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
FR443061F	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)	6dB & 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 5933.60 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

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>Tx/Rx Frequency Range</td><td>5745 MHz ~ 5825 MHz</td></tr>
<tr><td>Maximum Output Power to Antenna</td><td>MIMO <Ant. 6+7>
802.11a: 24.47 dBm / 0.2799 W
802.11n HT20: 23.27 dBm / 0.2123 W
802.11n HT40: 22.71 dBm / 0.1866 W
802.11ac VHT20: 23.56 dBm / 0.2270 W
802.11ac VHT40: 22.81 dBm / 0.1910 W
802.11ac VHT80: 21.11 dBm / 0.1291 W
802.11ax HE20: 23.86 dBm / 0.2432 W
802.11ax HE40: 22.96 dBm / 0.1977 W
802.11ax HE80: 21.21 dBm / 0.1321 W</td></tr>
<tr><td>99% Occupied Bandwidth</td><td>MIMO <Ant. 6>
802.11a: 22.88
802.11ac VHT20: 25.02 MHz
802.11ac VHT40: 36.46 MHz
802.11ac VHT80: 75.40 MHz
802.11ax HE20: 19.73 MHz
802.11ax HE40: 38.26 MHz
802.11ax HE80: 77.32 MHz
MIMO <Ant. 7>
802.11a: 18.58 MHz
802.11ac VHT20: 27.47 MHz
802.11ac VHT40: 36.36 MHz
802.11ac VHT80: 75.40 MHz
802.11ax HE20: 19.18 MHz
802.11ax HE40: 38.26 MHz
802.11ax HE80: 77.20 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><Ant. 6>: PIFA Antenna with gain 1.46 dBi
<Ant. 7>: PIFA Antenna with gain 1.80 dBi</td></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>802.11a/n/ac 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.

1.1.1 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 IV	1.46	1.80	1.80	4.64	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT6}= 1.46dBi; G_{ANT7}=1.80dBi

Directional gain of power measurement = max(1.46, 1.80) + 0 = 1.80 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (1.46 dBi / 20) + 10^ (1.80 dBi / 20)] ^ 2 } / 2 }

= 4.64 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.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 6	Ant 7	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band IV	1.46	1.80	4.64	4.64	0.00	0.00

Calculation example:

Directional gain is derived from formula which is

10 x log { { [10^ (1.46 dBi / 20) + 10^ (1.80 dBi / 20)] ^ 2 } / 2 }

= 4.64 dBi

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- 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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

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

2.2 Test Mode

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

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

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

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

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

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

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + MPEG4 + USB Cable Cup + Type C USB Cable (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).	

<Sample 1>

Ch. #		Band IV：5725-5850 MHz
		802.11ac VHT40
L	Low	-
M	Middle	-
H	High	159

Ch. #		Band IV：5725-5850 MHz			
		802.11a	802.11ax HE20	802.11ax HE40	802.11ax HE80
L	Low	149	149	151	-
M	Middle	157	157	-	155
H	High	165	165	159	-

<Sample 2>

Ch. #		Band IV：5725-5850 MHz
		802.11ax HE40
L	Low	-
M	Middle	-
H	High	159

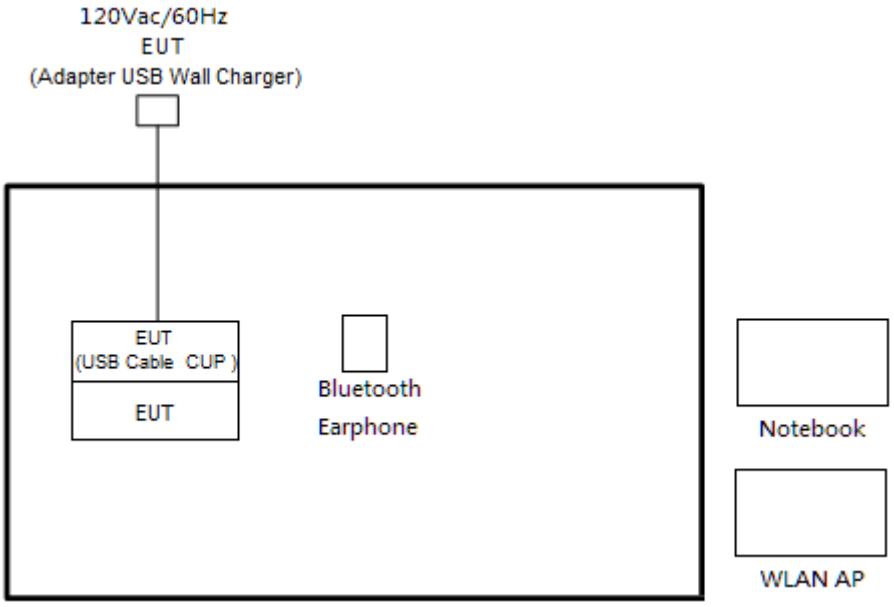
<Sample 3>

Ch. #		Band IV：5725-5850 MHz
		802.11ax HE40
L	Low	-
M	Middle	-
H	High	159

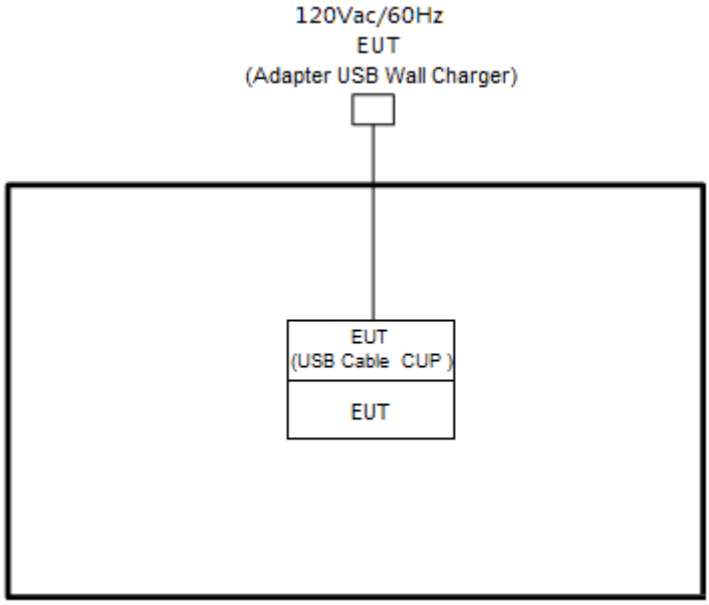
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

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 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

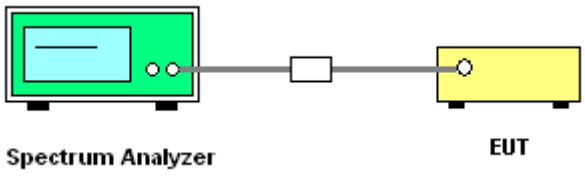
3.1.2 Measuring Instruments

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 for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

3.2.2 Measuring Instruments

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

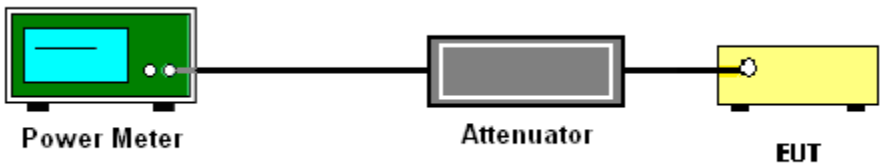
3.2.3 Test Procedures

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

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

 # Method SA-2 #

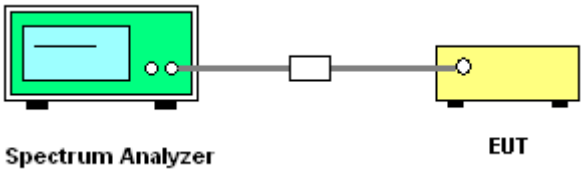
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300kHz.
- Set VBW ≥ 1 MHz.
- Add 10 log (500 kHz/RBW) to the measured result, whereas RBW (<500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement
- 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 (c): Measure and add 10 log(N_{ANT}) dB.
   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The

addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

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 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(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

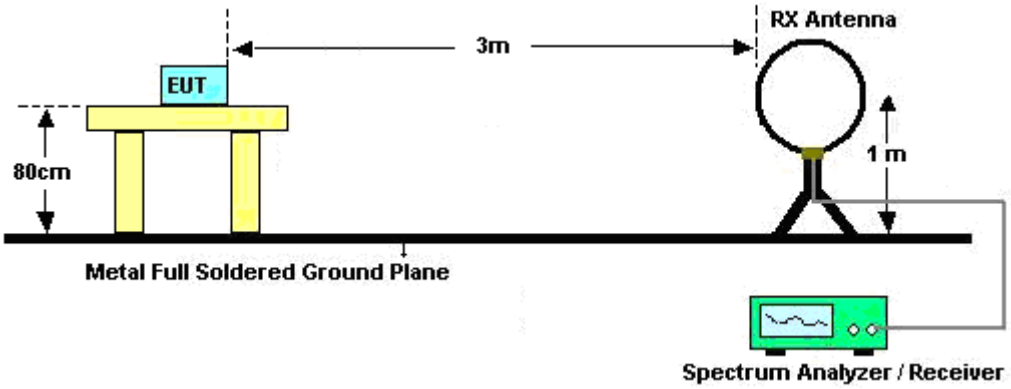
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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 "-".

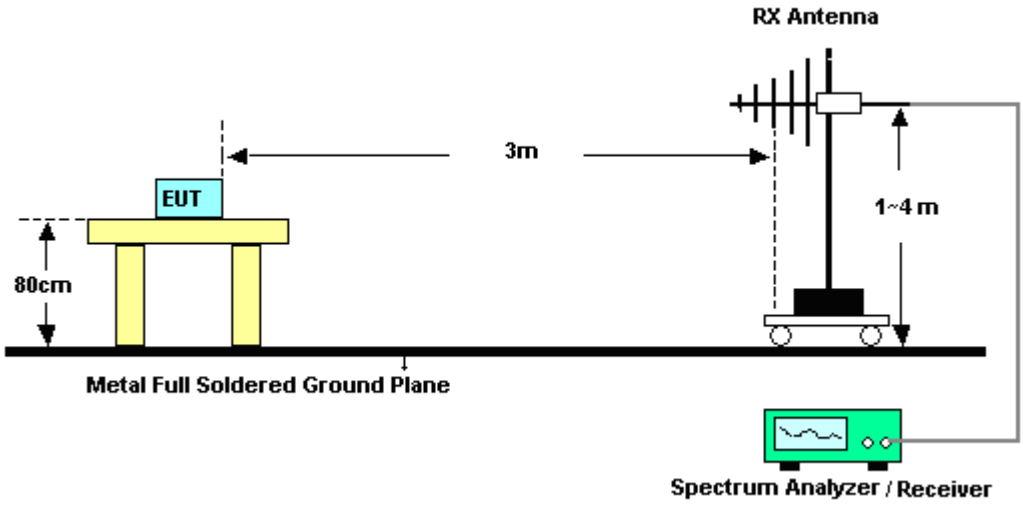
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies.
   When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

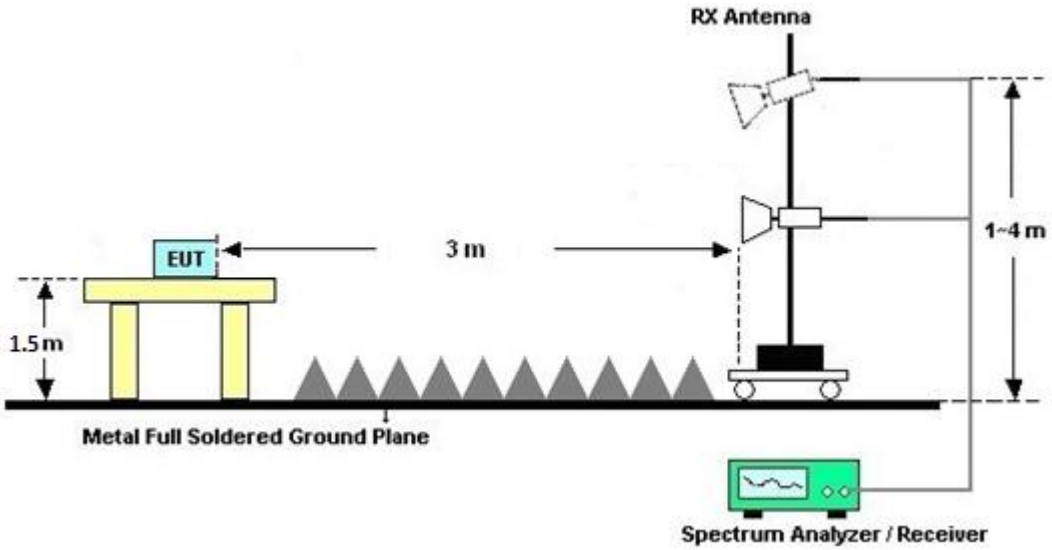
For radiated emissions below 30MHz



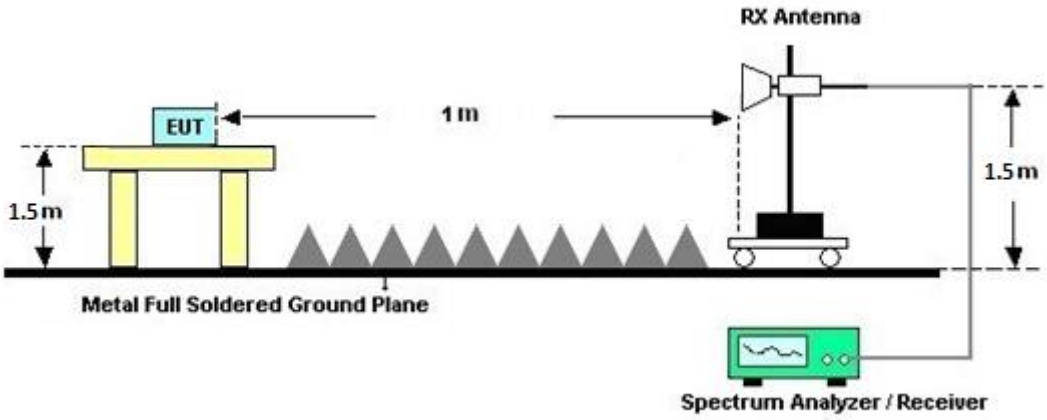
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated 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 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 Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

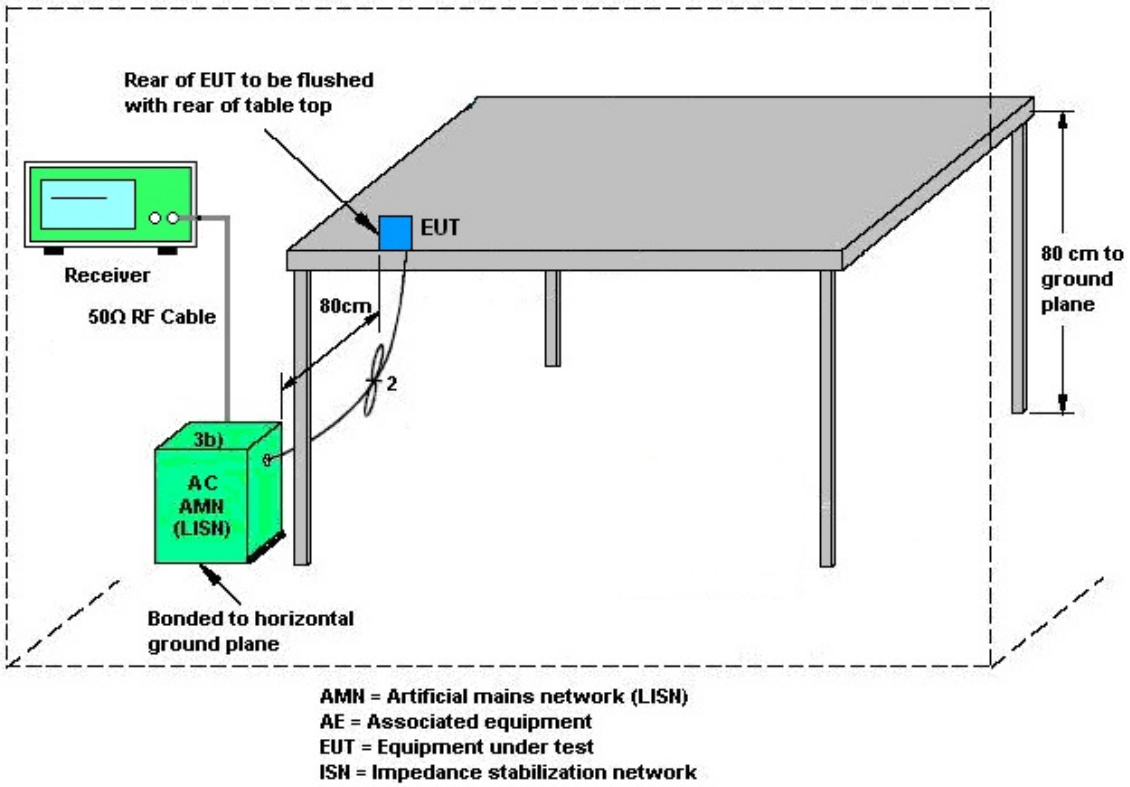
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	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)
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_2019122	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	804390/2,804611/2,804615/2	N/A	Oct. 24, 2023	May 07, 2024~ Jun. 20, 2024	Oct. 23, 2024	Radiation (03CH22-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	May 09, 2024~ May 29, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO36 (NO:35)	10MHz~6GHz	Aug. 23, 2023	May 09, 2024~ May 29, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101564	10Hz ~ 40GHz	Sep. 12, 2023	May 09, 2024~ May 29, 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:	2024/05/09~2024/05/29	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	149	5745	22.88	18.58	44.51	37.50	16.34	16.33	0.5	Pass
11a	6Mbps	2	157	5785	19.13	17.33	39.70	31.01	16.31	16.30	0.5	Pass
11a	6Mbps	2	165	5825	19.73	17.33	38.29	31.80	16.32	16.30	0.5	Pass
VHT20	MCS0	2	149	5745	23.93	27.47	44.65	54.66	17.73	17.73	0.5	Pass
VHT20	MCS0	2	157	5785	23.78	21.83	49.66	45.59	17.73	17.73	0.5	Pass
VHT20	MCS0	2	165	5825	25.02	19.78	53.61	42.08	17.72	17.74	0.5	Pass
VHT40	MCS0	2	151	5755	36.36	36.36	41.79	41.14	35.69	36.05	0.5	Pass
VHT40	MCS0	2	159	5795	36.46	36.36	42.02	40.82	36.03	35.92	0.5	Pass
VHT80	MCS0	2	155	5775	75.40	75.40	83.42	82.98	75.12	75.14	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO												
Mod.	Data Rate	NTX	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	149	5745	21.20	21.40	24.31	30.00		1.80		Pass
11a	6Mbps	2	157	5785	21.20	21.40	24.31	30.00		1.80		Pass
11a	6Mbps	2	165	5825	21.20	21.70	24.47	30.00		1.80		Pass
HT20	MCS0	2	149	5745	20.00	20.50	23.27	30.00		1.80		Pass
HT20	MCS0	2	157	5785	20.00	20.40	23.21	30.00		1.80		Pass
HT20	MCS0	2	165	5825	20.00	20.40	23.21	30.00		1.80		Pass
HT40	MCS0	2	151	5755	19.20	19.10	22.16	30.00		1.80		Pass
HT40	MCS0	2	159	5795	19.80	19.60	22.71	30.00		1.80		Pass
VHT20	MCS0	2	149	5745	20.50	20.60	23.56	30.00		1.80		Pass
VHT20	MCS0	2	157	5785	20.50	20.50	23.51	30.00		1.80		Pass
VHT20	MCS0	2	165	5825	20.50	20.50	23.51	30.00		1.80		Pass
VHT40	MCS0	2	151	5755	19.30	19.20	22.26	30.00		1.80		Pass
VHT40	MCS0	2	159	5795	19.90	19.70	22.81	30.00		1.80		Pass
VHT80	MCS0	2	155	5775	18.20	18.00	21.11	30.00		1.80		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	149	5745	2.22		6.23	6.64	9.65	30.00		4.64		Pass
11a	6Mbps	2	157	5785	2.22		6.00	6.25	9.26	30.00		4.64		Pass
11a	6Mbps	2	165	5825	2.22		6.02	6.60	9.61	30.00		4.64		Pass
VHT20	MCS0	2	149	5745	2.22		4.77	5.05	8.06	30.00		4.64		Pass
VHT20	MCS0	2	157	5785	2.22		4.64	4.75	7.76	30.00		4.64		Pass
VHT20	MCS0	2	165	5825	2.22		4.66	5.13	8.14	30.00		4.64		Pass
VHT40	MCS0	2	151	5755	2.22		1.21	0.89	4.22	30.00		4.64		Pass
VHT40	MCS0	2	159	5795	2.22		1.42	1.47	4.48	30.00		4.64		Pass
VHT80	MCS0	2	155	5775	2.22		-3.42	-3.49	-0.41	30.00		4.64		Pass

Note: PSD Sum = Max PSD(Ant. 6, Ant. 7) + 10 log (n)

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	149	5745	Full	19.73	19.18	40.81	30.58	18.70	18.64	0.5	Pass
HE20	MCS0	2	157	5785	Full	19.18	19.13	28.62	32.35	18.57	18.43	0.5	Pass
HE20	MCS0	2	165	5825	Full	19.08	19.13	29.06	26.38	18.28	18.34	0.5	Pass
HE40	MCS0	2	151	5755	Full	38.16	38.06	62.38	41.60	37.81	37.07	0.5	Pass
HE40	MCS0	2	159	5795	Full	38.26	38.26	59.50	48.74	37.88	37.85	0.5	Pass
HE80	MCS0	2	155	5775	Full	77.32	77.20	82.18	83.17	75.94	75.23	0.5	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	149	5745	Full	2.22		5.39	5.72	8.73	30.00		4.64		Pass
HE20	MCS0	2	149	5745	26/0	2.22		5.02	5.03	8.04	30.00		4.64		Pass
HE20	MCS0	2	149	5745	52/37	2.22		5.26	5.39	8.40	30.00		4.64		Pass
HE20	MCS0	2	149	5745	106/53	2.22		5.60	5.52	8.61	30.00		4.64		Pass
HE20	MCS0	2	157	5785	Full	2.22		4.72	4.96	7.97	30.00		4.64		Pass
HE20	MCS0	2	157	5785	26/4	2.22		4.74	4.55	7.75	30.00		4.64		Pass
HE20	MCS0	2	157	5785	52/38	2.22		4.84	4.86	7.87	30.00		4.64		Pass
HE20	MCS0	2	157	5785	106/53	2.22		4.58	4.28	7.59	30.00		4.64		Pass
HE20	MCS0	2	165	5825	Full	2.22		4.87	5.42	8.43	30.00		4.64		Pass
HE20	MCS0	2	165	5825	26/8	2.22		4.41	4.88	7.89	30.00		4.64		Pass
HE20	MCS0	2	165	5825	52/40	2.22		4.92	5.14	8.15	30.00		4.64		Pass
HE20	MCS0	2	165	5825	106/54	2.22		4.66	5.10	8.11	30.00		4.64		Pass
HE40	MCS0	2	151	5755	Full	2.22		1.22	1.08	4.23	30.00		4.64		Pass
HE40	MCS0	2	151	5755	242/61	2.22		0.71	1.05	4.06	30.00		4.64		Pass
HE40	MCS0	2	159	5795	Full	2.22		1.36	1.41	4.42	30.00		4.64		Pass
HE40	MCS0	2	159	5795	242/62	2.22		0.71	1.15	4.16	30.00		4.64		Pass
HE80	MCS0	2	155	5775	Full	2.22		-3.30	-3.53	-0.29	30.00		4.64		Pass
HE80	MCS0	2	155	5775	484/65	2.22		-3.44	-3.32	-0.31	30.00		4.64		Pass
HE80	MCS0	2	155	5775	484/66	2.22		-3.38	-3.55	-0.37	30.00		4.64		Pass

