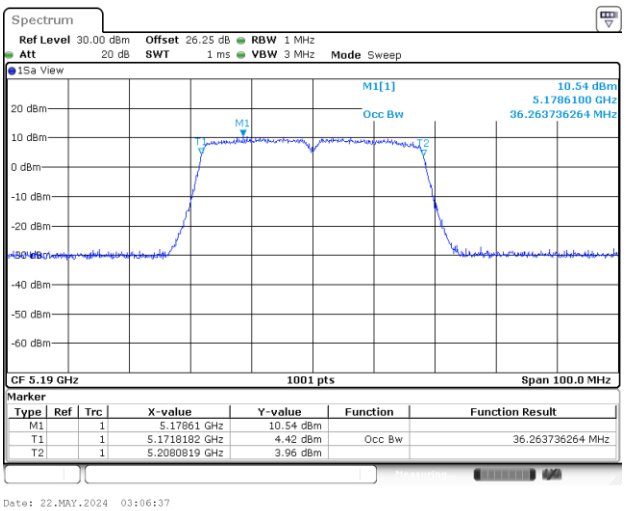
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

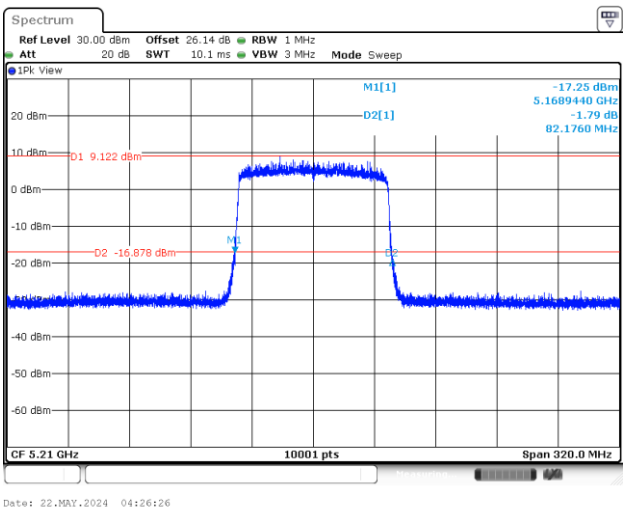
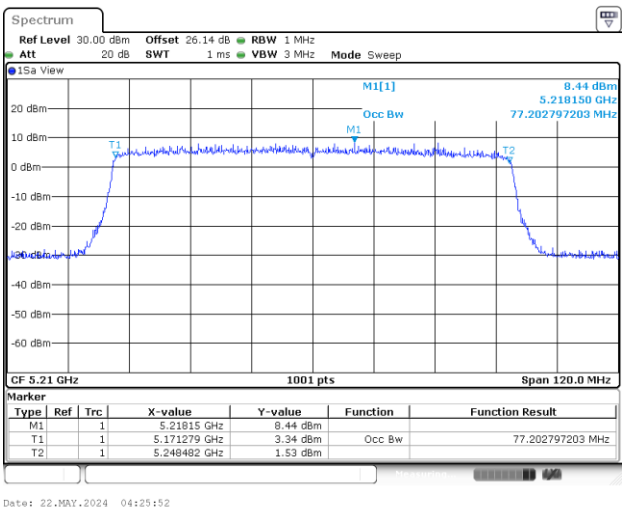
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

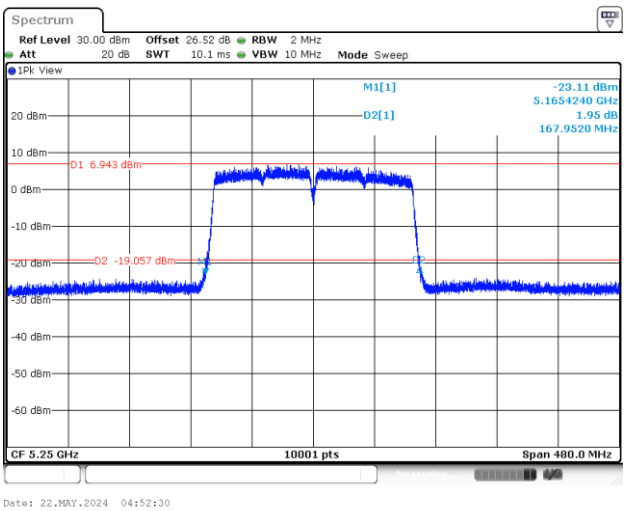
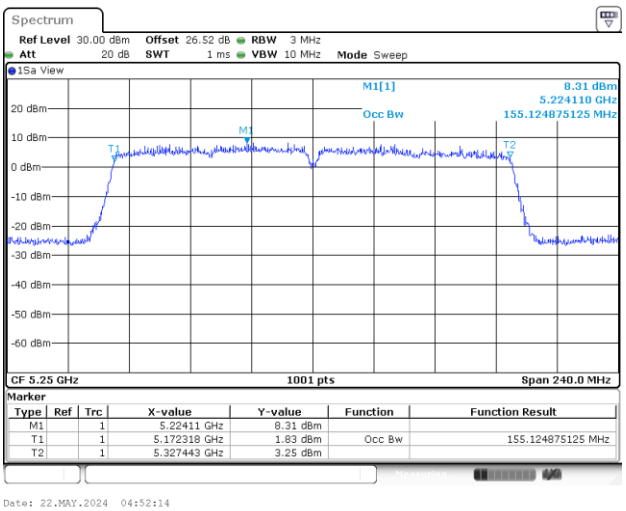
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

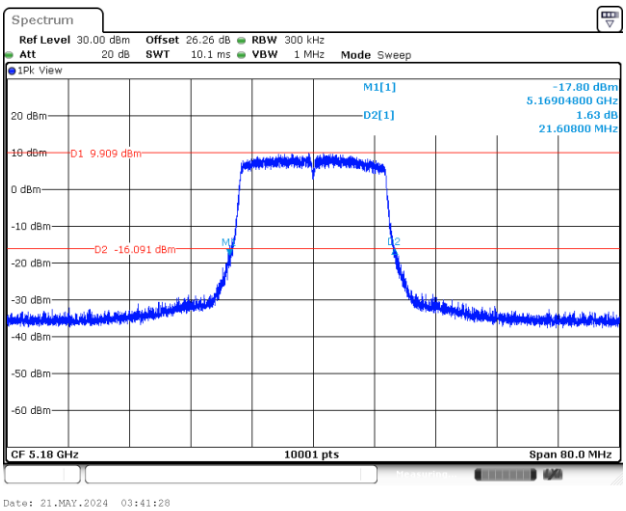
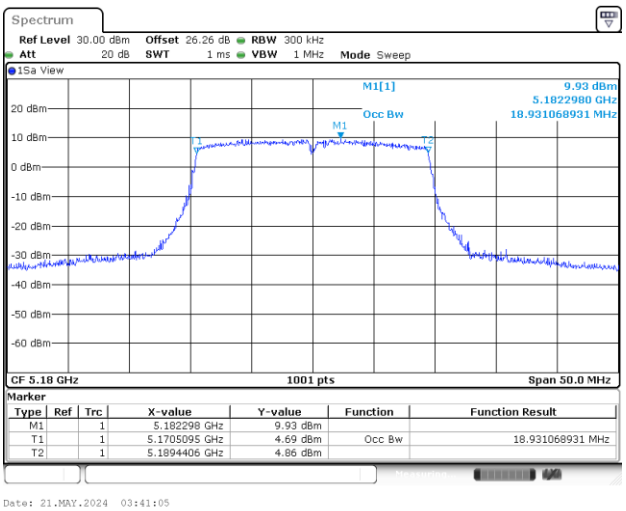
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ac VHT160>

26dB Bandwidth	99% Occupied Bandwidth
	

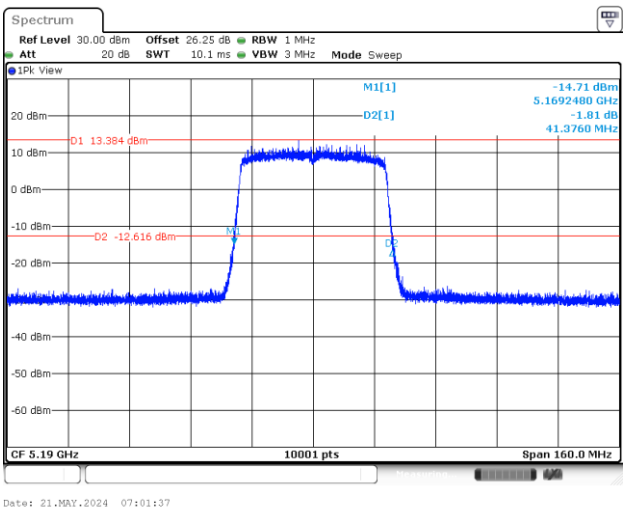
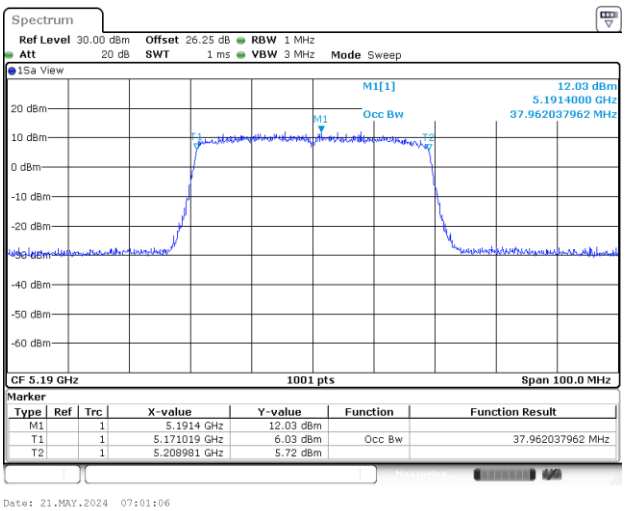
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE20>

26dB Bandwidth	99% Occupied Bandwidth
	

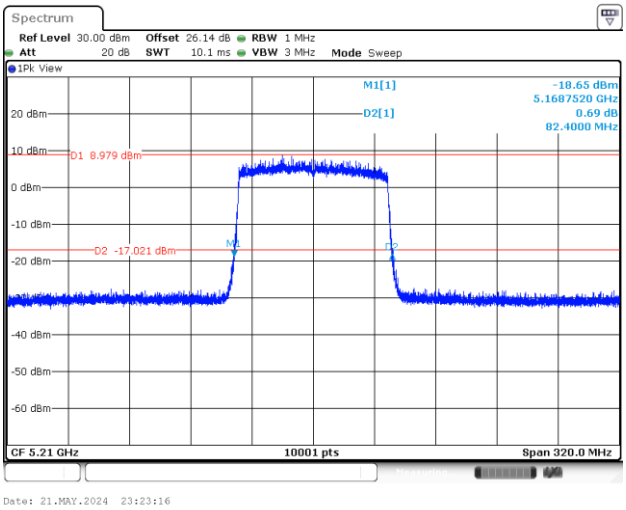
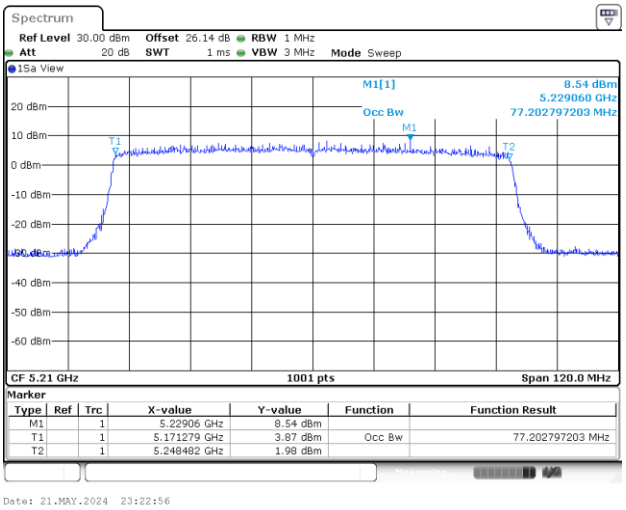
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE40>

26dB Bandwidth	99% Occupied Bandwidth
	

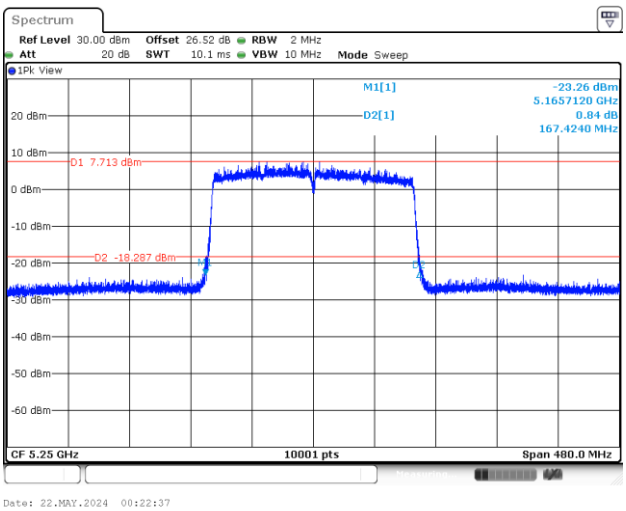
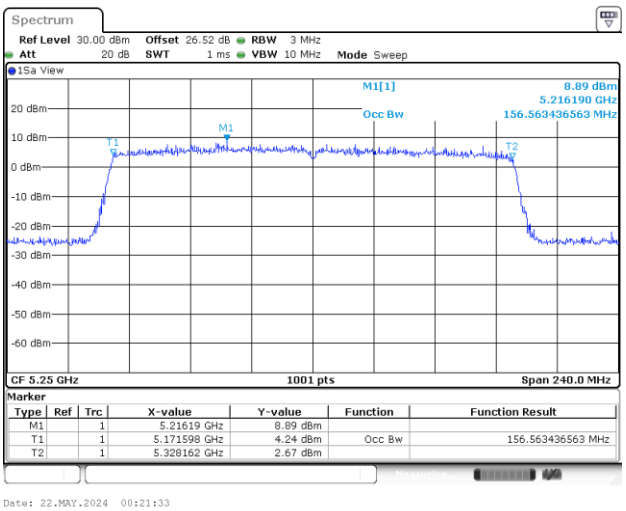
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11ax HE80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

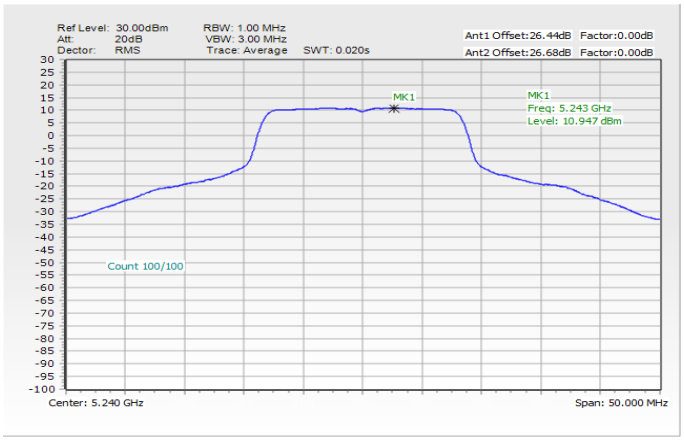
<802.11ax HE160>

26dB Bandwidth	99% Occupied Bandwidth
	

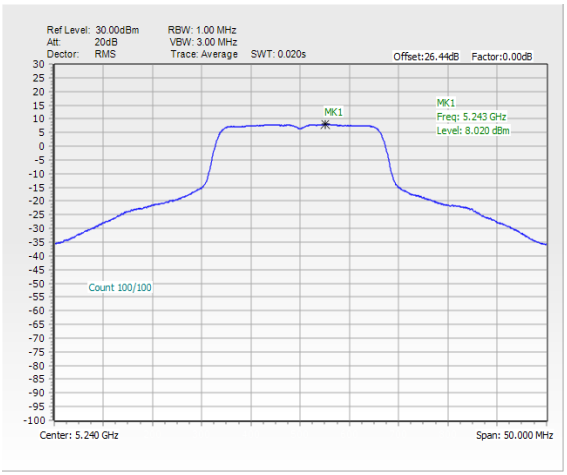
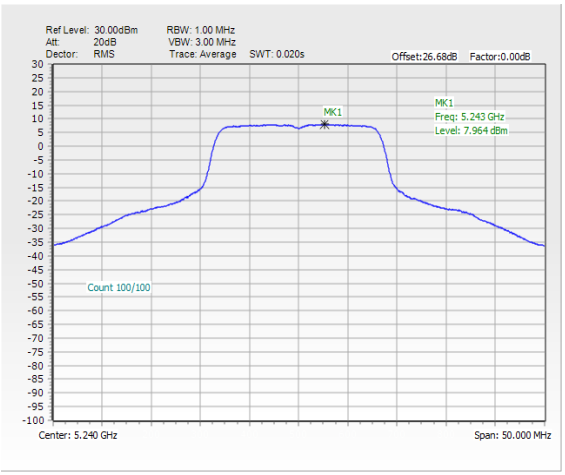
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

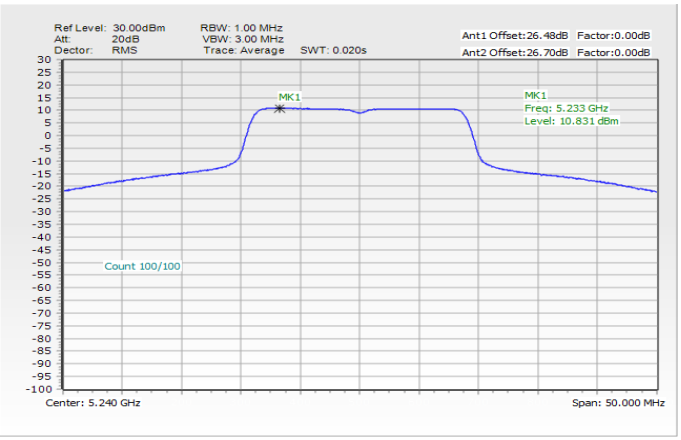
<802.11a>

Maximum Power Density Plot (dBm/MHz)


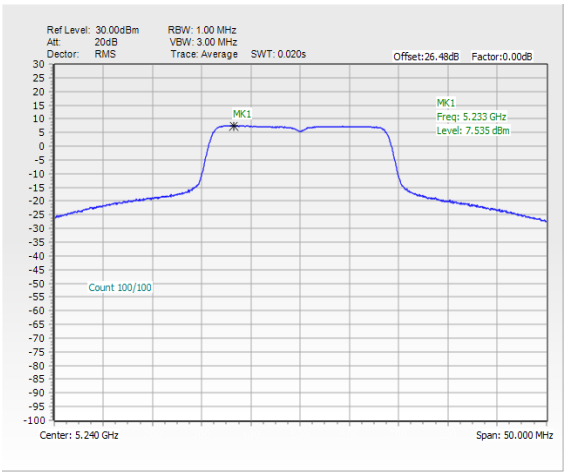
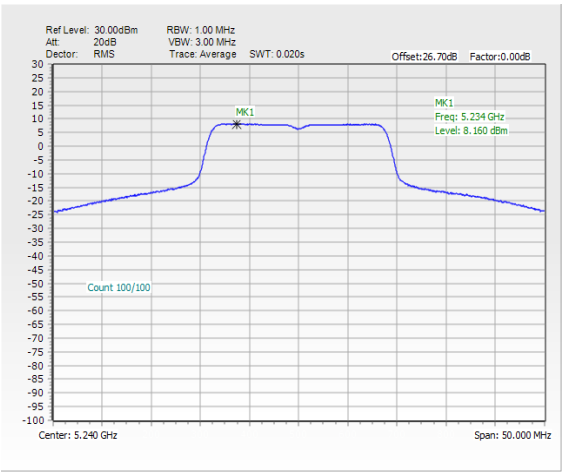
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

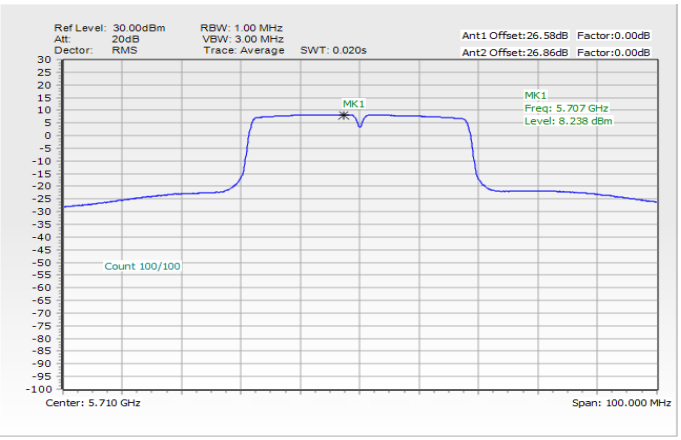
<802.11ac VHT20>

Maximum Power Density Plot (dBm/MHz)


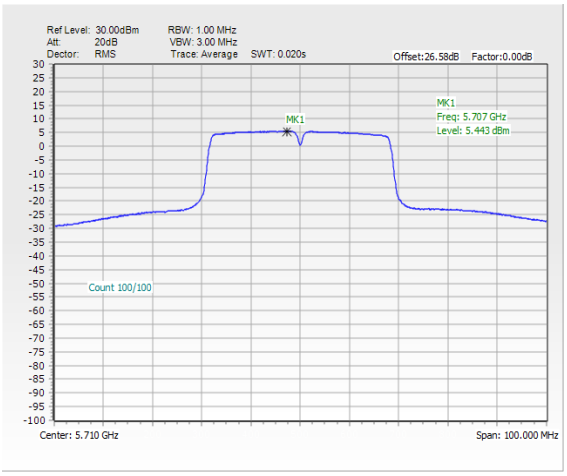
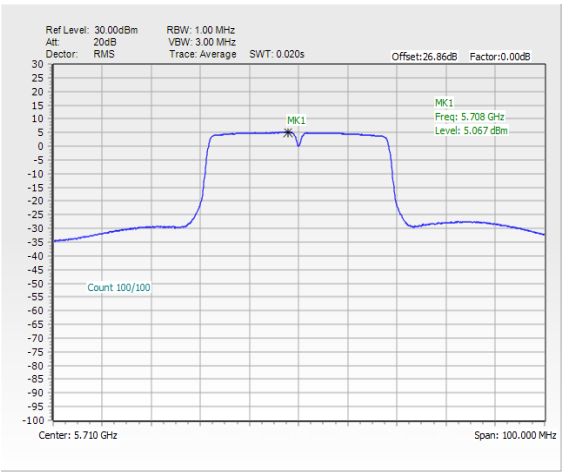
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

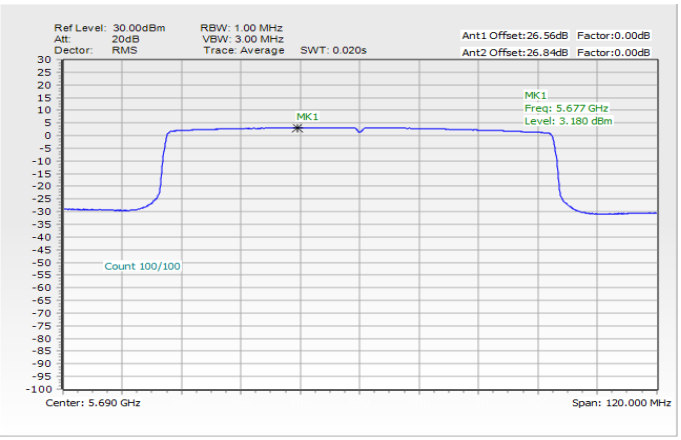
<802.11ac VHT40>

Maximum Power Density Plot (dBm/MHz)