Note: PSD Sum = Max PSD(Ant. 6, Ant. 7) + 10 log (n)

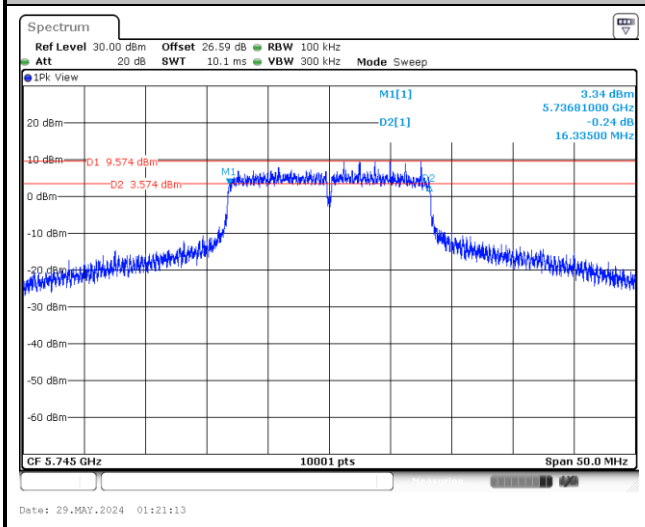
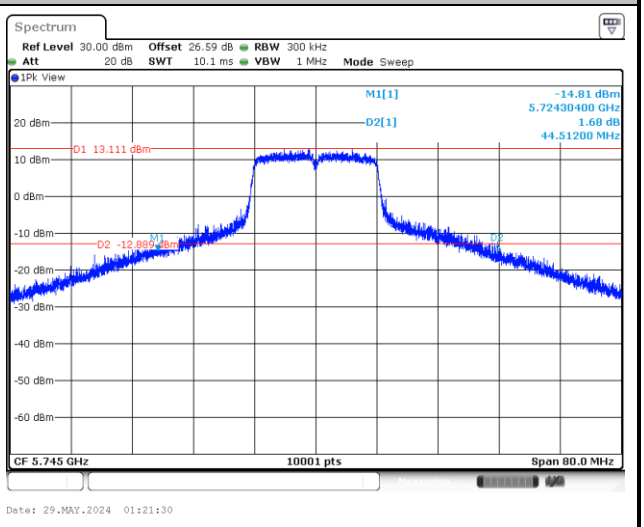
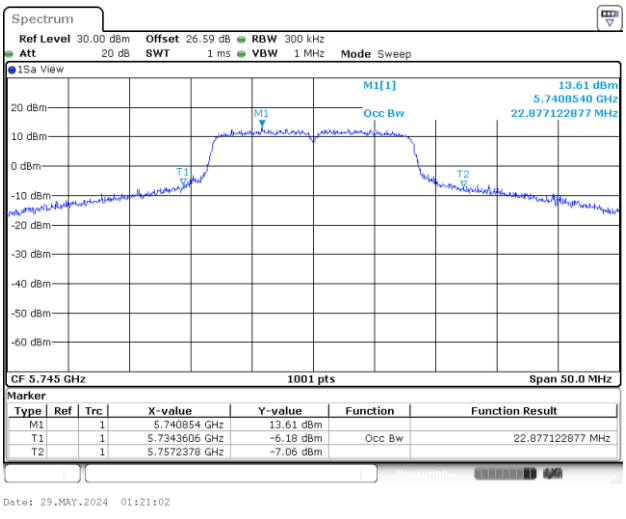
TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO													
Mod.	Data Rate	NTX	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	149	5745	Full	20.70	21.00	23.86	30.00		1.80		Pass
HE20	MCS0	2	149	5745	26/0	11.20	11.30	14.26	30.00		1.80		Pass
HE20	MCS0	2	149	5745	52/37	14.60	14.70	17.66	30.00		1.80		Pass
HE20	MCS0	2	149	5745	106/53	18.00	17.90	20.96	30.00		1.80		Pass
HE20	MCS0	2	157	5785	Full	20.40	20.80	23.61	30.00		1.80		Pass
HE20	MCS0	2	157	5785	26/4	11.10	10.80	13.96	30.00		1.80		Pass
HE20	MCS0	2	157	5785	52/38	14.40	14.30	17.36	30.00		1.80		Pass
HE20	MCS0	2	157	5785	106/53	17.30	17.00	20.16	30.00		1.80		Pass
HE20	MCS0	2	165	5825	Full	20.50	20.80	23.66	30.00		1.80		Pass
HE20	MCS0	2	165	5825	26/8	10.70	11.20	13.97	30.00		1.80		Pass
HE20	MCS0	2	165	5825	52/40	14.40	14.50	17.46	30.00		1.80		Pass
HE20	MCS0	2	165	5825	106/54	17.20	17.50	20.36	30.00		1.80		Pass
HE40	MCS0	2	151	5755	Full	19.50	19.20	22.36	30.00		1.80		Pass
HE40	MCS0	2	151	5755	242/61	16.70	17.10	19.91	30.00		1.80		Pass
HE40	MCS0	2	159	5795	Full	20.00	19.90	22.96	30.00		1.80		Pass
HE40	MCS0	2	159	5795	242/62	17.00	17.30	20.16	30.00		1.80		Pass
HE80	MCS0	2	155	5775	Full	18.30	18.10	21.21	30.00		1.80		Pass
HE80	MCS0	2	155	5775	484/65	15.70	15.60	18.66	30.00		1.80		Pass
HE80	MCS0	2	155	5775	484/66	15.60	15.30	18.46	30.00		1.80		Pass

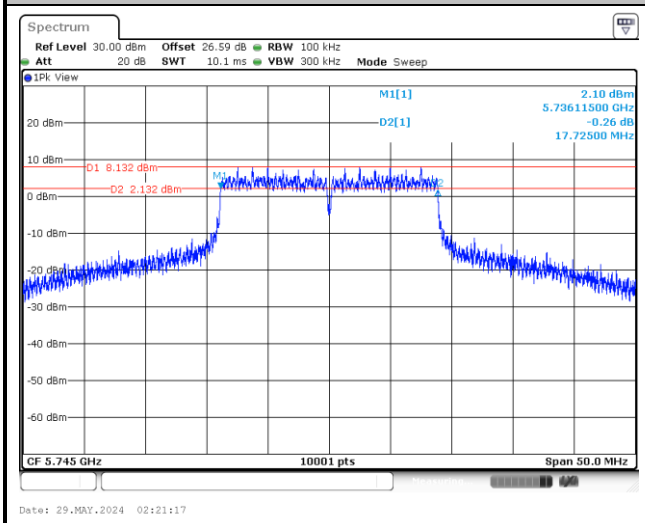
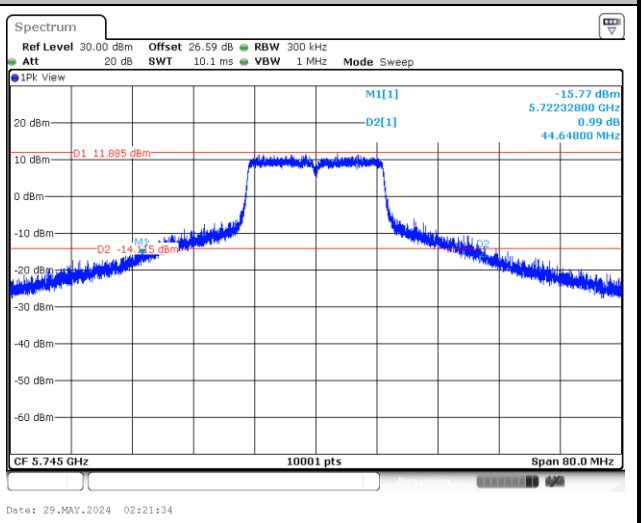
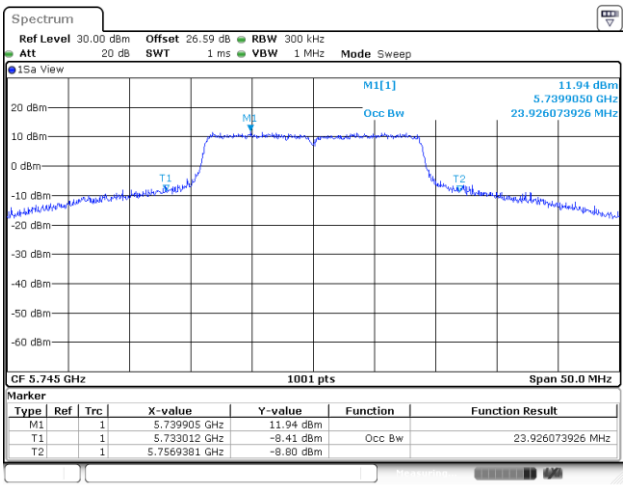
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 6+7>

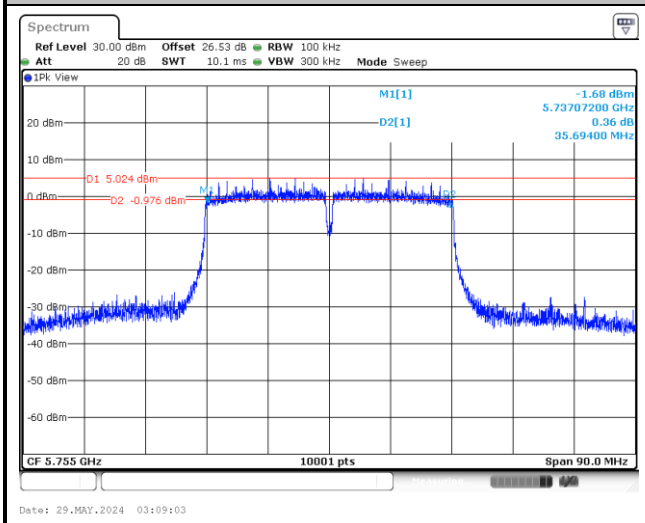
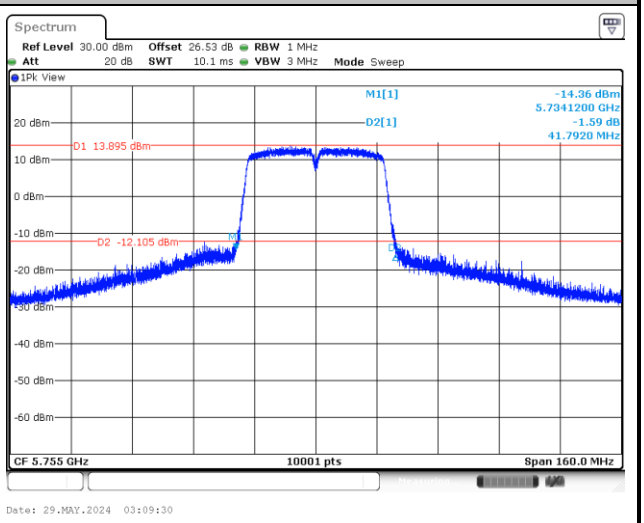
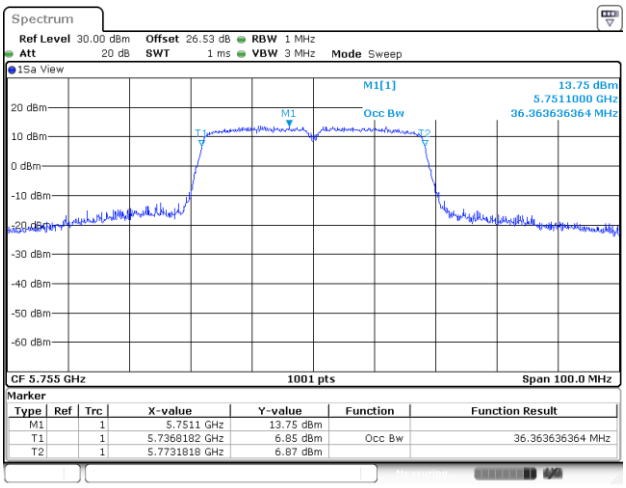
<802.11a>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

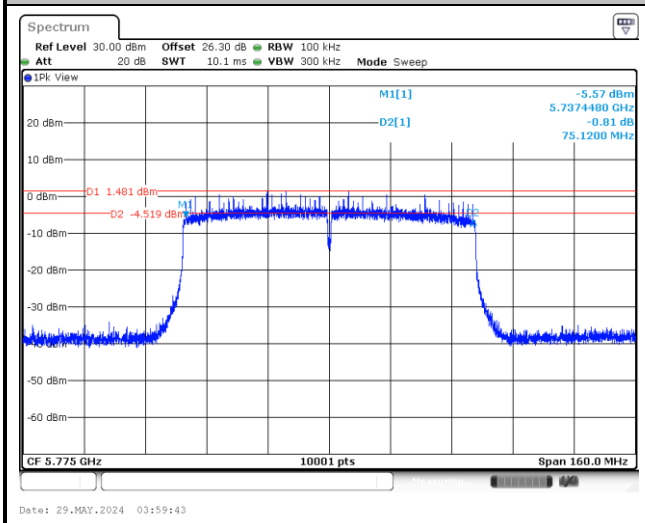
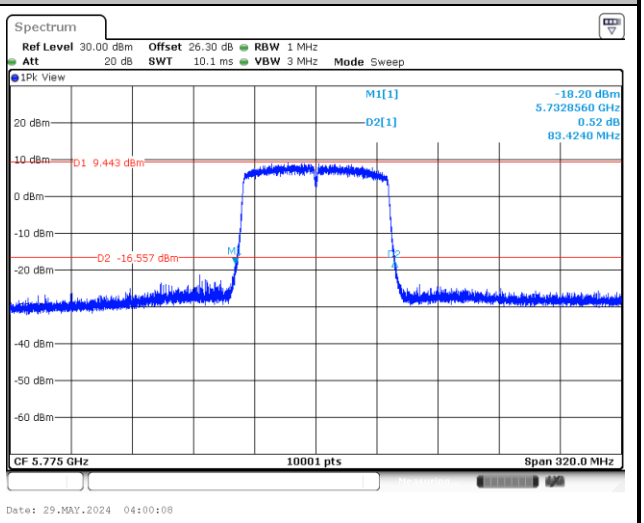
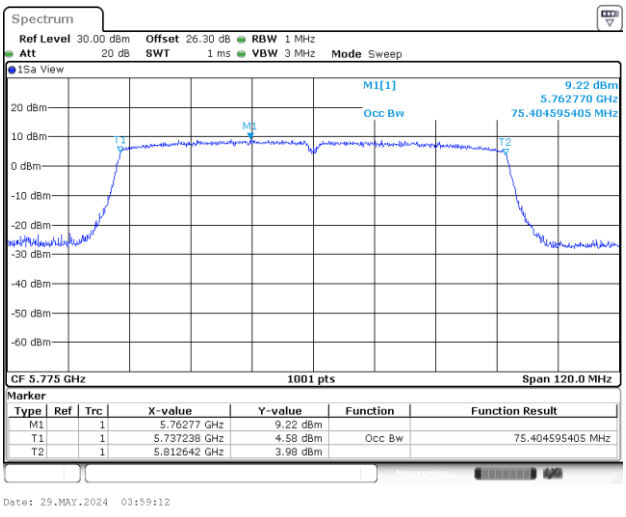
<802.11ac VHT20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

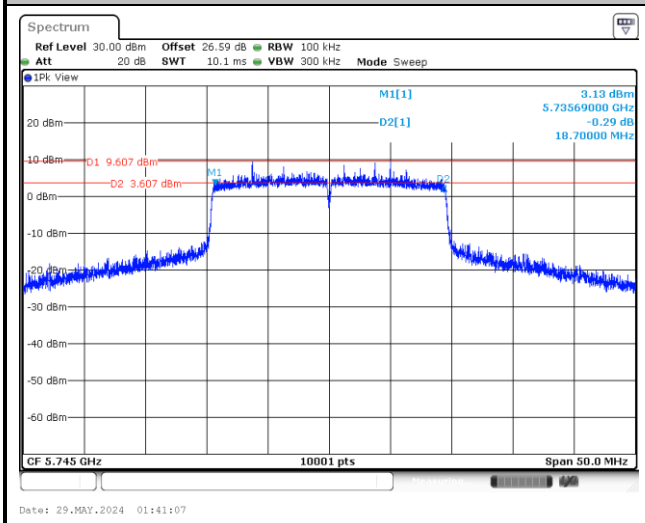
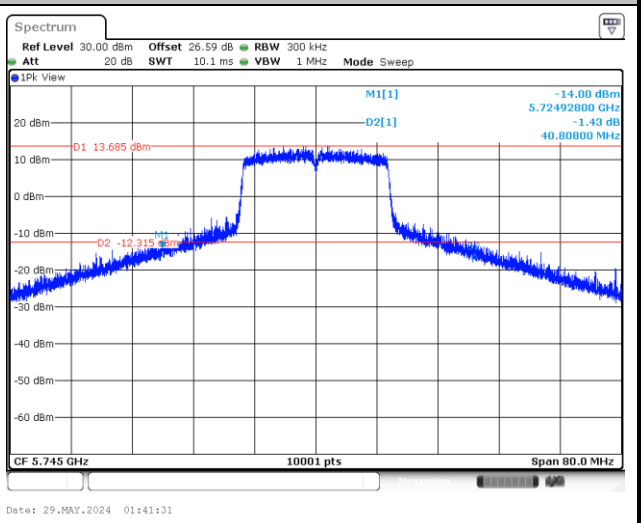
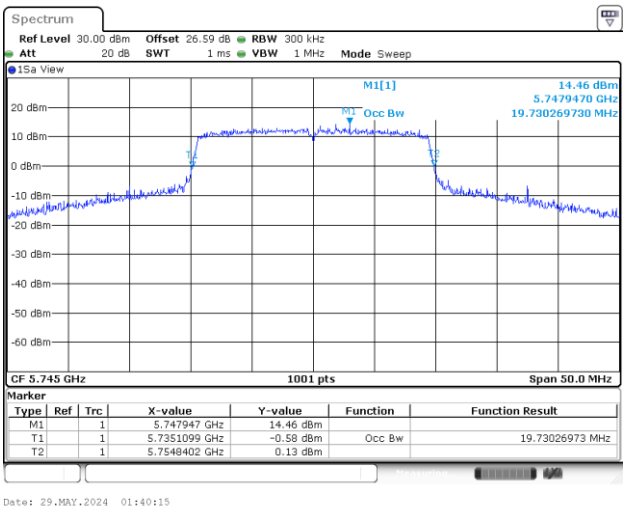
<802.11ac VHT40>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

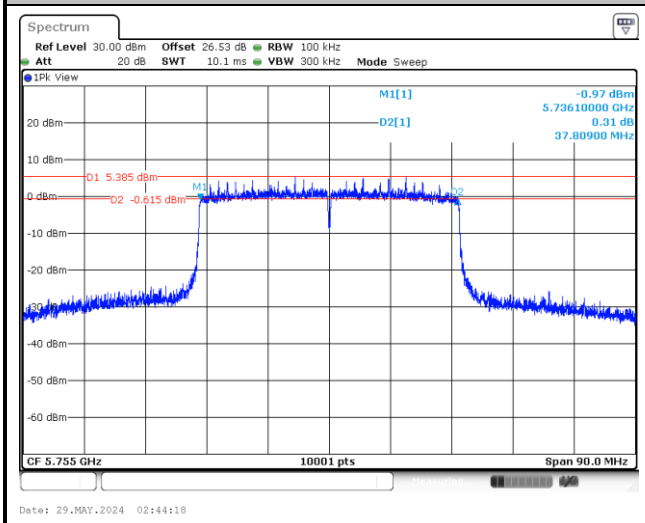
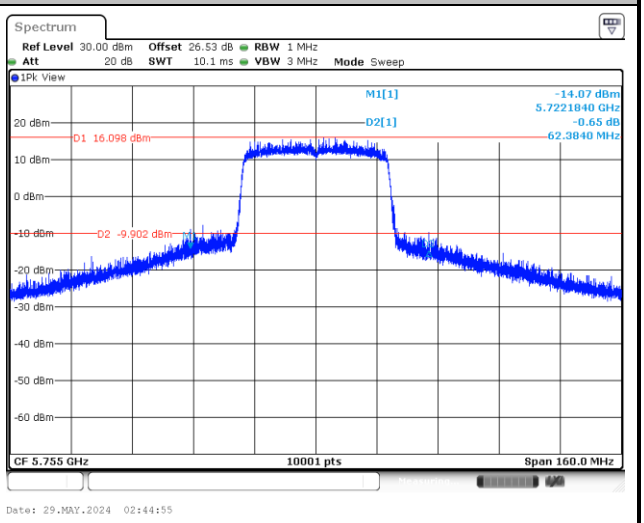
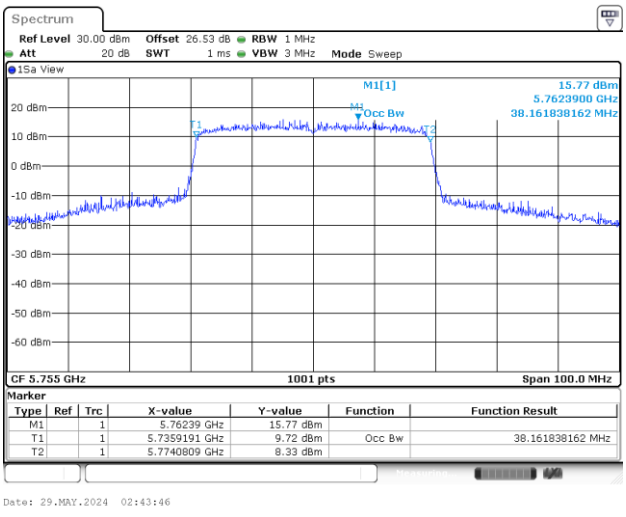
<802.11ac VHT80>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