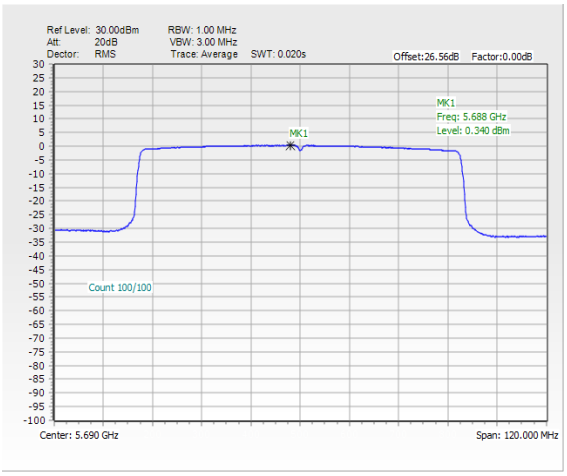
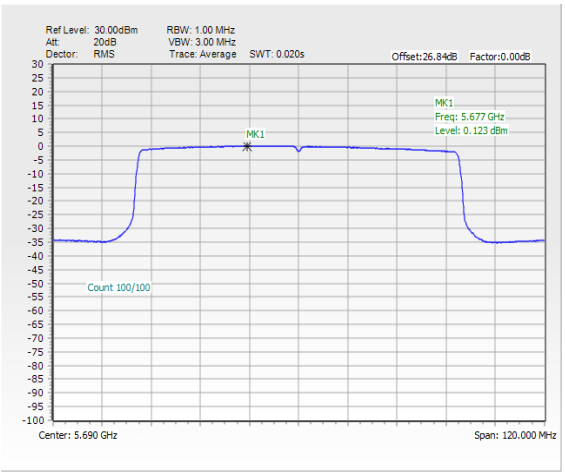
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

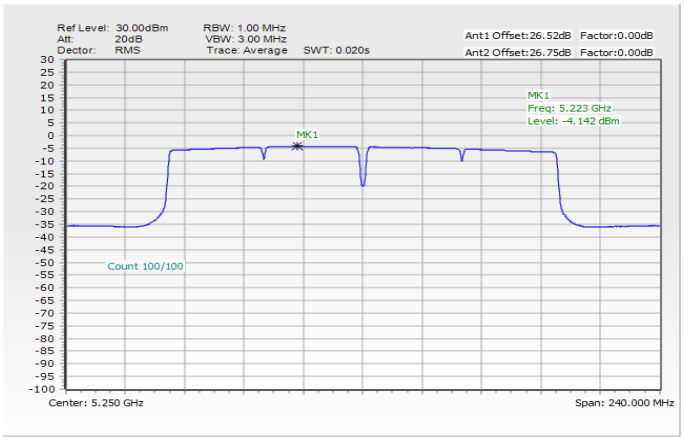
<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)


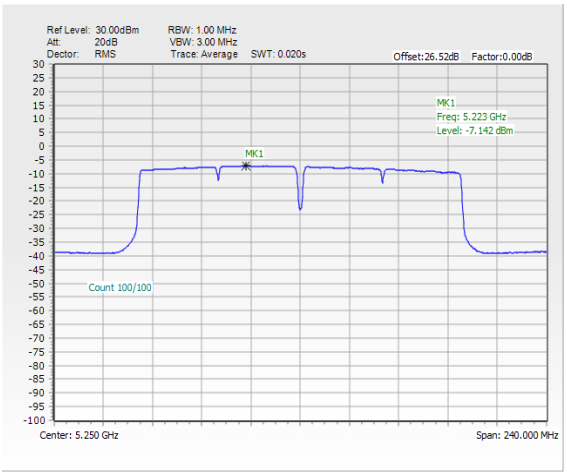
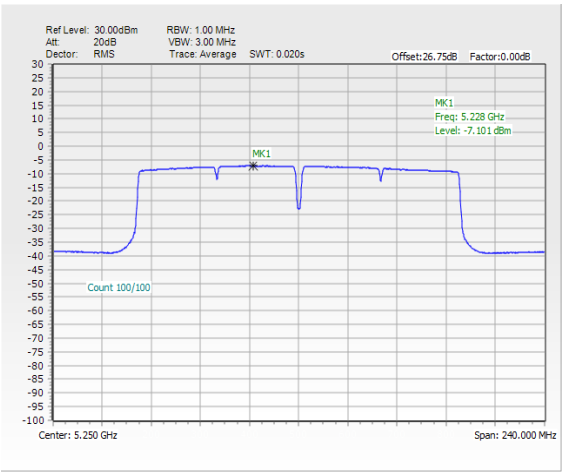
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

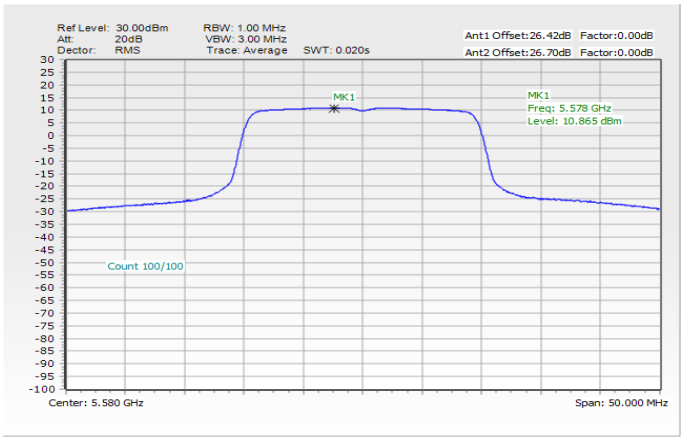
<802.11ac VHT160>

Maximum Power Density Plot (dBm/MHz)


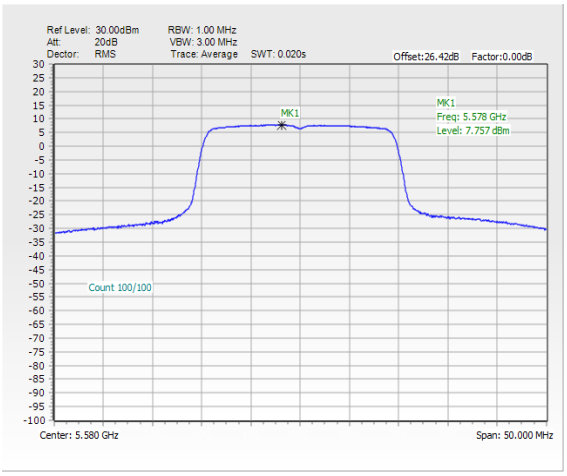
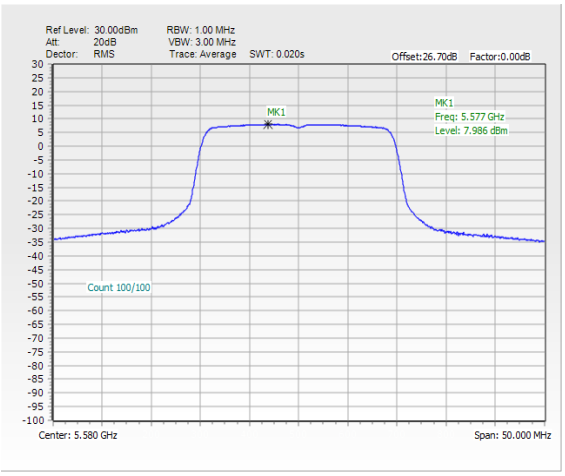
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

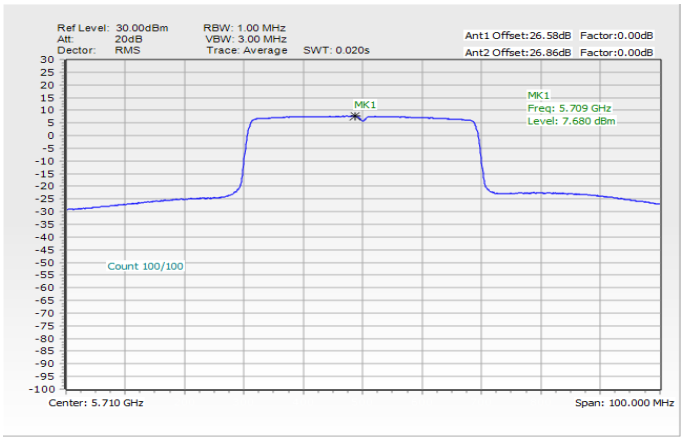
<802.11ax HE20>

Maximum Power Density Plot (dBm/MHz)


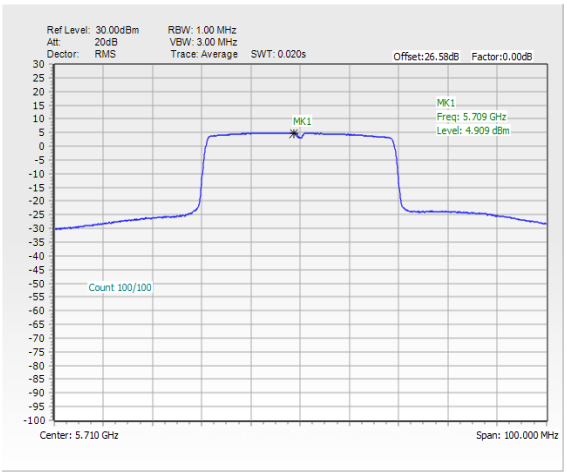
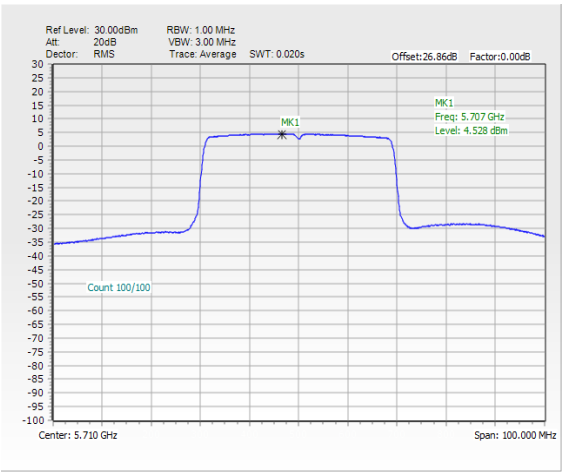
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

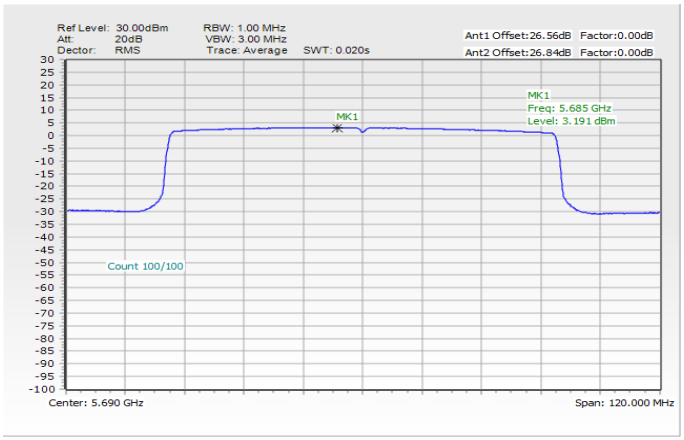
<802.11ax HE40>

Maximum Power Density Plot (dBm/MHz)


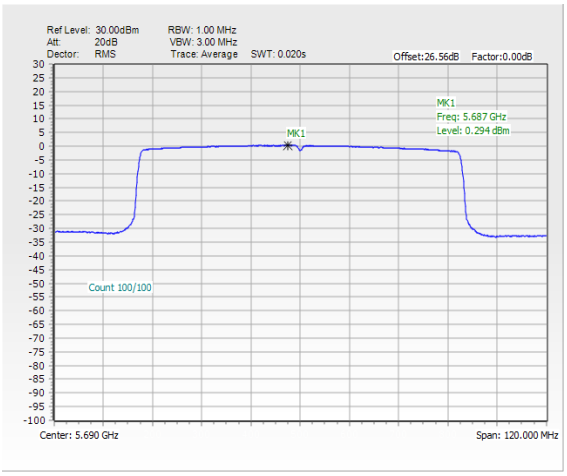
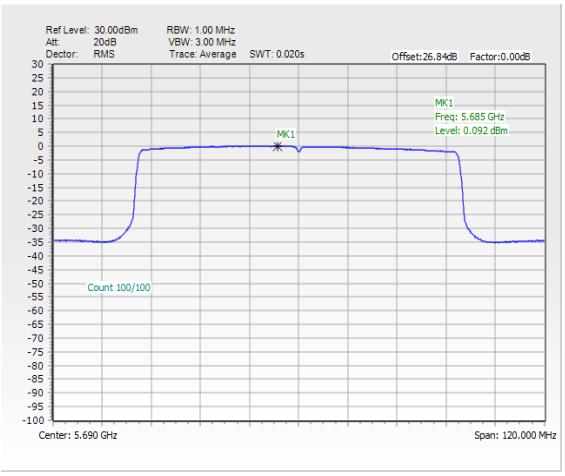
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

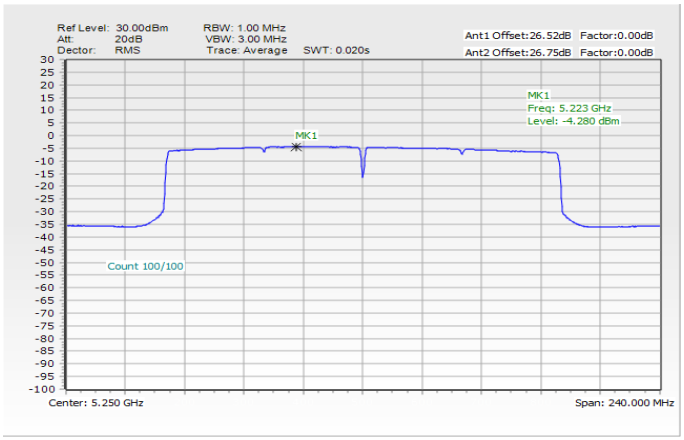
<802.11ax HE80>

Maximum Power Density Plot (dBm/MHz)


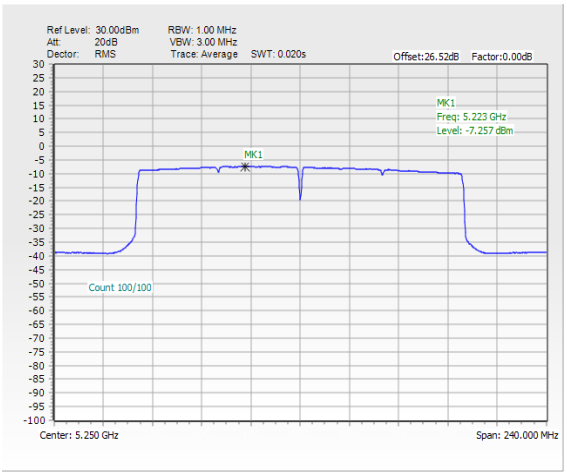
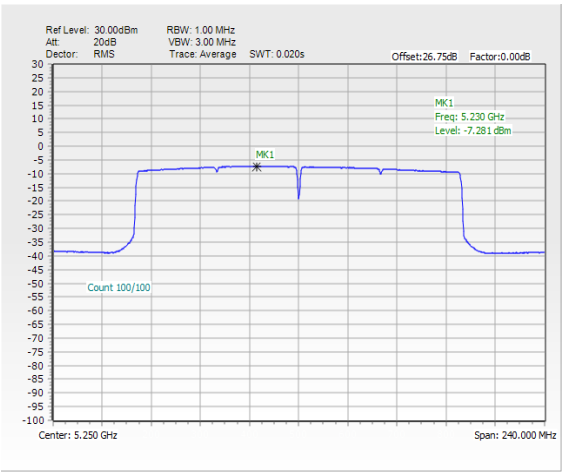
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

<802.11ax HE160>

Maximum Power Density Plot (dBm/MHz)


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

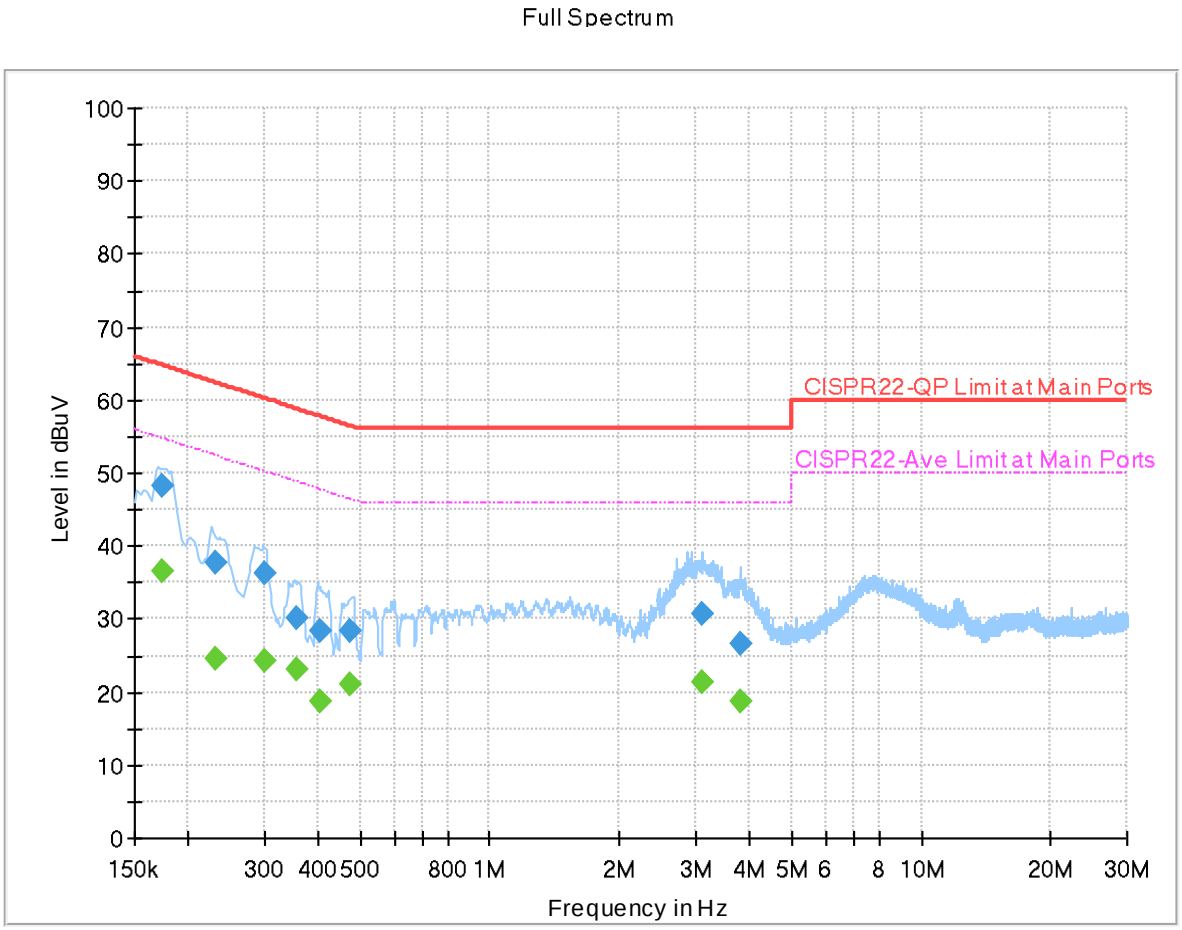
Maximum Power Density Plot Trace 1 (Ant 6)	Maximum Power Density Plot Trace 2 (Ant 7)
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	24.3~26.8℃
		Relative Humidity :	55.5~67.1%

EUT Information

Report NO :	443061
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

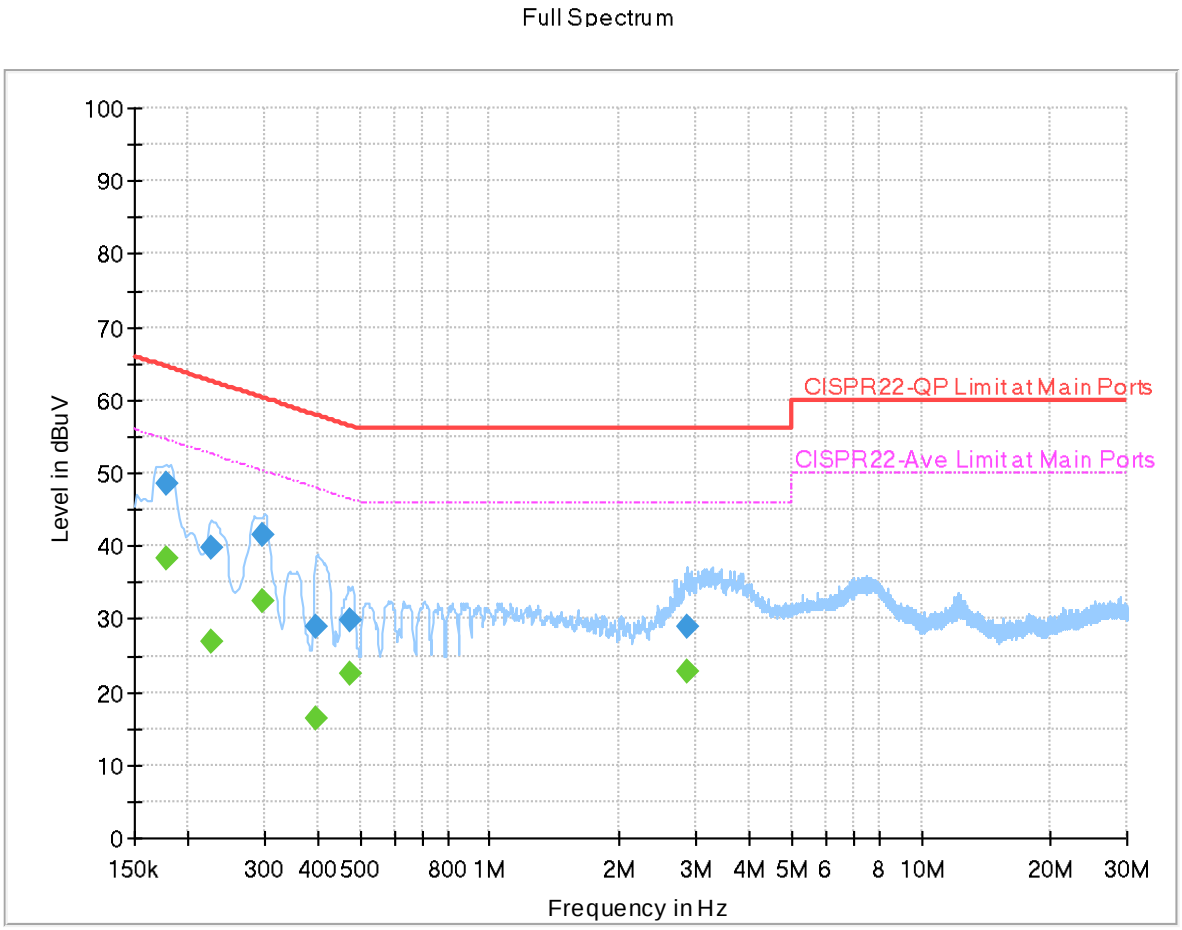


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.173850	---	36.68	54.77	18.09	L1	OFF	19.9
0.173850	48.31	---	64.77	16.46	L1	OFF	19.9
0.231000	---	24.52	52.41	27.89	L1	OFF	19.9
0.231000	37.59	---	62.41	24.82	L1	OFF	19.9
0.300390	---	24.33	50.23	25.90	L1	OFF	19.9
0.300390	36.17	---	60.23	24.06	L1	OFF	19.9
0.357000	---	23.21	48.80	25.59	L1	OFF	19.9
0.357000	30.12	---	58.80	28.68	L1	OFF	19.9
0.403170	---	18.70	47.79	29.09	L1	OFF	19.9
0.403170	28.41	---	57.79	29.38	L1	OFF	19.9
0.476250	---	21.14	46.40	25.26	L1	OFF	19.9
0.476250	28.31	---	56.40	28.09	L1	OFF	19.9
3.118650	---	21.45	46.00	24.55	L1	OFF	20.0
3.118650	30.79	---	56.00	25.21	L1	OFF	20.0
3.803910	---	18.62	46.00	27.38	L1	OFF	20.0
3.803910	26.64	---	56.00	29.36	L1	OFF	20.0

EUT Information

Report NO :	443061
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.177000	---	38.33	54.63	16.30	N	OFF	19.9
0.177000	48.58	---	64.63	16.05	N	OFF	19.9
0.226860	---	27.02	52.56	25.54	N	OFF	19.9
0.226860	39.83	---	62.56	22.73	N	OFF	19.9
0.298860	---	32.59	50.27	17.68	N	OFF	19.9
0.298860	41.42	---	60.27	18.85	N	OFF	19.9
0.393000	---	16.50	48.00	31.50	N	OFF	19.9
0.393000	28.94	---	58.00	29.06	N	OFF	19.9
0.476250	---	22.38	46.40	24.02	N	OFF	19.9
0.476250	29.71	---	56.40	26.69	N	OFF	19.9
2.874300	---	22.67	46.00	23.33	N	OFF	20.0
2.874300	28.92	---	56.00	27.08	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Bank Lin, Fred Tseng and Karl Hou	Temperature :	21.5~24.9°C
		Relative Humidity :	50.1~60.9%

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.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.94	55.32	-18.68	74	43.76	32.5	12.75	33.69	330	32	P	H
		5149.76	45.7	-8.3	54	34.14	32.5	12.75	33.69	330	32	A	H
	*	5180	110.78	-	-	99.15	32.56	12.81	33.74	330	32	P	H
	*	5180	103.65	-	-	92.02	32.56	12.81	33.74	330	32	A	H
													H
													H
		5147.94	61.6	-12.4	74	50.04	32.5	12.75	33.69	183	360	P	V
		5149.76	51.72	-2.28	54	40.16	32.5	12.75	33.69	183	360	A	V
	*	5180	116.1	-	-	104.47	32.56	12.81	33.74	183	360	P	V
	*	5180	109.92	-	-	98.29	32.56	12.81	33.74	183	360	A	V
													V
													V
802.11a CH 44 5220MHz		5145.6	55.35	-18.65	74	43.79	32.51	12.74	33.69	299	31	P	H
		5150	47.38	-6.62	54	35.82	32.5	12.75	33.69	299	31	A	H
	*	5220	113.32	-	-	101.64	32.6	12.88	33.8	299	31	P	H
	*	5220	107.48	-	-	95.8	32.6	12.88	33.8	299	31	A	H
		5350.8	48.86	-25.14	74	37.32	32.5	13.05	34.01	299	31	P	H
		5350.8	39.16	-14.84	54	27.62	32.5	13.05	34.01	299	31	A	H
		5147.94	62.57	-11.43	74	51.01	32.5	12.75	33.69	192	360	P	V
		5150	52.69	-1.31	54	41.13	32.5	12.75	33.69	192	360	A	V
	*	5220	118.95	-	-	107.27	32.6	12.88	33.8	192	360	P	V
	*	5220	112.87	-	-	101.19	32.6	12.88	33.8	192	360	A	V
		5351.64	50.52	-23.48	74	38.98	32.5	13.05	34.01	192	360	P	V
		5351.64	41.41	-12.59	54	29.87	32.5	13.05	34.01	192	360	A	V

WIFI Ant. 6+7	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		5149.76	56.44	-17.56	74	44.88	32.5	12.75	33.69	324	32	P	H
		5150	45.88	-8.12	54	34.32	32.5	12.75	33.69	324	32	A	H
	*	5240	113.93	-	-	102.26	32.6	12.9	33.83	324	32	P	H
	*	5240	107.91	-	-	96.24	32.6	12.9	33.83	324	32	A	H
		5363.68	50.16	-23.84	74	38.62	32.5	13.07	34.03	324	32	P	H
		5350.24	41.44	-12.56	54	29.9	32.5	13.05	34.01	324	32	A	H
		5150	60.27	-13.73	74	48.71	32.5	12.75	33.69	174	0	P	V
		5150	50.55	-3.45	54	38.99	32.5	12.75	33.69	174	0	A	V
	*	5240	117.99	-	-	106.32	32.6	12.9	33.83	174	0	P	V
	*	5240	112.71	-	-	101.04	32.6	12.9	33.83	174	0	A	V
		5353.88	55.18	-18.82	74	43.63	32.5	13.06	34.01	174	0	P	V
		5350.24	45.01	-8.99	54	33.47	32.5	13.05	34.01	174	0	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. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.48	-18.72	68.2	32.15	37.46	19.01	39.14	-	-	P	H
		15540	53.85	-20.15	74	33.45	41.26	23.44	44.3	-	-	P	H
		15540	43.97	-10.03	54	23.57	41.26	23.44	44.3	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	48.76	-19.44	68.2	31.43	37.46	19.01	39.14	-	-	P	V
		15540	53.91	-20.09	74	33.51	41.26	23.44	44.3	-	-	P	V
		15540	44.08	-9.92	54	23.68	41.26	23.44	44.3	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	49.16	-19.04	68.2	32.09	37.22	19.1	39.25	-	-	P	H
		15660	55.51	-18.49	74	35.26	41.22	23.55	44.52	-	-	P	H
		15660	44.37	-9.63	54	24.12	41.22	23.55	44.52	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz		10440	49.68	-18.52	68.2	32.61	37.22	19.1	39.25	-	-	P	V
		15660	53.36	-20.64	74	33.11	41.22	23.55	44.52	-	-	P	V
		15660	43.58	-10.42	54	23.33	41.22	23.55	44.52	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	49.64	-18.56	68.2	32.6	37.2	19.14	39.3	-	-	P	H
		15720	58.86	-15.14	74	38.51	41.38	23.6	44.63	100	32	P	H
		15720	48.62	-5.38	54	28.27	41.38	23.6	44.63	100	32	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz		10480	48.67	-19.53	68.2	31.63	37.2	19.14	39.3	-	-	P	V
		15720	57.44	-16.56	74	37.09	41.38	23.6	44.63	400	309	P	V
		15720	46.36	-7.64	54	26.01	41.38	23.6	44.63	400	309	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 6+7	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 VHT40 CH 38 5190MHz		5149.76	54.86	-19.14	74	43.3	32.5	12.75	33.69	299	44	P	H
		5150	45.8	-8.2	54	34.24	32.5	12.75	33.69	299	44	A	H
	*	5190	105.79	-	-	94.14	32.58	12.83	33.76	299	44	P	H
	*	5190	98.68	-	-	87.03	32.58	12.83	33.76	299	44	A	H
		5425.84	49.19	-24.81	74	37.61	32.55	13.15	34.12	299	44	P	H
		5456.92	38.85	-15.15	54	27.19	32.64	13.19	34.17	299	44	A	H
		5150	61.74	-12.26	74	50.18	32.5	12.75	33.69	205	0	P	V
		5150	51.4	-2.6	54	39.84	32.5	12.75	33.69	205	0	A	V
	*	5190	112.26	-	-	100.61	32.58	12.83	33.76	205	0	P	V
	*	5190	104.58	-	-	92.93	32.58	12.83	33.76	205	0	A	V
		5428.08	50.18	-23.82	74	38.59	32.56	13.16	34.13	205	0	P	V
		5350.24	39.88	-14.12	54	28.34	32.5	13.05	34.01	205	0	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	49.14	-19.06	68.2	31.9	37.38	19.03	39.17	-	-	P	H
		15570	53.09	-20.91	74	32.77	41.2	23.47	44.35	-	-	P	H
		15570	44.24	-9.76	54	23.92	41.2	23.47	44.35	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 38		10380	48.59	-19.61	68.2	31.35	37.38	19.03	39.17	-	-	P	V
5190MHz		15570	52.99	-21.01	74	32.67	41.2	23.47	44.35	-	-	P	V
		15570	44.28	-9.72	54	23.96	41.2	23.47	44.35	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 - 5150~5250MHz