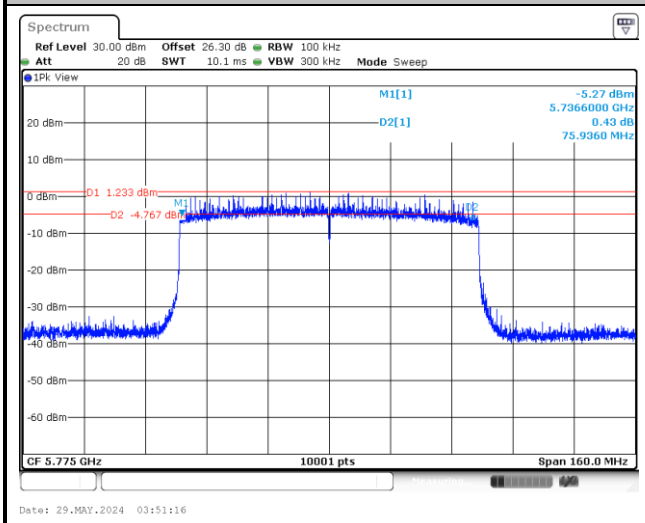
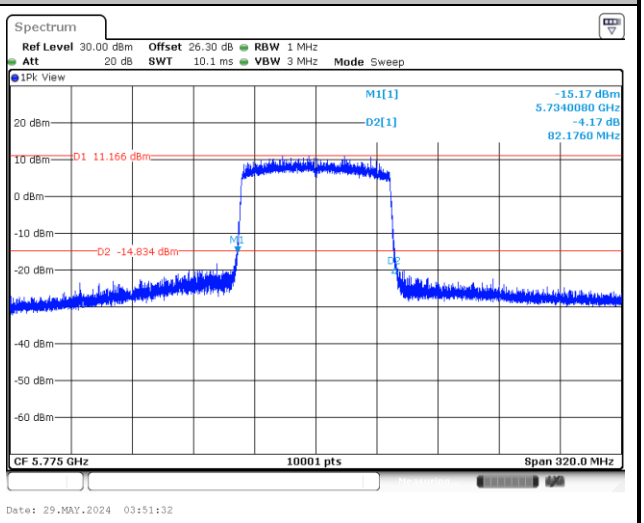
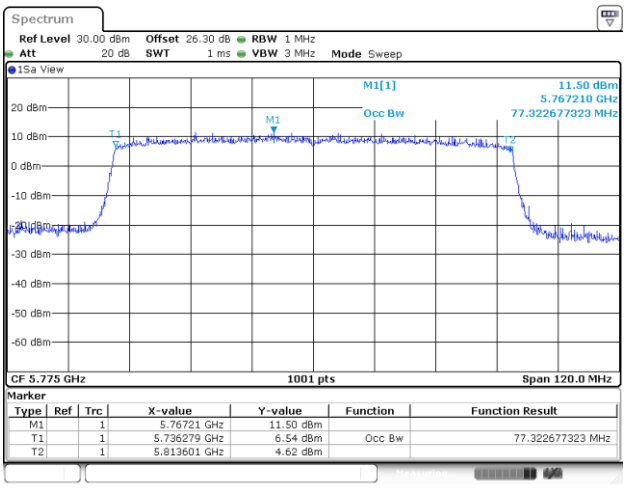
<802.11ax HE20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ax HE40>

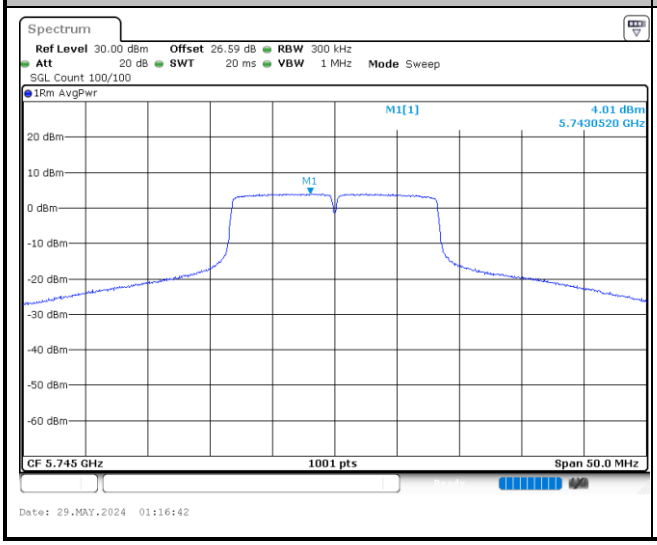
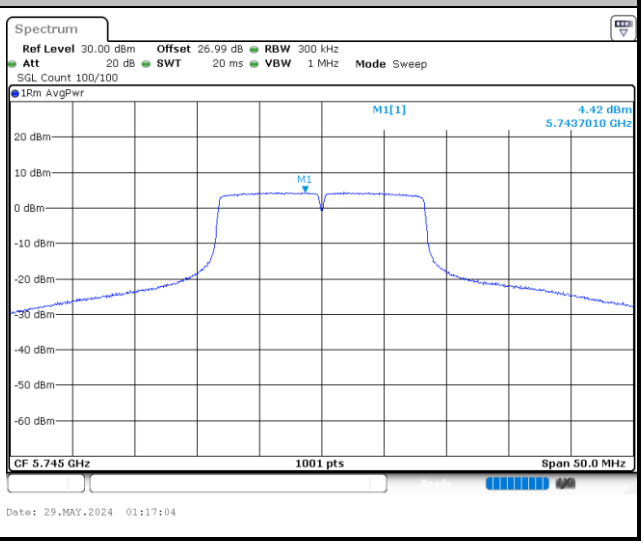
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ax HE80>

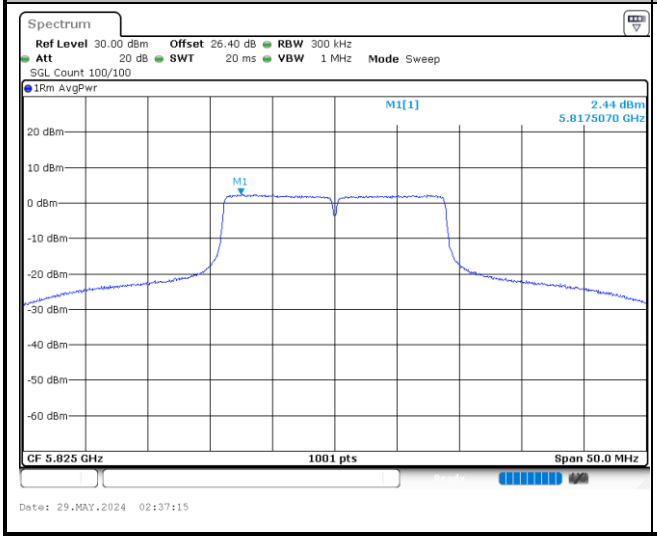
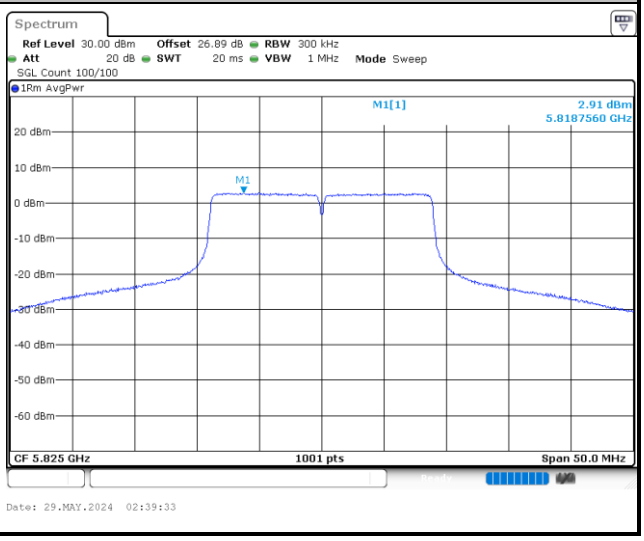
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

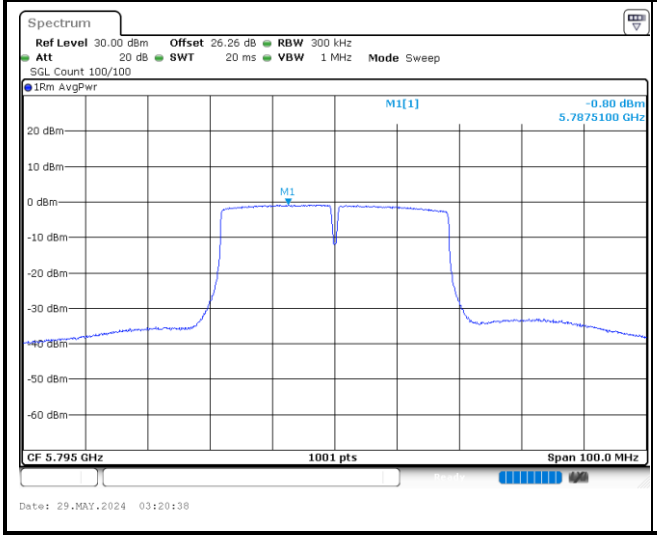
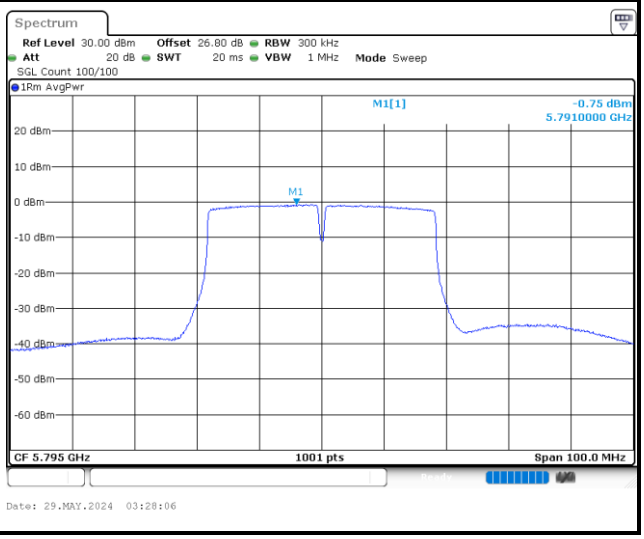
<802.11a>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	MIMO Ant. 7
	

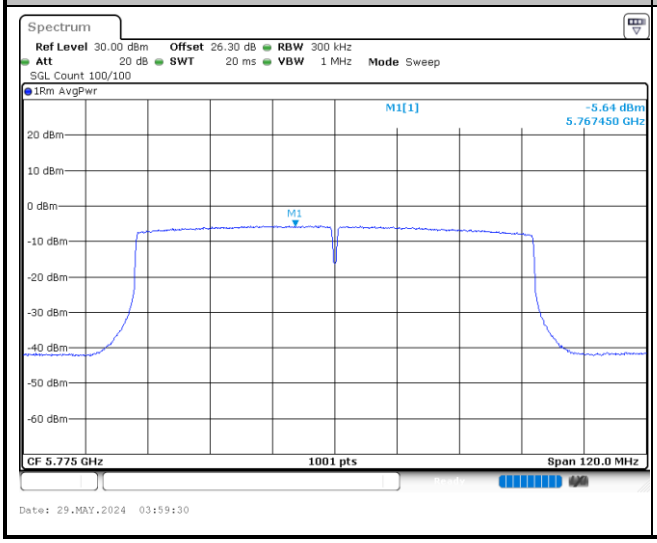
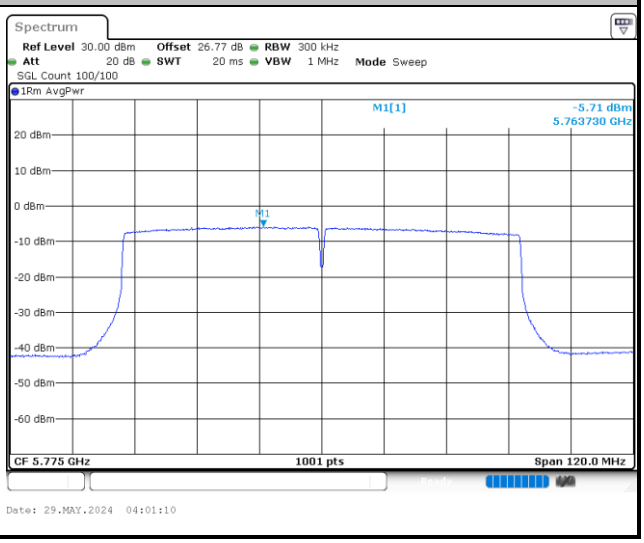
<802.11ac VHT20>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	MIMO Ant. 7
	

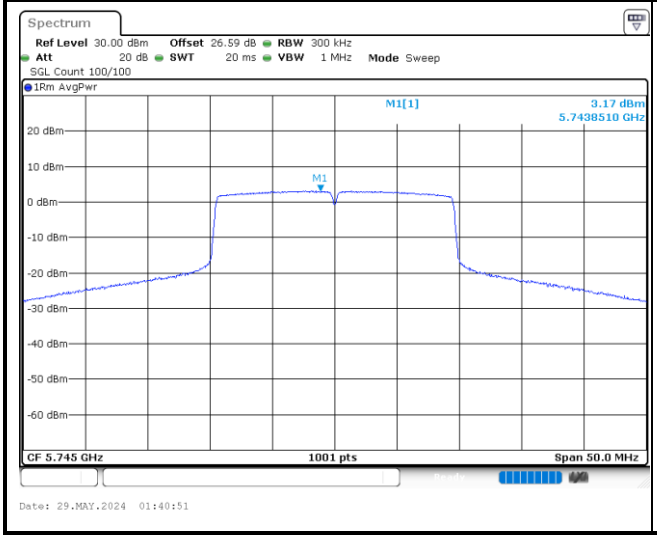
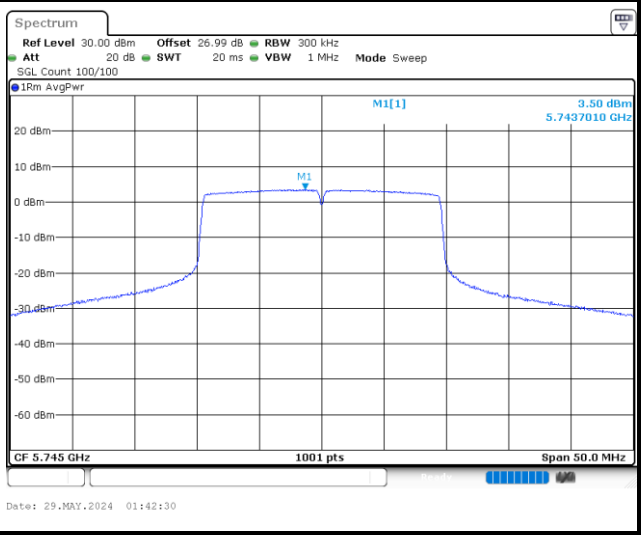
<802.11ac VHT40>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	**MIMO Ant. 7**
	

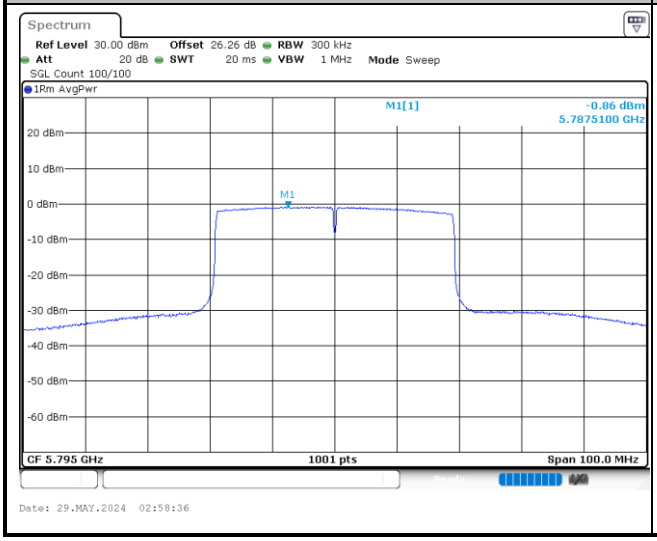
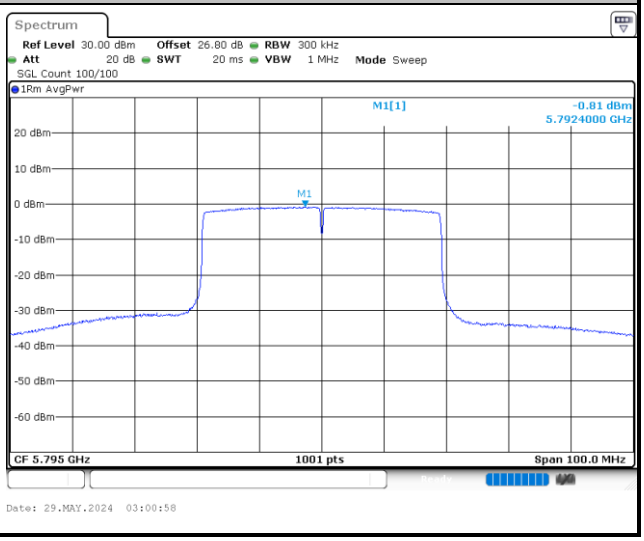
<802.11ac VHT80>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	**MIMO Ant. 7**
	

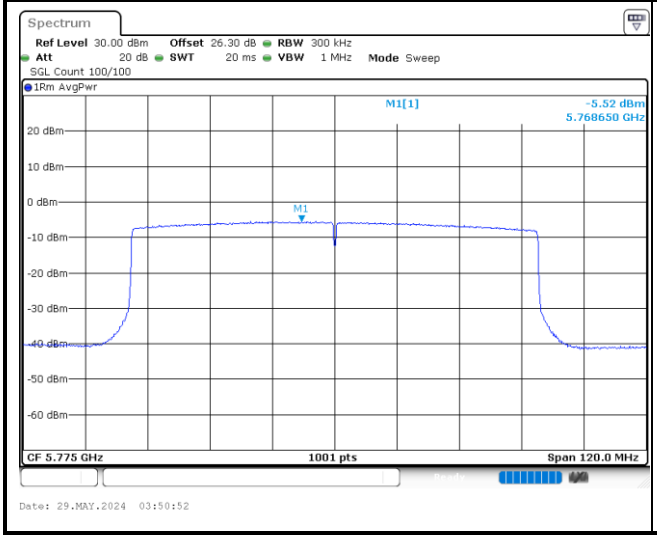
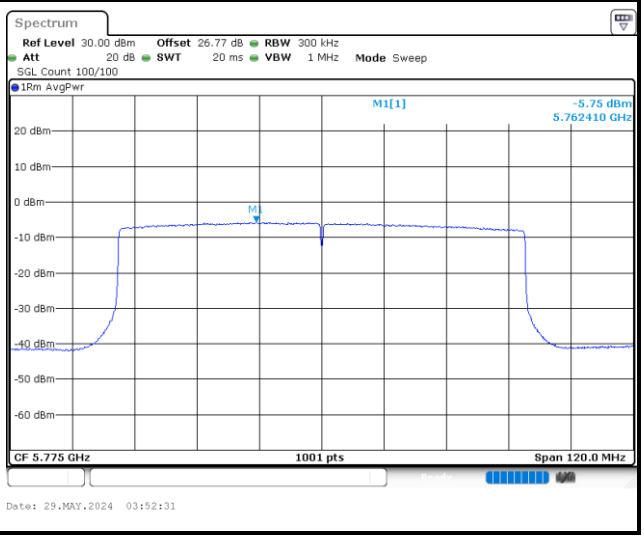
<802.11ax HE20>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	**MIMO Ant. 7**
	

<802.11ax HE40>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	**MIMO Ant. 7**
	

<802.11ax HE80>

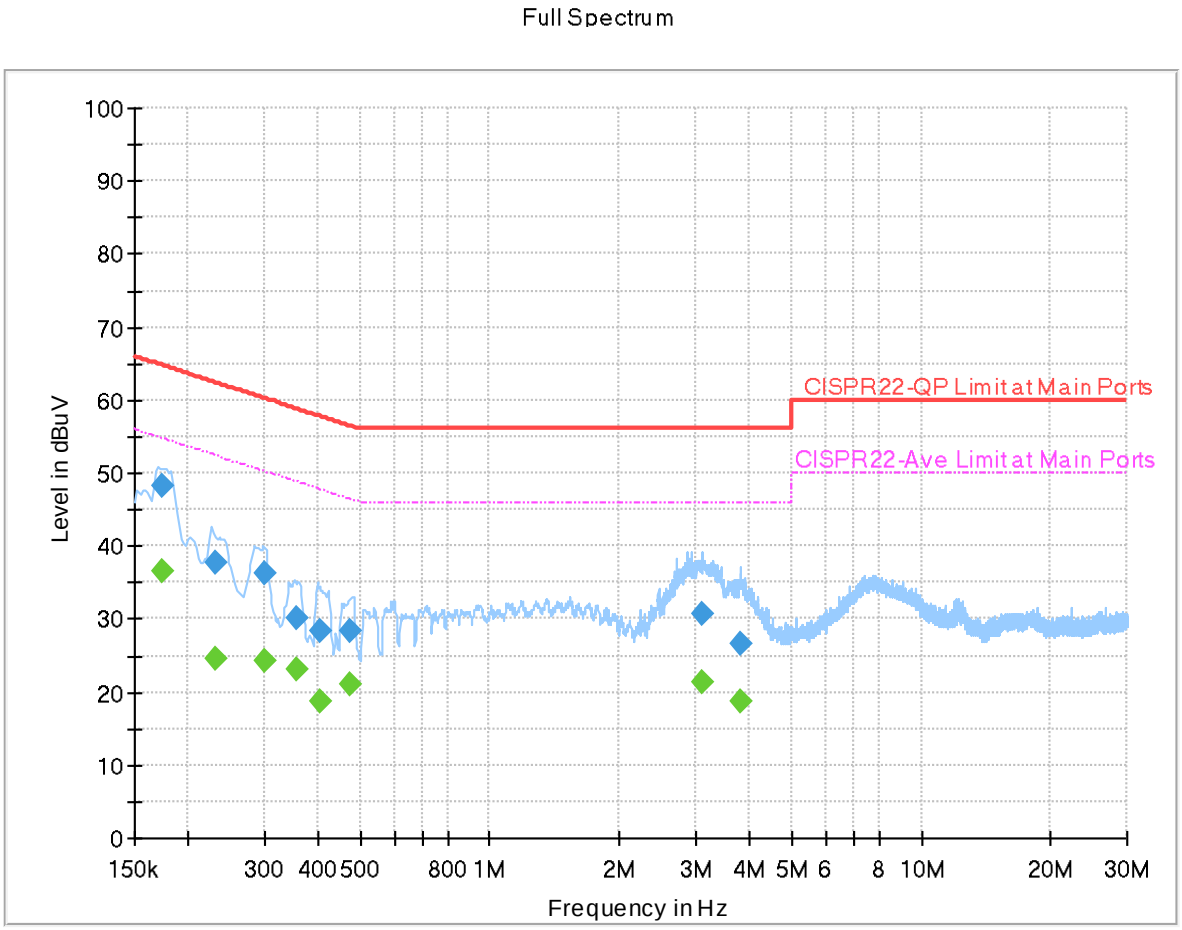
Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 6	**MIMO Ant. 7**
	