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

WIFI Ant. 6+7	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)
		5148.98	55.09	-18.91	74	43.53	32.5	12.75	33.69	298	30	P	H
		5147.68	45.55	-8.45	54	33.99	32.5	12.75	33.69	298	30	A	H
	*	5180	110.96	-	-	99.33	32.56	12.81	33.74	298	30	P	H
	*	5180	103.15	-	-	91.52	32.56	12.81	33.74	298	30	A	H
802.11ax													H
HE20 Full													H
CH 36		5147.94	59.77	-14.23	74	48.21	32.5	12.75	33.69	188	360	P	V
5180MHz		5150	52	-2	54	40.44	32.5	12.75	33.69	188	360	A	V
	*	5180	115.86	-	-	104.23	32.56	12.81	33.74	188	360	P	V
	*	5180	108.86	-	-	97.23	32.56	12.81	33.74	188	360	A	V
													V
													V
		5149.76	57.25	-16.75	74	45.69	32.5	12.75	33.69	305	40	P	H
		5149.5	45.82	-8.18	54	34.26	32.5	12.75	33.69	305	40	A	H
	*	5220	113.22	-	-	101.54	32.6	12.88	33.8	305	40	P	H
	*	5220	105.81	-	-	94.13	32.6	12.88	33.8	305	40	A	H
802.11ax		5351.64	48.84	-25.16	74	37.3	32.5	13.05	34.01	305	40	P	H
HE20 Full		5350	39.41	-14.59	54	27.87	32.5	13.05	34.01	305	40	A	H
CH 44		5150	63.63	-10.37	74	52.07	32.5	12.75	33.69	184	360	P	V
5220MHz		5149.5	51.73	-2.27	54	40.17	32.5	12.75	33.69	184	360	A	V
	*	5220	117.85	-	-	106.17	32.6	12.88	33.8	184	360	P	V
	*	5220	111.24	-	-	99.56	32.6	12.88	33.8	184	360	A	V
		5351.08	52.32	-21.68	74	40.78	32.5	13.05	34.01	184	360	P	V
		5352.2	41.95	-12.05	54	30.4	32.5	13.06	34.01	184	360	A	V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.56	60.64	-13.36	74	49.08	32.51	12.74	33.69	310	39	P	H
		5148.98	44.53	-9.47	54	32.97	32.5	12.75	33.69	310	39	A	H
	*	5240	114.06	-	-	102.39	32.6	12.9	33.83	310	39	P	H
	*	5240	106.81	-	-	95.14	32.6	12.9	33.83	310	39	A	H
802.11ax		5364.8	57.47	-16.53	74	45.93	32.5	13.07	34.03	310	39	P	H
HE20 Full		5350	41.39	-12.61	54	29.85	32.5	13.05	34.01	310	39	A	H
CH 48		5146.12	65.07	-8.93	74	53.51	32.51	12.74	33.69	190	15	P	V
5240MHz		5150	49.91	-4.09	54	38.35	32.5	12.75	33.69	190	15	A	V
	*	5240	118.65	-	-	106.98	32.6	12.9	33.83	190	15	P	V
	*	5240	111.79	-	-	100.12	32.6	12.9	33.83	190	15	A	V
		5359.48	61.41	-12.59	74	49.86	32.5	13.07	34.02	190	15	P	V
		5350	45.76	-8.24	54	34.22	32.5	13.05	34.01	190	15	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.59	-18.61	68.2	32.26	37.46	19.01	39.14	-	-	P	H
		15540	53.02	-20.98	74	32.62	41.26	23.44	44.3	-	-	P	H
		15540	43.97	-10.03	54	23.57	41.26	23.44	44.3	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 36		10360	49.02	-19.18	68.2	31.69	37.46	19.01	39.14	-	-	P	V
5180MHz		15540	53.34	-20.66	74	32.94	41.26	23.44	44.3	-	-	P	V
		15540	43.72	-10.28	54	23.32	41.26	23.44	44.3	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	49.12	-19.08	68.2	32.05	37.22	19.1	39.25	-	-	P	H
		15660	57.55	-16.45	74	37.3	41.22	23.55	44.52	100	45	P	H
		15660	46.58	-7.42	54	26.33	41.22	23.55	44.52	100	45	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 44		10440	48.72	-19.48	68.2	31.65	37.22	19.1	39.25	-	-	P	V
5220MHz		15660	55.52	-18.48	74	35.27	41.22	23.55	44.52	400	304	P	V
		15660	44.77	-9.23	54	24.52	41.22	23.55	44.52	400	304	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	49.52	-18.68	68.2	32.48	37.2	19.14	39.3	-	-	P	H
		15720	58.96	-15.04	74	38.61	41.38	23.6	44.63	100	47	P	H
		15720	47.23	-6.77	54	26.88	41.38	23.6	44.63	100	47	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 48		10480	49.53	-18.67	68.2	32.49	37.2	19.14	39.3	-	-	P	V
5240MHz		15720	56.58	-17.42	74	36.23	41.38	23.6	44.63	400	335	P	V
		15720	45.74	-8.26	54	25.39	41.38	23.6	44.63	400	335	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 6+7	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)
		5143.26	65.37	-8.63	74	53.8	32.51	12.74	33.68	372	21	P	H
		5143.52	44.32	-9.68	54	32.75	32.51	12.74	33.68	372	21	A	H
	*	5180	110	-	-	98.37	32.56	12.81	33.74	372	21	P	H
802.11ax	*	5180	103.07	-	-	91.44	32.56	12.81	33.74	372	21	A	H
HE20													H
Partial													H
106/53		5144.82	71.94	-2.06	74	60.38	32.51	12.74	33.69	182	0	P	V
CH 36		5150	49.18	-4.82	54	37.62	32.5	12.75	33.69	182	0	A	V
5180MHz	*	5180	114.88	-	-	103.25	32.56	12.81	33.74	182	0	P	V
	*	5180	108.83	-	-	97.2	32.56	12.81	33.74	182	0	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. 6+7	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)
		5150	57.05	-16.95	74	45.49	32.5	12.75	33.69	285	31	P	H
		5150	46.52	-7.48	54	34.96	32.5	12.75	33.69	285	31	A	H
	*	5190	106.24	-	-	94.59	32.58	12.83	33.76	285	31	P	H
	*	5190	98.86	-	-	87.21	32.58	12.83	33.76	285	31	A	H
802.11ax		5412.12	48.02	-25.98	74	36.46	32.52	13.14	34.1	285	31	P	H
HE40 Full		5459.44	38.61	-15.39	54	26.94	32.66	13.19	34.18	285	31	A	H
CH 38		5150	59.91	-14.09	74	48.35	32.5	12.75	33.69	194	360	P	V
5190MHz		5150	52.48	-1.52	54	40.92	32.5	12.75	33.69	194	360	A	V
	*	5190	111.07	-	-	99.42	32.58	12.83	33.76	194	360	P	V
	*	5190	104.23	-	-	92.58	32.58	12.83	33.76	194	360	A	V
		5390	50.31	-23.69	74	38.77	32.5	13.11	34.07	194	360	P	V
		5351.08	39.62	-14.38	54	28.08	32.5	13.05	34.01	194	360	A	V
		5148.2	59.05	-14.95	74	47.49	32.5	12.75	33.69	328	36	P	H
		5149.76	47.58	-6.42	54	36.02	32.5	12.75	33.69	328	36	A	H
	*	5230	110.2	-	-	98.53	32.6	12.89	33.82	328	36	P	H
	*	5230	102.34	-	-	90.67	32.6	12.89	33.82	328	36	A	H
802.11ax		5350	54.02	-19.98	74	42.48	32.5	13.05	34.01	328	36	P	H
HE40 Full		5350	41.75	-12.25	54	30.21	32.5	13.05	34.01	328	36	A	H
CH 46		5148.98	62.7	-11.3	74	51.14	32.5	12.75	33.69	185	360	P	V
5230MHz		5150	52.58	-1.42	54	41.02	32.5	12.75	33.69	185	360	A	V
	*	5230	116.25	-	-	104.58	32.6	12.89	33.82	185	360	P	V
	*	5230	107.31	-	-	95.64	32.6	12.89	33.82	185	360	A	V
		5369.84	56.42	-17.58	74	44.88	32.5	13.08	34.04	185	360	P	V
		5350.24	45.58	-8.42	54	34.04	32.5	13.05	34.01	185	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	49.11	-19.09	68.2	31.87	37.38	19.03	39.17	-	-	P	H
		15570	52.77	-21.23	74	32.45	41.2	23.47	44.35	-	-	P	H
		15570	43.43	-10.57	54	23.11	41.2	23.47	44.35	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 38		10380	49.34	-18.86	68.2	32.1	37.38	19.03	39.17	-	-	P	V
5190MHz		15570	52.43	-21.57	74	32.11	41.2	23.47	44.35	-	-	P	V
		15570	43.68	-10.32	54	23.36	41.2	23.47	44.35	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10460	48.53	-19.67	68.2	31.49	37.2	19.12	39.28	-	-	P	H
		15690	54.33	-19.67	74	34.06	41.28	23.57	44.58	-	-	P	H
		15690	44.39	-9.61	54	24.12	41.28	23.57	44.58	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 46		10460	49.31	-18.89	68.2	32.27	37.2	19.12	39.28	-	-	P	V
5230MHz		15690	53.42	-20.58	74	33.15	41.28	23.57	44.58	-	-	P	V
		15690	43.84	-10.16	54	23.57	41.28	23.57	44.58	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/61 CH 38 5190MHz		5140.14	63.77	-10.23	74	52.2	32.52	12.73	33.68	300	36	P	H
		5150	42.14	-11.86	54	30.58	32.5	12.75	33.69	300	36	A	H
	*	5190	106.66	-	-	95.01	32.58	12.83	33.76	300	36	P	H
	*	5190	99.21	-	-	87.56	32.58	12.83	33.76	300	36	A	H
		5371.52	49.23	-24.77	74	37.69	32.5	13.08	34.04	300	36	P	H
		5455.52	38.63	-15.37	54	26.98	32.63	13.19	34.17	300	36	A	H
		5140.4	70.3	-3.7	74	58.73	32.52	12.73	33.68	194	0	P	V
		5150	49.23	-4.77	54	37.67	32.5	12.75	33.69	194	0	A	V
	*	5190	113.74	-	-	102.09	32.58	12.83	33.76	194	0	P	V
	*	5190	105.3	-	-	93.65	32.58	12.83	33.76	194	0	A	V
		5375.44	49.8	-24.2	74	38.26	32.5	13.09	34.05	194	0	P	V
		5350	39.48	-14.52	54	27.94	32.5	13.05	34.01	194	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 6+7	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		5141.18	56.81	-17.19	74	45.24	32.52	12.73	33.68	279	33	P	H
		5150	46.37	-7.63	54	34.81	32.5	12.75	33.69	279	33	A	H
	*	5210	105.12	-	-	93.45	32.6	12.86	33.79	279	33	P	H
	*	5210	96.35	-	-	84.68	32.6	12.86	33.79	279	33	A	H
		5358.08	50.1	-23.9	74	38.56	32.5	13.06	34.02	279	33	P	H
		5350	41.47	-12.53	54	29.93	32.5	13.05	34.01	279	33	A	H
		5141.18	60.9	-13.1	74	49.33	32.52	12.73	33.68	176	360	P	V
		5150	52.31	-1.69	54	40.75	32.5	12.75	33.69	176	360	A	V
	*	5210	108.96	-	-	97.29	32.6	12.86	33.79	176	360	P	V
	*	5210	101.36	-	-	89.69	32.6	12.86	33.79	176	360	A	V
		5350.52	52.55	-21.45	74	41.01	32.5	13.05	34.01	176	360	P	V
		5350	44.24	-9.76	54	32.7	32.5	13.05	34.01	176	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	48.81	-19.39	68.2	31.7	37.26	19.07	39.22	-	-	P	H
		15630	53.57	-20.43	74	33.31	41.2	23.52	44.46	-	-	P	H
		15630	43.87	-10.13	54	23.61	41.2	23.52	44.46	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 42		10420	48.6	-19.6	68.2	31.49	37.26	19.07	39.22	-	-	P	V
5210MHz		15630	53	-21	74	32.74	41.2	23.52	44.46	-	-	P	V
		15630	44.05	-9.95	54	23.79	41.2	23.52	44.46	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/65 CH 42 5210MHz		5147.42	64.28	-9.72	74	52.72	32.51	12.74	33.69	296	35	P	H
		5149.76	43.56	-10.44	54	32	32.5	12.75	33.69	296	35	A	H
	*	5210	106.53	-	-	94.86	32.6	12.86	33.79	296	35	P	H
	*	5210	96.87	-	-	85.2	32.6	12.86	33.79	296	35	A	H
		5350.54	53.16	-20.84	74	41.62	32.5	13.05	34.01	296	35	P	H
		5351.06	39.04	-14.96	54	27.5	32.5	13.05	34.01	296	35	A	H
		5147.68	70.93	-3.07	74	59.37	32.5	12.75	33.69	197	0	P	V
		5149.5	49.19	-4.81	54	37.63	32.5	12.75	33.69	197	0	A	V
	*	5210	109.94	-	-	98.27	32.6	12.86	33.79	197	0	P	V
	*	5210	102.64	-	-	90.97	32.6	12.86	33.79	197	0	A	V
		5360.16	59.34	-14.66	74	47.79	32.5	13.07	34.02	197	0	P	V
		5350.8	41.45	-12.55	54	29.91	32.5	13.05	34.01	197	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5136.68	54.35	-19.65	74	42.77	32.53	12.72	33.67	184	41	P	H
		5085.68	44.76	-9.24	54	33.16	32.57	12.62	33.59	184	41	A	H
	*	5250	101.03	-	-	89.36	32.6	12.92	33.85	184	41	P	H
	*	5250	92.7	-	-	81.03	32.6	12.92	33.85	184	41	A	H
		5390.88	56.91	-17.09	74	45.37	32.5	13.11	34.07	184	41	P	H
		5381.04	48.55	-5.45	54	37.01	32.5	13.09	34.05	184	41	A	H
		5094.18	60.85	-13.15	74	49.23	32.59	12.64	33.61	200	356	P	V
		5087.72	49.52	-4.48	54	37.91	32.58	12.63	33.6	200	356	A	V
	*	5250	104.6	-	-	92.93	32.6	12.92	33.85	200	356	P	V
	*	5250	96.55	-	-	84.88	32.6	12.92	33.85	200	356	A	V
		5381.52	60.67	-13.33	74	49.13	32.5	13.1	34.06	200	356	P	V
		5382.48	51.36	-2.64	54	39.82	32.5	13.1	34.06	200	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10500	48.89	-19.31	68.2	31.86	37.2	19.16	39.33	-	-	P	H
		15750	53.17	-20.83	74	32.74	41.5	23.62	44.69	-	-	P	H
		15750	44.35	-9.65	54	23.92	41.5	23.62	44.69	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 50		10500	48.44	-19.76	68.2	31.41	37.2	19.16	39.33	-	-	P	V
5250MHz		15750	53.82	-20.18	74	33.39	41.5	23.62	44.69	-	-	P	V
		15750	44.27	-9.73	54	23.84	41.5	23.62	44.69	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant. 6+7	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)
		5137.54	65.62	-8.38	74	54.04	32.52	12.73	33.67	263	29	P	H
		5148.2	45.48	-8.52	54	33.92	32.5	12.75	33.69	263	29	A	H
	*	5250	101.26	-	-	89.59	32.6	12.92	33.85	263	29	P	H
802.11ax	*	5250	93.23	-	-	81.56	32.6	12.92	33.85	263	29	A	H
HE160		5396.04	64.83	-9.17	74	53.3	32.5	13.11	34.08	263	29	P	H
Partial		5396.04	45.21	-8.79	54	33.68	32.5	13.11	34.08	263	29	A	H
996/67		5133.64	70.09	-3.91	74	58.51	32.53	12.72	33.67	191	0	P	V
CH 50		5148.2	51.36	-2.64	54	39.8	32.5	12.75	33.69	191	0	A	V
5250MHz	*	5250	107.94	-	-	96.27	32.6	12.92	33.85	191	0	P	V
	*	5250	98.79	-	-	87.12	32.6	12.92	33.85	191	0	A	V
		5401.24	70.27	-3.73	74	58.74	32.5	13.12	34.09	191	0	P	V
		5396.04	49.86	-4.14	54	38.33	32.5	13.11	34.08	191	0	A	V
		5108.12	57.08	-16.92	74	45.46	32.58	12.67	33.63	128	34	P	H
		5117.64	42.23	-11.77	54	30.62	32.56	12.69	33.64	128	34	A	H
	*	5250	102.19	-	-	90.52	32.6	12.92	33.85	128	34	P	H
802.11ax	*	5250	94.1	-	-	82.43	32.6	12.92	33.85	128	34	A	H
HE160		5405.76	65.33	-8.67	74	53.78	32.51	13.13	34.09	128	34	P	H
Partial		5396.16	46.7	-7.3	54	35.17	32.5	13.11	34.08	128	34	A	H
996/S67		5079.22	61.35	-12.65	74	49.76	32.56	12.61	33.58	310	352	P	V
CH 50		5093.84	43.93	-10.07	54	32.31	32.59	12.64	33.61	310	352	A	V
5250MHz	*	5250	105.03	-	-	93.36	32.6	12.92	33.85	310	352	P	V
	*	5250	96.27	-	-	84.6	32.6	12.92	33.85	310	352	A	V
		5397.36	70.81	-3.19	74	59.27	32.5	13.12	34.08	310	352	P	V
		5397.36	48.89	-5.11	54	37.35	32.5	13.12	34.08	310	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 6+7	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		5144.84	51.85	-22.15	74	40.29	32.51	12.74	33.69	173	28	P	H
		5149.6	41.47	-12.53	54	29.91	32.5	12.75	33.69	173	28	A	H
	*	5260	115.52	-	-	103.88	32.58	12.93	33.87	173	28	P	H
	*	5260	108.71	-	-	97.07	32.58	12.93	33.87	173	28	A	H
		5351.04	56.62	-17.38	74	45.08	32.5	13.05	34.01	173	28	P	H
		5350.08	45.75	-8.25	54	34.21	32.5	13.05	34.01	173	28	A	H
		5148.24	54.36	-19.64	74	42.8	32.5	12.75	33.69	100	50	P	V
		5149.94	44.14	-9.86	54	32.58	32.5	12.75	33.69	100	50	A	V
	*	5260	118.88	-	-	107.24	32.58	12.93	33.87	100	50	P	V
	*	5260	111.33	-	-	99.69	32.58	12.93	33.87	100	50	A	V
		5355.12	58.94	-15.06	74	47.39	32.5	13.06	34.01	100	50	P	V
		5350.56	47.93	-6.07	54	36.39	32.5	13.05	34.01	100	50	A	V
802.11a CH 60 5300MHz		5077.52	50.84	-23.16	74	39.25	32.56	12.61	33.58	175	33	P	H
		5091.8	40.72	-13.28	54	29.11	32.58	12.63	33.6	175	33	A	H
	*	5300	115.5	-	-	103.94	32.5	12.99	33.93	175	33	P	H
	*	5300	107.68	-	-	96.12	32.5	12.99	33.93	175	33	A	H
		5350.08	58.01	-15.99	74	46.47	32.5	13.05	34.01	175	33	P	H
		5350.08	49.35	-4.65	54	37.81	32.5	13.05	34.01	175	33	A	H
		5133.96	51.74	-22.26	74	40.16	32.53	12.72	33.67	200	1	P	V
		5144.5	41.33	-12.67	54	29.77	32.51	12.74	33.69	200	1	A	V
	*	5300	117.33	-	-	105.77	32.5	12.99	33.93	200	1	P	V
	*	5300	111.28	-	-	99.72	32.5	12.99	33.93	200	1	A	V
		5350.56	61.74	-12.26	74	50.2	32.5	13.05	34.01	200	1	P	V
		5350.08	52.88	-1.12	54	41.34	32.5	13.05	34.01	200	1	A	V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	113.26	-	-	101.71	32.5	13.01	33.96	168	35	P	H
	*	5320	106.37	-	-	94.82	32.5	13.01	33.96	168	35	A	H
		5354.72	58.01	-15.99	74	46.46	32.5	13.06	34.01	168	35	P	H
		5350.08	48.29	-5.71	54	36.75	32.5	13.05	34.01	168	35	A	H
													H
													H
	*	5320	116.07	-	-	104.52	32.5	13.01	33.96	200	0	P	V
	*	5320	109.54	-	-	97.99	32.5	13.01	33.96	200	0	A	V
		5350.08	60.07	-13.93	74	48.53	32.5	13.05	34.01	200	0	P	V
		5350.08	51.62	-2.38	54	40.08	32.5	13.05	34.01	200	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.69	-19.51	68.2	31.62	37.24	19.17	39.34	-	-	P	H
		15780	59.98	-14.02	74	39.58	41.5	23.65	44.75	200	20	P	H
		15780	49.89	-4.11	54	29.49	41.5	23.65	44.75	200	20	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	48.64	-19.56	68.2	31.57	37.24	19.17	39.34	-	-	P	V
		15780	55.74	-18.26	74	35.34	41.5	23.65	44.75	106	25	P	V
		15780	47.38	-6.62	54	26.98	41.5	23.65	44.75	106	25	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	50.12	-23.88	74	32.86	37.4	19.25	39.39	-	-	P	H
		10600	40.75	-13.25	54	23.49	37.4	19.25	39.39	-	-	A	H
		15900	61.55	-12.45	74	41.47	41.3	23.75	44.97	100	45	P	H
		15900	50.54	-3.46	54	30.46	41.3	23.75	44.97	100	45	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz		10600	49.78	-24.22	74	32.52	37.4	19.25	39.39	-	-	P	V
		10600	40.53	-13.47	54	23.27	37.4	19.25	39.39	-	-	A	V
		15900	57.91	-16.09	74	37.83	41.3	23.75	44.97	400	314	P	V
		15900	47.3	-6.7	54	27.22	41.3	23.75	44.97	400	314	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	49.7	-24.3	74	32.35	37.48	19.29	39.42	-	-	P	H
		10640	41	-13	54	23.65	37.48	19.29	39.42	-	-	A	H
		15960	54.16	-19.84	74	34.21	41.22	23.81	45.08	-	-	P	H
		15960	44.3	-9.7	54	24.35	41.22	23.81	45.08	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz		10640	49.89	-24.11	74	32.54	37.48	19.29	39.42	-	-	P	V
		10640	40.69	-13.31	54	23.34	37.48	19.29	39.42	-	-	A	V
		15960	53.6	-20.4	74	33.65	41.22	23.81	45.08	-	-	P	V
		15960	44.06	-9.94	54	24.11	41.22	23.81	45.08	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 6+7	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		5030.94	51.11	-22.89	74	39.53	32.58	12.51	33.51	126	25	P	H
		5149.94	41.78	-12.22	54	30.22	32.5	12.75	33.69	126	25	A	H
	*	5290	105.69	-	-	94.11	32.52	12.97	33.91	126	25	P	H
	*	5290	97.71	-	-	86.13	32.52	12.97	33.91	126	25	A	H
		5360.16	59.46	-14.54	74	47.91	32.5	13.07	34.02	126	25	P	H
		5350.08	48.64	-5.36	54	37.1	32.5	13.05	34.01	126	25	A	H
		5118.66	52.25	-21.75	74	40.65	32.56	12.69	33.65	188	360	P	V
		5149.94	43.98	-10.02	54	32.42	32.5	12.75	33.69	188	360	A	V
	*	5290	108.3	-	-	96.72	32.52	12.97	33.91	188	360	P	V
	*	5290	100.47	-	-	88.89	32.52	12.97	33.91	188	360	A	V
		5369.28	59.42	-14.58	74	47.88	32.5	13.08	34.04	188	360	P	V
		5350.08	51.22	-2.78	54	39.68	32.5	13.05	34.01	188	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	49.59	-18.61	68.2	32.38	37.36	19.23	39.38	-	-	P	H
		15870	53.58	-20.42	74	33.41	41.36	23.73	44.92	-	-	P	H
		15870	44.25	-9.75	54	24.08	41.36	23.73	44.92	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 58		10580	48.86	-19.34	68.2	31.65	37.36	19.23	39.38	-	-	P	V
5290MHz		15870	53.08	-20.92	74	32.91	41.36	23.73	44.92	-	-	P	V
		15870	44.28	-9.72	54	24.11	41.36	23.73	44.92	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 6+7	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)
		5148.92	53.31	-20.69	74	41.75	32.5	12.75	33.69	174	35	P	H
		5149.94	42.61	-11.39	54	31.05	32.5	12.75	33.69	174	35	A	H
	*	5260	116.96	-	-	105.32	32.58	12.93	33.87	174	35	P	H
	*	5260	109.42	-	-	97.78	32.58	12.93	33.87	174	35	A	H
802.11ax		5352.48	61.8	-12.2	74	50.25	32.5	13.06	34.01	174	35	P	H
HE20 Full		5350.08	48.58	-5.42	54	37.04	32.5	13.05	34.01	174	35	A	H
CH 52		5149.94	59.49	-14.51	74	47.93	32.5	12.75	33.69	200	0	P	V
5260MHz		5149.94	46.9	-7.1	54	35.34	32.5	12.75	33.69	200	0	A	V
	*	5260	120.27	-	-	108.63	32.58	12.93	33.87	200	0	P	V
	*	5260	113.38	-	-	101.74	32.58	12.93	33.87	200	0	A	V
		5353.2	62.1	-11.9	74	50.55	32.5	13.06	34.01	200	0	P	V
		5350.08	51.41	-2.59	54	39.87	32.5	13.05	34.01	200	0	A	V
		5032.98	51.21	-22.79	74	39.63	32.57	12.52	33.51	175	33	P	H
		5093.84	40.66	-13.34	54	29.04	32.59	12.64	33.61	175	33	A	H
	*	5300	114.2	-	-	102.64	32.5	12.99	33.93	175	33	P	H
	*	5300	107	-	-	95.44	32.5	12.99	33.93	175	33	A	H
802.11ax		5352.96	53.23	-20.77	74	41.68	32.5	13.06	34.01	175	33	P	H
HE20 Full		5350.08	44.73	-9.27	54	33.19	32.5	13.05	34.01	175	33	A	H
CH 60		5076.16	51.15	-22.85	74	39.58	32.55	12.6	33.58	174	360	P	V
5300MHz		5059.16	41.13	-12.87	54	29.59	32.52	12.57	33.55	174	360	A	V
	*	5300	118.5	-	-	106.94	32.5	12.99	33.93	174	360	P	V
	*	5300	110.44	-	-	98.88	32.5	12.99	33.93	174	360	A	V
		5360.4	58.56	-15.44	74	47.01	32.5	13.07	34.02	174	360	P	V
		5350.08	48.16	-5.84	54	36.62	32.5	13.05	34.01	174	360	A	V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	115.83	-	-	104.28	32.5	13.01	33.96	153	39	P	H
	*	5320	105.99	-	-	94.44	32.5	13.01	33.96	153	39	A	H
		5350.88	55.44	-18.56	74	43.9	32.5	13.05	34.01	153	39	P	H
		5350.08	46.84	-7.16	54	35.3	32.5	13.05	34.01	153	39	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	116.86	-	-	105.31	32.5	13.01	33.96	200	353	P	V
5320MHz	*	5320	109.58	-	-	98.03	32.5	13.01	33.96	200	353	A	V
		5351.2	59.25	-14.75	74	47.71	32.5	13.05	34.01	200	353	P	V
		5350.08	51.14	-2.86	54	39.6	32.5	13.05	34.01	200	353	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	49.03	-19.17	68.2	31.96	37.24	19.17	39.34	-	-	P	H
		15780	59.7	-14.3	74	39.3	41.5	23.65	44.75	201	19	P	H
		15780	49.95	-4.05	54	29.55	41.5	23.65	44.75	201	19	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 52		10520	48.77	-19.43	68.2	31.7	37.24	19.17	39.34	-	-	P	V
5260MHz		15780	55.98	-18.02	74	35.58	41.5	23.65	44.75	106	28	P	V
		15780	47.13	-6.87	54	26.73	41.5	23.65	44.75	106	28	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	49.51	-24.49	74	32.25	37.4	19.25	39.39	-	-	P	H
		10600	40.01	-13.99	54	22.75	37.4	19.25	39.39	-	-	A	H
		15900	54.05	-19.95	74	33.97	41.3	23.75	44.97	-	-	P	H
		15900	43.19	-10.81	54	23.11	41.3	23.75	44.97	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 60		10600	49.09	-24.91	74	31.83	37.4	19.25	39.39	-	-	P	V
5300MHz		10600	40.11	-13.89	54	22.85	37.4	19.25	39.39	-	-	A	V
		15900	53.85	-20.15	74	33.77	41.3	23.75	44.97	-	-	P	V
		15900	42.8	-11.2	54	22.72	41.3	23.75	44.97	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	50.12	-23.88	74	32.77	37.48	19.29	39.42	-	-	P	H
		10640	41	-13	54	23.65	37.48	19.29	39.42	-	-	A	H
		15960	54.14	-19.86	74	34.19	41.22	23.81	45.08	-	-	P	H
		15960	45.04	-8.96	54	25.09	41.22	23.81	45.08	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 64		10640	49.7	-24.3	74	32.35	37.48	19.29	39.42	-	-	P	V
5320MHz		10640	40.6	-13.4	54	23.25	37.48	19.29	39.42	-	-	A	V
		15960	52.96	-21.04	74	33.01	41.22	23.81	45.08	-	-	P	V
		15960	43.81	-10.19	54	23.86	41.22	23.81	45.08	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5320	112.9	-	-	101.35	32.5	13.01	33.96	258	35	P	H
	*	5320	105.32	-	-	93.77	32.5	13.01	33.96	258	35	A	H
		5350.08	65.85	-8.15	74	54.31	32.5	13.05	34.01	258	35	P	H
802.11ax		5350.08	45.38	-8.62	54	33.84	32.5	13.05	34.01	258	35	A	H
HE20													H
Partial													H
106/54	*	5320	116	-	-	104.45	32.5	13.01	33.96	187	0	P	V
CH 64	*	5320	109.15	-	-	97.6	32.5	13.01	33.96	187	0	A	V
5320MHz		5350.08	69.54	-4.46	74	58	32.5	13.05	34.01	187	0	P	V
		5350.08	50.2	-3.8	54	38.66	32.5	13.05	34.01	187	0	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. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5122.74	52.07	-21.93	74	40.47	32.55	12.7	33.65	194	31	P	H
		5149.94	42.04	-11.96	54	30.48	32.5	12.75	33.69	194	31	A	H
	*	5270	111.13	-	-	99.51	32.56	12.94	33.88	194	31	P	H
	*	5270	102.84	-	-	91.22	32.56	12.94	33.88	194	31	A	H
802.11ax		5350.08	59.45	-14.55	74	47.91	32.5	13.05	34.01	194	31	P	H
HE40 Full		5350.08	47.6	-6.4	54	36.06	32.5	13.05	34.01	194	31	A	H
CH 54		5148.92	56.72	-17.28	74	45.16	32.5	12.75	33.69	175	360	P	V
5270MHz		5149.94	45.52	-8.48	54	33.96	32.5	12.75	33.69	175	360	A	V
	*	5270	116.45	-	-	104.83	32.56	12.94	33.88	175	360	P	V
	*	5270	107.3	-	-	95.68	32.56	12.94	33.88	175	360	A	V
		5358.48	64.1	-9.9	74	52.56	32.5	13.06	34.02	175	360	P	V
		5350.08	51.5	-2.5	54	39.96	32.5	13.05	34.01	175	360	A	V
		5097.58	51.21	-22.79	74	39.57	32.6	12.65	33.61	159	30	P	H
		5106.08	40.82	-13.18	54	29.2	32.59	12.66	33.63	159	30	A	H
	*	5310	108.25	-	-	96.69	32.5	13	33.94	159	30	P	H
	*	5310	99.89	-	-	88.33	32.5	13	33.94	159	30	A	H
802.11ax		5350.08	56.06	-17.94	74	44.52	32.5	13.05	34.01	159	30	P	H
HE40 Full		5350.08	47.71	-6.29	54	36.17	32.5	13.05	34.01	159	30	A	H
CH 62		5115.94	51.18	-22.82	74	39.57	32.57	12.68	33.64	144	48	P	V
5310MHz		5149.6	41.4	-12.6	54	29.84	32.5	12.75	33.69	144	48	A	V
	*	5310	110.65	-	-	99.09	32.5	13	33.94	144	48	P	V
	*	5310	102.91	-	-	91.35	32.5	13	33.94	144	48	A	V
		5351.52	59.97	-14.03	74	48.43	32.5	13.05	34.01	144	48	P	V
		5351.04	50.8	-3.2	54	39.26	32.5	13.05	34.01	144	48	A	V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.29	-19.91	68.2	31.17	37.28	19.19	39.35	-	-	P	H
		15810	54.57	-19.43	74	34.21	41.48	23.68	44.8	-	-	P	H
		15810	43.46	-10.54	54	23.1	41.48	23.68	44.8	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 54		10540	49.41	-18.79	68.2	32.29	37.28	19.19	39.35	-	-	P	V
5270MHz		15810	53.39	-20.61	74	33.03	41.48	23.68	44.8	-	-	P	V
		15810	43.99	-10.01	54	23.63	41.48	23.68	44.8	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	49.9	-24.1	74	32.59	37.44	19.27	39.4	-	-	P	H
		10620	40.05	-13.95	54	22.74	37.44	19.27	39.4	-	-	A	H
		15930	54.04	-19.96	74	34.05	41.24	23.78	45.03	-	-	P	H
		15930	43.01	-10.99	54	23.02	41.24	23.78	45.03	-	-	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 62		10620	49.04	-24.96	74	31.73	37.44	19.27	39.4	-	-	P	V
5310MHz		10620	40.25	-13.75	54	22.94	37.44	19.27	39.4	-	-	A	V
		15930	54.45	-19.55	74	34.46	41.24	23.78	45.03	-	-	P	V
		15930	43.05	-10.95	54	23.06	41.24	23.78	45.03	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 62 5310MHz		5045.9	51.94	-22.06	74	40.41	32.52	12.54	33.53	284	35	P	H
		5119.68	40.61	-13.39	54	29.01	32.56	12.69	33.65	284	35	A	H
	*	5310	108.46	-	-	96.9	32.5	13	33.94	284	35	P	H
	*	5310	100.88	-	-	89.32	32.5	13	33.94	284	35	A	H
		5360.88	67.28	-6.72	74	55.73	32.5	13.07	34.02	284	35	P	H
		5350.08	45.87	-8.13	54	34.33	32.5	13.05	34.01	284	35	A	H
		5086.7	52.22	-21.78	74	40.63	32.57	12.62	33.6	186	0	P	V
		5149.26	41.3	-12.7	54	29.74	32.5	12.75	33.69	186	0	A	V
	*	5310	113.68	-	-	102.12	32.5	13	33.94	186	0	P	V
	*	5310	105.64	-	-	94.08	32.5	13	33.94	186	0	A	V
		5359.68	72.66	-1.34	74	61.11	32.5	13.07	34.02	186	0	P	V
		5350.08	51.35	-2.65	54	39.81	32.5	13.05	34.01	186	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 6+7	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		5139.5	52.01	-21.99	74	40.44	32.52	12.73	33.68	166	37	P	H
		5150	41.48	-12.52	54	29.92	32.5	12.75	33.69	166	37	A	H
	*	5290	104.74	-	-	93.16	32.52	12.97	33.91	166	37	P	H
	*	5290	96.88	-	-	85.3	32.52	12.97	33.91	166	37	A	H
		5368.32	57.2	-16.8	74	45.65	32.5	13.08	34.03	166	37	P	H
		5358.72	47.88	-6.12	54	36.34	32.5	13.06	34.02	166	37	A	H
		5144.9	54.35	-19.65	74	42.79	32.51	12.74	33.69	143	50	P	V
		5143.4	43.03	-10.97	54	31.46	32.51	12.74	33.68	143	50	A	V
	*	5290	107.05	-	-	95.47	32.52	12.97	33.91	143	50	P	V
	*	5290	98.95	-	-	87.37	32.52	12.97	33.91	143	50	A	V
		5350.32	61.58	-12.42	74	50.04	32.5	13.05	34.01	143	50	P	V
		5351.04	51.53	-2.47	54	39.99	32.5	13.05	34.01	143	50	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	48.98	-19.22	68.2	31.77	37.36	19.23	39.38	-	-	P	H
		15870	52.82	-21.18	74	32.65	41.36	23.73	44.92	-	-	P	H
		15870	43.63	-10.37	54	23.46	41.36	23.73	44.92	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 58		10580	49.26	-18.94	68.2	32.05	37.36	19.23	39.38	-	-	P	V
5290MHz		15870	53.05	-20.95	74	32.88	41.36	23.73	44.92	-	-	P	V
		15870	43.29	-10.71	54	23.12	41.36	23.73	44.92	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 58 5290MHz		5130.2	52.65	-21.35	74	41.06	32.54	12.71	33.66	335	33	P	H
		5129.6	41.05	-12.95	54	29.46	32.54	12.71	33.66	335	33	A	H
	*	5290	104.34	-	-	92.76	32.52	12.97	33.91	335	33	P	H
	*	5290	96.06	-	-	84.48	32.52	12.97	33.91	335	33	A	H
		5385.12	63.22	-10.78	74	51.68	32.5	13.1	34.06	335	33	P	H
		5380.08	45.42	-8.58	54	33.88	32.5	13.09	34.05	335	33	A	H
		5140.4	59.93	-14.07	74	48.36	32.52	12.73	33.68	185	0	P	V
		5150	43.19	-10.81	54	31.63	32.5	12.75	33.69	185	0	A	V
	*	5290	110.01	-	-	98.43	32.52	12.97	33.91	185	0	P	V
	*	5290	102.17	-	-	90.59	32.52	12.97	33.91	185	0	A	V
		5364.72	69.47	-4.53	74	57.93	32.5	13.07	34.03	185	0	P	V
		5350.08	51.15	-2.85	54	39.61	32.5	13.05	34.01	185	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 6+7	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		5458.96	57.97	-16.03	74	46.31	32.65	13.19	34.18	156	19	P	H
		5467.92	64.39	-3.81	68.2	52.67	32.71	13.2	34.19	156	19	P	H
		5460	49.04	-4.96	54	37.37	32.66	13.19	34.18	156	19	A	H
	*	5500	113.48	-	-	101.58	32.9	13.24	34.24	156	19	P	H
	*	5500	106.47	-	-	94.57	32.9	13.24	34.24	156	19	A	H
													H
		5457.84	60.51	-13.49	74	48.84	32.65	13.19	34.17	285	358	P	V
		5469.04	64.26	-3.94	68.2	52.53	32.71	13.21	34.19	285	358	P	V
		5459.6	49.83	-4.17	54	38.16	32.66	13.19	34.18	285	358	A	V
	*	5500	117.43	-	-	105.53	32.9	13.24	34.24	285	358	P	V
	*	5500	110.66	-	-	98.76	32.9	13.24	34.24	285	358	A	V
													V
802.11a CH 116 5580MHz		5458.96	51.08	-22.92	74	39.42	32.65	13.19	34.18	176	49	P	H
		5468.32	50.73	-17.47	68.2	39	32.71	13.21	34.19	176	49	P	H
		5459.92	41.5	-12.5	54	29.83	32.66	13.19	34.18	176	49	A	H
	*	5580	113.23	-	-	100.98	33.2	13.35	34.3	176	49	P	H
	*	5580	106.23	-	-	93.98	33.2	13.35	34.3	176	49	A	H
		5755.55	51.07	-17.13	68.2	37.9	34	13.6	34.43	176	49	P	H
		5457.04	54.41	-19.59	74	42.75	32.64	13.19	34.17	300	348	P	V
		5466.88	56.57	-11.63	68.2	44.86	32.7	13.2	34.19	300	348	P	V
		5457.52	45.28	-8.72	54	33.61	32.65	13.19	34.17	300	348	A	V
	*	5580	119.46	-	-	107.21	33.2	13.35	34.3	300	348	P	V
	*	5580	112.49	-	-	100.24	33.2	13.35	34.3	300	348	A	V
		5728.46	51.85	-16.35	68.2	38.83	33.87	13.56	34.41	300	348	P	V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	111.92	-	-	99.09	33.7	13.52	34.39	113	3	P	H
	*	5700	105.51	-	-	92.68	33.7	13.52	34.39	113	3	A	H
		5725.16	61.41	-6.79	68.2	48.41	33.85	13.56	34.41	113	3	P	H
													H
													H
													H
	*	5700	118.2	-	-	105.37	33.7	13.52	34.39	261	360	P	V
	*	5700	110.96	-	-	98.13	33.7	13.52	34.39	261	360	A	V
		5725.16	66.62	-1.58	68.2	53.62	33.85	13.56	34.41	261	360	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. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	50.39	-23.61	74	32.47	37.9	19.66	39.64	-	-	P	H
		11000	40.97	-13.03	54	23.05	37.9	19.66	39.64	-	-	A	H
		16500	56.52	-11.68	68.2	36.79	41.2	24.19	45.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	51.05	-22.95	74	33.13	37.9	19.66	39.64	-	-	P	V
		11000	40.84	-13.16	54	22.92	37.9	19.66	39.64	-	-	A	V
		16500	54.06	-14.14	68.2	34.33	41.2	24.19	45.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	53.39	-20.61	74	34.99	38.34	19.81	39.75	-	-	P	H
		11160	44.29	-9.71	54	25.89	38.34	19.81	39.75	-	-	A	H
		16740	64.99	-3.21	68.2	45.49	40.98	24.35	45.83	100	47	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	52.21	-21.79	74	33.81	38.34	19.81	39.75	-	-	P	V
		11160	43.11	-10.89	54	24.71	38.34	19.81	39.75	-	-	A	V
		16746	61.66	-6.54	68.2	42.15	40.99	24.36	45.84	359	331	P	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	52.18	-21.82	74	33.05	39	20.04	39.91	-	-	P	H
		11400	42.08	-11.92	54	22.95	39	20.04	39.91	-	-	A	H
		17100	52.94	-15.26	68.2	33.76	40.7	24.61	46.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 140 5700MHz													H
		11400	51.28	-22.72	74	32.15	39	20.04	39.91	-	-	P	V
		11400	41.9	-12.1	54	22.77	39	20.04	39.91	-	-	A	V
		17100	53.34	-14.86	68.2	34.16	40.7	24.61	46.13	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 6+7	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 122 5610MHz		5459.2	51.92	-22.08	74	40.25	32.66	13.19	34.18	128	360	P	H
		5469.76	51.62	-16.58	68.2	39.88	32.72	13.21	34.19	128	360	P	H
		5458.96	41.75	-12.25	54	30.09	32.65	13.19	34.18	128	360	A	H
	*	5610	106.38	-	-	94.05	33.26	13.39	34.32	128	360	P	H
	*	5610	98.38	-	-	86.05	33.26	13.39	34.32	128	360	A	H
		5725	60.51	-7.69	68.2	47.51	33.85	13.56	34.41	128	360	P	H
		5450.08	58.58	-15.42	74	46.96	32.6	13.18	34.16	237	352	P	V
		5469.52	59.95	-8.25	68.2	48.21	32.72	13.21	34.19	237	352	P	V
		5459.92	47.72	-6.28	54	36.05	32.66	13.19	34.18	237	352	A	V
	*	5610	112.26	-	-	99.93	33.26	13.39	34.32	237	352	P	V
	*	5610	104.69	-	-	92.36	33.26	13.39	34.32	237	352	A	V
		5729.405	65.28	-2.92	68.2	52.25	33.88	13.56	34.41	237	352	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11220	50.18	-23.82	74	31.52	38.58	19.87	39.79	-	-	P	H
		11220	41.28	-12.72	54	22.62	38.58	19.87	39.79	-	-	A	H
		16830	53.42	-14.78	68.2	33.81	41.1	24.41	45.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT80													H
CH 122		11220	50.76	-23.24	74	32.1	38.58	19.87	39.79	-	-	P	V
5610MHz		11220	41.2	-12.8	54	22.54	38.58	19.87	39.79	-	-	A	V
		16830	53.85	-14.35	68.2	34.24	41.1	24.41	45.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	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)
		5458.96	52.78	-21.22	74	41.12	32.65	13.19	34.18	303	17	P	H
		5469.84	55.65	-12.55	68.2	43.91	32.72	13.21	34.19	303	17	P	H
		5460	45.04	-8.96	54	33.37	32.66	13.19	34.18	303	17	A	H
	*	5500	111.39	-	-	99.49	32.9	13.24	34.24	303	17	P	H
802.11ax	*	5500	104.91	-	-	93.01	32.9	13.24	34.24	303	17	A	H
HE20 Full		5459.6	57.16	-16.84	74	45.49	32.66	13.19	34.18	284	353	P	V
CH 100		5470	62.22	-5.98	68.2	50.48	32.72	13.21	34.19	284	353	P	V
5500MHz		5460	48.79	-5.21	54	37.12	32.66	13.19	34.18	284	353	A	V
	*	5500	116.41	-	-	104.51	32.9	13.24	34.24	284	353	P	V
	*	5500	109.79	-	-	97.89	32.9	13.24	34.24	284	353	A	V
													V
													V
		5456.08	55.5	-18.5	74	43.84	32.64	13.19	34.17	135	16	P	H
		5469.76	57.33	-10.87	68.2	45.59	32.72	13.21	34.19	135	16	P	H
		5456.32	41.23	-12.77	54	29.57	32.64	13.19	34.17	135	16	A	H
	*	5580	114.69	-	-	102.44	33.2	13.35	34.3	135	16	P	H
802.11ax	*	5580	107.64	-	-	95.39	33.2	13.35	34.3	135	16	A	H
HE20 Full		5732.555	54.39	-13.81	68.2	41.34	33.9	13.57	34.42	135	16	P	H
CH 116		5459.92	58.81	-15.19	74	47.14	32.66	13.19	34.18	262	0	P	V
5580MHz		5466.4	61.39	-6.81	68.2	49.68	32.7	13.2	34.19	262	0	P	V
		5459.2	45.61	-8.39	54	33.94	32.66	13.19	34.18	262	0	A	V
	*	5580	120.72	-	-	108.47	33.2	13.35	34.3	262	0	P	V
	*	5580	113.19	-	-	100.94	33.2	13.35	34.3	262	0	A	V
		5729.405	55.19	-13.01	68.2	42.16	33.88	13.56	34.41	262	0	P	V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5700	113.4	-	-	100.57	33.7	13.52	34.39	114	3	P	H
	*	5700	105.21	-	-	92.38	33.7	13.52	34.39	114	3	A	H
		5728.84	58.34	-9.86	68.2	45.32	33.87	13.56	34.41	114	3	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	118.08	-	-	105.25	33.7	13.52	34.39	272	360	P	V
5700MHz	*	5700	110.26	-	-	97.43	33.7	13.52	34.39	272	360	A	V
		5726.44	65	-3.2	68.2	51.99	33.86	13.56	34.41	272	360	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.61	-24.39	74	31.69	37.9	19.66	39.64	-	-	P	H
		11000	41.35	-12.65	54	23.43	37.9	19.66	39.64	-	-	A	H
		16500	56.27	-11.93	68.2	36.54	41.2	24.19	45.66	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 100		11000	50.32	-23.68	74	32.4	37.9	19.66	39.64	-	-	P	V
5500MHz		11000	40.8	-13.2	54	22.88	37.9	19.66	39.64	-	-	A	V
		16500	54.19	-14.01	68.2	34.46	41.2	24.19	45.66	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	51.25	-22.75	74	32.85	38.34	19.81	39.75	-	-	P	H
		11160	42.06	-11.94	54	23.66	38.34	19.81	39.75	-	-	A	H
		16740	59.97	-8.23	68.2	40.47	40.98	24.35	45.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 116		11160	51.8	-22.2	74	33.4	38.34	19.81	39.75	-	-	P	V
5580MHz		11160	41.63	-12.37	54	23.23	38.34	19.81	39.75	-	-	A	V
		16740	56.09	-12.11	68.2	36.59	40.98	24.35	45.83	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	51.27	-22.73	74	32.14	39	20.04	39.91	-	-	P	H
		11400	42.13	-11.87	54	23	39	20.04	39.91	-	-	A	H
		17100	53.97	-14.23	68.2	34.79	40.7	24.61	46.13	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 140		11400	51.3	-22.7	74	32.17	39	20.04	39.91	-	-	P	V
5700MHz		11400	42	-12	54	22.87	39	20.04	39.91	-	-	A	V
		17100	53.19	-15.01	68.2	34.01	40.7	24.61	46.13	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	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)
		5454.96	52.66	-21.34	74	41.01	32.63	13.19	34.17	156	27	P	H
		5463.76	56.33	-11.87	68.2	44.63	32.68	13.2	34.18	156	27	P	H
		5459.12	40.7	-13.3	54	29.04	32.65	13.19	34.18	156	27	A	H
802.11ax	*	5500	109.99	-	-	98.09	32.9	13.24	34.24	156	27	P	H
HE20	*	5500	104.06	-	-	92.16	32.9	13.24	34.24	156	27	A	H
Partial													H
106/53		5459.44	57.58	-16.42	74	45.91	32.66	13.19	34.18	266	353	P	V
CH 100		5469.68	63.21	-4.99	68.2	51.47	32.72	13.21	34.19	266	353	P	V
5500MHz		5458.64	41.58	-12.42	54	29.92	32.65	13.19	34.18	266	353	A	V
	*	5500	113.73	-	-	101.83	32.9	13.24	34.24	266	353	P	V
	*	5500	107.51	-	-	95.61	32.9	13.24	34.24	266	353	A	V
													V
	*	5700	110.7	-	-	97.87	33.7	13.52	34.39	104	11	P	H
	*	5700	104.25	-	-	91.42	33.7	13.52	34.39	104	11	A	H
		5728.44	62.53	-5.67	68.2	49.51	33.87	13.56	34.41	104	11	P	H
802.11ax													H
HE20													H
Partial													H
106/54	*	5700	116.13	-	-	103.3	33.7	13.52	34.39	241	360	P	V
CH 140	*	5710	109.76	-	-	96.87	33.76	13.53	34.4	241	360	A	V
5700MHz		5730.04	66.62	-1.58	68.2	53.58	33.88	13.57	34.41	241	360	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	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)
		5458.96	57.2	-16.8	74	45.54	32.65	13.19	34.18	158	21	P	H
		5468.08	61.94	-6.26	68.2	50.21	32.71	13.21	34.19	158	21	P	H
		5459.92	49.04	-4.96	54	37.37	32.66	13.19	34.18	158	21	A	H
	*	5510	112.3	-	-	100.33	32.96	13.26	34.25	158	21	P	H
802.11ax	*	5510	102.35	-	-	90.38	32.96	13.26	34.25	158	21	A	H
HE40 Full		5764.055	51.04	-17.16	68.2	37.86	34	13.62	34.44	158	21	P	H
CH 102		5448.4	62.74	-11.26	74	51.12	32.6	13.18	34.16	282	0	P	V
5510MHz		5470	66.53	-1.67	68.2	54.79	32.72	13.21	34.19	282	0	P	V
		5459.92	51.26	-2.74	54	39.59	32.66	13.19	34.18	282	0	A	V
	*	5510	115.06	-	-	103.09	32.96	13.26	34.25	282	0	P	V
	*	5510	106.78	-	-	94.81	32.96	13.26	34.25	282	0	A	V
		5727.515	52.27	-15.93	68.2	39.25	33.87	13.56	34.41	282	0	P	V
		5441.44	55.11	-18.89	74	43.51	32.58	13.17	34.15	141	18	P	H
		5470	58	-10.2	68.2	46.26	32.72	13.21	34.19	141	18	P	H
		5459.2	44.16	-9.84	54	32.49	32.66	13.19	34.18	141	18	A	H
	*	5550	110.61	-	-	98.38	33.2	13.31	34.28	141	18	P	H
802.11ax	*	5550	102.46	-	-	90.23	33.2	13.31	34.28	141	18	A	H
HE40 Full		5760.59	52.82	-15.38	68.2	39.65	34	13.61	34.44	141	18	P	H
CH 110		5454.64	62.08	-11.92	74	50.43	32.63	13.19	34.17	151	360	P	V
5550MHz		5469.52	62.49	-5.71	68.2	50.75	32.72	13.21	34.19	151	360	P	V
		5459.92	49.1	-4.9	54	37.43	32.66	13.19	34.18	151	360	A	V
	*	5550	117.33	-	-	105.1	33.2	13.31	34.28	151	360	P	V
	*	5550	107.58	-	-	95.35	33.2	13.31	34.28	151	360	A	V
		5730.665	52.88	-15.32	68.2	39.85	33.88	13.57	34.42	151	360	P	V

WIFI Ant. 6+7	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)
		5458.85	50.26	-23.74	74	38.6	32.65	13.19	34.18	127	10	P	H
		5468.3	50.1	-18.1	68.2	38.37	32.71	13.21	34.19	127	10	P	H
		5459.2	39.5	-14.5	54	27.83	32.66	13.19	34.18	127	10	A	H
	*	5670	111.34	-	-	98.65	33.58	13.48	34.37	127	10	P	H
802.11ax	*	5670	103.83	-	-	91.14	33.58	13.48	34.37	127	10	A	H
HE40 Full		5728.25	64.92	-3.28	68.2	51.9	33.87	13.56	34.41	127	10	P	H
CH 134		5445.9	50.15	-23.85	74	38.54	32.59	13.18	34.16	253	0	P	V
5670MHz		5462	49.59	-18.61	68.2	37.9	32.67	13.2	34.18	253	0	P	V
		5459.9	39.71	-14.29	54	28.04	32.66	13.19	34.18	253	0	A	V
	*	5670	116.11	-	-	103.42	33.58	13.48	34.37	253	0	P	V
	*	5670	106.88	-	-	94.19	33.58	13.48	34.37	253	0	A	V
		5728.25	65.77	-2.43	68.2	52.75	33.87	13.56	34.41	253	0	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. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.94	-24.06	74	31.92	37.98	19.69	39.65	-	-	P	H
		11020	40.98	-13.02	54	22.96	37.98	19.69	39.65	-	-	A	H
		16530	53.47	-14.73	68.2	33.74	41.2	24.21	45.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 102		11020	50.69	-23.31	74	32.67	37.98	19.69	39.65	-	-	P	V
5510MHz		11020	41.13	-12.87	54	23.11	37.98	19.69	39.65	-	-	A	V
		16530	53.1	-15.1	68.2	33.37	41.2	24.21	45.68	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	51.49	-22.51	74	33.24	38.2	19.76	39.71	-	-	P	H
		11100	41.22	-12.78	54	22.97	38.2	19.76	39.71	-	-	A	H
		16650	52.89	-15.31	68.2	33.47	40.9	24.29	45.77	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 110		11100	50.81	-23.19	74	32.56	38.2	19.76	39.71	-	-	P	V
5550MHz		11100	41.81	-12.19	54	23.56	38.2	19.76	39.71	-	-	A	V
		16650	53.17	-15.03	68.2	33.75	40.9	24.29	45.77	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11340	52.19	-21.81	74	33.2	38.88	19.98	39.87	-	-	P	H
		11340	42.43	-11.57	54	23.44	38.88	19.98	39.87	-	-	A	H
		17010	52.96	-15.24	68.2	33.57	40.88	24.54	46.03	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 134		11340	51.17	-22.83	74	32.18	38.88	19.98	39.87	-	-	P	V
5670MHz		11340	41.96	-12.04	54	22.97	38.88	19.98	39.87	-	-	A	V
		17010	52.98	-15.22	68.2	33.59	40.88	24.54	46.03	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.44	59.29	-14.71	74	47.62	32.66	13.19	34.18	124	22	P	H
		5469.28	63.16	-5.04	68.2	51.42	32.72	13.21	34.19	124	22	P	H
		5459.92	41.31	-12.69	54	29.64	32.66	13.19	34.18	124	22	A	H
802.11ax	*	5510	107.92	-	-	95.95	32.96	13.26	34.25	124	22	P	H
HE40	*	5510	99.97	-	-	88	32.96	13.26	34.25	124	22	A	H
Partial		5749.25	50.51	-17.69	68.2	37.35	34	13.59	34.43	124	22	P	H
242/61		5454.64	67.78	-6.22	74	56.13	32.63	13.19	34.17	160	55	P	V
CH 102		5468.56	64.29	-3.91	68.2	52.56	32.71	13.21	34.19	160	55	P	V
5510MHz		5459.92	45.19	-8.81	54	33.52	32.66	13.19	34.18	160	55	A	V
	*	5510	114.83	-	-	102.86	32.96	13.26	34.25	160	55	P	V
	*	5510	106.68	-	-	94.71	32.96	13.26	34.25	160	55	A	V
		5753.66	51.12	-17.08	68.2	37.95	34	13.6	34.43	160	55	P	V
		5441	48.93	-25.07	74	37.33	32.58	13.17	34.15	114	16	P	H
		5466.2	48.6	-19.6	68.2	36.89	32.7	13.2	34.19	114	16	P	H
		5459.9	38.91	-15.09	54	27.24	32.66	13.19	34.18	114	16	A	H
802.11ax	*	5670	107.45	-	-	94.76	33.58	13.48	34.37	114	16	P	H
HE40	*	5670	100.3	-	-	87.61	33.58	13.48	34.37	114	16	A	H
Partial		5734.2	64.62	-3.58	68.2	51.56	33.91	13.57	34.42	114	16	P	H
242/62		5443.45	49.03	-24.97	74	37.42	32.59	13.17	34.15	228	4	P	V
CH 134		5469.35	48.23	-19.97	68.2	36.49	32.72	13.21	34.19	228	4	P	V
5670MHz		5459.9	39.31	-14.69	54	27.64	32.66	13.19	34.18	228	4	A	V
	*	5670	114.19	-	-	101.5	33.58	13.48	34.37	228	4	P	V
	*	5670	106.13	-	-	93.44	33.58	13.48	34.37	228	4	A	V
		5728.6	66.64	-1.56	68.2	53.62	33.87	13.56	34.41	228	4	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	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)
		5458.72	55.78	-18.22	74	44.12	32.65	13.19	34.18	100	53	P	H
		5468.32	55.62	-12.58	68.2	43.89	32.71	13.21	34.19	100	53	P	H
		5458.96	45.11	-8.89	54	33.45	32.65	13.19	34.18	100	53	A	H
	*	5530	102.84	-	-	90.74	33.08	13.28	34.26	100	53	P	H
802.11ax	*	5530	94.3	-	-	82.2	33.08	13.28	34.26	100	53	A	H
HE80 Full		5725	51.28	-16.92	68.2	38.28	33.85	13.56	34.41	100	53	P	H
CH 106		5459.92	61.9	-12.1	74	50.23	32.66	13.19	34.18	188	360	P	V
5530MHz		5468.8	61.83	-6.37	68.2	50.1	32.71	13.21	34.19	188	360	P	V
		5459.68	51.74	-2.26	54	40.07	32.66	13.19	34.18	188	360	A	V
	*	5530	108.86	-	-	96.76	33.08	13.28	34.26	188	360	P	V
	*	5530	100.65	-	-	88.55	33.08	13.28	34.26	188	360	A	V
		5760.59	52.18	-16.02	68.2	39.01	34	13.61	34.44	188	360	P	V
		5458.5	54.54	-19.46	74	42.88	32.65	13.19	34.18	133	53	P	H
		5465.85	55.9	-12.3	68.2	44.19	32.7	13.2	34.19	133	53	P	H
		5458.15	43.48	-10.52	54	31.81	32.65	13.19	34.17	133	53	A	H
	*	5610	104.15	-	-	91.82	33.26	13.39	34.32	133	53	P	H
802.11ax	*	5610	94.89	-	-	82.56	33.26	13.39	34.32	133	53	A	H
HE80 Full		5736.65	54.7	-13.5	68.2	41.63	33.92	13.57	34.42	133	53	P	H
CH 122		5450.45	59.73	-14.27	74	48.11	32.6	13.18	34.16	272	0	P	V
5610MHz		5467.95	60.55	-7.65	68.2	48.83	32.71	13.2	34.19	272	0	P	V
		5459.9	48.32	-5.68	54	36.65	32.66	13.19	34.18	272	0	A	V
	*	5610	113.39	-	-	101.06	33.26	13.39	34.32	272	0	P	V
	*	5610	104.39	-	-	92.06	33.26	13.39	34.32	272	0	A	V
		5729.475	66.63	-1.57	68.2	53.6	33.88	13.56	34.41	272	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	50.53	-23.47	74	32.37	38.12	19.72	39.68	-	-	P	H
		11060	41.6	-12.4	54	23.44	38.12	19.72	39.68	-	-	A	H
		16590	54.13	-14.07	68.2	34.48	41.12	24.25	45.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 106		11060	50.65	-23.35	74	32.49	38.12	19.72	39.68	-	-	P	V
5530MHz		11060	41.29	-12.71	54	23.13	38.12	19.72	39.68	-	-	A	V
		16590	53.47	-14.73	68.2	33.82	41.12	24.25	45.72	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11220	50.88	-23.12	74	32.22	38.58	19.87	39.79	-	-	P	H
		11220	41.78	-12.22	54	23.12	38.58	19.87	39.79	-	-	A	H
		16830	52.59	-15.61	68.2	32.98	41.1	24.41	45.9	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 122		11220	50.81	-23.19	74	32.15	38.58	19.87	39.79	-	-	P	V
5610MHz		11220	41.64	-12.36	54	22.98	38.58	19.87	39.79	-	-	A	V
		16830	53.09	-15.11	68.2	33.48	41.1	24.41	45.9	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	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)
		5420.08	64.5	-9.5	74	52.93	32.54	13.15	34.12	122	27	P	H
		5470	61.6	-6.6	68.2	49.86	32.72	13.21	34.19	122	27	P	H
		5459.68	44.26	-9.74	54	32.59	32.66	13.19	34.18	122	27	A	H
802.11ax	*	5530	106.77	-	-	94.67	33.08	13.28	34.26	122	27	P	H
HE80	*	5530	98.69	-	-	86.59	33.08	13.28	34.26	122	27	A	H
Partial		5759.33	50.89	-17.31	68.2	37.72	34	13.61	34.44	122	27	P	H
484/65		5439.04	67.37	-6.63	74	55.76	32.58	13.17	34.14	165	55	P	V
CH 106		5470	66.21	-1.99	68.2	54.47	32.72	13.21	34.19	165	55	P	V
5530MHz		5459.92	48.83	-5.17	54	37.16	32.66	13.19	34.18	165	55	A	V
	*	5530	111.67	-	-	99.57	33.08	13.28	34.26	165	55	P	V
	*	5530	104.03	-	-	91.93	33.08	13.28	34.26	165	55	A	V
		5742.95	56.62	-11.58	68.2	43.5	33.96	13.58	34.42	165	55	P	V
		5452.2	48.78	-25.22	74	37.15	32.61	13.19	34.17	100	5	P	H
		5461.3	49.87	-18.33	68.2	38.18	32.67	13.2	34.18	100	5	P	H
		5459.2	39.25	-14.75	54	27.58	32.66	13.19	34.18	100	5	A	H
802.11ax	*	5610	105.05	-	-	92.72	33.26	13.39	34.32	100	5	P	H
HE80	*	5610	96.58	-	-	84.25	33.26	13.39	34.32	100	5	A	H
Partial		5753.625	60.9	-7.3	68.2	47.73	34	13.6	34.43	100	5	P	H
484/66		5454.3	56.27	-17.73	74	44.62	32.63	13.19	34.17	254	0	P	V
CH 122		5464.1	57.14	-11.06	68.2	45.44	32.68	13.2	34.18	254	0	P	V
5610MHz		5459.2	41.88	-12.12	54	30.21	32.66	13.19	34.18	254	0	A	V
	*	5610	111.9	-	-	99.57	33.26	13.39	34.32	254	0	P	V
	*	5610	103.43	-	-	91.1	33.26	13.39	34.32	254	0	A	V
		5753.8	65.3	-2.9	68.2	52.13	34	13.6	34.43	254	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 114 5570MHz		5438.55	54.67	-19.33	74	43.06	32.58	13.17	34.14	134	18	P	H
		5460.6	55.43	-12.77	68.2	43.75	32.66	13.2	34.18	134	18	P	H
		5459.2	46.75	-7.25	54	35.08	32.66	13.19	34.18	134	18	A	H
	*	5570	100.01	-	-	87.77	33.2	13.33	34.29	134	18	P	H
	*	5570	90.58	-	-	78.34	33.2	13.33	34.29	134	18	A	H
		5746.1	58.24	-9.96	68.2	45.1	33.98	13.59	34.43	134	18	P	H
		5451.5	60.93	-13.07	74	49.3	32.61	13.18	34.16	247	357	P	V
		5460.95	59.96	-8.24	68.2	48.27	32.67	13.2	34.18	247	357	P	V
		5459.9	52.17	-1.83	54	40.5	32.66	13.19	34.18	247	357	A	V
	*	5570	104.77	-	-	92.53	33.2	13.33	34.29	247	357	P	V
	*	5570	96.2	-	-	83.96	33.2	13.33	34.29	247	357	A	V
		5728.46	62.55	-5.65	68.2	49.53	33.87	13.56	34.41	247	357	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11140	50.63	-23.37	74	32.3	38.28	19.79	39.74	-	-	P	H
		11140	41.46	-12.54	54	23.13	38.28	19.79	39.74	-	-	A	H
		16710	53.68	-14.52	68.2	34.24	40.92	24.33	45.81	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE160 Full													H
CH 114		11140	49.83	-24.17	74	31.5	38.28	19.79	39.74	-	-	P	V
5570MHz		11140	41.98	-12.02	54	23.65	38.28	19.79	39.74	-	-	A	V
		16710	52.88	-15.32	68.2	33.44	40.92	24.33	45.81	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI Ant. 6+7	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)
		5439.25	56.15	-17.85	74	44.55	32.58	13.17	34.15	100	22	P	H
		5469.35	53.52	-14.68	68.2	41.78	32.72	13.21	34.19	100	22	P	H
		5444.85	45.74	-8.26	54	34.12	32.59	13.18	34.15	100	22	A	H
802.11ax	*	5570	98.8	-	-	86.56	33.2	13.33	34.29	100	22	P	H
HE160	*	5570	90.83	-	-	78.59	33.2	13.33	34.29	100	22	A	H
Partial		5727.83	60.65	-7.55	68.2	47.63	33.87	13.56	34.41	100	22	P	H
996/67		5444.15	63.67	-10.33	74	52.05	32.59	13.18	34.15	202	61	P	V
CH 114		5467.6	59.12	-9.08	68.2	47.4	32.71	13.2	34.19	202	61	P	V
5570MHz		5443.8	50.89	-3.11	54	39.28	32.59	13.17	34.15	202	61	A	V
	*	5570	107.26	-	-	95.02	33.2	13.33	34.29	202	61	P	V
	*	5570	96.62	-	-	84.38	33.2	13.33	34.29	202	61	A	V
		5728.775	65.08	-3.12	68.2	52.06	33.87	13.56	34.41	202	61	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5440.48	49.24	-24.76	74	37.64	32.58	13.17	34.15	130	10	P	H
		5465.05	48.42	-19.78	68.2	36.72	32.69	13.2	34.19	130	10	P	H
		5458.42	38.97	-15.03	54	27.31	32.65	13.19	34.18	130	10	A	H
	*	5720	116.71	-	-	103.75	33.82	13.55	34.41	130	10	P	H
	*	5720	109.55	-	-	96.59	33.82	13.55	34.41	130	10	A	H
		5913	52.09	-16.11	68.2	38.89	34	13.75	34.55	130	10	P	H
		5406.94	49.77	-24.23	74	38.22	32.51	13.13	34.09	291	0	P	V
		5468.95	49.51	-18.69	68.2	37.78	32.71	13.21	34.19	291	0	P	V
		5459.59	39.43	-14.57	54	27.76	32.66	13.19	34.18	291	0	A	V
	*	5720	120.9	-	-	107.94	33.82	13.55	34.41	291	0	P	V
	*	5720	114.13	-	-	101.17	33.82	13.55	34.41	291	0	A	V
		5855.75	54.49	-13.71	68.2	41.38	33.91	13.71	34.51	291	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	54.44	-19.56	74	35.39	38.92	20.07	39.94	112	45	P	H
		11440	46.29	-7.71	54	27.24	38.92	20.07	39.94	112	45	A	H
		17160	64.06	-4.14	68.2	45.01	40.58	24.66	46.19	109	49	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 144 5720MHz		11440	52.34	-21.66	74	33.29	38.92	20.07	39.94	150	21	P	V
		11440	43.38	-10.62	54	24.33	38.92	20.07	39.94	150	21	A	V
		17160	54.32	-13.88	68.2	35.27	40.58	24.66	46.19	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 6+7	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		5437.36	48.38	-25.62	74	36.78	32.57	13.17	34.14	118	16	P	H
		5465.44	47.94	-20.26	68.2	36.24	32.69	13.2	34.19	118	16	P	H
		5459.98	38.99	-15.01	54	27.32	32.66	13.19	34.18	118	16	A	H
	*	5720	118.18	-	-	105.22	33.82	13.55	34.41	118	16	P	H
	*	5720	108.44	-	-	95.48	33.82	13.55	34.41	118	16	A	H
		5855	51.77	-16.43	68.2	38.66	33.91	13.71	34.51	118	16	P	H
		5447.11	47.99	-26.01	74	36.38	32.59	13.18	34.16	248	360	P	V
		5468.56	48.69	-19.51	68.2	36.96	32.71	13.21	34.19	248	360	P	V
		5470	39.66	-14.34	54	27.92	32.72	13.21	34.19	248	360	A	V
	*	5720	120.85	-	-	107.89	33.82	13.55	34.41	248	360	P	V
	*	5720	114.01	-	-	101.05	33.82	13.55	34.41	248	360	A	V
		5851.5	55.5	-12.7	68.2	42.4	33.9	13.71	34.51	248	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	54.03	-19.97	74	34.98	38.92	20.07	39.94	109	44	P	H
		11440	45.6	-8.4	54	26.55	38.92	20.07	39.94	109	44	A	H
		17160	61.72	-6.48	68.2	42.67	40.58	24.66	46.19	109	50	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	51.41	-22.59	74	32.36	38.92	20.07	39.94	116	20	P	V
5720MHz		11440	43.2	-10.8	54	24.15	38.92	20.07	39.94	116	20	A	V
		17160	53.97	-14.23	68.2	34.92	40.58	24.66	46.19	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 6+7	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		5429.95	48.26	-25.74	74	36.67	32.56	13.16	34.13	100	4	P	H
		5463.49	48.62	-19.58	68.2	36.92	32.68	13.2	34.18	100	4	P	H
		5459.2	39.22	-14.78	54	27.55	32.66	13.19	34.18	100	4	A	H
	*	5710	111.49	-	-	98.6	33.76	13.53	34.4	100	4	P	H
	*	5710	103.49	-	-	90.6	33.76	13.53	34.4	100	4	A	H
		5850	57.79	-10.41	68.2	44.7	33.9	13.7	34.51	100	4	P	H
		5454.91	51.73	-22.27	74	40.08	32.63	13.19	34.17	241	357	P	V
		5463.1	51.1	-17.1	68.2	39.4	32.68	13.2	34.18	241	357	P	V
		5459.59	41.8	-12.2	54	30.13	32.66	13.19	34.18	241	357	A	V
	*	5710	118.11	-	-	105.22	33.76	13.53	34.4	241	357	P	V
	*	5710	109.49	-	-	96.6	33.76	13.53	34.4	241	357	A	V
		5854.25	66.46	-1.74	68.2	53.35	33.91	13.71	34.51	241	357	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. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	51.79	-22.21	74	32.71	38.96	20.05	39.93	-	-	P	H
		11420	42.42	-11.58	54	23.34	38.96	20.05	39.93	-	-	A	H
		17130	53.76	-14.44	68.2	34.64	40.64	24.64	46.16	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	51.18	-22.82	74	32.1	38.96	20.05	39.93	-	-	P	V
5710MHz		11420	41.96	-12.04	54	22.88	38.96	20.05	39.93	-	-	A	V
		17130	52.89	-15.31	68.2	33.77	40.64	24.64	46.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 6+7	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)
		5426.05	48.34	-25.66	74	36.76	32.55	13.15	34.12	256	5	P	H
		5465.44	47.37	-20.83	68.2	35.67	32.69	13.2	34.19	256	5	P	H
		5459.98	39.12	-14.88	54	27.45	32.66	13.19	34.18	256	5	A	H
	*	5690	104.99	-	-	92.2	33.66	13.51	34.38	256	5	P	H
802.11ax	*	5690	96.98	-	-	84.19	33.66	13.51	34.38	256	5	A	H
HE80 Full		5858.2	56.8	-11.4	68.2	43.68	33.92	13.71	34.51	256	5	P	H
CH 138		5431.12	51.23	-22.77	74	39.64	32.56	13.16	34.13	244	0	P	V
5690MHz		5460.76	52.54	-15.66	68.2	40.86	32.66	13.2	34.18	244	0	P	V
		5459.59	42.67	-11.33	54	31	32.66	13.19	34.18	244	0	A	V
	*	5690	113.56	-	-	100.77	33.66	13.51	34.38	244	0	P	V
	*	5690	104.91	-	-	92.12	33.66	13.51	34.38	244	0	A	V
		5857.6	65.19	-3.01	68.2	52.07	33.92	13.71	34.51	244	0	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. 6+7	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	51.43	-22.57	74	32.35	38.96	20.02	39.9	-	-	P	H
		11380	42.19	-11.81	54	23.11	38.96	20.02	39.9	-	-	A	H
		17070	53.3	-14.9	68.2	34.05	40.76	24.58	46.09	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	50.95	-23.05	74	31.87	38.96	20.02	39.9	-	-	P	V
5690MHz		11380	42.05	-11.95	54	22.97	38.96	20.02	39.9	-	-	A	V
		17070	52.61	-15.59	68.2	33.36	40.76	24.58	46.09	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11a (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.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		33.24	24.38	-15.62	40	32.87	23.31	0.95	32.75	-	-	P	H
		110.73	28.85	-14.65	43.5	42.76	16.91	1.9	32.72	-	-	P	H
		125.31	27.22	-16.28	43.5	40.31	17.6	2.02	32.71	-	-	P	H
		811.7	31.33	-14.67	46	30.85	27.81	5.09	32.42	-	-	P	H
		865.6	33.35	-12.65	46	30.94	29.25	5.25	32.09	-	-	P	H
		990.2	34.96	-19.04	54	29.7	30.53	5.7	30.97	-	-	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		33.24	31.4	-8.6	40	39.89	23.31	0.95	32.75	100	233	Q	V
		38.64	30.85	-9.15	40	41.83	20.71	1.05	32.74	-	-	P	V
		110.46	29.55	-13.95	43.5	43.49	16.89	1.89	32.72	-	-	P	V
		817.3	31.52	-14.48	46	30.86	27.95	5.1	32.39	-	-	P	V
		887.3	33.15	-12.85	46	30.89	28.95	5.25	31.94	-	-	P	V
		967.8	35.27	-18.73	54	29.95	30.92	5.61	31.21	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= Leve(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54 (dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