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

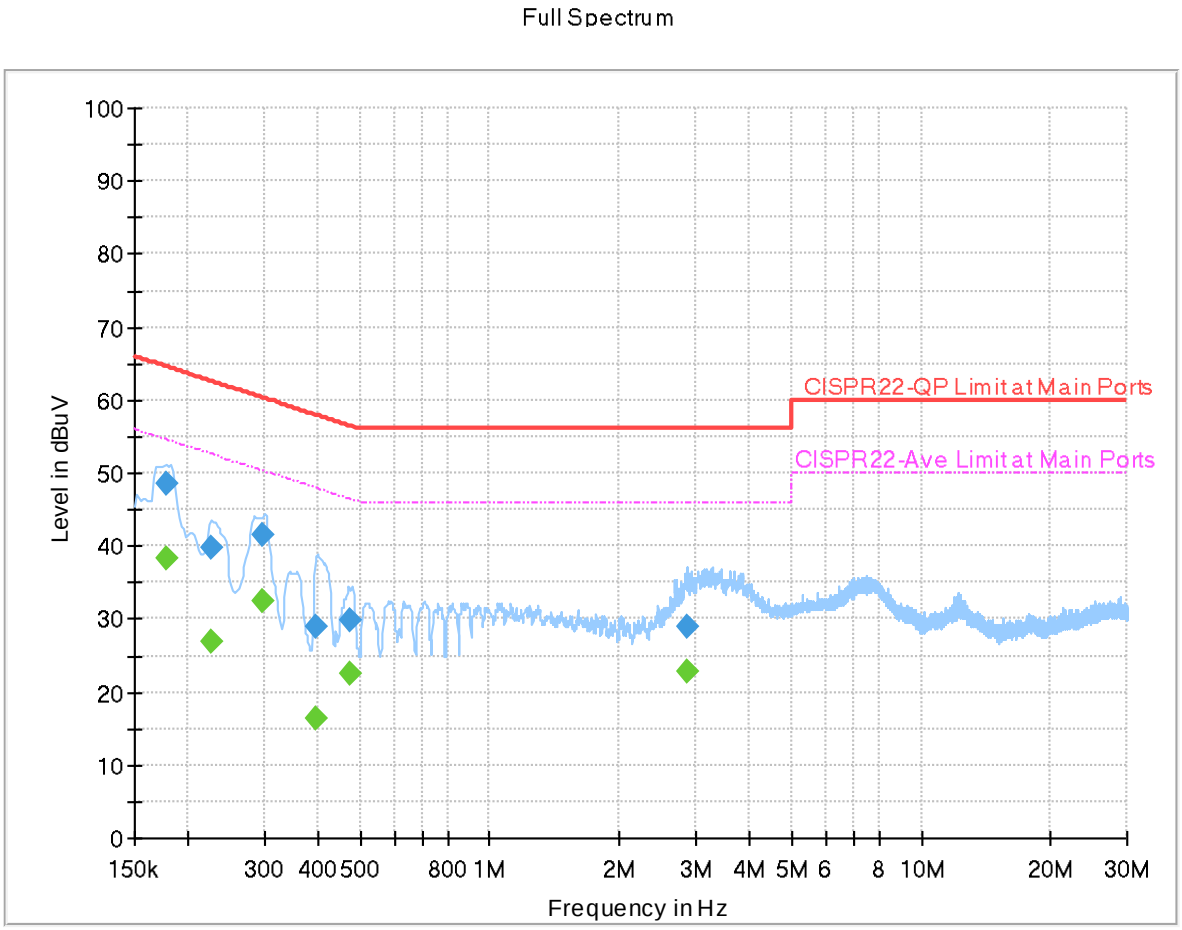


Final_Result

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%

<Sample 1>

Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
6+7		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5649.05	55.94	-12.26	68.2	43.36	33.49	13.44	34.35	127	14	P	H
		5696.975	72.07	-30.9	102.97	59.25	33.69	13.52	34.39	127	14	P	H
		5718.575	82.37	-28.03	110.4	69.42	33.81	13.55	34.41	127	14	P	H
		5722.85	86.03	-31.27	117.3	73.05	33.84	13.55	34.41	127	14	P	H
	*	5745	116.39	-	-	103.26	33.97	13.59	34.43	127	14	P	H
	*	5745	109.51	-	-	96.38	33.97	13.59	34.43	127	14	A	H
													H
													H
		5641.625	60.14	-8.06	68.2	47.61	33.45	13.43	34.35	290	0	P	V
		5699.225	77.31	-27.32	104.63	64.48	33.7	13.52	34.39	290	0	P	V
		5719.925	89.25	-21.53	110.78	76.29	33.82	13.55	34.41	290	0	P	V
		5724.425	92.37	-28.52	120.89	79.37	33.85	13.56	34.41	290	0	P	V
	*	5745	121.11	-	-	107.98	33.97	13.59	34.43	290	0	P	V
	*	5745	114.25	-	-	101.12	33.97	13.59	34.43	290	0	A	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)
		5641	52.89	-15.31	68.2	40.36	33.45	13.43	34.35	200	128	P	H
		5698.75	59.45	-44.83	104.28	46.63	33.69	13.52	34.39	200	128	P	H
		5718.25	65.82	-44.49	110.31	52.87	33.81	13.55	34.41	200	128	P	H
		5723.5	66.66	-52.12	118.78	53.67	33.84	13.56	34.41	200	128	P	H
	*	5785	111.35	-	-	98.16	34	13.65	34.46	200	128	P	H
	*	5785	104.23	-	-	91.04	34	13.65	34.46	200	128	A	H
		5850.75	66.04	-54.45	120.49	52.94	33.9	13.71	34.51	200	128	P	H
		5855	61.97	-48.83	110.8	48.86	33.91	13.71	34.51	200	128	P	H
		5876.5	59.17	-44.92	104.09	46.03	33.95	13.72	34.53	200	128	P	H
		5931.5	52.44	-15.76	68.2	39.25	34	13.76	34.57	200	128	P	H
													H
802.11a CH 157 5785MHz													H
		5647	56.55	-11.65	68.2	43.98	33.48	13.44	34.35	333	359	P	V
		5693.75	64.26	-36.33	100.59	51.47	33.67	13.51	34.39	333	359	P	V
		5718.25	70.17	-40.14	110.31	57.22	33.81	13.55	34.41	333	359	P	V
		5725	71.66	-50.54	122.2	58.66	33.85	13.56	34.41	333	359	P	V
	*	5785	119.76	-	-	106.57	34	13.65	34.46	333	359	P	V
	*	5785	113.12	-	-	99.93	34	13.65	34.46	333	359	A	V
		5850.75	71.74	-48.75	120.49	58.64	33.9	13.71	34.51	333	359	P	V
		5855	69.14	-41.66	110.8	56.03	33.91	13.71	34.51	333	359	P	V
		5876.5	61.88	-42.21	104.09	48.74	33.95	13.72	34.53	333	359	P	V
		5926.75	55.31	-12.89	68.2	42.11	34	13.76	34.56	333	359	P	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)
	*	5825	115.39	-	-	102.24	33.95	13.69	34.49	100	355	P	H
	*	5825	107.7	-	-	94.55	33.95	13.69	34.49	100	355	A	H
		5851	86.12	-33.8	119.92	73.02	33.9	13.71	34.51	100	355	P	H
		5855	84.7	-26.1	110.8	71.59	33.91	13.71	34.51	100	355	P	H
		5878.4	75.22	-27.45	102.67	62.07	33.96	13.72	34.53	100	355	P	H
		5925.2	60.4	-7.8	68.2	47.2	34	13.76	34.56	100	355	P	H
													H
802.11a													H
CH 165	*	5825	120.71	-	-	107.56	33.95	13.69	34.49	304	352	P	V
5825MHz	*	5825	113.7	-	-	100.55	33.95	13.69	34.49	304	352	A	V
		5853	93.24	-22.12	115.36	80.13	33.91	13.71	34.51	304	352	P	V
		5855.2	90.7	-20.04	110.74	77.59	33.91	13.71	34.51	304	352	P	V
		5877.2	82.34	-21.23	103.57	69.2	33.95	13.72	34.53	304	352	P	V
		5926	66.49	-1.71	68.2	53.29	34	13.76	34.56	304	352	P	V
													V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11490	52.08	-21.92	74	32.95	38.98	20.12	39.97	-	-	P	H
		11490	41.91	-12.09	54	22.78	38.98	20.12	39.97	-	-	A	H
		17235	56.5	-11.7	68.2	37.48	40.57	24.72	46.27	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 149 5745MHz													H
		11490	52.34	-21.66	74	33.21	38.98	20.12	39.97	-	-	P	V
		11490	42.06	-11.94	54	22.93	38.98	20.12	39.97	-	-	A	V
		17235	53.51	-14.69	68.2	34.49	40.57	24.72	46.27	-	-	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)
		11570	52.8	-21.2	74	33.6	39.06	20.19	40.05	-	-	P	H
		11570	42.43	-11.57	54	23.23	39.06	20.19	40.05	-	-	A	H
		17355	56.69	-11.51	68.2	37.77	40.5	24.82	46.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 157 5785MHz													H
		11570	52.15	-21.85	74	32.95	39.06	20.19	40.05	-	-	P	V
		11570	42.61	-11.39	54	23.41	39.06	20.19	40.05	-	-	A	V
		17355	54.2	-14	68.2	35.28	40.5	24.82	46.4	-	-	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)
802.11a CH 165 5825MHz		11650	52.38	-21.62	74	33.25	39	20.27	40.14	-	-	P	H
		11650	41.64	-12.36	54	22.51	39	20.27	40.14	-	-	A	H
		17475	55.15	-13.05	68.2	36.16	40.6	24.91	46.52	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11650	51.8	-22.2	74	32.67	39	20.27	40.14	-	-	P	V
		11650	41.72	-12.28	54	22.59	39	20.27	40.14	-	-	A	V
		17475	53.96	-14.24	68.2	34.97	40.6	24.91	46.52	-	-	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 4 5725~5850MHz

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)
		5647.25	56.65	-11.55	68.2	44.08	33.48	13.44	34.35	400	79	P	H
		5696.5	57.26	-45.36	102.62	44.45	33.69	13.51	34.39	400	79	P	H
		5719.25	62.06	-48.53	110.59	49.1	33.82	13.55	34.41	400	79	P	H
		5725	62.7	-59.5	122.2	49.7	33.85	13.56	34.41	400	79	P	H
	*	5795	109.45	-	-	96.25	34	13.66	34.46	400	79	P	H
	*	5795	101.54	-	-	88.34	34	13.66	34.46	400	79	A	H
		5853.5	70.88	-43.34	114.22	57.77	33.91	13.71	34.51	400	79	P	H
		5856.75	69.19	-41.12	110.31	56.08	33.91	13.71	34.51	400	79	P	H
		5888.75	63.51	-31.48	94.99	50.34	33.98	13.73	34.54	400	79	P	H
		5925.75	61.26	-6.94	68.2	48.06	34	13.76	34.56	400	79	P	H
802.11ac													H
VHT40													H
CH 159		5649	65.8	-2.4	68.2	53.22	33.49	13.44	34.35	301	0	P	V
5795MHz		5699	69.09	-35.37	104.46	56.26	33.7	13.52	34.39	301	0	P	V
		5716.5	70.83	-38.99	109.82	57.89	33.8	13.54	34.4	301	0	P	V
		5720.75	69.84	-42.67	112.51	56.88	33.82	13.55	34.41	301	0	P	V
	*	5795	116.68	-	-	103.48	34	13.66	34.46	301	0	P	V
	*	5795	109.4	-	-	96.2	34	13.66	34.46	301	0	A	V
		5854.25	74.97	-37.54	112.51	61.86	33.91	13.71	34.51	301	0	P	V
		5868.5	73.8	-33.22	107.02	60.66	33.94	13.72	34.52	301	0	P	V
		5879.25	69.84	-32.2	102.04	56.68	33.96	13.73	34.53	301	0	P	V
		5925.5	66.34	-1.86	68.2	53.14	34	13.76	34.56	301	0	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11590	51.36	-22.64	74	32.2	39.02	20.22	40.08	-	-	P	H
		11590	41.84	-12.16	54	22.68	39.02	20.22	40.08	-	-	A	H
		17385	52.53	-15.67	68.2	33.62	40.5	24.84	46.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ac													H
VHT40													H
CH 159		11590	51.23	-22.77	74	32.07	39.02	20.22	40.08	-	-	P	V
5795MHz		11590	41.93	-12.07	54	22.77	39.02	20.22	40.08	-	-	A	V
		17385	52.51	-15.69	68.2	33.6	40.5	24.84	46.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		5642.75	56.11	-12.09	68.2	43.57	33.46	13.43	34.35	120	360	P	H
		5698.55	72.01	-32.12	104.13	59.19	33.69	13.52	34.39	120	360	P	H
		5714.3	82.36	-26.85	109.21	69.43	33.79	13.54	34.4	120	360	P	H
		5725.1	86.7	-47.5	134.2	73.7	33.85	13.56	34.41	120	360	P	H
	*	5745	114.79	-	-	101.66	33.97	13.59	34.43	120	360	P	H
	*	5745	107.76	-	-	94.63	33.97	13.59	34.43	120	360	A	H
802.11ax													H
HE20 Full													H
CH 149		5647.25	63.27	-4.93	68.2	50.7	33.48	13.44	34.35	280	360	P	V
5745MHz		5694.95	79.05	-22.43	101.48	66.25	33.68	13.51	34.39	280	360	P	V
		5714.075	86.06	-23.08	109.14	73.14	33.78	13.54	34.4	280	360	P	V
		5724.2	92.71	-27.67	120.38	79.71	33.85	13.56	34.41	280	360	P	V
	*	5745	120.61	-	-	107.48	33.97	13.59	34.43	280	360	P	V
	*	5745	113.09	-	-	99.96	33.97	13.59	34.43	280	360	A	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)
		5646.75	51.49	-16.71	68.2	38.92	33.48	13.44	34.35	115	360	P	H
		5698.25	59.11	-44.8	103.91	46.29	33.69	13.52	34.39	115	360	P	H
		5714.25	65.86	-43.33	109.19	52.93	33.79	13.54	34.4	115	360	P	H
		5723.25	67.84	-50.37	118.21	54.86	33.84	13.55	34.41	115	360	P	H
	*	5785	115.43	-	-	102.24	34	13.65	34.46	115	360	P	H
	*	5785	107.91	-	-	94.72	34	13.65	34.46	115	360	A	H
		5850.5	67.38	-53.68	121.06	54.28	33.9	13.71	34.51	115	360	P	H
		5855.75	66.03	-44.56	110.59	52.92	33.91	13.71	34.51	115	360	P	H
		5877	60.13	-43.58	103.71	46.99	33.95	13.72	34.53	115	360	P	H
		5930.5	53.1	-15.1	68.2	39.91	34	13.76	34.57	115	360	P	H
802.11ax													H
HE20 Full													H
CH 157		5649.5	56.03	-12.17	68.2	43.44	33.5	13.44	34.35	283	0	P	V
5785MHz		5698.25	66.25	-37.66	103.91	53.43	33.69	13.52	34.39	283	0	P	V
		5717.75	71.72	-38.45	110.17	58.77	33.81	13.55	34.41	283	0	P	V
		5723.25	74.59	-43.62	118.21	61.61	33.84	13.55	34.41	283	0	P	V
	*	5785	121.52	-	-	108.33	34	13.65	34.46	283	0	P	V
	*	5785	113.4	-	-	100.21	34	13.65	34.46	283	0	A	V
		5850.25	72.14	-49.49	121.63	59.04	33.9	13.71	34.51	283	0	P	V
		5855.5	69.14	-41.52	110.66	56.03	33.91	13.71	34.51	283	0	P	V
		5879.25	64.51	-37.53	102.04	51.35	33.96	13.73	34.53	283	0	P	V
		5930.25	55.02	-13.18	68.2	41.83	34	13.76	34.57	283	0	P	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)
	*	5825	116.36	-	-	103.21	33.95	13.69	34.49	136	360	P	H
	*	5825	108.7	-	-	95.55	33.95	13.69	34.49	136	360	A	H
		5853.6	84.98	-29.01	113.99	71.87	33.91	13.71	34.51	136	360	P	H
		5857.4	85.26	-24.87	110.13	72.15	33.91	13.71	34.51	136	360	P	H
		5878	75.41	-27.56	102.97	62.26	33.96	13.72	34.53	136	360	P	H
		5927.4	62.69	-5.51	68.2	49.49	34	13.76	34.56	136	360	P	H
802.11ax													H
HE20 Full													H
CH 165	*	5825	120.75	-	-	107.6	33.95	13.69	34.49	315	360	P	V
5825MHz	*	5825	113.43	-	-	100.28	33.95	13.69	34.49	315	360	A	V
		5853.2	90.02	-24.88	114.9	76.91	33.91	13.71	34.51	315	360	P	V
		5855.4	91.88	-18.81	110.69	78.77	33.91	13.71	34.51	315	360	P	V
		5877.4	79.24	-24.18	103.42	66.1	33.95	13.72	34.53	315	360	P	V
		5932	64.46	-3.74	68.2	51.27	34	13.76	34.57	315	360	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11490	52.46	-21.54	74	33.33	38.98	20.12	39.97	-	-	P	H
		11490	42.18	-11.82	54	23.05	38.98	20.12	39.97	-	-	A	H
		17235	57.24	-10.96	68.2	38.22	40.57	24.72	46.27	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 149		11490	52.55	-21.45	74	33.42	38.98	20.12	39.97	-	-	P	V
5745MHz		11490	42.02	-11.98	54	22.89	38.98	20.12	39.97	-	-	A	V
		17235	53.76	-14.44	68.2	34.74	40.57	24.72	46.27	-	-	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)
		11570	52.41	-21.59	74	33.21	39.06	20.19	40.05	-	-	P	H
		11570	42.18	-11.82	54	22.98	39.06	20.19	40.05	-	-	A	H
		17355	55.63	-12.57	68.2	36.71	40.5	24.82	46.4	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 157		11570	52.98	-21.02	74	33.78	39.06	20.19	40.05	-	-	P	V
5785MHz		11570	42.23	-11.77	54	23.03	39.06	20.19	40.05	-	-	A	V
		17355	54.23	-13.97	68.2	35.31	40.5	24.82	46.4	-	-	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)
		11650	55.72	-18.28	74	36.59	39	20.27	40.14	145	279	P	H
		11650	44.28	-9.72	54	25.15	39	20.27	40.14	145	279	A	H
		17475	54.3	-13.9	68.2	35.31	40.6	24.91	46.52	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 165		11650	51.84	-22.16	74	32.71	39	20.27	40.14	300	3	P	V
5825MHz		11650	43.62	-10.38	54	24.49	39	20.27	40.14	300	3	A	V
		17475	53.87	-14.33	68.2	34.88	40.6	24.91	46.52	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		5647.25	57.85	-10.35	68.2	45.28	33.48	13.44	34.35	107	12	P	H
		5691.125	75.21	-23.45	98.66	62.43	33.66	13.51	34.39	107	12	P	H
		5718.125	86.55	-23.73	110.28	73.6	33.81	13.55	34.41	107	12	P	H
		5721.725	85.31	-29.42	114.73	72.34	33.83	13.55	34.41	107	12	P	H
	*	5745	115.01	-	-	101.88	33.97	13.59	34.43	107	12	P	H
802.11ax	*	5745	107.74	-	-	94.61	33.97	13.59	34.43	107	12	A	H
HE20													H
Partial													H
106/53		5649.5	66.67	-1.53	68.2	54.08	33.5	13.44	34.35	244	360	P	V
CH 149		5681	80.23	-10.95	91.18	67.5	33.62	13.49	34.38	244	360	P	V
5745MHz		5714.3	91.26	-17.95	109.21	78.33	33.79	13.54	34.4	244	360	P	V
		5720.6	88.39	-23.78	112.17	75.43	33.82	13.55	34.41	244	360	P	V
	*	5745	121.75	-	-	108.62	33.97	13.59	34.43	244	360	P	V
	*	5745	111.61	-	-	98.48	33.97	13.59	34.43	244	360	A	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)
	*	5825	116.16	-	-	103.01	33.95	13.69	34.49	101	12	P	H
	*	5825	107.66	-	-	94.51	33.95	13.69	34.49	101	12	A	H
		5851.2	87.85	-31.61	119.46	74.75	33.9	13.71	34.51	101	12	P	H
		5855.2	86.35	-24.39	110.74	73.24	33.91	13.71	34.51	101	12	P	H
		5875.2	75.2	-29.85	105.05	62.06	33.95	13.72	34.53	101	12	P	H
802.11ax		5942	56.8	-11.4	68.2	43.61	34	13.77	34.58	101	12	P	H
HE20													H
Partial													H
106/54	*	5825	120.1	-	-	106.95	33.95	13.69	34.49	237	360	P	V
CH 165	*	5825	112.01	-	-	98.86	33.95	13.69	34.49	237	360	A	V
5825MHz		5854.4	91.23	-20.94	112.17	78.12	33.91	13.71	34.51	237	360	P	V
		5855.6	90.9	-19.73	110.63	77.79	33.91	13.71	34.51	237	360	P	V
		5895.2	77.38	-12.83	90.21	64.19	33.99	13.74	34.54	237	360	P	V
		5927.4	64.54	-3.66	68.2	51.34	34	13.76	34.56	237	360	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		5628.35	57.92	-10.28	68.2	45.48	33.37	13.41	34.34	124	360	P	H
		5698.1	65.31	-38.49	103.8	52.49	33.69	13.52	34.39	124	360	P	H
		5714.3	71.8	-37.41	109.21	58.87	33.79	13.54	34.4	124	360	P	H
		5723.975	76.08	-43.78	119.86	63.09	33.84	13.56	34.41	124	360	P	H
	*	5755	111.58	-	-	98.41	34	13.6	34.43	124	360	P	H
	*	5755	103.23	-	-	90.06	34	13.6	34.43	124	360	A	H
		5851.25	65.84	-53.51	119.35	52.74	33.9	13.71	34.51	124	360	P	H
		5861.25	65.47	-43.58	109.05	52.35	33.92	13.71	34.51	124	360	P	H
		5890.25	65.08	-28.8	93.88	51.91	33.98	13.73	34.54	124	360	P	H
		5934.25	58.05	-10.15	68.2	44.86	34	13.76	34.57	124	360	P	H
802.11ax													H
HE40 Full													H
CH 151		5636.9	66.14	-2.06	68.2	53.63	33.42	13.43	34.34	298	360	P	V
5755MHz		5695.4	75.43	-26.38	101.81	62.63	33.68	13.51	34.39	298	360	P	V
		5715.425	79.85	-29.67	109.52	66.92	33.79	13.54	34.4	298	360	P	V
		5721.95	81.25	-34	115.25	68.28	33.83	13.55	34.41	298	360	P	V
	*	5755	116.92	-	-	103.75	34	13.6	34.43	298	360	P	V
	*	5755	108.44	-	-	95.27	34	13.6	34.43	298	360	A	V
		5852.5	78.22	-38.28	116.5	65.11	33.91	13.71	34.51	298	360	P	V
		5872.75	78.31	-27.52	105.83	65.16	33.95	13.72	34.52	298	360	P	V
		5881	75.51	-25.23	100.74	62.35	33.96	13.73	34.53	298	360	P	V
		5927.5	64.13	-4.07	68.2	50.93	34	13.76	34.56	298	360	P	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)
		5643	62.63	-5.57	68.2	50.09	33.46	13.43	34.35	117	0	P	H
		5687.25	66.49	-29.31	95.8	53.72	33.65	13.5	34.38	117	0	P	H
		5719	70.19	-40.33	110.52	57.24	33.81	13.55	34.41	117	0	P	H
		5724.5	69.96	-51.1	121.06	56.96	33.85	13.56	34.41	117	0	P	H
	*	5795	112.67	-	-	99.47	34	13.66	34.46	117	0	P	H
	*	5795	104.59	-	-	91.39	34	13.66	34.46	117	0	A	H
		5853.2	74.16	-40.74	114.9	61.05	33.91	13.71	34.51	117	0	P	H
		5855.8	73	-37.58	110.58	59.89	33.91	13.71	34.51	117	0	P	H
		5882.4	68.44	-31.26	99.7	55.28	33.96	13.73	34.53	117	0	P	H
		5931	62.97	-5.23	68.2	49.78	34	13.76	34.57	117	0	P	H
802.11ax													H
HE40 Full													H
CH 159		5625	63.9	-4.3	68.2	51.47	33.35	13.41	34.33	276	0	P	V
5795MHz		5698.5	67.64	-36.45	104.09	54.82	33.69	13.52	34.39	276	0	P	V
		5719.25	69.93	-40.66	110.59	56.97	33.82	13.55	34.41	276	0	P	V
		5723.25	70.64	-47.57	118.21	57.66	33.84	13.55	34.41	276	0	P	V
	*	5795	117.68	-	-	104.48	34	13.66	34.46	276	0	P	V
	*	5795	109.33	-	-	96.13	34	13.66	34.46	276	0	A	V
		5853.8	77.52	-36.02	113.54	64.41	33.91	13.71	34.51	276	0	P	V
		5855	76.78	-34.02	110.8	63.67	33.91	13.71	34.51	276	0	P	V
		5876.2	72.29	-32.02	104.31	59.15	33.95	13.72	34.53	276	0	P	V
		5933.6	67.08	-1.12	68.2	53.89	34	13.76	34.57	276	0	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11510	51.73	-22.27	74	32.57	39.02	20.13	39.99	-	-	P	H
		11510	42.06	-11.94	54	22.9	39.02	20.13	39.99	-	-	A	H
		17265	52.75	-15.45	68.2	33.71	40.6	24.74	46.3	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 151		11510	51.26	-22.74	74	32.1	39.02	20.13	39.99	-	-	P	V
5755MHz		11510	42.19	-11.81	54	23.03	39.02	20.13	39.99	-	-	A	V
		17265	53.53	-14.67	68.2	34.49	40.6	24.74	46.3	-	-	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)
		11590	51.41	-22.59	74	32.25	39.02	20.22	40.08	-	-	P	H
		11590	42.07	-11.93	54	22.91	39.02	20.22	40.08	-	-	A	H
		17385	53.09	-15.11	68.2	34.18	40.5	24.84	46.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 159		11590	51.63	-22.37	74	32.47	39.02	20.22	40.08	-	-	P	V
5795MHz		11590	41.95	-12.05	54	22.79	39.02	20.22	40.08	-	-	A	V
		17385	52.7	-15.5	68.2	33.79	40.5	24.84	46.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		5646	53.58	-14.62	68.2	41.01	33.48	13.44	34.35	101	10	P	H
		5698.5	68.31	-35.78	104.09	55.49	33.69	13.52	34.39	101	10	P	H
		5720	62.14	-48.66	110.8	49.18	33.82	13.55	34.41	101	10	P	H
		5720.25	63.34	-48.03	111.37	50.38	33.82	13.55	34.41	101	10	P	H
	*	5755	109.85	-	-	96.68	34	13.6	34.43	101	10	P	H
	*	5755	102.37	-	-	89.2	34	13.6	34.43	101	10	A	H
		5854.75	50.86	-60.51	111.37	37.75	33.91	13.71	34.51	101	10	P	H
		5873.25	52.13	-53.56	105.69	38.98	33.95	13.72	34.52	101	10	P	H
		5914.75	52.35	-23.41	75.76	39.16	34	13.75	34.56	101	10	P	H
802.11ax		5933.75	51.25	-16.95	68.2	38.06	34	13.76	34.57	101	10	P	H
HE40													H
Partial													H
242/61		5644.75	64.31	-3.89	68.2	51.75	33.47	13.44	34.35	244	360	P	V
CH 151		5698.75	74.14	-30.14	104.28	61.32	33.69	13.52	34.39	244	360	P	V
5755MHz		5719.5	84.22	-26.44	110.66	71.26	33.82	13.55	34.41	244	360	P	V
		5724.99	76.71	-45.47	122.18	63.71	33.85	13.56	34.41	244	360	P	V
	*	5755	115.38	-	-	102.21	34	13.6	34.43	244	360	P	V
	*	5755	107.53	-	-	94.36	34	13.6	34.43	244	360	A	V
		5853.5	62.5	-51.72	114.22	49.39	33.91	13.71	34.51	244	360	P	V
		5865.75	62.05	-45.74	107.79	48.92	33.93	13.72	34.52	244	360	P	V
		5894.75	61.35	-29.2	90.55	48.16	33.99	13.74	34.54	244	360	P	V
		5943.75	51.19	-17.01	68.2	38	34	13.77	34.58	244	360	P	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)
		5643.25	57.57	-10.63	68.2	45.03	33.46	13.43	34.35	100	0	P	H
		5689.75	65.17	-32.47	97.64	52.39	33.66	13.5	34.38	100	0	P	H
		5719.5	68.34	-42.32	110.66	55.38	33.82	13.55	34.41	100	0	P	H
		5724.75	66.55	-55.08	121.63	53.55	33.85	13.56	34.41	100	0	P	H
	*	5795	111.97	-	-	98.77	34	13.66	34.46	100	0	P	H
	*	5795	103.12	-	-	89.92	34	13.66	34.46	100	0	A	H
		5854.25	74.01	-38.5	112.51	60.9	33.91	13.71	34.51	100	0	P	H
		5855.75	73.14	-37.45	110.59	60.03	33.91	13.71	34.51	100	0	P	H
		5875.5	68.86	-35.97	104.83	55.72	33.95	13.72	34.53	100	0	P	H
802.11ax		5941.25	60.78	-7.42	68.2	47.59	34	13.77	34.58	100	0	P	H
HE40													H
Partial													H
242/62		5644.25	63.6	-4.6	68.2	51.04	33.47	13.44	34.35	211	65	P	V
CH 159		5689.5	70.37	-27.09	97.46	57.59	33.66	13.5	34.38	211	65	P	V
5795MHz		5715.75	71.14	-38.47	109.61	58.21	33.79	13.54	34.4	211	65	P	V
		5723.75	71.77	-47.58	119.35	58.78	33.84	13.56	34.41	211	65	P	V
	*	5795	118.4	-	-	105.2	34	13.66	34.46	211	65	P	V
	*	5795	108.6	-	-	95.4	34	13.66	34.46	211	65	A	V
		5853	78.88	-36.48	115.36	65.77	33.91	13.71	34.51	211	65	P	V
		5873.5	78.18	-27.44	105.62	65.03	33.95	13.72	34.52	211	65	P	V
		5875.25	72.33	-32.68	105.01	59.19	33.95	13.72	34.53	211	65	P	V
		5930.25	66.77	-1.43	68.2	53.58	34	13.76	34.57	211	65	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		5639	57.29	-10.91	68.2	44.78	33.43	13.43	34.35	274	127	P	H
		5698.75	66.64	-37.64	104.28	53.82	33.69	13.52	34.39	274	127	P	H
		5709.5	67.01	-40.85	107.86	54.12	33.76	13.53	34.4	274	127	P	H
		5720	66.36	-44.44	110.8	53.4	33.82	13.55	34.41	274	127	P	H
	*	5775	104.02	-	-	90.84	34	13.63	34.45	274	127	P	H
	*	5775	95.41	-	-	82.23	34	13.63	34.45	274	127	A	H
		5850.75	63.82	-56.67	120.49	50.72	33.9	13.71	34.51	274	127	P	H
		5860	63.53	-45.87	109.4	50.41	33.92	13.71	34.51	274	127	P	H
		5880.5	60.77	-40.34	101.11	47.61	33.96	13.73	34.53	274	127	P	H
		5937.5	56.81	-11.39	68.2	43.61	34	13.77	34.57	274	127	P	H
802.11ax													H
HE80 Full													H
CH 155		5645	63.97	-4.23	68.2	51.41	33.47	13.44	34.35	269	358	P	V
5775MHz		5695	73.57	-27.94	101.51	60.77	33.68	13.51	34.39	269	358	P	V
		5715.75	75.97	-33.64	109.61	63.04	33.79	13.54	34.4	269	358	P	V
		5724.25	76.03	-44.46	120.49	63.03	33.85	13.56	34.41	269	358	P	V
	*	5775	114.37	-	-	101.19	34	13.63	34.45	269	358	P	V
	*	5775	104.66	-	-	91.48	34	13.63	34.45	269	358	A	V
		5854.75	75.52	-35.85	111.37	62.41	33.91	13.71	34.51	269	358	P	V
		5865	72.56	-35.44	108	59.43	33.93	13.72	34.52	269	358	P	V
		5875	68.95	-36.25	105.2	55.81	33.95	13.72	34.53	269	358	P	V
		5925	62.66	-5.54	68.2	49.46	34	13.76	34.56	269	358	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11550	52.13	-21.87	74	32.89	39.1	20.17	40.03	-	-	P	H
		11550	42.12	-11.88	54	22.88	39.1	20.17	40.03	-	-	A	H
		17325	52.86	-15.34	68.2	33.88	40.55	24.79	46.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE80 Full													H
CH 155		11550	51.88	-22.12	74	32.64	39.1	20.17	40.03	-	-	P	V
5775MHz		11550	42.19	-11.81	54	22.95	39.1	20.17	40.03	-	-	A	V
		17325	52.91	-15.29	68.2	33.93	40.55	24.79	46.36	-	-	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 4 5725~5850MHz

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)
		5645.5	58.22	-9.98	68.2	45.66	33.47	13.44	34.35	100	26	P	H
		5659.75	61.07	-14.37	75.44	48.43	33.54	13.46	34.36	100	26	P	H
		5714.5	63.17	-46.09	109.26	50.24	33.79	13.54	34.4	100	26	P	H
		5725	65.83	-56.37	122.2	52.83	33.85	13.56	34.41	100	26	P	H
	*	5775	106.03	-	-	92.85	34	13.63	34.45	100	26	P	H
	*	5775	94.9	-	-	81.72	34	13.63	34.45	100	26	A	H
		5853.5	57.73	-56.49	114.22	44.62	33.91	13.71	34.51	100	26	P	H
		5868	59.61	-47.55	107.16	46.47	33.94	13.72	34.52	100	26	P	H
		5882.75	57.27	-42.17	99.44	44.1	33.97	13.73	34.53	100	26	P	H
802.11ax		5926.5	54.45	-13.75	68.2	41.25	34	13.76	34.56	100	26	P	H
HE80													H
Partial													H
484/65		5645.25	66.29	-1.91	68.2	53.73	33.47	13.44	34.35	290	358	P	V
CH 155		5670.25	68.73	-14.49	83.22	56.04	33.58	13.48	34.37	290	358	P	V
5775MHz		5710.5	71.52	-36.62	108.14	58.62	33.76	13.54	34.4	290	358	P	V
		5724.25	73.83	-46.66	120.49	60.83	33.85	13.56	34.41	290	358	P	V
	*	5775	113.68	-	-	100.5	34	13.63	34.45	290	358	P	V
	*	5775	102.78	-	-	89.6	34	13.63	34.45	290	358	A	V
		5853.75	66.76	-46.89	113.65	53.65	33.91	13.71	34.51	290	358	P	V
		5869.5	69.56	-37.18	106.74	56.42	33.94	13.72	34.52	290	358	P	V
		5875.25	65.7	-39.31	105.01	52.56	33.95	13.72	34.53	290	358	P	V
		5925	64.14	-4.06	68.2	50.94	34	13.76	34.56	290	358	P	V
													V
													V

Remark

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

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)
		5649.5	61.07	-7.13	68.2	48.48	33.5	13.44	34.35	101	0	P	H
		5669.25	66.15	-16.33	82.48	53.47	33.58	13.47	34.37	101	0	P	H
		5719.5	73.96	-36.7	110.66	61	33.82	13.55	34.41	101	0	P	H
		5724.75	74.86	-46.77	121.63	61.86	33.85	13.56	34.41	101	0	P	H
	*	5775	107.21	-	-	94.03	34	13.63	34.45	101	0	P	H
	*	5775	96.88	-	-	83.7	34	13.63	34.45	101	0	A	H
		5854	69.67	-43.41	113.08	56.56	33.91	13.71	34.51	101	0	P	H
		5860.25	69.19	-40.14	109.33	56.07	33.92	13.71	34.51	101	0	P	H
		5875	65.91	-39.29	105.2	52.77	33.95	13.72	34.53	101	0	P	H
802.11ax		5938.25	60.41	-7.79	68.2	47.21	34	13.77	34.57	101	0	P	H
HE80													H
Partial													H
484/66		5649.25	66.54	-1.66	68.2	53.95	33.5	13.44	34.35	343	0	P	V
CH 155		5650.75	67.28	-1.48	68.76	54.68	33.5	13.45	34.35	343	0	P	V
5775MHz		5720	80.76	-30.04	110.8	67.8	33.82	13.55	34.41	343	0	P	V
		5720	80.76	-30.04	110.8	67.8	33.82	13.55	34.41	343	0	P	V
	*	5775	110.34	-	-	97.16	34	13.63	34.45	343	0	P	V
	*	5775	101.68	-	-	88.5	34	13.63	34.45	343	0	A	V
		5850.75	74.06	-46.43	120.49	60.96	33.9	13.71	34.51	343	0	P	V
		5856.25	73.75	-36.7	110.45	60.64	33.91	13.71	34.51	343	0	P	V
		5881	68.76	-31.98	100.74	55.6	33.96	13.73	34.53	343	0	P	V
		5933.75	61.31	-6.89	68.2	48.12	34	13.76	34.57	343	0	P	V
													V
													V

Remark

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

Emission below 1GHz

5GHz WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		109.92	29.29	-14.21	43.5	43.28	16.85	1.88	32.72	-	-	P	H
		124.23	27.61	-15.89	43.5	40.74	17.57	2.02	32.72	-	-	P	H
		140.16	26.74	-16.76	43.5	39.92	17.43	2.09	32.7	-	-	P	H
		730.5	29.95	-16.05	46	30.04	27.81	4.82	32.72	-	-	P	H
		931.4	34.34	-11.66	46	30.62	29.86	5.43	31.57	-	-	P	H
		994.4	35.24	-18.76	54	29.97	30.48	5.71	30.92	-	-	P	H
													H
													H
													H
													H
													H
													H
		32.7	30.59	-9.41	40	38.74	23.66	0.94	32.75	100	229	Q	V
		38.1	30.62	-9.38	40	41.35	20.97	1.04	32.74	-	-	P	V
		109.38	29.79	-13.71	43.5	43.82	16.81	1.88	32.72	-	-	P	V
		794.2	32.05	-13.95	46	31.51	28.03	5.02	32.51	-	-	P	V
		870.5	33.19	-12.81	46	30.82	29.19	5.24	32.06	-	-	P	V
		988.8	35.18	-18.82	54	29.91	30.55	5.7	30.98	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<Sample 2>

Band 4 - 5725~5850MHz

WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
6+7		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5640.25	51.28	-16.92	68.2	38.76	33.44	13.43	34.35	245	0	P	H
		5692.5	52.97	-46.7	99.67	40.18	33.67	13.51	34.39	245	0	P	H
		5713	57.4	-51.44	108.84	44.48	33.78	13.54	34.4	245	0	P	H
		5723	58.04	-59.6	117.64	45.06	33.84	13.55	34.41	245	0	P	H
	*	5795	110.45	-	-	97.25	34	13.66	34.46	245	0	P	H
	*	5795	102.78	-	-	89.58	34	13.66	34.46	245	0	A	H
		5850.75	62.92	-57.57	120.49	49.82	33.9	13.71	34.51	245	0	P	H
		5861.75	62.96	-45.95	108.91	49.84	33.92	13.71	34.51	245	0	P	H
		5875.25	58.89	-46.12	105.01	45.75	33.95	13.72	34.53	245	0	P	H
		5930.25	53.87	-14.33	68.2	40.68	34	13.76	34.57	245	0	P	H
802.11ax													H
HE40 Full													H
CH 159		5625	59.56	-8.64	68.2	47.13	33.35	13.41	34.33	167	42	P	V
5795MHz		5695.25	62.37	-39.33	101.7	49.57	33.68	13.51	34.39	167	42	P	V
		5707.25	65.92	-41.31	107.23	53.05	33.74	13.53	34.4	167	42	P	V
		5724	69.85	-50.07	119.92	56.86	33.84	13.56	34.41	167	42	P	V
	*	5795	117.32	-	-	104.12	34	13.66	34.46	167	42	P	V
	*	5795	110.27	-	-	97.07	34	13.66	34.46	167	42	A	V
		5853.25	71.94	-42.85	114.79	58.83	33.91	13.71	34.51	167	42	P	V
		5855.5	73.25	-37.41	110.66	60.14	33.91	13.71	34.51	167	42	P	V
		5885.75	66.78	-30.44	97.22	53.61	33.97	13.73	34.53	167	42	P	V
		5935	62.86	-5.34	68.2	49.67	34	13.76	34.57	167	42	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11590	50.75	-23.25	74	31.59	39.02	20.22	40.08	-	-	P	H
		11590	42.12	-11.88	54	22.96	39.02	20.22	40.08	-	-	A	H
		17385	52.86	-15.34	68.2	33.95	40.5	24.84	46.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 159		11590	52.09	-21.91	74	32.93	39.02	20.22	40.08	-	-	P	V
5795MHz		11590	42.01	-11.99	54	22.85	39.02	20.22	40.08	-	-	A	V
		17385	53.07	-15.13	68.2	34.16	40.5	24.84	46.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

5GHz WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		31.62	22.89	-17.11	40	30.55	24.16	0.93	32.75	-	-	P	H
		130.98	31.4	-12.1	43.5	44.35	17.71	2.05	32.71	-	-	P	H
		263.28	21.99	-24.01	46	31.65	20.15	2.87	32.68	-	-	P	H
		726.3	29.84	-16.16	46	30.2	27.56	4.81	32.73	-	-	P	H
		855.1	32.59	-13.41	46	30.28	29.23	5.24	32.16	-	-	P	H
		957.3	34.89	-11.11	46	29.59	31.06	5.57	31.33	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.4	28.48	-11.52	40	37.92	22.31	0.99	32.74	-	-	P	V
		40.8	28.31	-11.69	40	40.39	19.57	1.09	32.74	-	-	P	V
		130.71	27.7	-15.8	43.5	40.65	17.71	2.05	32.71	-	-	P	V
		808.9	32.53	-13.47	46	32.06	27.84	5.07	32.44	-	-	P	V
		948.9	34.26	-11.74	46	29.27	30.87	5.54	31.42	-	-	P	V
		975.5	35.67	-18.33	54	30.31	30.84	5.65	31.13	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

<Sample 3>

Band 4 - 5725~5850MHz

WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
6+7		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5645.25	57.62	-10.58	68.2	45.06	33.47	13.44	34.35	124	0	P	H
		5674.25	61.82	-24.37	86.19	49.11	33.6	13.48	34.37	124	0	P	H
		5703.5	65.05	-41.13	106.18	52.19	33.72	13.53	34.39	124	0	P	H
		5723	66.26	-51.38	117.64	53.28	33.84	13.55	34.41	124	0	P	H
	*	5795	113.64	-	-	100.44	34	13.66	34.46	124	0	P	H
	*	5795	104.45	-	-	91.25	34	13.66	34.46	124	0	A	H
		5852.25	72.97	-44.1	117.07	59.87	33.9	13.71	34.51	124	0	P	H
		5856	70.21	-40.31	110.52	57.1	33.91	13.71	34.51	124	0	P	H
		5875.25	64.45	-40.56	105.01	51.31	33.95	13.72	34.53	124	0	P	H
		5934.25	60.2	-8	68.2	47.01	34	13.76	34.57	124	0	P	H
802.11ax													H
HE40 Full													H
CH 159		5646.25	62.21	-5.99	68.2	49.64	33.48	13.44	34.35	206	27	P	V
5795MHz		5679	68.32	-21.38	89.7	55.59	33.62	13.49	34.38	206	27	P	V
		5720	69.27	-41.53	110.8	56.31	33.82	13.55	34.41	206	27	P	V
		5720	69.27	-41.53	110.8	56.31	33.82	13.55	34.41	206	27	P	V
	*	5795	118.14	-	-	104.94	34	13.66	34.46	206	27	P	V
	*	5795	108.7	-	-	95.5	34	13.66	34.46	206	27	A	V
		5850	73.52	-48.68	122.2	60.43	33.9	13.7	34.51	206	27	P	V
		5856.25	74.77	-35.68	110.45	61.66	33.91	13.71	34.51	206	27	P	V
		5885.75	70.62	-26.6	97.22	57.45	33.97	13.73	34.53	206	27	P	V
		5929.5	65.69	-2.51	68.2	52.5	34	13.76	34.57	206	27	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

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)
		11590	51.38	-22.62	74	32.22	39.02	20.22	40.08	-	-	P	H
		11590	42.31	-11.69	54	23.15	39.02	20.22	40.08	-	-	A	H
		17385	52.76	-15.44	68.2	33.85	40.5	24.84	46.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE40 Full													H
CH 159		11590	51.2	-22.8	74	32.04	39.02	20.22	40.08	-	-	P	V
5795MHz		11590	42.7	-11.3	54	23.54	39.02	20.22	40.08	-	-	A	V
		17385	52.55	-15.65	68.2	33.64	40.5	24.84	46.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

5GHz WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
6+7		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		32.97	25.82	-14.18	40	34.14	23.48	0.95	32.75	-	-	P	H
		112.62	30.15	-13.35	43.5	43.95	17.01	1.91	32.72	-	-	P	H
		136.92	26.99	-16.51	43.5	40.01	17.6	2.08	32.7	-	-	P	H
		841.1	32.7	-13.3	46	30.76	28.98	5.21	32.25	-	-	P	H
		919.5	33.48	-12.52	46	30.45	29.34	5.37	31.68	-	-	P	H
		967.1	35.3	-18.7	54	29.99	30.92	5.61	31.22	-	-	P	H
													H
													H
													H
													H
													H
													H
		34.86	33.9	-6.1	40	43.13	22.53	0.98	32.74	100	32	Q	V
		38.64	33.26	-6.74	40	44.24	20.71	1.05	32.74	-	-	P	V
		114.24	31.68	-11.82	43.5	45.37	17.1	1.93	32.72	-	-	P	V
		825	32.93	-13.07	46	31.94	28.2	5.14	32.35	-	-	P	V
		898.5	34.7	-11.3	46	32.27	29.04	5.25	31.86	-	-	P	V
		955.9	35.06	-10.94	46	29.78	31.06	5.57	31.35	-	-	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 149 5745MHz		5650	55.45	-12.75	68.2	54.51	32.22	4.58	35.86	103	308	P	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 @ 5650MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 68.2(dBμV/m)

= -12.75 (dB)

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

Appendix D. Radiated Spurious Emission Plots

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

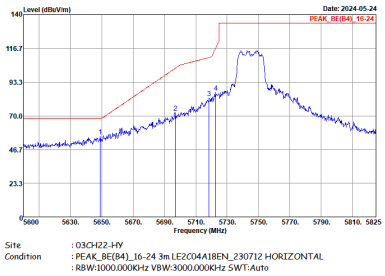
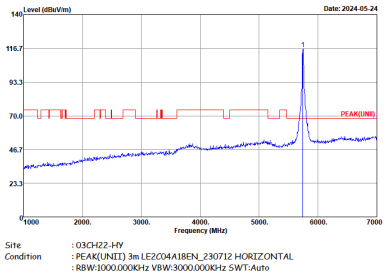
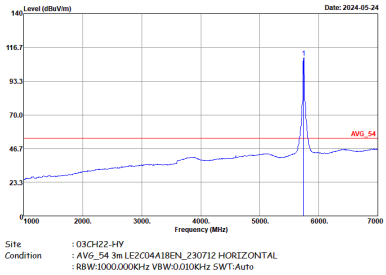
Note symbol

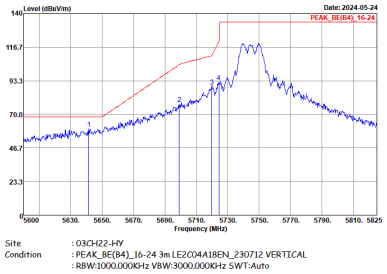
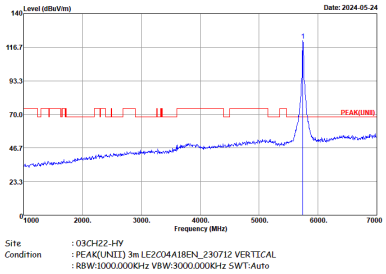
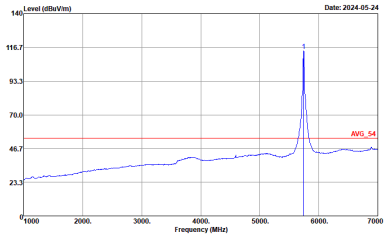
-L	**Low channel location**
-R	**High channel location**

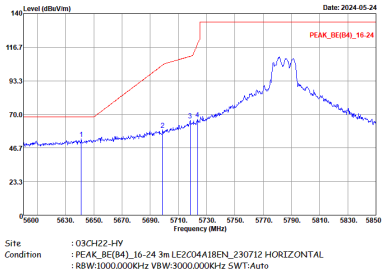
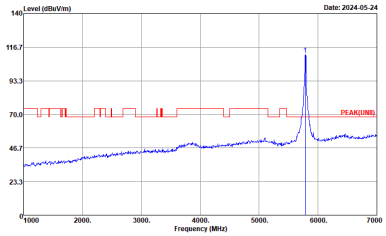
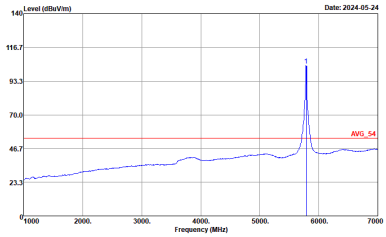
<Sample 1>

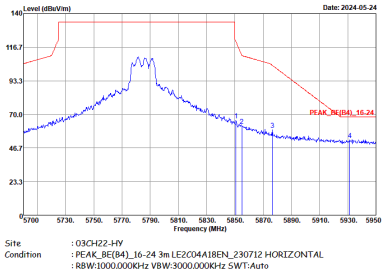
Band 4 - 5725~5850MHz

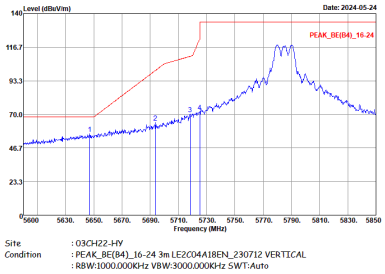
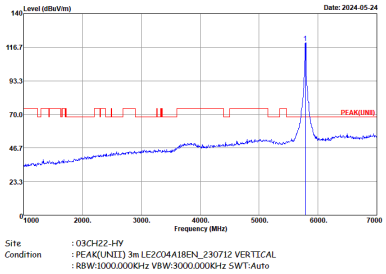
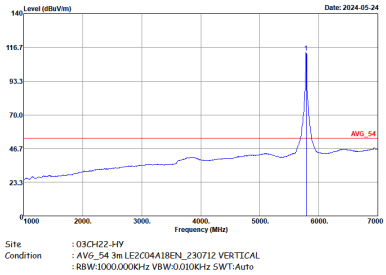
WIFI 802.11a (Band Edge @ 3m)

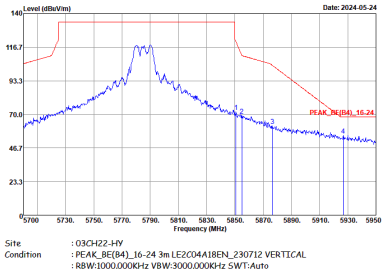
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

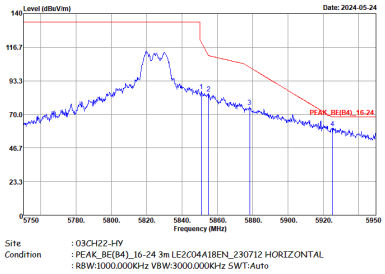
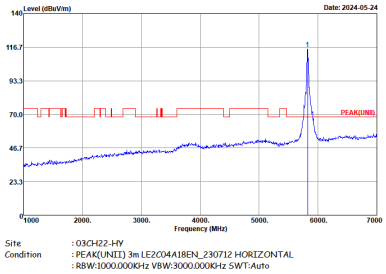
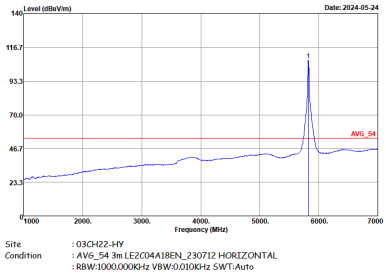
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Left blank	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

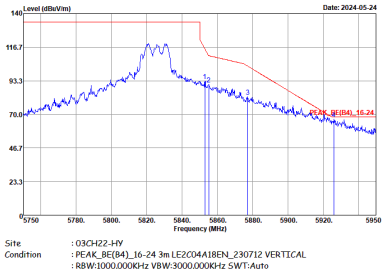
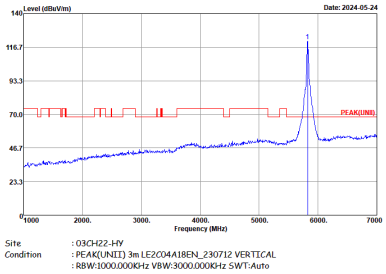
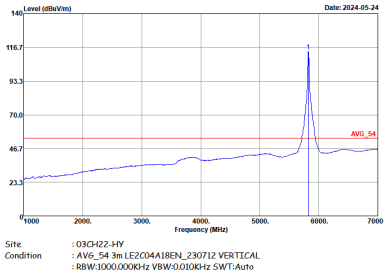
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Left blank	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

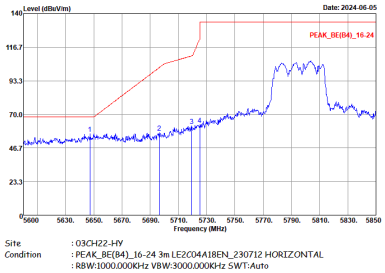
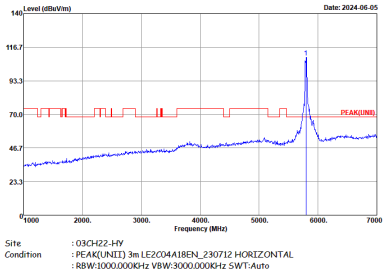
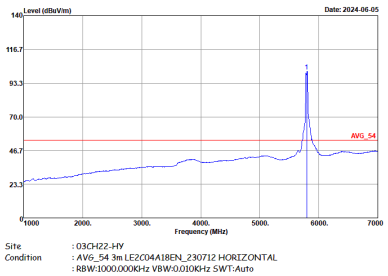
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
6+7	Vertical	Fundamental
Peak		Left blank

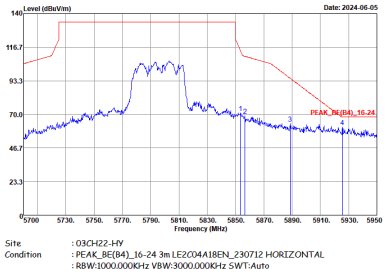
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

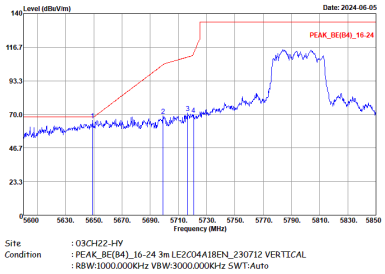
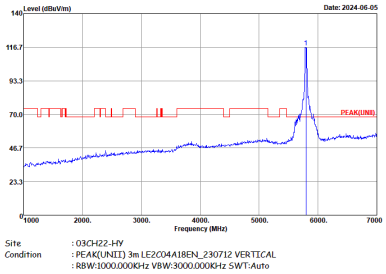
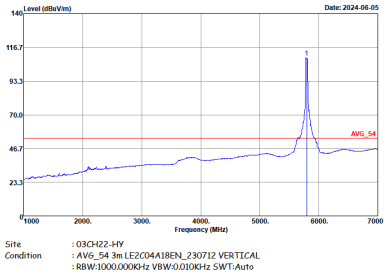
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

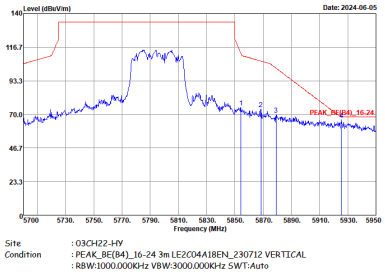
Band 4 5725~5850MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

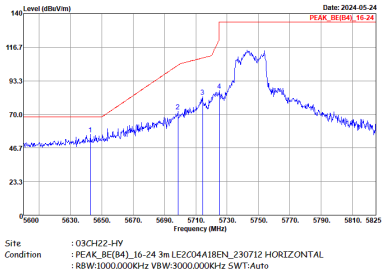
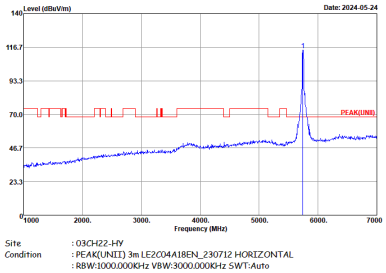
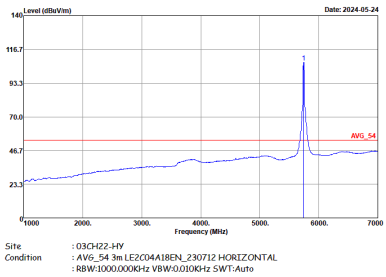
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

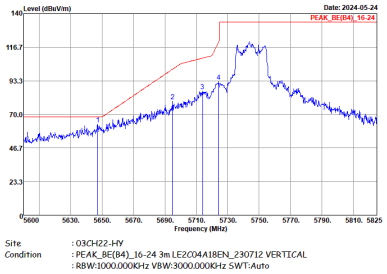
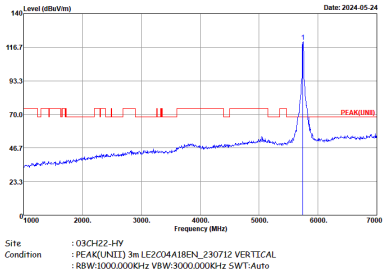
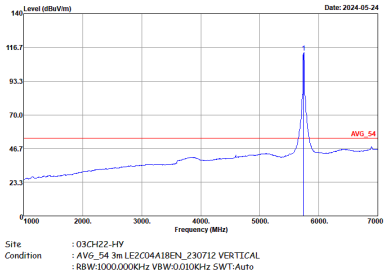
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

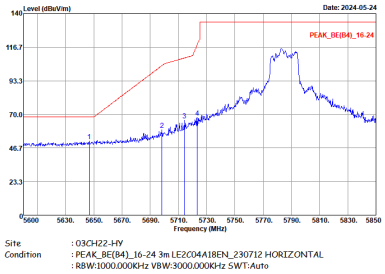
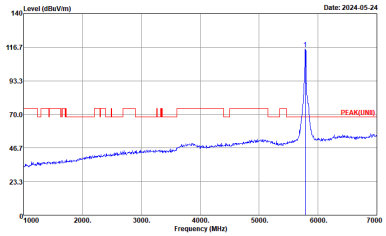
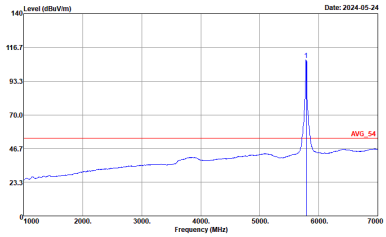
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		Left blank

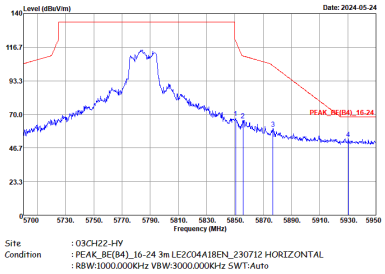
Band 4 5725~5850MHz

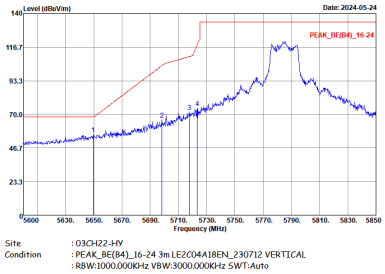
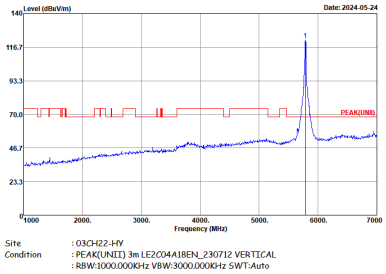
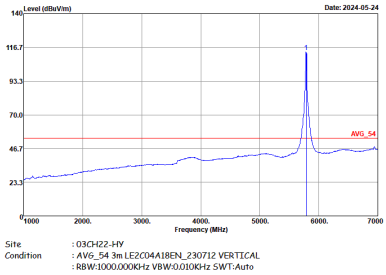
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

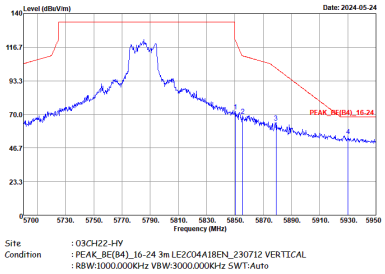
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

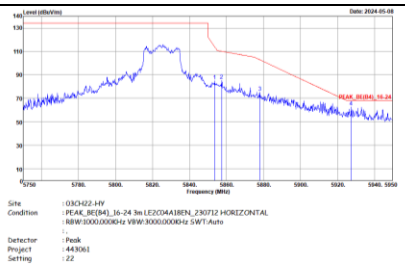
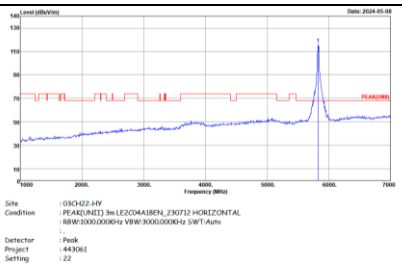
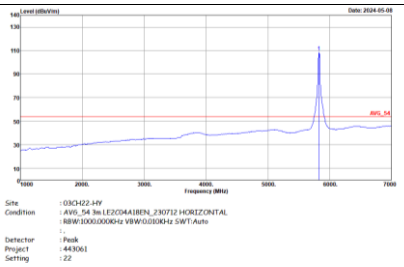
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

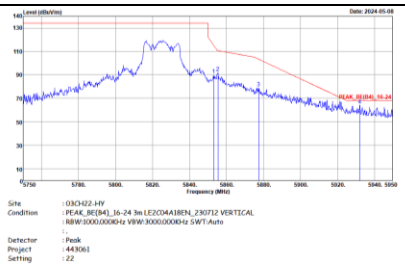
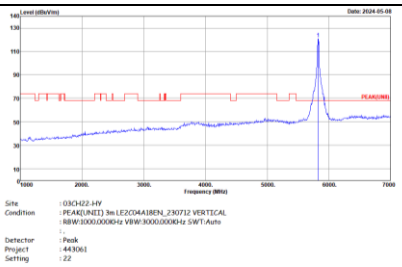
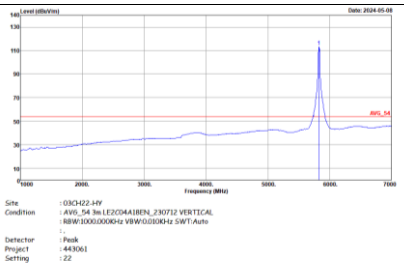
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Left blank	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

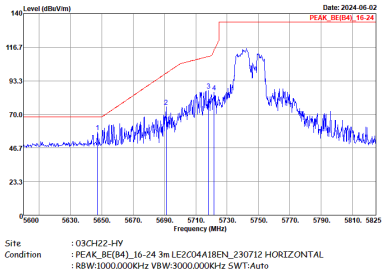
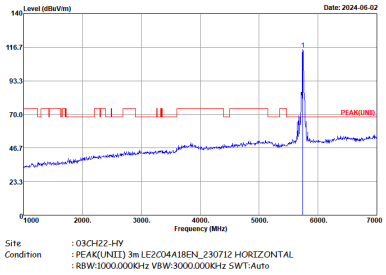
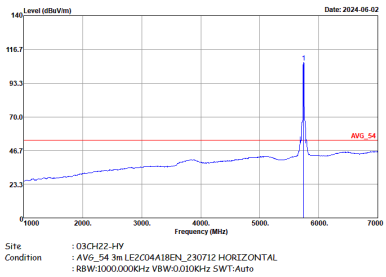
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
6+7	Vertical	Fundamental
Peak		Left blank

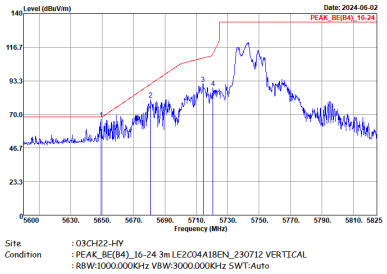
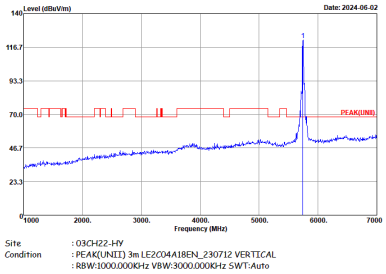
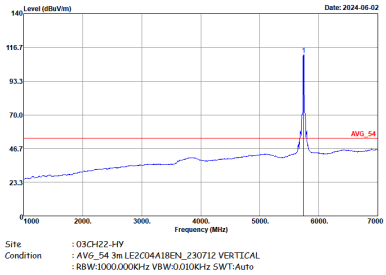
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

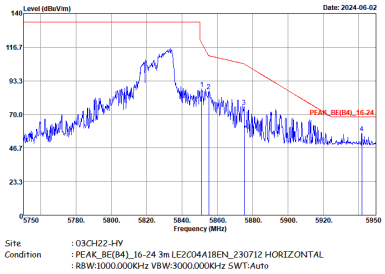
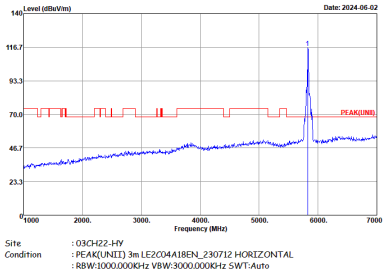
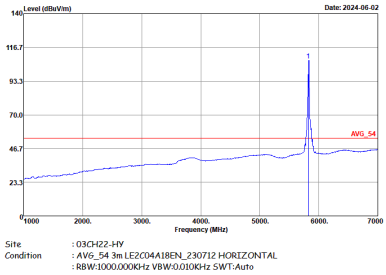
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

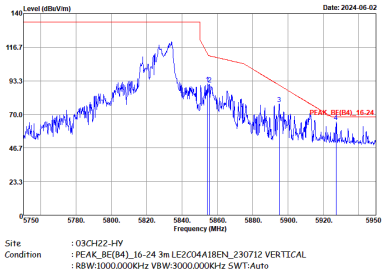
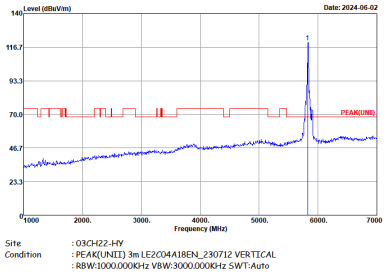
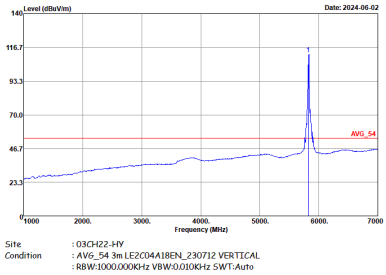
Band 4 5725~5850MHz

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

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH149 5745MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

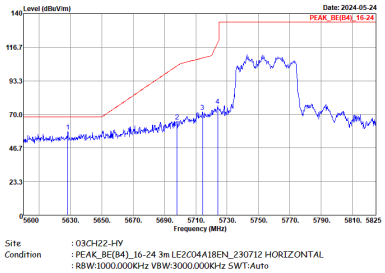
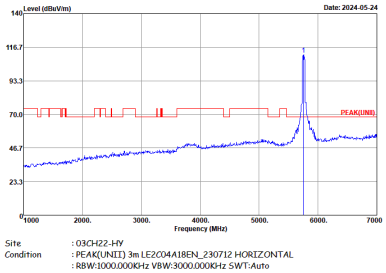
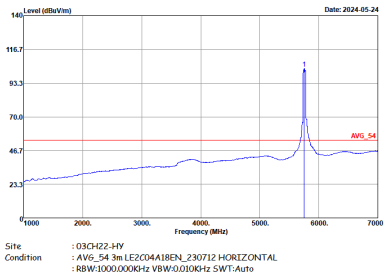
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH149 5745MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

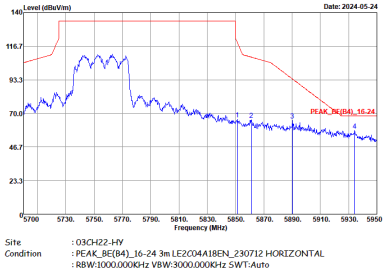
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH165 5825MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

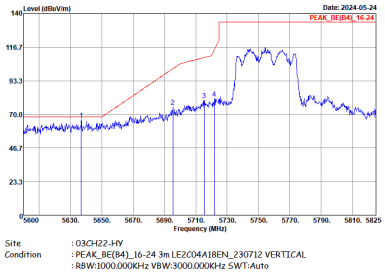
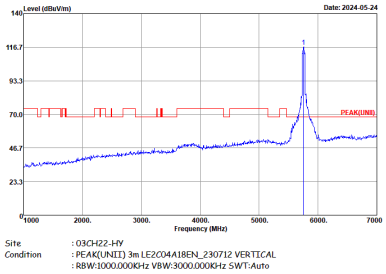
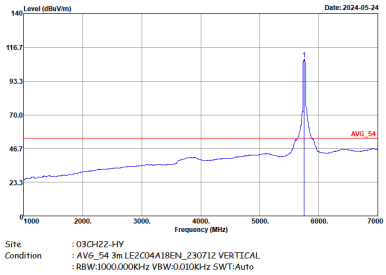
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH165 5825MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

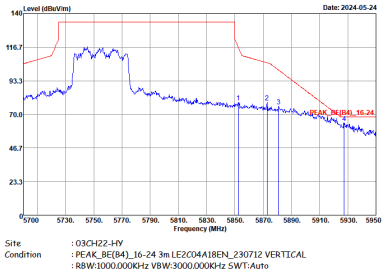
Band 4 5725~5850MHz

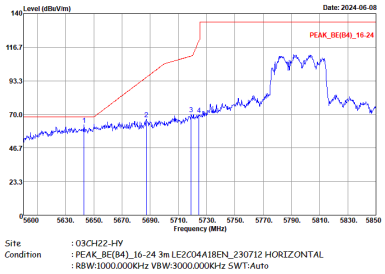
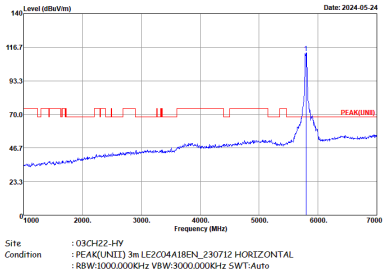
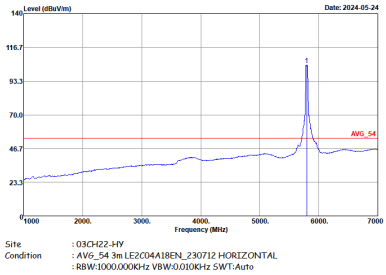
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

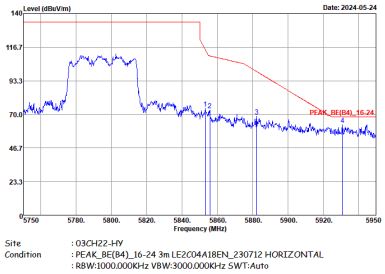
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

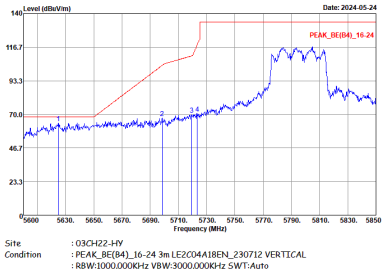
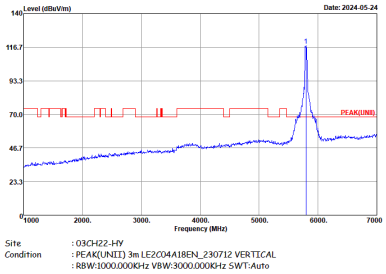
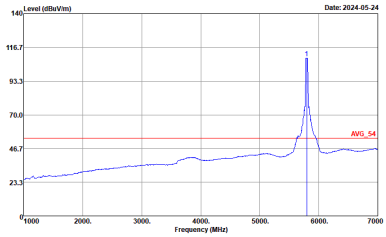
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

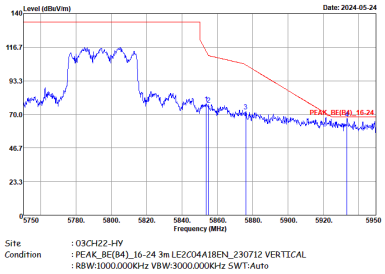
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
6+7	Vertical	Fundamental
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

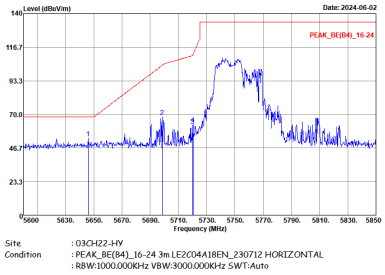
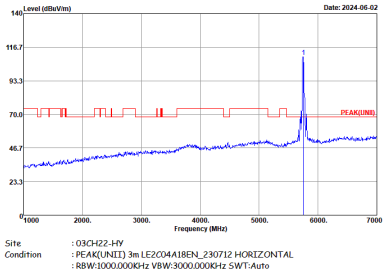
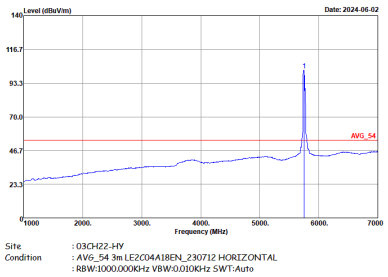
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

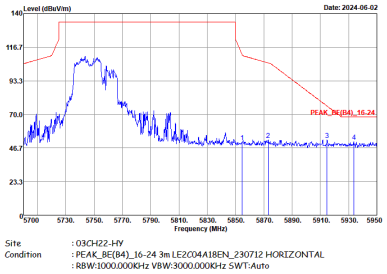
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Left blank	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

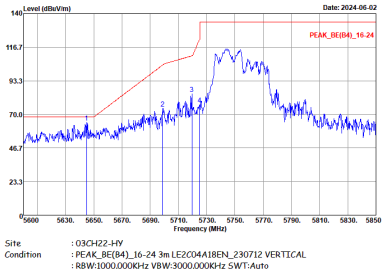
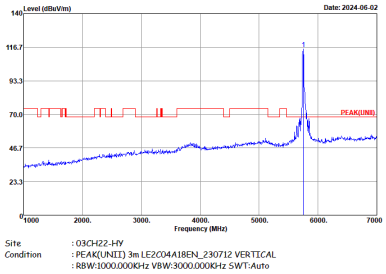
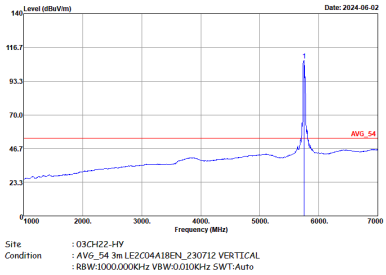
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		Left blank

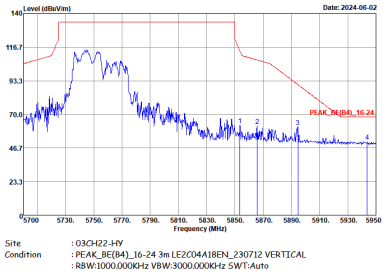
Band 4 5725~5850MHz

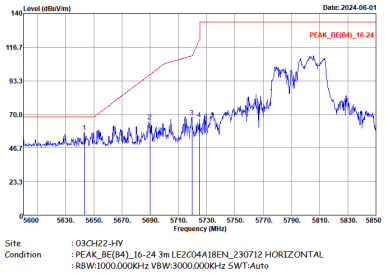
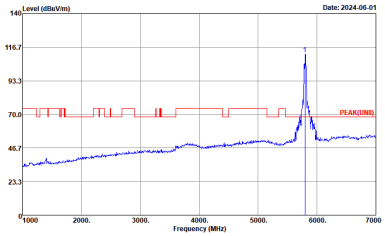
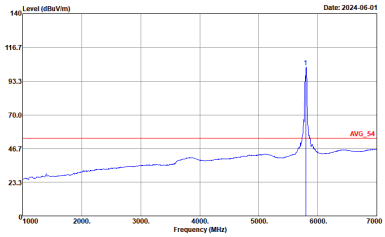
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

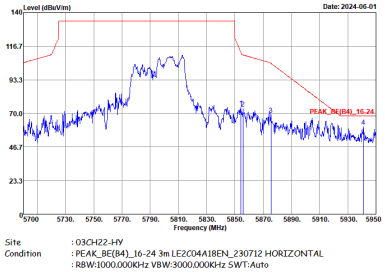
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH151 5755MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

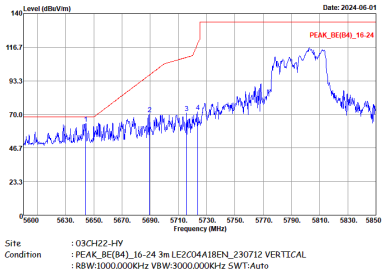
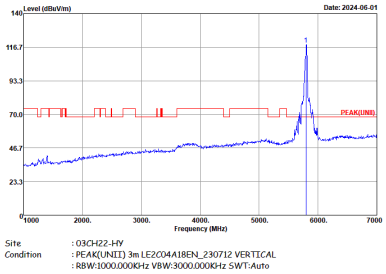
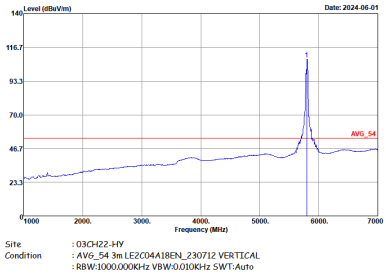
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH151 5755MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

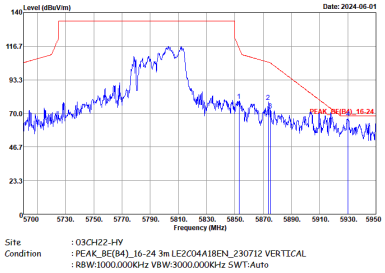
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH151 5755MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH151 5755MHz	
6+7	Vertical	Fundamental
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 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	Left blank	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

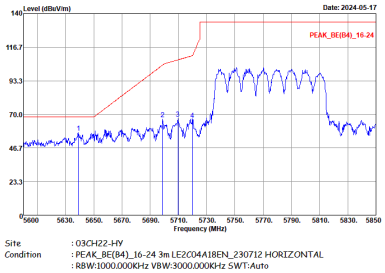
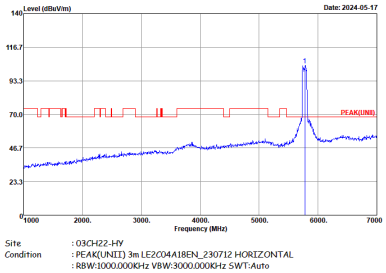
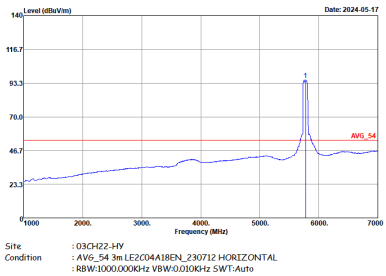
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

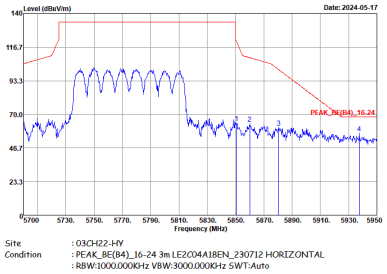
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

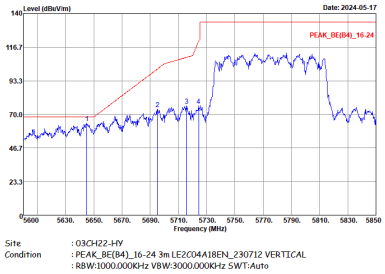
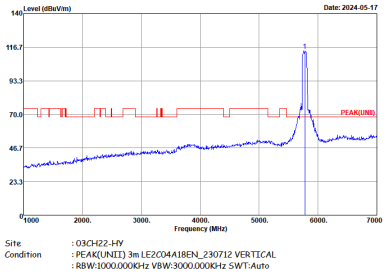
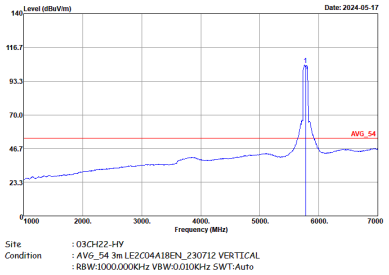
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		Left blank

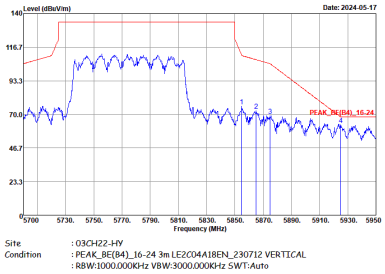
Band 4 5725~5850MHz

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

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

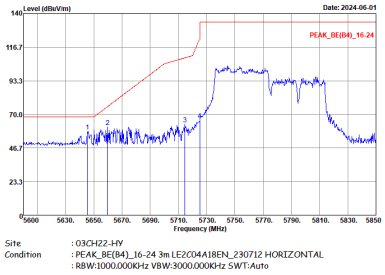
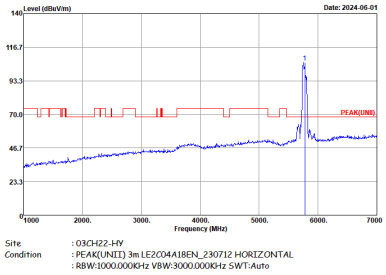
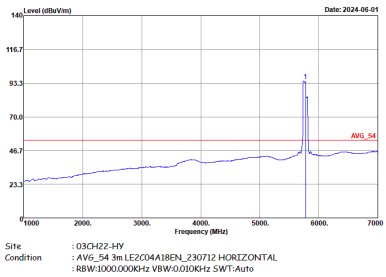
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

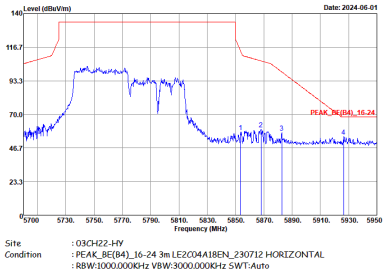
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

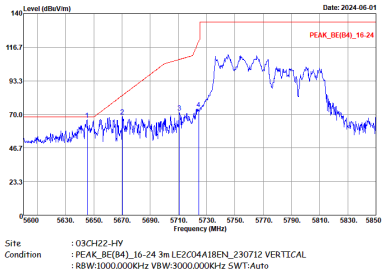
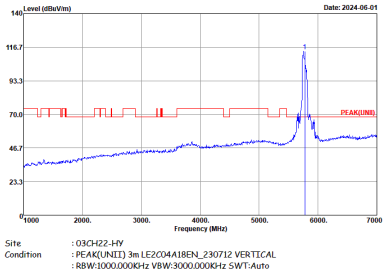
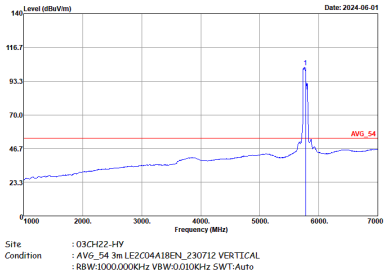
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
6+7	Vertical	Fundamental
Peak		Left blank

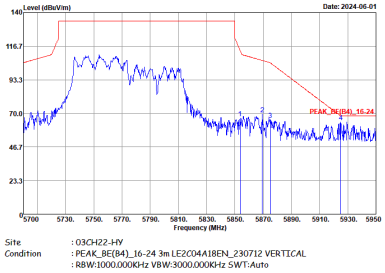
Band 4 5725~5850MHz

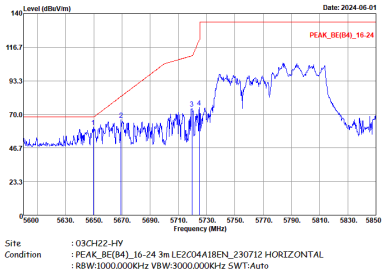
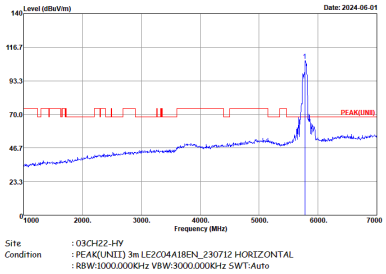
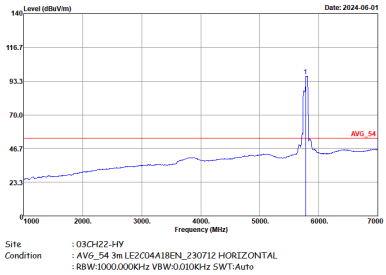
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

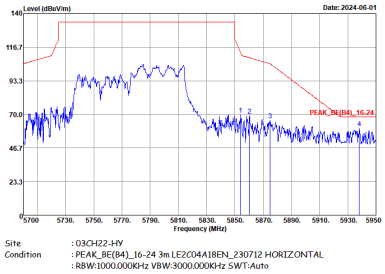
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH155 5775MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

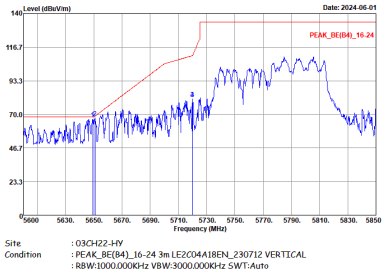
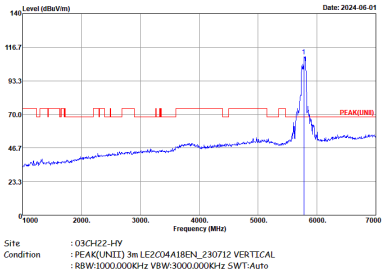
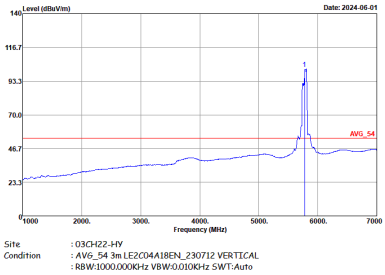
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH155 5775MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

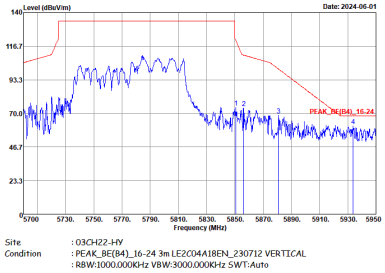
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH155 5775MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH155 5775MHz	
6+7	Vertical	Fundamental
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH155 5775MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank	

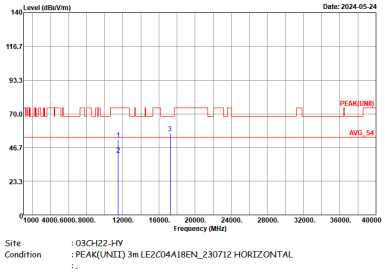
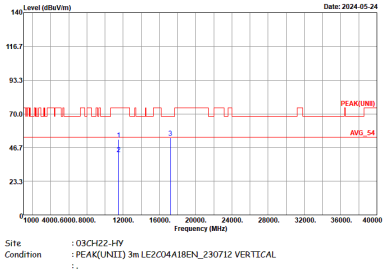
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH155 5775MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

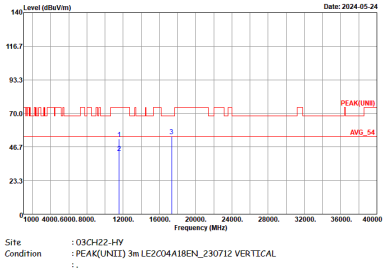
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH155 5775MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

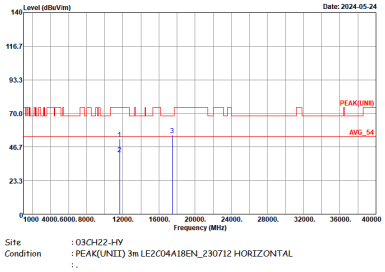
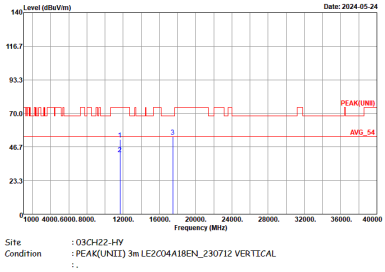
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH155 5775MHz	
6+7	Vertical	Fundamental
Peak		Left blank

Band 4 - 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

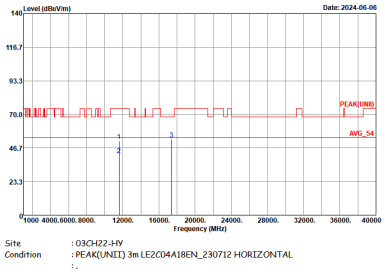
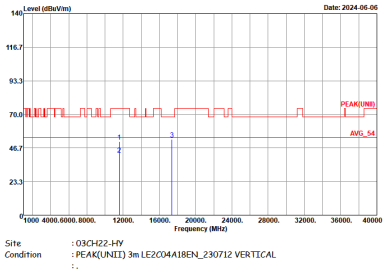
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
6+7	Horizontal	Vertical
Peak Avg.		

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : .	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : .

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : .	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : .

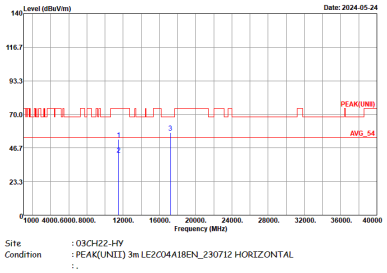
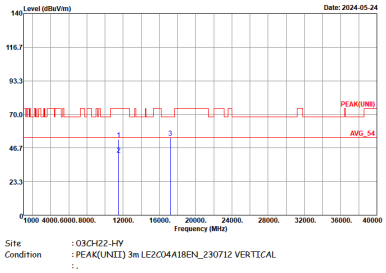
Band 4 5725~5850MHz

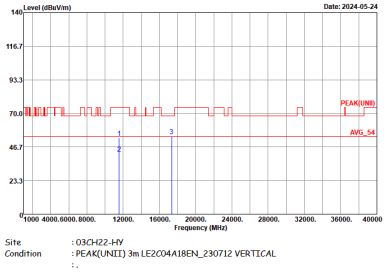
WIFI 802.11ac VHT40 (Harmonic @ 3m)

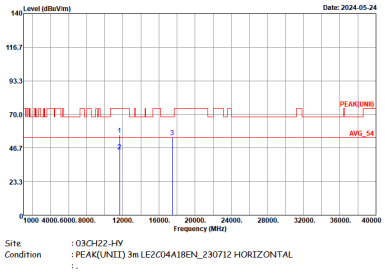
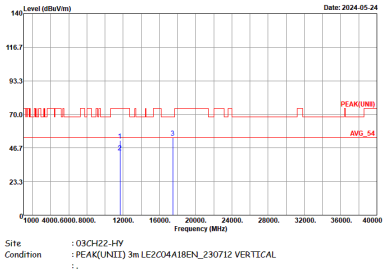
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
6+7	Horizontal	Vertical
Peak Avg.		

Band 4 5725~5850MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

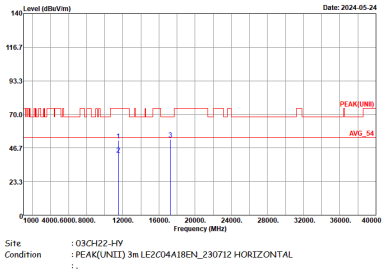
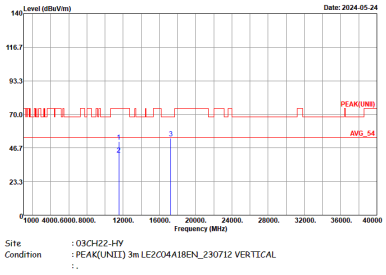
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
6+7	Horizontal	Vertical
Peak Avg.		

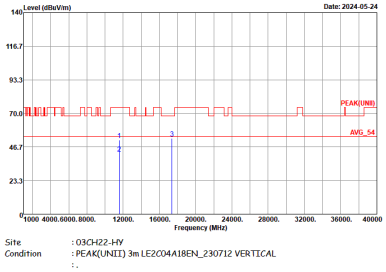
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : .	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : .

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : .	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : .

Band 4 5725~5850MHz

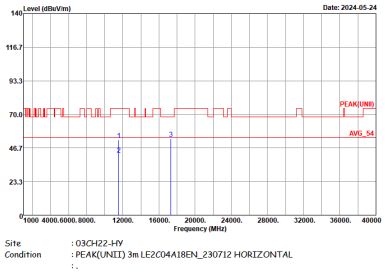
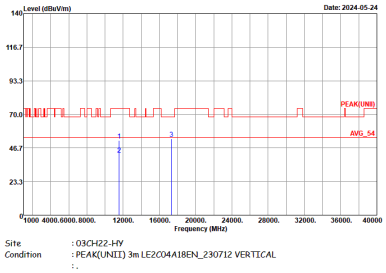
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
6+7	Horizontal	Vertical
Peak Avg.		

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 HORIZONTAL : .	 Site : 03CH22-HY Condition : PEAK(UNII) 3m LE2C04A18EN_230712 VERTICAL : .

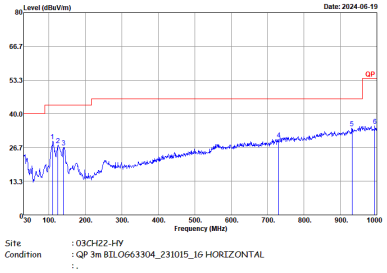
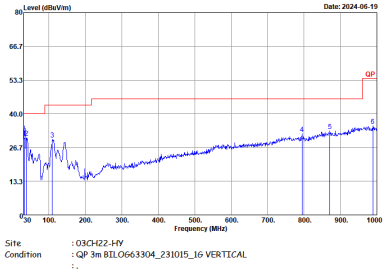
Band 4 5725~5850MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
6+7	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

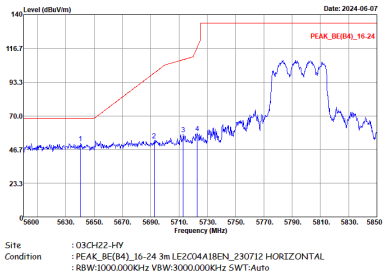
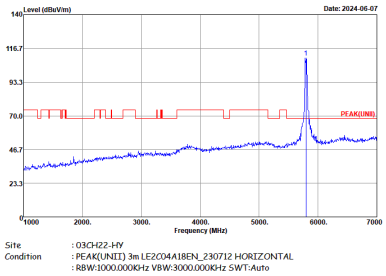
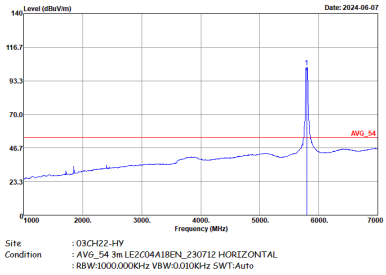
5GHz WIFI 802.11ax HE40 Full (LF @ 3m)

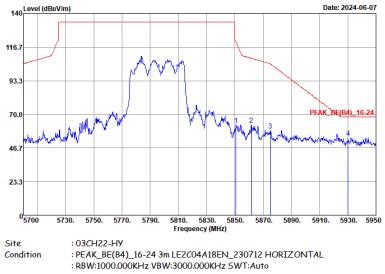
WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full LF	
6+7	Horizontal	Vertical
QP / Peak		

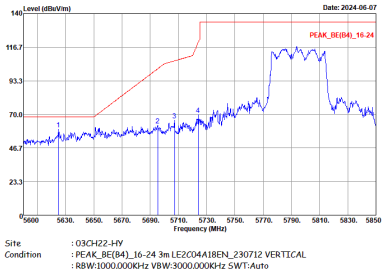
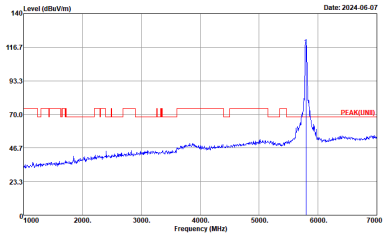
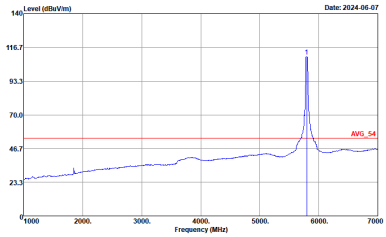
<Sample 2>

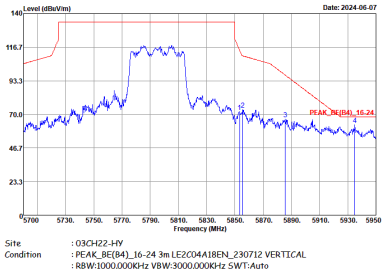
Band 4 - 5725~5850MHz

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

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank		

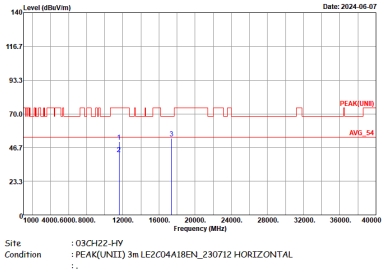
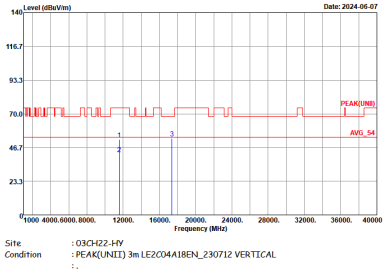
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE(B4)_16-24 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	Left blank	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		Left blank

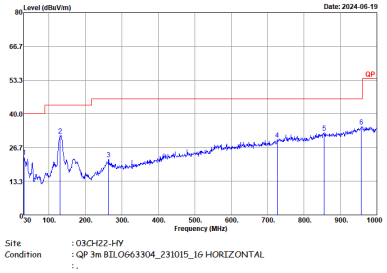
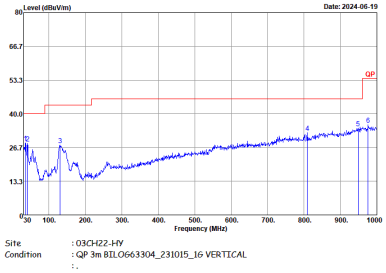
Band 4 - 5725~5850MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

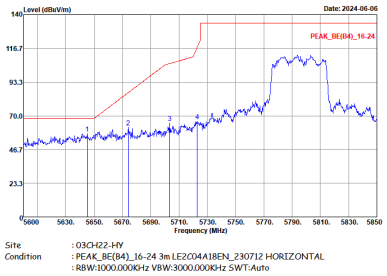
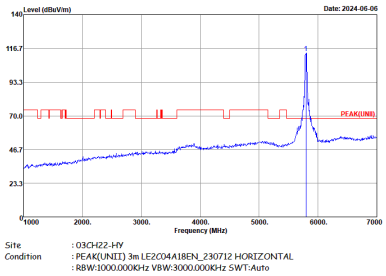
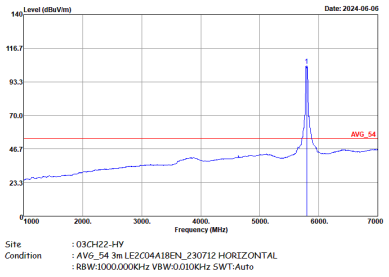
5GHz WIFI 802.11ax HE40 Full (LF @ 3m)

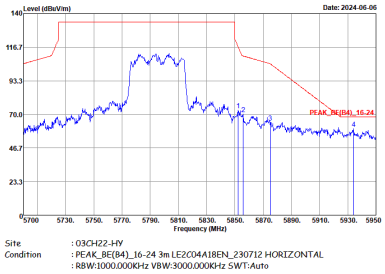
WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full LF	
6+7	Horizontal	Vertical
QP / Peak		

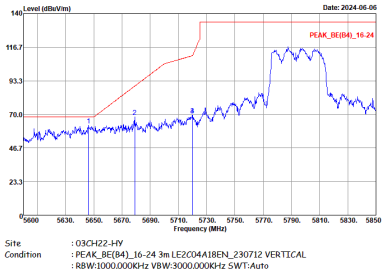
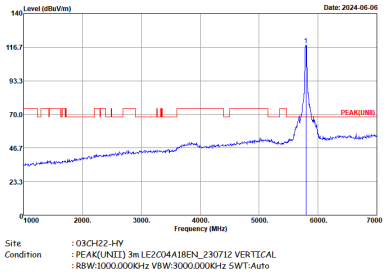
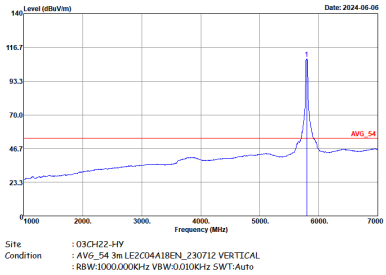
<Sample 3>

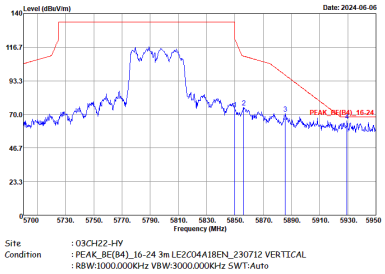
Band 4 - 5725~5850MHz

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

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		
Avg	Left blank		

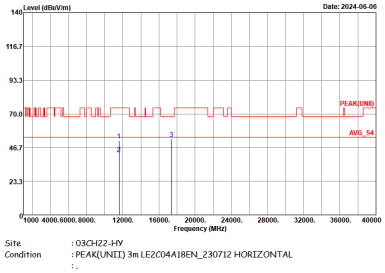
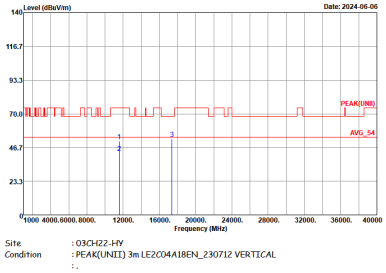
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
6+7	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		
Avg	Left blank	

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Vertical	Fundamental
Peak		Left blank

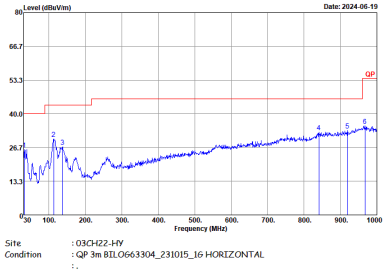
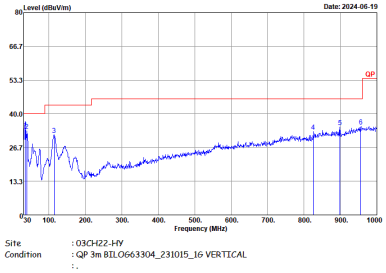
Band 4 - 5725~5850MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
6+7	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

5GHz WIFI 802.11ax HE40 Full (LF @ 3m)

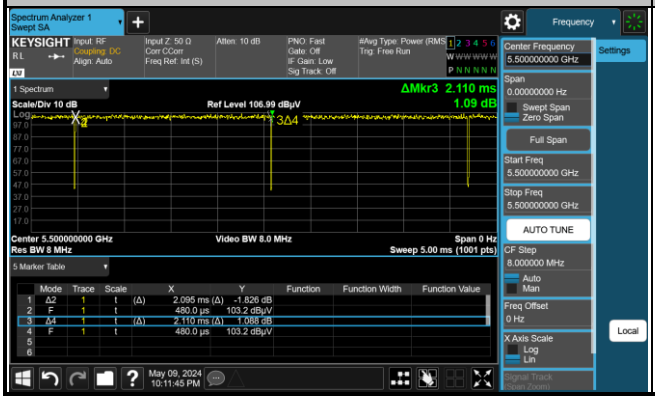
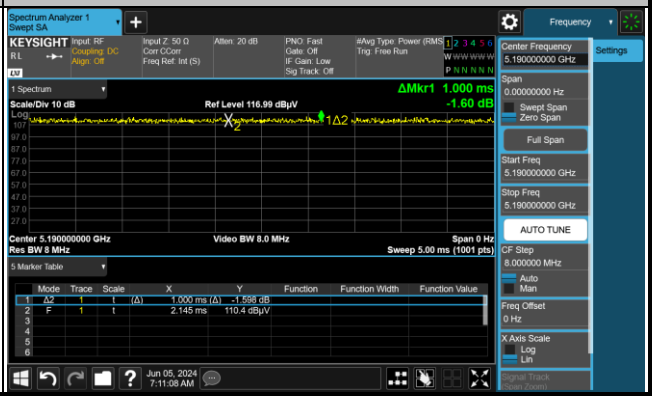
WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full LF	
6+7	Horizontal	Vertical
QP / Peak		

Appendix E. Duty Cycle Plots

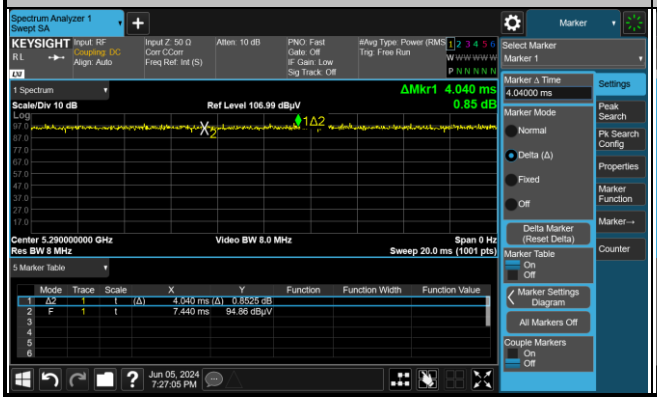
<Sample 1>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	802.11a	99.29	-	-	10Hz
6+7	5GHz 802.11ac VHT40	100.00	-	-	10Hz
6+7	5GHz 802.11ac VHT80	100.00	-	-	10Hz
6+7	5GHz 802.11ax HE20 Full RU	100.00	-	-	10Hz
6+7	5GHz 802.11ax HE20 106 RU	100.00	-	-	10Hz
6+7	5GHz 802.11ax HE40 Full RU	99.56	-	-	10Hz
6+7	5GHz 802.11ax HE40 242 RU	100.00	-	-	10Hz
6+7	5GHz 802.11ax HE80 Full RU	100.00	-	-	10Hz
6+7	5GHz 802.11ax HE80 484 RU	99.20	-	-	10Hz

MIMO <Ant. 6+7>

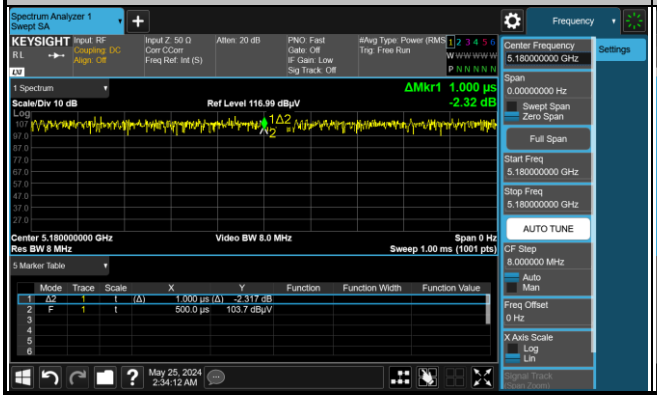
802.11a	5GHz 802.11ac VHT40
	

5GHz 802.11ac VHT80

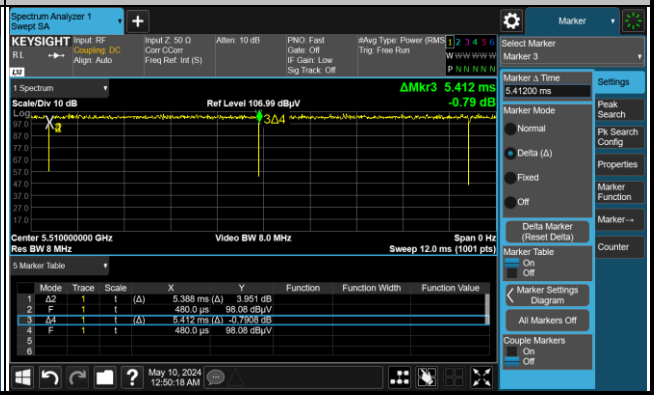


5GHz 802.11ax HE20 Full RU

5GHz 802.11ax HE20 106 RU



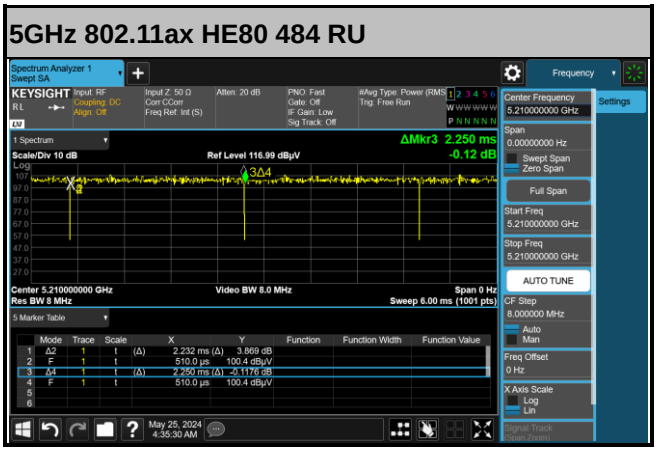
5GHz 802.11ax HE40 Full RU



5GHz 802.11ax HE40 242 RU

5GHz 802.11ax HE80 Full RU

5GHz 802.11ax HE80 484 RU

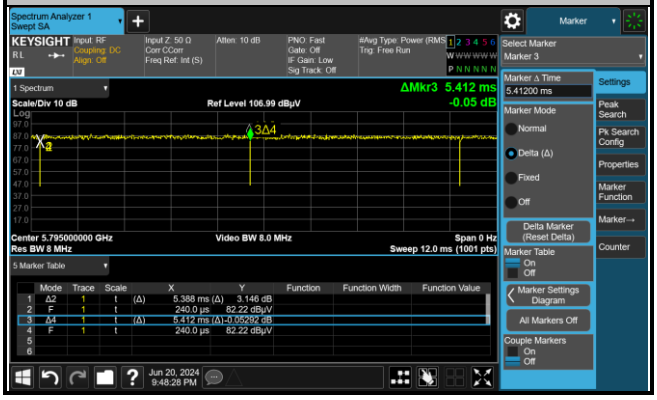


<Sample 2>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	5GHz 802.11ax HE40 Full RU	99.56	-	-	10Hz

MIMO <Ant. 6+7>

5GHz 802.11ax HE40 Full RU



<Sample 3>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
6+7	5GHz 802.11ax HE40 Full RU	99.33	-	-	10Hz

MIMO <Ant. 6+7>

5GHz 802.11ax HE40 Full RU