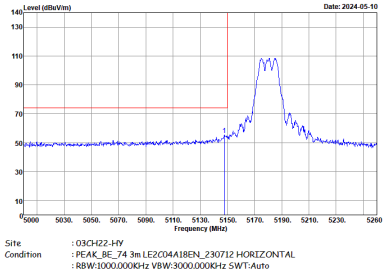
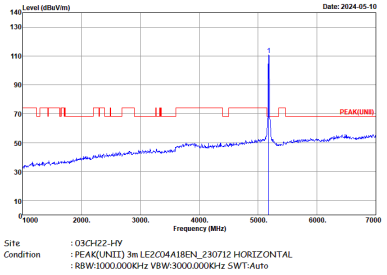
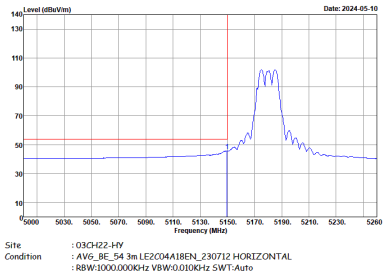
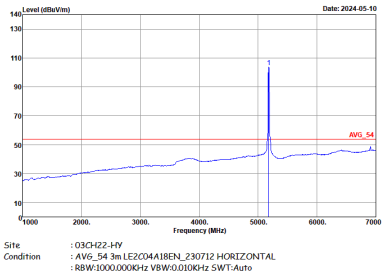
Test Engineer :	Bank Lin, Fred Tseng and Karl Hou	**Temperature :**	21.5~24.9°C
		Relative Humidity :	50.1~60.9%

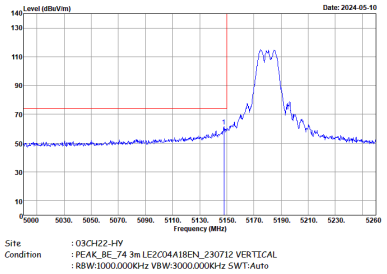
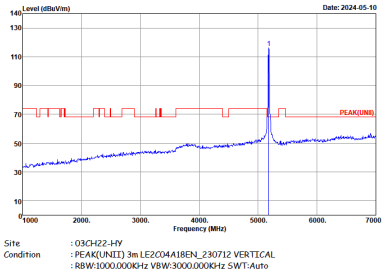
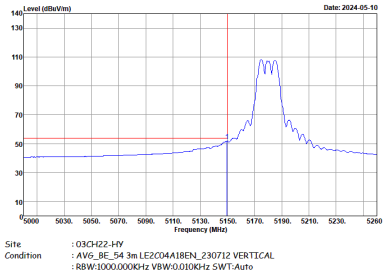
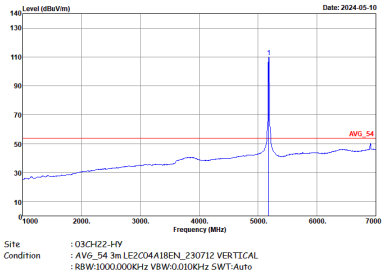
Note symbol

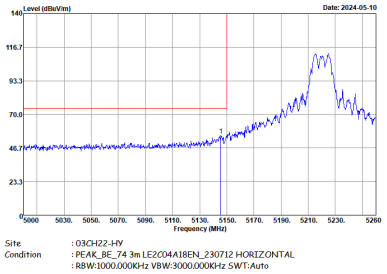
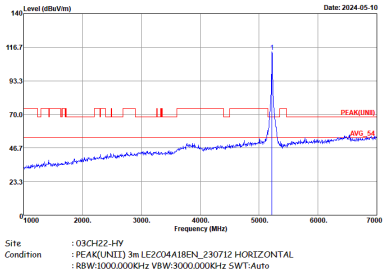
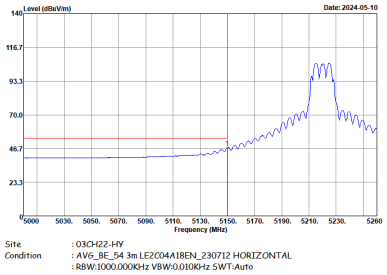
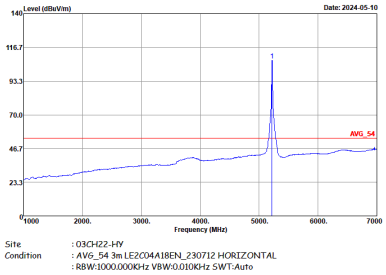
-L	**Low channel location**
-R	**High channel location**

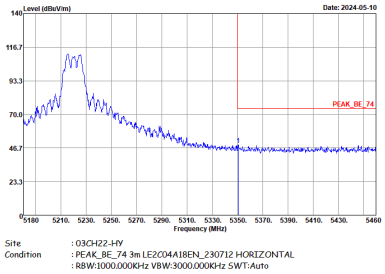
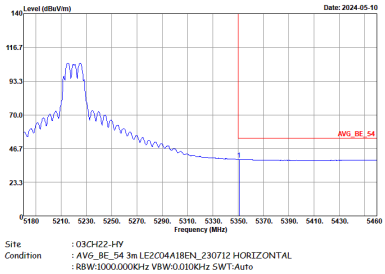
Band 1 - 5150~5250MHz

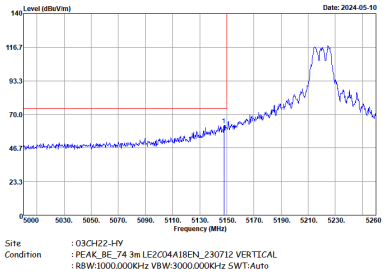
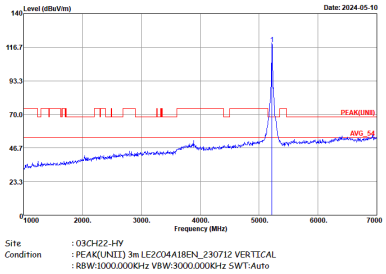
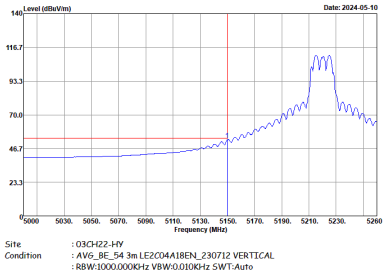
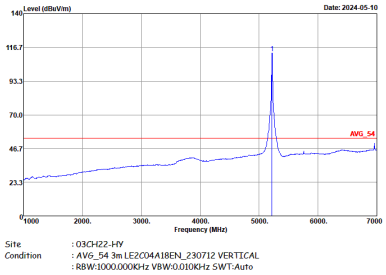
WIFI 802.11a (Band Edge @ 3m)

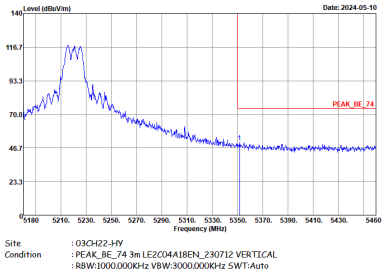
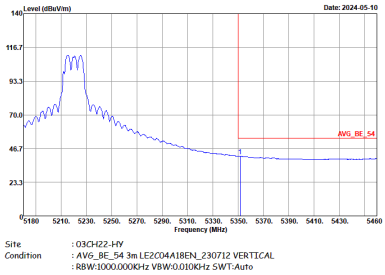
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
6+7	Horizontal	Fundamental
Peak		
Avg.		

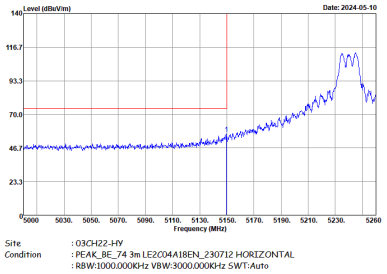
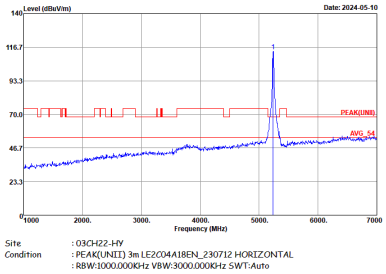
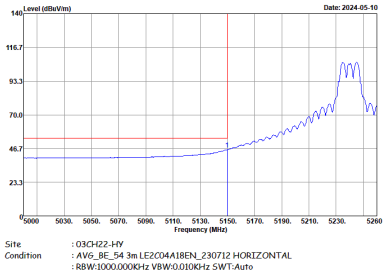
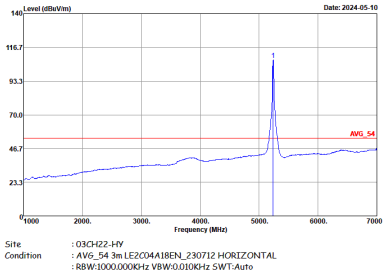
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
6+7	Vertical	Fundamental
Peak		
Avg.		

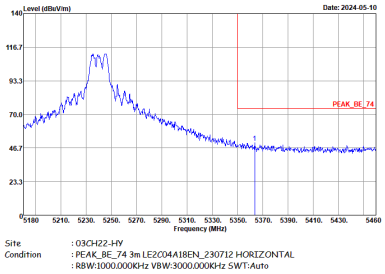
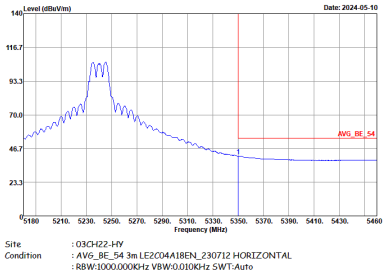
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

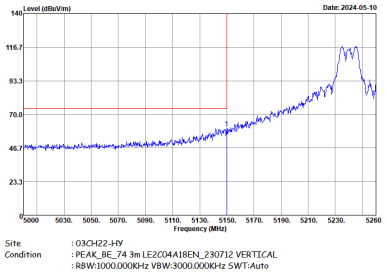
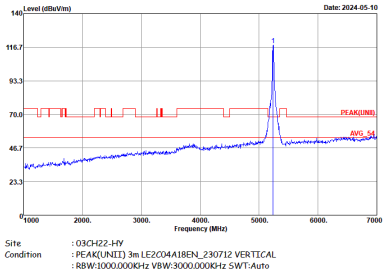
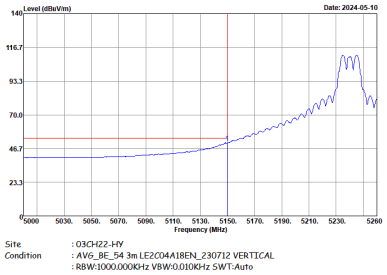
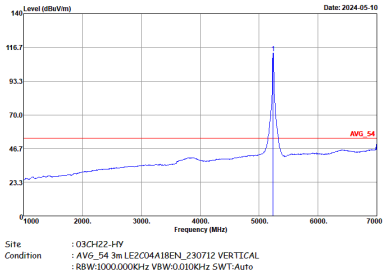
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

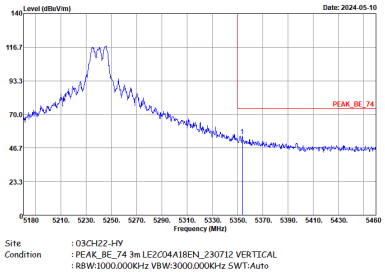
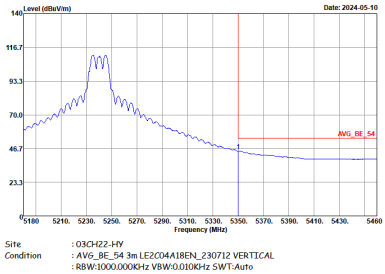
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

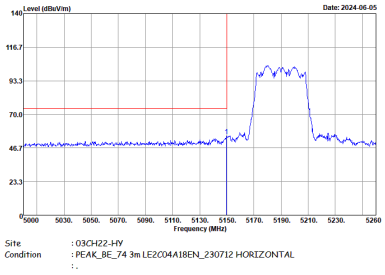
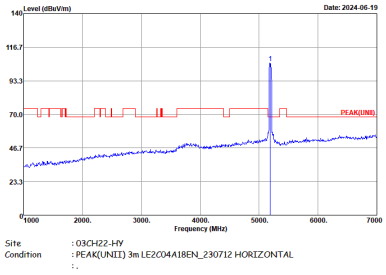
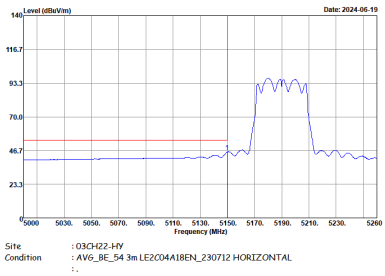
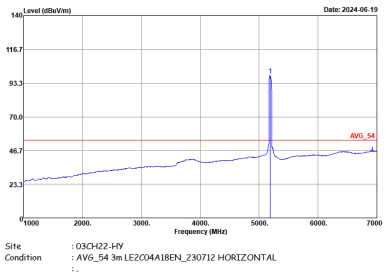
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

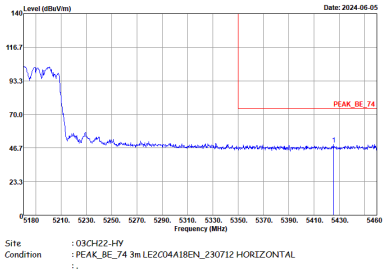
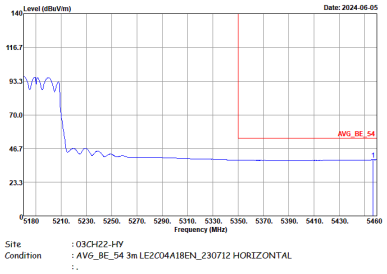
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

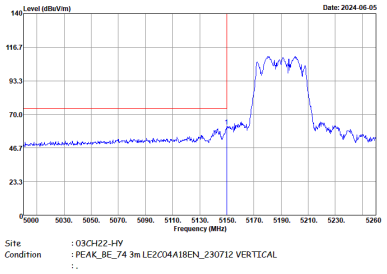
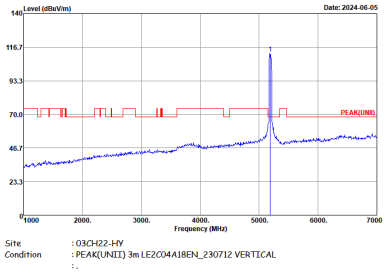
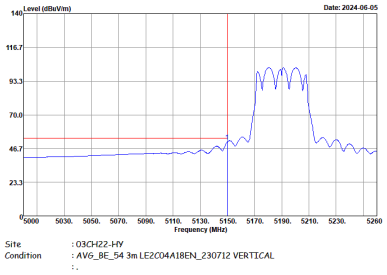
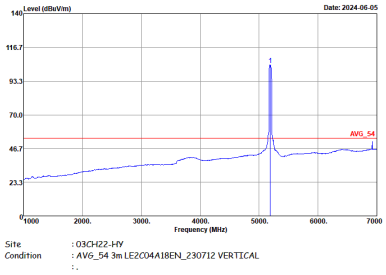
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

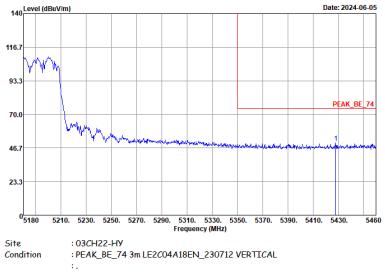
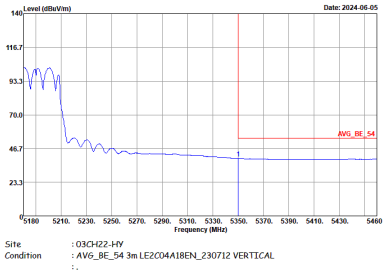
Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

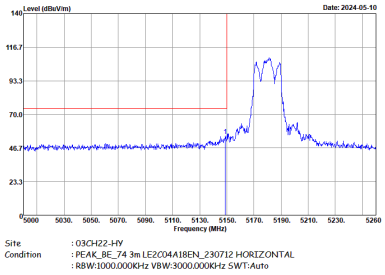
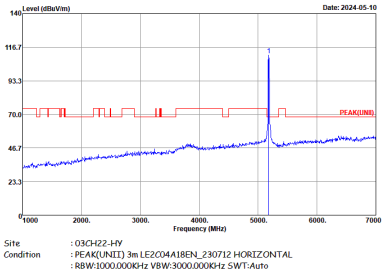
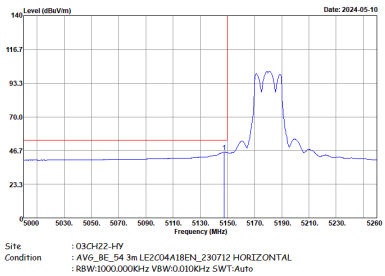
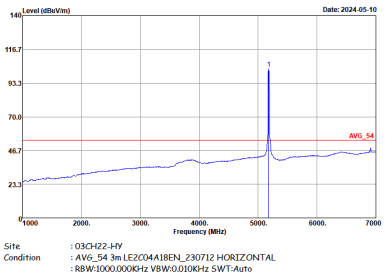
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

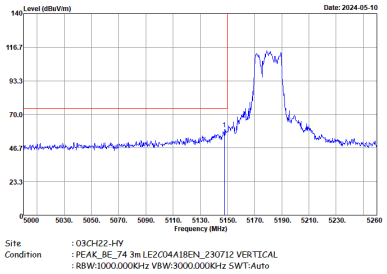
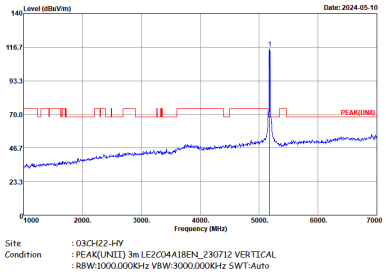
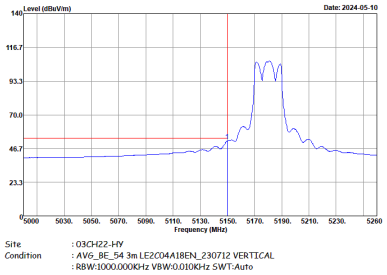
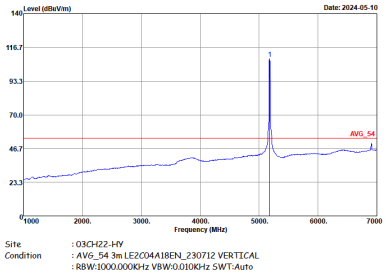
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

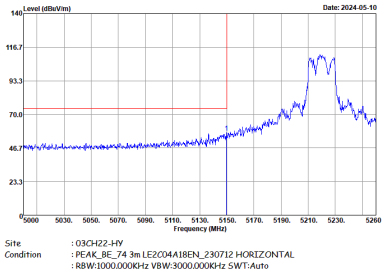
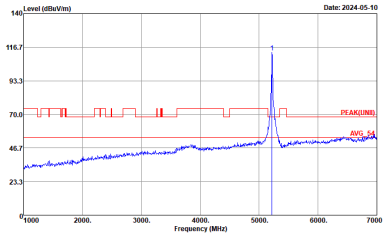
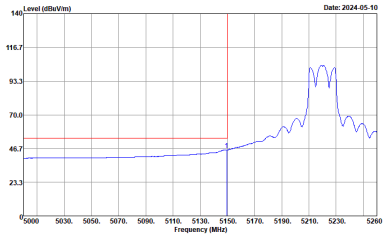
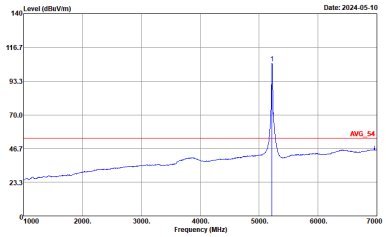
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

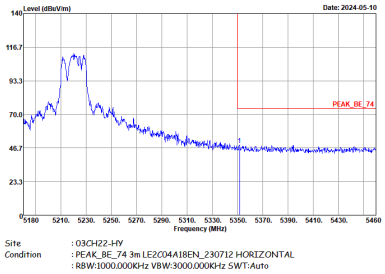
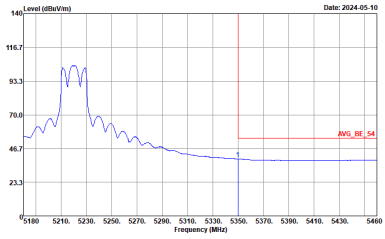
Band 1 5150~5250MHz

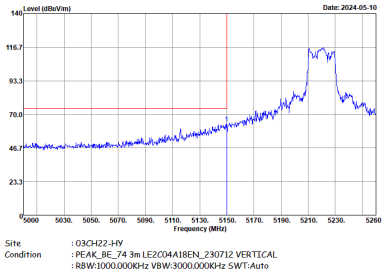
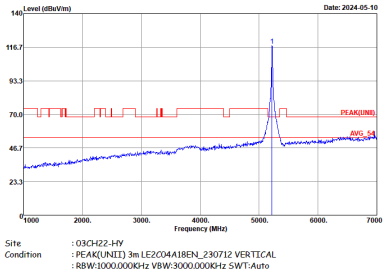
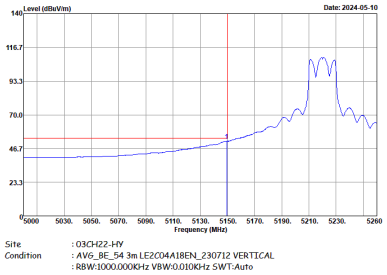
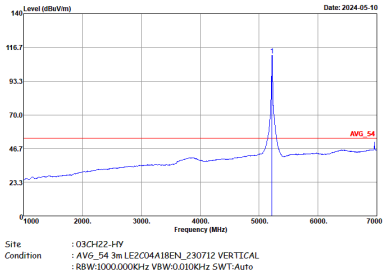
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

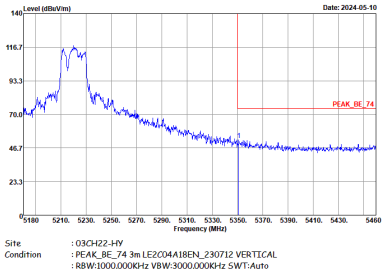
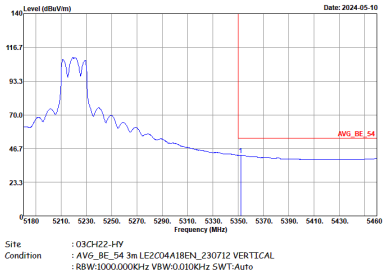
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

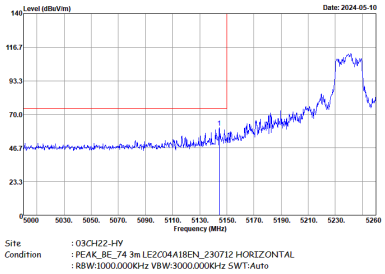
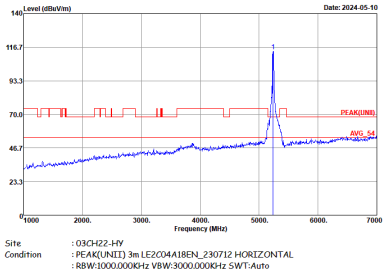
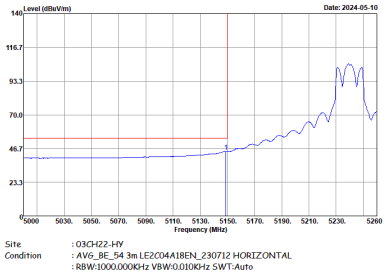
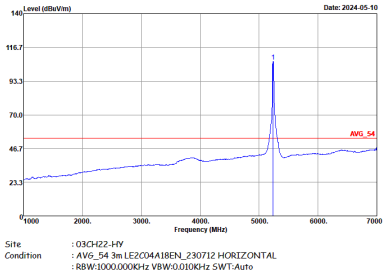
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

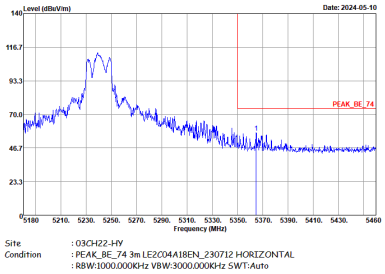
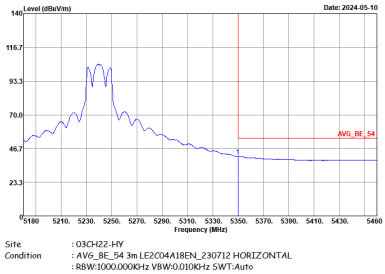
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

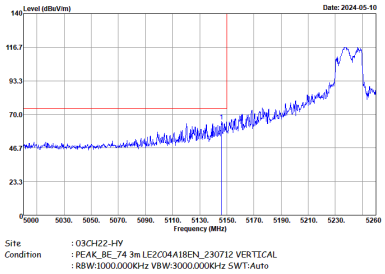
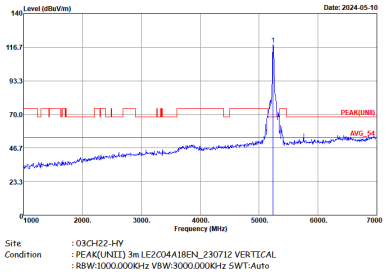
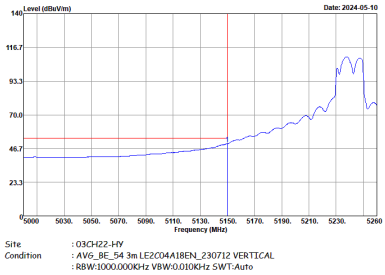
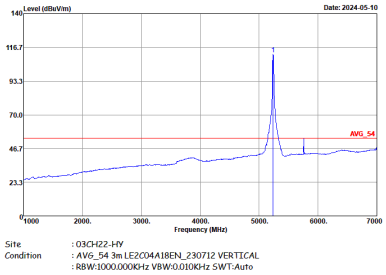
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

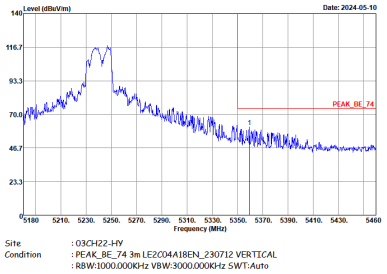
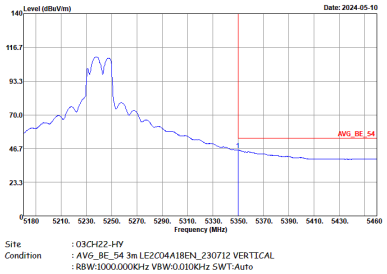
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

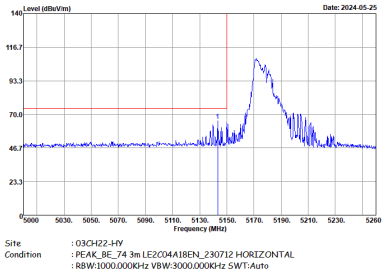
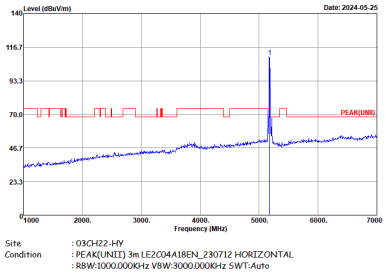
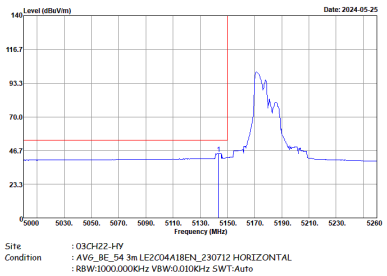
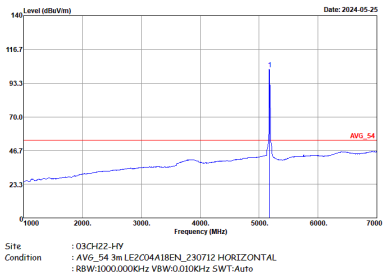
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

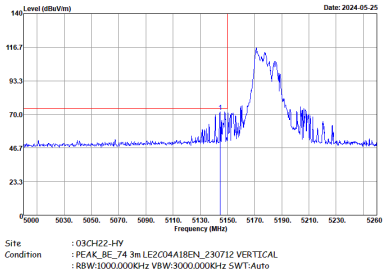
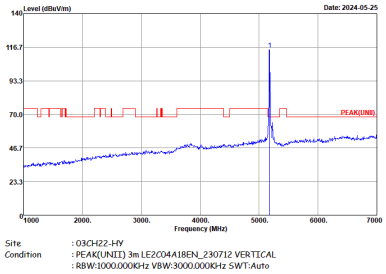
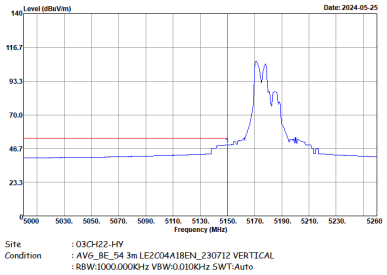
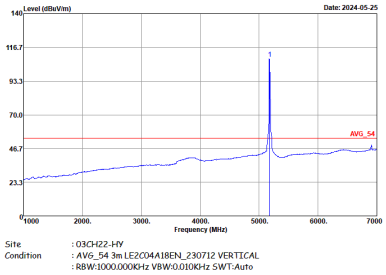
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

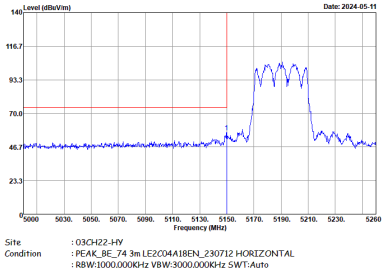
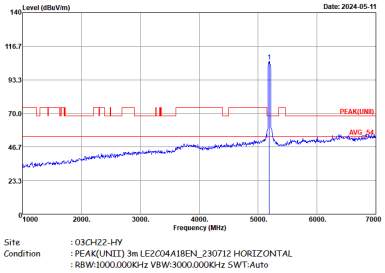
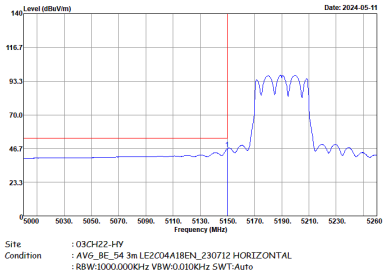
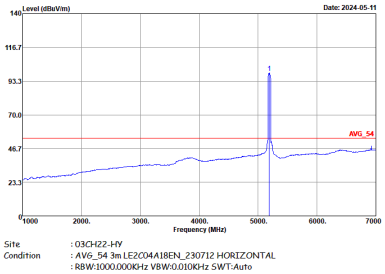
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

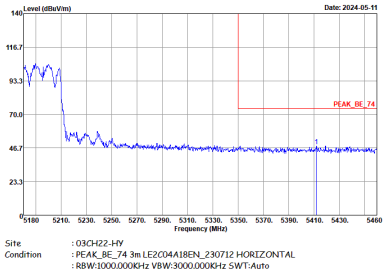
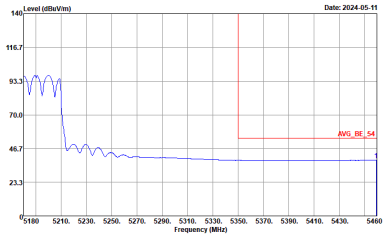
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

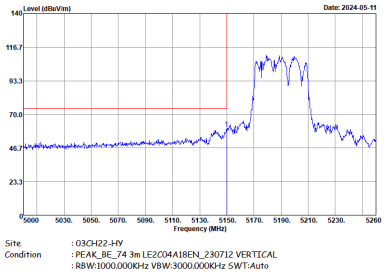
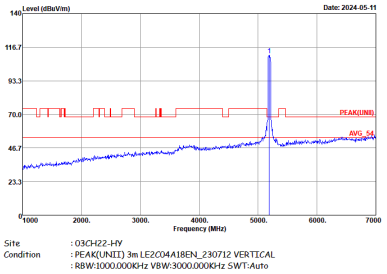
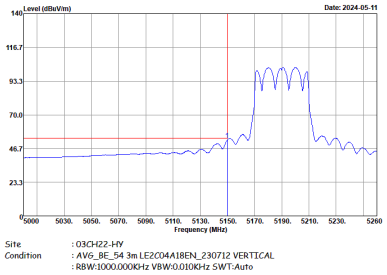
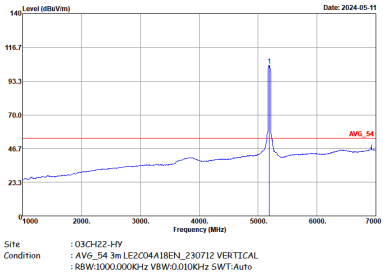
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

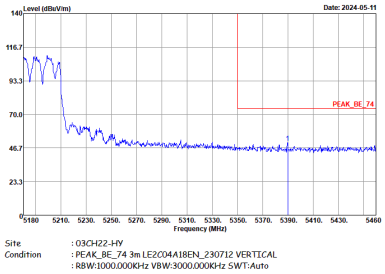
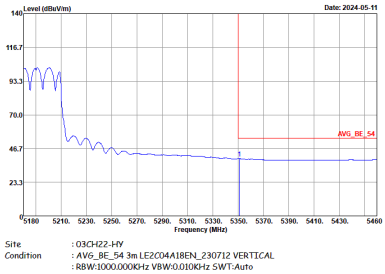
Band 1 5150~5250MHz

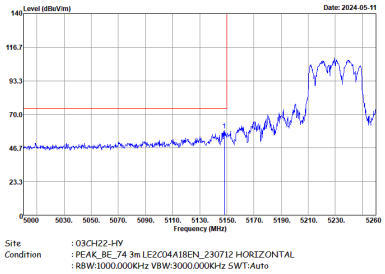
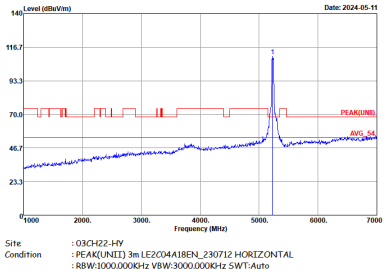
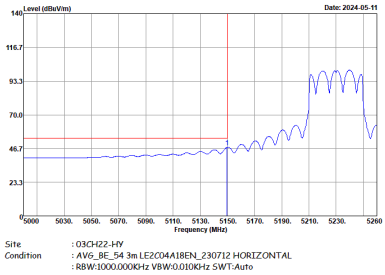
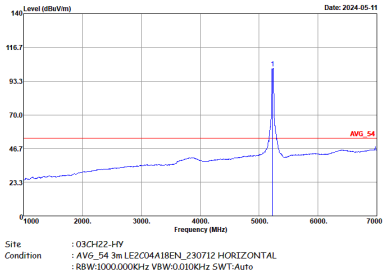
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

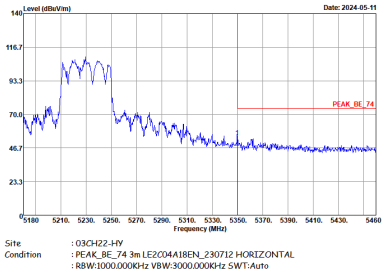
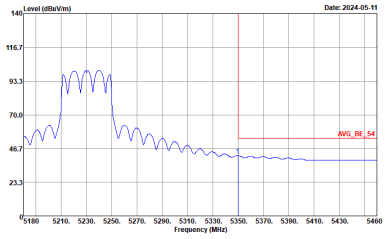
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

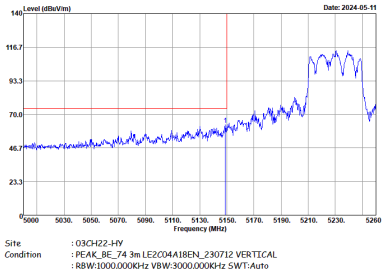
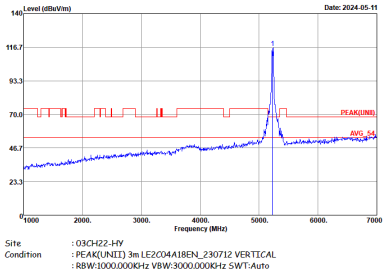
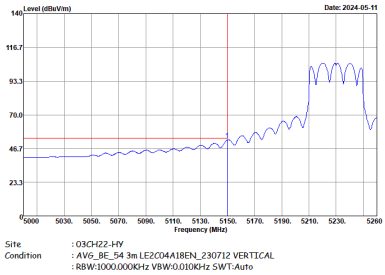
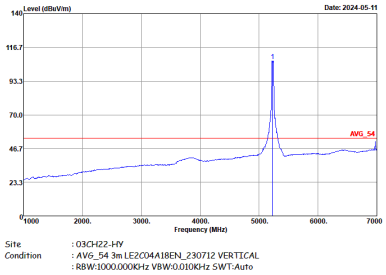
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

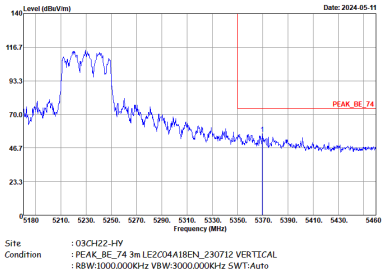
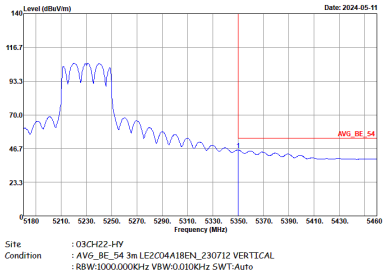
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

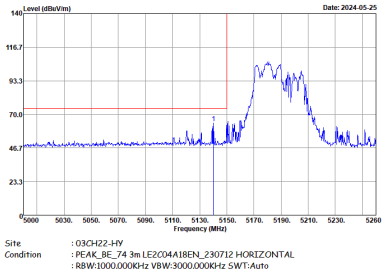
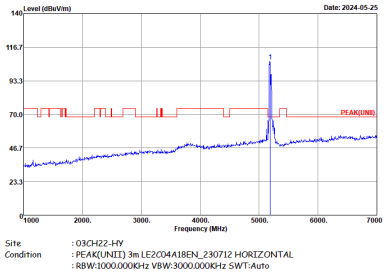
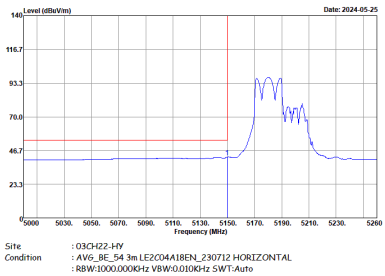
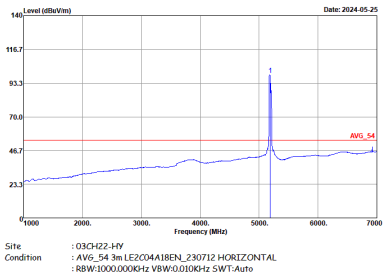
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

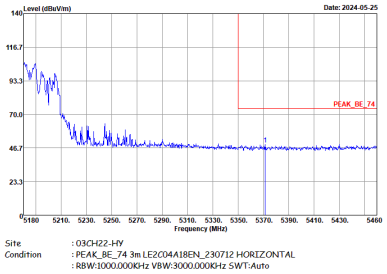
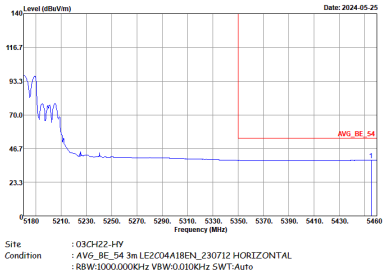
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

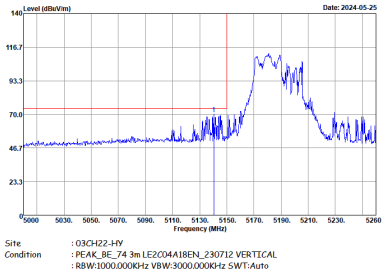
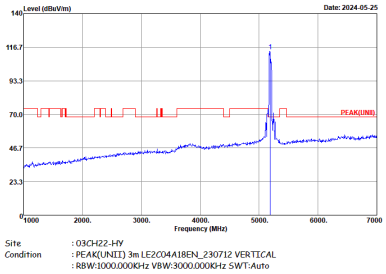
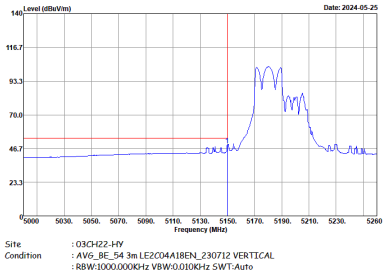
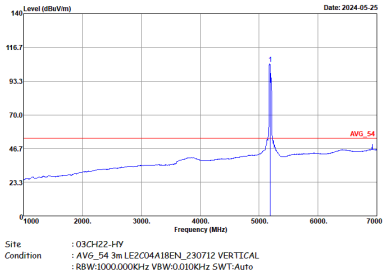
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

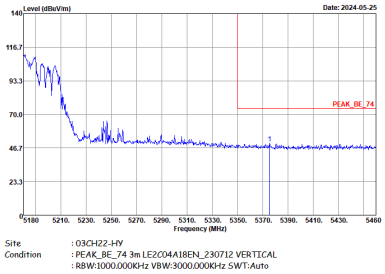
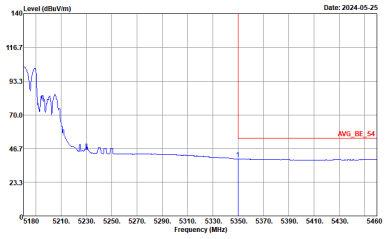
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

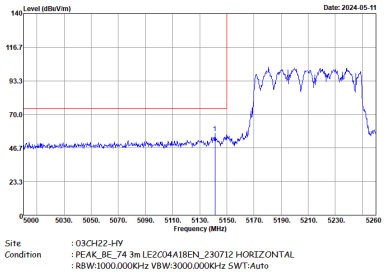
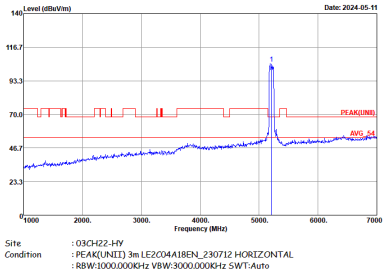
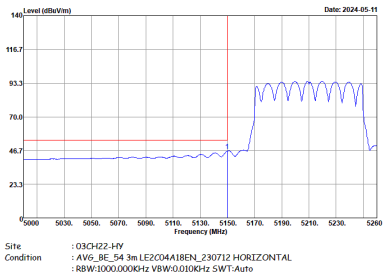
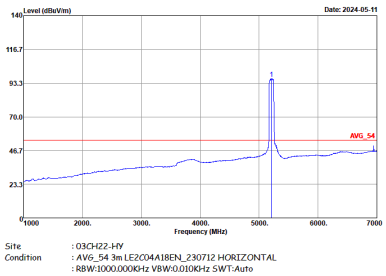
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

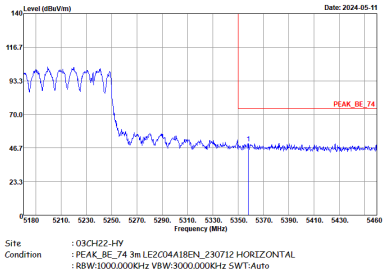
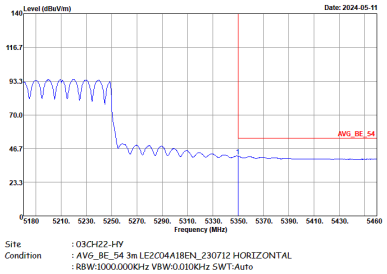
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

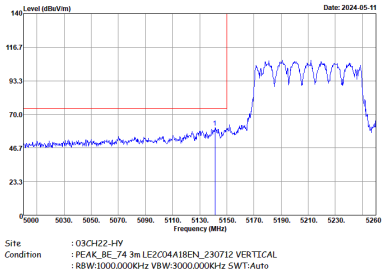
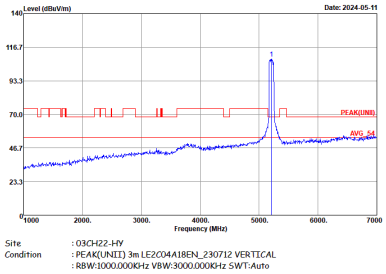
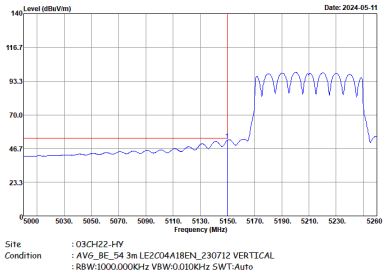
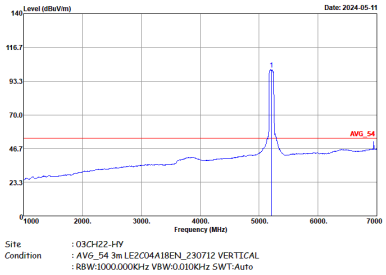
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

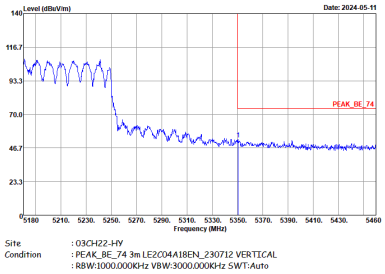
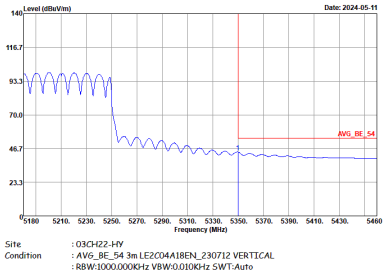
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

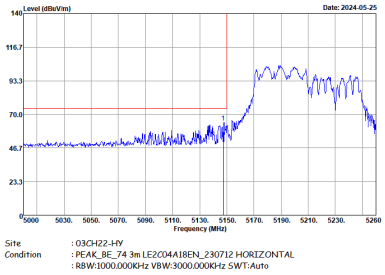
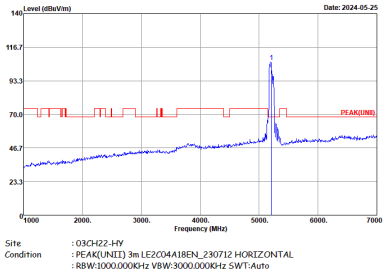
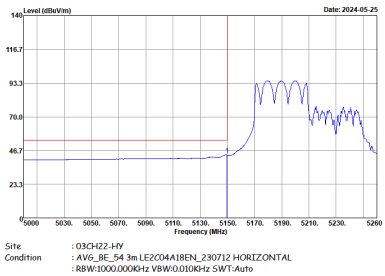
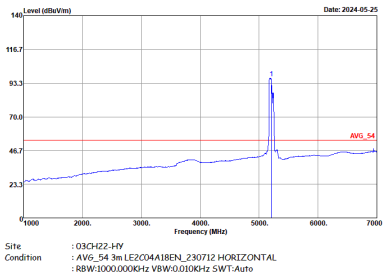
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

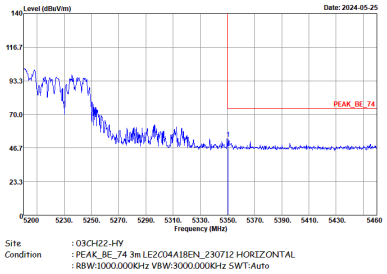
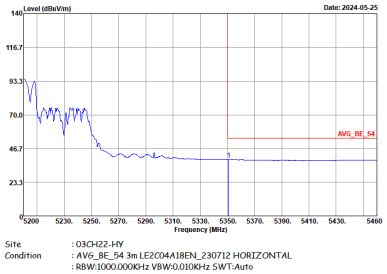
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

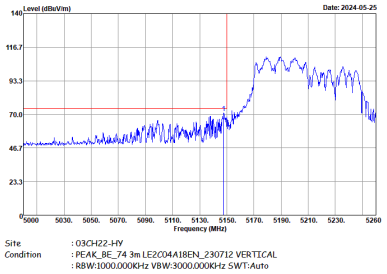
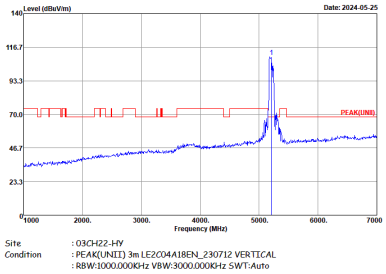
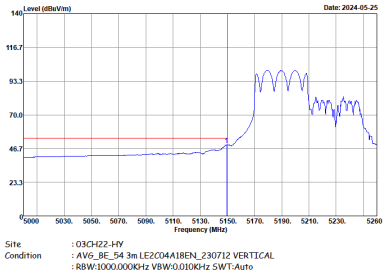
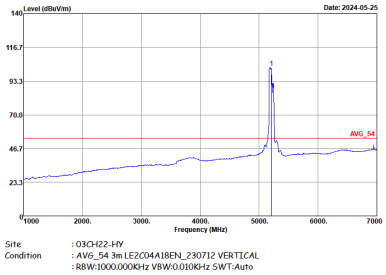
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

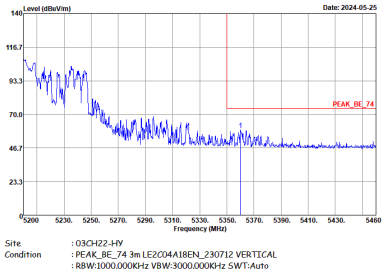
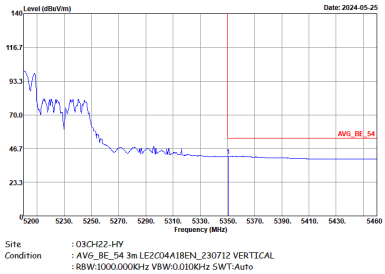
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
6+7	Horizontal	Fundamental
Peak		
Avg.		

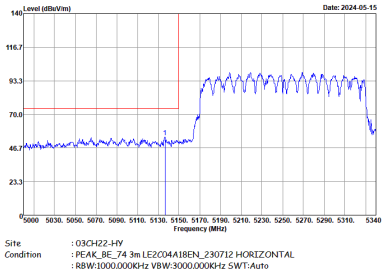
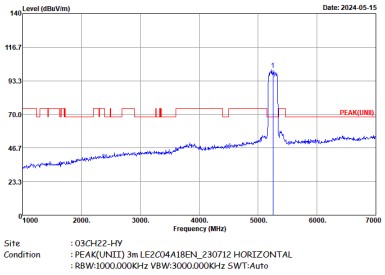
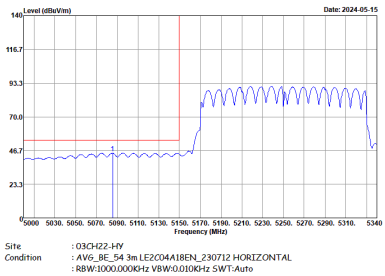
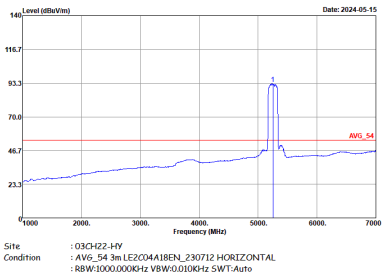
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

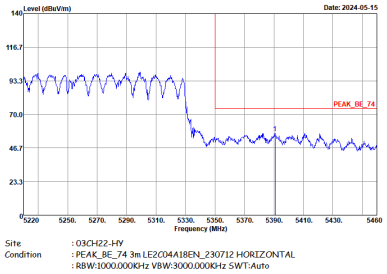
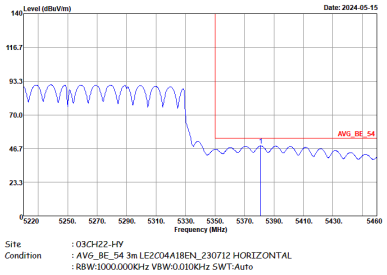
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

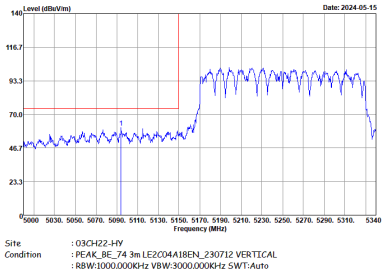
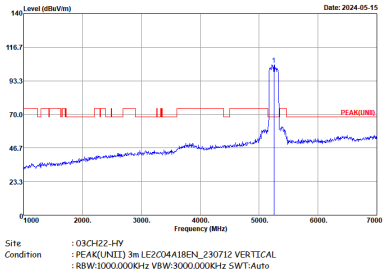
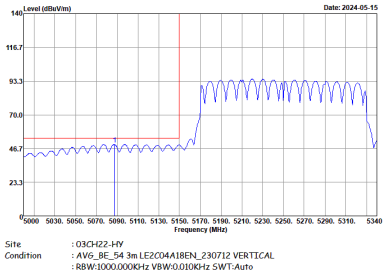
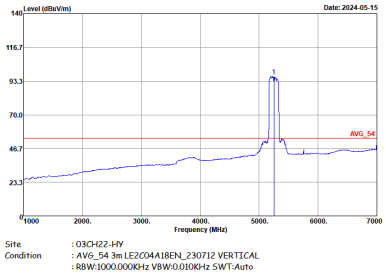
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

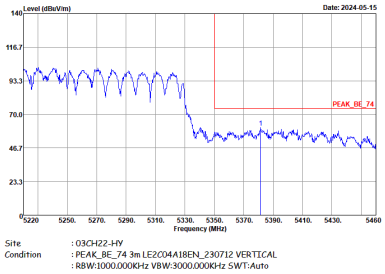
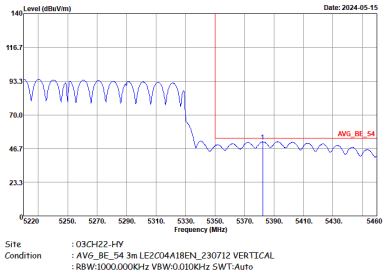
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
6+7	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
6+7	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
6+7	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank