FCC RADIO TEST REPORT

FCC ID	:	**A4RGR83Y**
Equipment	:	**Phone**
Model Name	:	**GR83Y**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, CA 94043 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Dec. 20, 2023 and testing was performed from Jan. 08, 2024 to May 09, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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History of this test report

Report No.	Version	Description	Issue Date
FR3N2325E	01	Initial issue of report	Apr. 16, 2024
FR3N2325E	02	1. Revise Section 1.1 and 2.2 2. Revise Appendix A and Appendix D This report is an updated version, replacing the report issued on Apr. 16, 2024.	May 08, 2024
FR3N2325E	03	Revise Section 4 and Appendix A This report is an updated version, replacing the report issued on May 08, 2024.	May 10, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.76 dB under the limit at 5150.00 MHz
3.5	15.207	AC Conducted Emission	Pass	15.01 dB under the limit at 0.15 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: William Chen

Report Producer: Mila Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR, Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, UWB, NFC, WPT, NTN and GNSS. **Antenna Type** WLAN: **<Ant. 3>:** PIFA Antenna **<Ant. 4>:** IFA Antenna

EUT Information List	
S/N	**Performed Test Item**
41101FDAP0002H	RF Conducted Measurement
41051FDAP0001T	Radiated Spurious Emission
3B131FDAP0007E	Conducted Emission

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 3: -2.2 Ant. 4: -7.0
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 3: -1.7 Ant. 4: -5.6
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 3: 0.4 Ant. 4: -4.3

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

1.1.1 Antenna Directional Gain

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

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

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

where

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

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

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

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

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

	Ant 3 (dBi)	Ant 4 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-2.20	-7.00	-2.20	-1.26	0.00	0.00
Band II	-1.70	-5.60	-1.70	-0.42	0.00	0.00
Band III	0.40	-4.30	0.40	1.37	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT1}= 0.40dBi; G_{ANT2}=-4.30dBi

Directional gain of power measurement = max(0.40, -4.30) + 0 = 0.40 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (0.40 dBi / 20) + 10^ (-4.30 dBi / 20)] ^ 2 } / 2 }

= 1.37 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, 03CH16-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.

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 accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find X plane with Adapter as worst plane.

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40 and 802.11be EHT40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80 and 802.11be EHT80.
3. The above Frequency and Channel with "@" are 802.11ac VHT160 and 802.11ax HE160 and 802.11be EHT160.

2.2 Test Mode

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

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

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

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

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

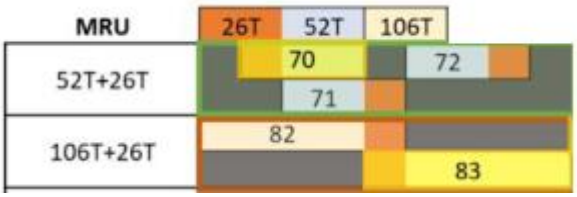
The final test modes include the worst data rates for each modulation shown in the table below.

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by EHT20)	MCS0
802.11n HT40 (Covered by EHT40)	MCS0
802.11ac VHT20 (Covered by EHT20)	MCS0
802.11ac VHT40 (Covered by EHT40)	MCS0
802.11ac VHT80 (Covered by EHT80)	MCS0
802.11ac VHT160 (Covered by EHT160)	MCS0
802.11ax HE20 (Covered by EHT20)	MCS0
802.11ax HE40 (Covered by EHT40)	MCS0
802.11ax HE80 (Covered by EHT80)	MCS0
802.11ax HE160 (Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

Index of MRU and puncture mode mapping

Small MRU



Large MRU

484+242-tone MRU			
2	1	4	3
80MHz puncture 20			
8	4	2	1

484+242-tone MRU							
2	1	4	3	6	5	8	7
160MHz puncture 20							
128	64	32	16	8	4	2	1

996+484-tone MRU			
2	1	4	3
160MHz puncture 40			
192	48	12	3

Note: The RF waveform is identical for large MRU and puncture modes.

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Tx Channel 60 + USB Cable 2 (Charging with Adapter 1)

Remark:
1. For Radiated Test Cases, the tests were performed with Adapter 1 and USB Cable 2.
2. During the preliminary test, both charging modes (Adapter mode and WPT Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.

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

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT20	802.11be EHT20	802.11be EHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT40	802.11be EHT40	802.11be EHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

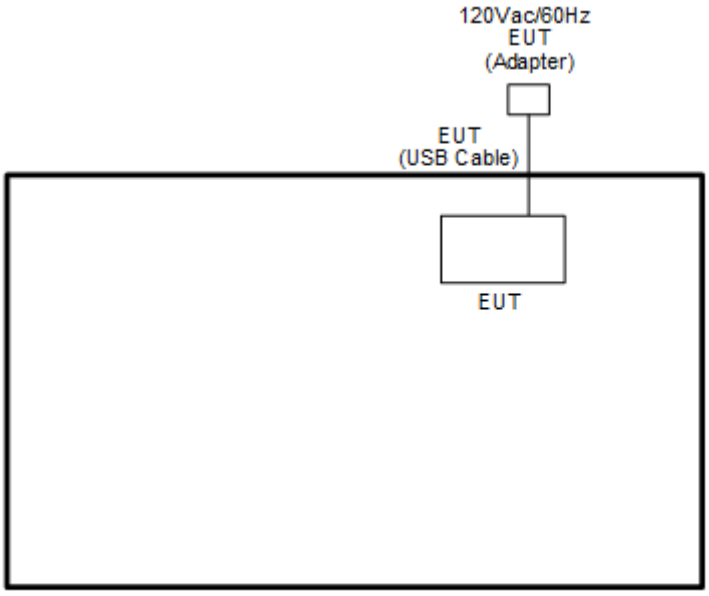
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11be EHT80	802.11be EHT80	802.11be EHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

BW160	5150-5350 MHz	5470-5725MHz
	802.11be EHT160	802.11be EHT160
Ch. #	50	114

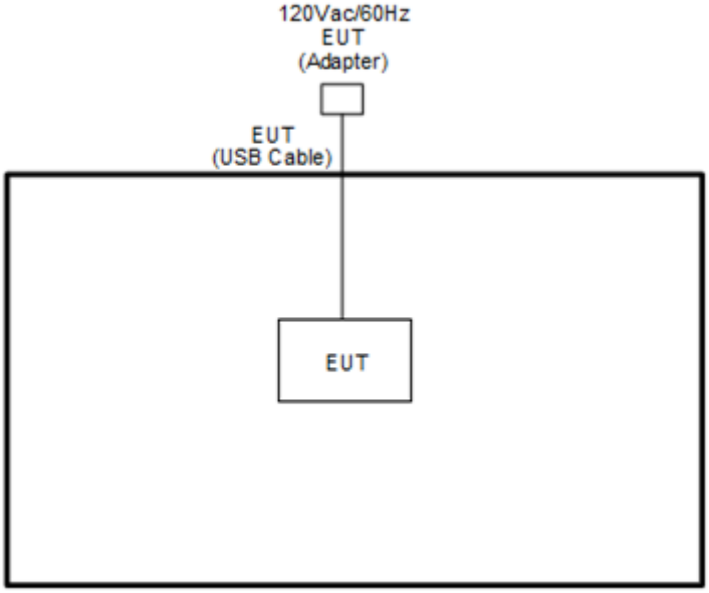
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx with Adapter Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	Latitude 5480	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 “WLAN_DUT_Control_GUI_11-29-23” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

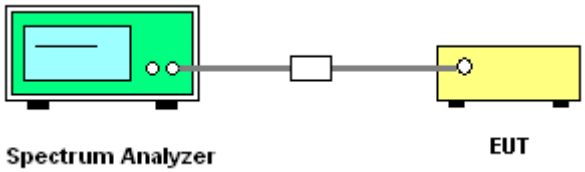
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

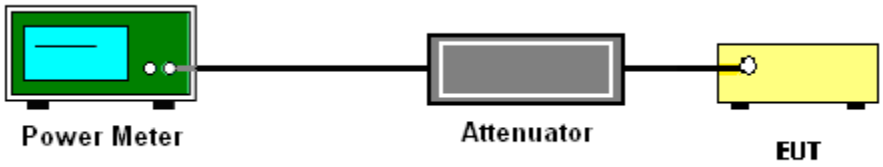
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

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

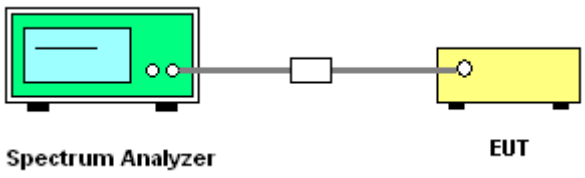
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

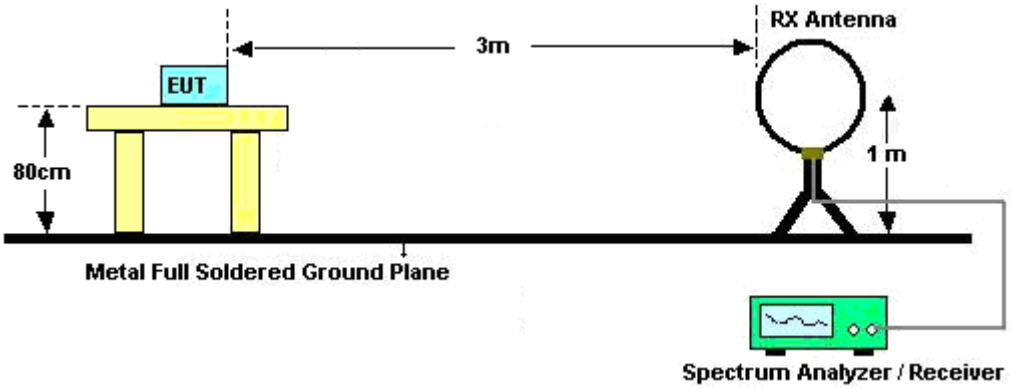
(2) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

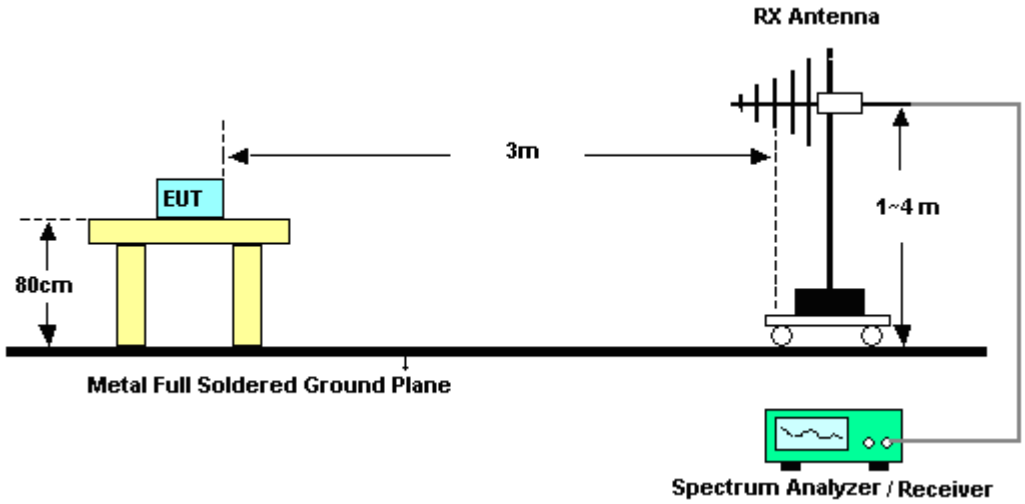
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

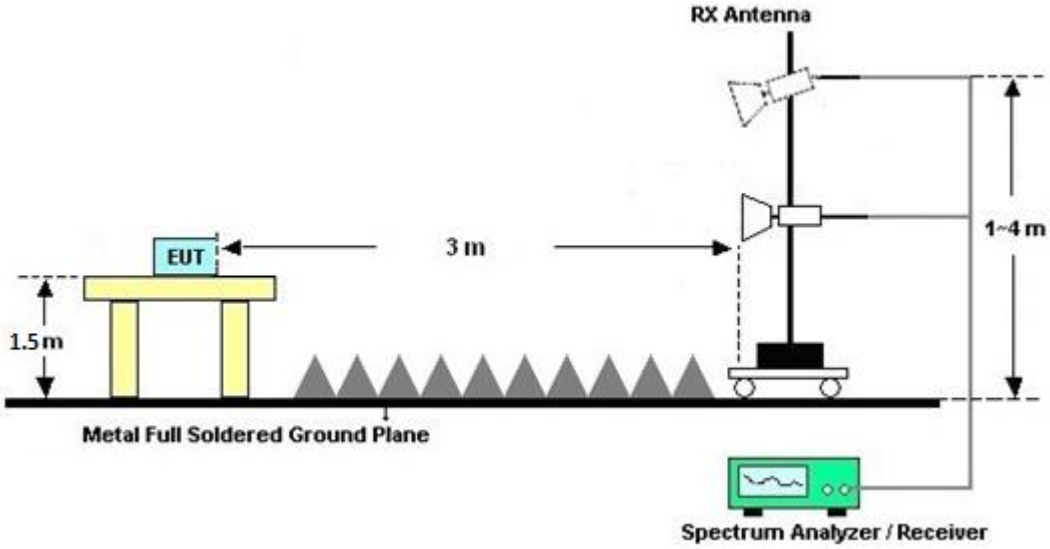
For radiated emissions below 30MHz



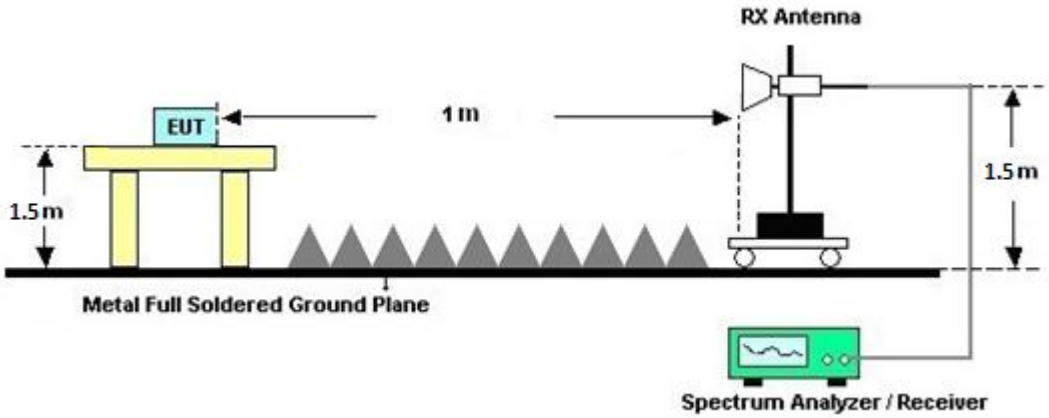
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

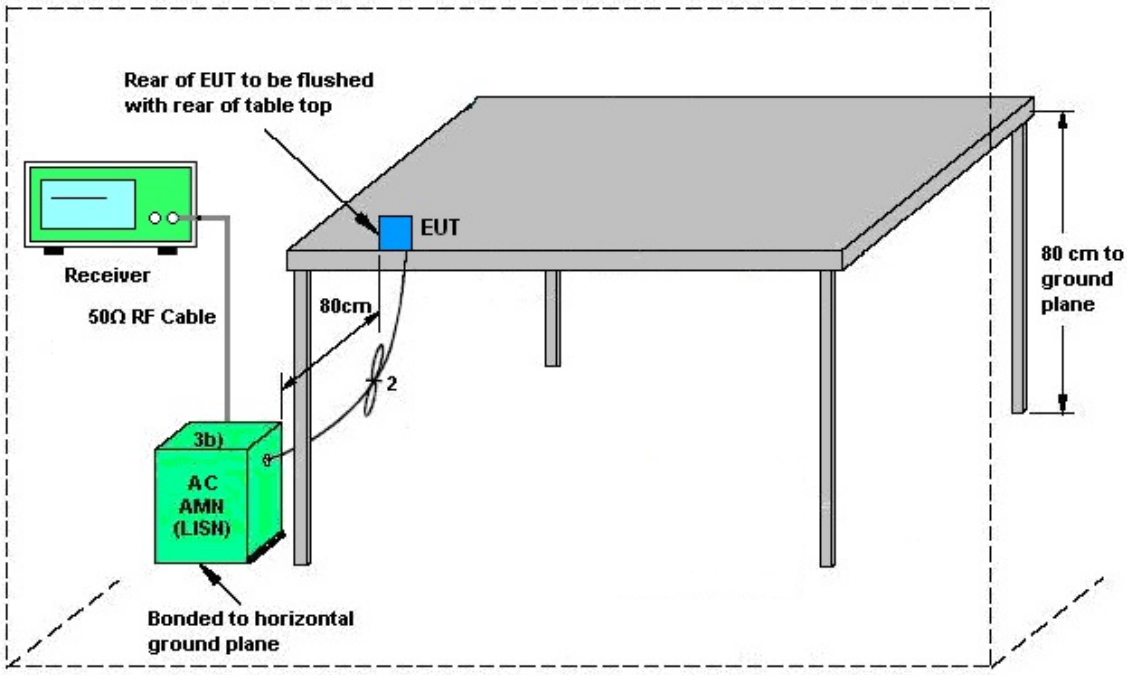
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 23, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 23, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	Mar. 23, 2024	Oct. 19, 2024	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	Mar. 23, 2024	Mar. 13, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Mar. 23, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Mar. 23, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Mar. 23, 2024	Sep. 19, 2024	Conduction (CO07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Jan. 19, 2024~ Mar. 28, 2024	Sep. 11, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1224	18GHz-40GHz	Jul. 10, 2023	Jan. 19, 2024~ Mar. 28, 2024	Jul. 09, 2024	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 04, 2023	Jan. 19, 2024~ Mar. 28, 2024	Dec. 03, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	Jan. 19, 2024~ Mar. 28, 2024	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 23, 2023	Jan. 19, 2024~ Mar. 21, 2024	Mar. 22, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02038	1G~18GHz	Jul. 31, 2023	Jan. 19, 2024~ Mar. 28, 2024	Jul. 30, 2024	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 03, 2023	Jan. 19, 2024~ Mar. 28, 2024	Jul. 02, 2024	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 07, 2023	Jan. 19, 2024~ Mar. 28, 2024	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	Jan. 19, 2024~ Mar. 28, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Jan. 19, 2024~ Mar. 28, 2024	Jun. 26, 2024	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	Jan. 19, 2024~ Mar. 28, 2024	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN27	6.75GHz High Pass Filter	Nov. 13, 2023	Jan. 19, 2024~ Mar. 28, 2024	Nov. 12, 2024	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9k~30M	Mar. 07, 2023	Jan. 19, 2024~ Mar. 05, 2024	Mar. 06, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9k~30M	Mar. 06, 2024	Mar. 06, 2024~ Mar. 28, 2024	Mar. 05, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-5757,805935/4,802434/4	30MHz~18GHz	Aug. 08, 2023	Jan. 19, 2024~ Mar. 28, 2024	Aug. 07, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40GHz	Jan. 02, 2024	Jan. 19, 2024~ Mar. 28, 2024	Jan. 01, 2025	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jan. 19, 2024~ Mar. 28, 2024	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jan. 19, 2024~ Mar. 28, 2024	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 19, 2024~ Mar. 28, 2024	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 19, 2024~ Mar. 28, 2024	N/A	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Jan. 08, 2024~ May 09, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO036 (NO:35)	10MHz~6GHz	Aug. 23, 2023	Jan. 08, 2024~ May 09, 2024	Aug. 22, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 27, 2023	Jan. 08, 2024~ May 09, 2024	Nov. 26, 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))	**6.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.5 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Ju Chang	Temperature:	21~25	°C
Test Date:	2024/01/08-2024/5/9	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	36	5180	17.44	16.98	27.84	23.68	-		22.30			
11a	6Mbps	2	44	5220	17.98	17.21	28.96	26.08	-		22.36		-	
11a	6Mbps	2	48	5240	17.87	17.15	30.64	27.84	-		22.34			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
11a	6Mbps	2	36	5180	17.05	16.88	19.98	24.00		-2.20		Pass
11a	6Mbps	2	44	5220	18.75	18.58	21.68	24.00		-2.20		Pass
11a	6Mbps	2	48	5240	18.25	17.98	21.13	24.00		-2.20		Pass
HT20	MCS0	2	36	5180	15.35	14.78	18.08	24.00		-2.20		Pass
HT20	MCS0	2	44	5220	18.95	17.68	21.37	24.00		-2.20		Pass
HT20	MCS0	2	48	5240	18.35	18.38	21.38	24.00		-2.20		Pass
HT40	MCS0	2	38	5190	12.25	11.78	15.03	24.00		-2.20		Pass
HT40	MCS0	2	46	5230	19.65	19.28	22.48	24.00		-2.20	-	Pass
VHT20	MCS0	2	36	5180	15.35	14.78	18.08	24.00		-2.20		Pass
VHT20	MCS0	2	44	5220	18.95	17.68	21.37	24.00		-2.20		Pass
VHT20	MCS0	2	48	5240	18.35	18.38	21.38	24.00		-2.20		Pass
VHT40	MCS0	2	38	5190	12.25	11.78	15.03	24.00		-2.20		Pass
VHT40	MCS0	2	46	5230	19.65	19.28	22.48	24.00		-2.20		Pass
VHT80	MCS0	2	42	5210	9.75	9.08	12.44	24.00		-2.20		Pass
VHT160	MCS0	2	50	5250	8.85	8.78	11.83	24.00		-2.20		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	36	5180	0.00	0.00	-		9.65	11.00		-1.26		-	Pass
11a	6Mbps	2	44	5220	0.00	0.00			10.74	11.00		-1.26			Pass
11a	6Mbps	2	48	5240	0.00	0.00			10.94	11.00		-1.26			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	
11a	6Mbps	2	52	5260	17.81	17.06	29.68	27.28	23.32		29.32		23.98		-
11a	6Mbps	2	60	5300	18.94	17.57	33.28	29.28	23.45		29.45		23.98		
11a	6Mbps	2	64	5320	16.94	16.75	20.88	20.86	23.24		29.24		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	52	5260	18.25	17.48	20.89	23.98		-1.70		30	Pass
11a	6Mbps	2	60	5300	18.95	18.58	21.78	23.98		-1.70		30	Pass
11a	6Mbps	2	64	5320	14.45	13.78	17.14	23.98		-1.70		30	Pass
HT20	MCS0	2	52	5260	18.75	18.48	21.63	23.98		-1.70		30	Pass
HT20	MCS0	2	60	5300	18.45	17.88	21.18	23.98		-1.70		30	Pass
HT20	MCS0	2	64	5320	12.25	11.28	14.80	23.98		-1.70		30	Pass
HT40	MCS0	2	54	5270	16.35	15.58	18.99	23.98		-1.70		30	Pass
HT40	MCS0	2	62	5310	7.85	7.18	10.54	23.98		-1.70		30	Pass
VHT20	MCS0	2	52	5260	18.75	18.48	21.63	23.98		-1.70		30	Pass
VHT20	MCS0	2	60	5300	18.45	17.88	21.18	23.98		-1.70		30	Pass
VHT20	MCS0	2	64	5320	12.25	11.28	14.80	23.98		-1.70		30	Pass
VHT40	MCS0	2	54	5270	16.35	15.58	18.99	23.98		-1.70		30	Pass
VHT40	MCS0	2	62	5310	7.85	7.18	10.54	23.98		-1.70		30	Pass
VHT80	MCS0	2	58	5290	8.45	8.18	11.33	23.98		-1.70		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	52	5260	0.00	0.00	-		10.58	11.00		-0.42		-	Pass
11a	6Mbps	2	60	5300	0.00	0.00			10.77	11.00		-0.42			Pass
11a	6Mbps	2	64	5320	0.00	0.00			6.77	11.00		-0.42			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
11a	6Mbps	2	100	5500	17.15	17.00	26.24	26.32	23.30		29.30		23.98		----	----
11a	6Mbps	2	116	5580	18.28	17.94	29.60	30.40	23.54		29.54		23.98		----	----
11a	6Mbps	2	140	5700	16.97	16.74	21.12	20.88	23.24		29.24		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
11a	6Mbps	2	144	5720	13.76	13.49	19.32	17.16	22.30		28.30		23.35		3.25	3.25

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	100	5500	17.45	17.78	20.63	23.98		0.40		30	Pass
11a	6Mbps	2	116	5580	17.95	18.38	21.18	23.98		0.40		30	Pass
11a	6Mbps	2	140	5700	14.85	15.08	17.98	23.98		0.40		30	Pass
HT20	MCS0	2	100	5500	18.25	18.58	21.43	23.98		0.40		30	Pass
HT20	MCS0	2	116	5580	18.25	18.68	21.48	23.98		0.40		30	Pass
HT20	MCS0	2	140	5700	13.25	13.38	16.33	23.98		0.40		30	Pass
HT40	MCS0	2	102	5510	13.95	14.48	17.23	23.98		0.40		30	Pass
HT40	MCS0	2	110	5550	19.05	19.38	22.23	23.98		0.40		30	Pass
HT40	MCS0	2	134	5670	14.45	15.18	17.84	23.98		0.40		30	Pass
VHT20	MCS0	2	100	5500	18.25	18.58	21.43	23.98		0.40		30	Pass
VHT20	MCS0	2	116	5580	18.25	18.68	21.48	23.98		0.40		30	Pass
VHT20	MCS0	2	140	5700	13.25	13.38	16.33	23.98		0.40		30	Pass
VHT40	MCS0	2	102	5510	13.95	14.48	17.23	23.98		0.40		30	Pass
VHT40	MCS0	2	110	5550	19.05	19.38	22.23	23.98		0.40		30	Pass
VHT40	MCS0	2	134	5670	14.45	15.18	17.84	23.98		0.40		30	Pass
VHT80	MCS0	2	106	5530	9.65	10.28	12.99	23.98		0.40		30	Pass
VHT80	MCS0	2	122	5610	19.05	19.58	22.33	23.98		0.40		30	Pass
VHT160	MCS0	2	114	5570	7.55	9.18	11.45	23.98		0.40		30	Pass

FCC U-NII-2C straddle channel MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	144	5720	18.25	18.48	21.38	23.35		0.40		30	Pass
HT20	MCS0	2	144	5720	18.75	19.28	22.03	23.98		0.40		30	Pass
HT40	MCS0	2	142	5710	19.05	19.68	22.39	23.98		0.40		30	Pass
VHT20	MCS0	2	144	5720	18.75	19.28	22.03	23.98		0.40		30	Pass
VHT40	MCS0	2	142	5710	19.05	19.68	22.39	23.98		0.40		30	Pass
VHT80	MCS0	2	138	5690	19.05	19.68	22.39	23.98		0.40		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	100	5500	0.00	0.00	-		10.56	11.00		1.37		-	Pass
11a	6Mbps	2	116	5580	0.00	0.00			10.75	11.00		1.37			Pass
11a	6Mbps	2	140	5700	0.00	0.00			7.17	11.00		1.37			Pass

U-NII-2C straddle channel MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	144	5720	0.00	0.00	-		10.87	11.00		1.37		-	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
HE20	MCS0	2	36	5180	Full	15.45	14.88	18.18	24.00		-2.20		-	Pass
HE20	MCS0	2	44	5220	Full	18.95	18.78	21.88	24.00		-2.20			Pass
HE20	MCS0	2	48	5240	Full	18.45	18.48	21.48	24.00		-2.20			Pass
HE40	MCS0	2	38	5190	Full	12.35	11.88	15.13	24.00		-2.20			Pass
HE40	MCS0	2	46	5230	Full	19.75	19.38	22.58	24.00		-2.20			Pass
HE80	MCS0	2	42	5210	Full	9.85	9.18	12.54	24.00		-2.20			Pass
HE160	MCS0	2	50	5250	Full	8.95	8.88	11.93	24.00		-2.20			Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
HE20	MCS0	2	52	5260	Full	18.85	18.58	21.73	23.98		-1.70		30	Pass
HE20	MCS0	2	60	5300	Full	18.55	17.98	21.28	23.98		-1.70		30	Pass
HE20	MCS0	2	64	5320	Full	12.35	11.38	14.90	23.98		-1.70		30	Pass
HE40	MCS0	2	54	5270	Full	16.45	15.68	19.09	23.98		-1.70		30	Pass
HE40	MCS0	2	62	5310	Full	7.85	7.28	10.58	23.98		-1.70		30	Pass
HE80	MCS0	2	58	5290	Full	8.55	8.28	11.43	23.98		-1.70		30	Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
HE20	MCS0	2	100	5500	Full	18.35	18.68	21.53	23.98		0.40		30	Pass
HE20	MCS0	2	116	5580	Full	18.35	18.78	21.58	23.98		0.40		30	Pass
HE20	MCS0	2	140	5700	Full	13.35	13.48	16.43	23.98		0.40		30	Pass
HE40	MCS0	2	102	5510	Full	14.05	14.48	17.28	23.98		0.40		30	Pass
HE40	MCS0	2	110	5550	Full	19.15	19.48	22.33	23.98		0.40		30	Pass
HE40	MCS0	2	134	5670	Full	14.55	15.28	17.94	23.98		0.40		30	Pass
HE80	MCS0	2	106	5530	Full	9.75	10.38	13.09	23.98		0.40		30	Pass
HE80	MCS0	2	122	5610	Full	19.15	19.68	22.43	23.98		0.40		30	Pass
HE160	MCS0	2	114	5570	Full	7.55	9.28	11.51	23.98		0.40		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
HE20	MCS0	2	144	5720	Full	18.85	19.38	22.13	23.98		0.40		30	Pass
HE40	MCS0	2	142	5710	Full	19.15	19.78	22.49	23.98		0.40		30	Pass
HE80	MCS0	2	138	5690	Full	19.15	19.78	22.49	23.98		0.40		30	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	36	5180	Full	19.05	19.01	23.12	21.20	-		22.79			
EHT20	MCS0	2	44	5220	Full	19.55	19.25	32.72	31.04	-		22.84			
EHT20	MCS0	2	48	5240	Full	19.50	19.22	31.60	30.00	-		22.84			
EHT40	MCS0	2	38	5190	Full	37.94	37.87	41.60	41.60	-		23.01		-	-
EHT40	MCS0	2	46	5230	Full	44.75	39.03	82.08	69.44	-		23.01			
EHT80	MCS0	2	42	5210	Full	77.06	77.07	82.88	83.20	-		23.01			
EHT160	MCS0	2	50	5250	Full	156.92	156.66	166.89	165.78	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	36	5180	Full	15.45	14.98	18.23	24.00		-2.20			Pass
EHT20	MCS0	2	36	5180	26/0	7.25	7.48	10.38	24.00		-2.20			Pass
EHT20	MCS0	2	36	5180	52/37	10.45	10.18	13.33	24.00		-2.20			Pass
EHT20	MCS0	2	36	5180	106/53	13.45	13.18	16.33	24.00		-2.20			Pass
EHT20	MCS0	2	36	5180	52T+26T/70	12.15	11.78	14.98	24.00		-2.20			Pass
EHT20	MCS0	2	36	5180	106T+26T/82	14.35	13.78	17.08	24.00		-2.20			Pass
EHT20	MCS0	2	44	5220	Full	18.95	18.88	21.93	24.00		-2.20			Pass
EHT20	MCS0	2	44	5220	26/4	11.95	11.48	14.73	24.00		-2.20			Pass
EHT20	MCS0	2	44	5220	52/39	13.55	13.08	16.33	24.00		-2.20			Pass
EHT20	MCS0	2	44	5220	106/54	16.75	16.28	19.53	24.00		-2.20			Pass
EHT20	MCS0	2	44	5220	52T+26T/71	15.65	15.08	18.38	24.00		-2.20			Pass
EHT20	MCS0	2	44	5220	106T+26T/83	17.85	17.38	20.63	24.00		-2.20			Pass
EHT20	MCS0	2	48	5240	Full	18.55	18.58	21.58	24.00		-2.20		-	Pass
EHT20	MCS0	2	48	5240	26/8	10.65	10.28	13.48	24.00		-2.20			Pass
EHT20	MCS0	2	48	5240	52/40	13.35	13.08	16.23	24.00		-2.20			Pass
EHT20	MCS0	2	48	5240	106/54	16.05	15.88	18.98	24.00		-2.20			Pass
EHT20	MCS0	2	48	5240	52T+26T/72	14.75	14.58	17.68	24.00		-2.20			Pass
EHT20	MCS0	2	48	5240	106T+26T/83	17.25	16.98	20.13	24.00		-2.20			Pass
EHT40	MCS0	2	38	5190	Full	12.45	11.98	15.23	24.00		-2.20			Pass
EHT40	MCS0	2	46	5230	Full	19.85	19.48	22.68	24.00		-2.20			Pass
EHT80	MCS0	2	42	5210	Full	9.95	9.28	12.64	24.00		-2.20			Pass
EHT80	MCS0	2	42	5210	Puncture 20/8	8.95	8.78	11.88	24.00		-2.20			Pass
EHT160	MCS0	2	50	5250	Full	9.05	8.98	12.03	24.00		-2.20			Pass
EHT160	MCS0	2	50	5250	Puncture40/192	8.35	8.28	11.33	24.00		-2.20			Pass
EHT160	MCS0	2	50	5250	Puncture20/128	8.45	8.68	11.58	24.00		-2.20			Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	36	5180	Full	0.00	0.00			7.54	11.00		-1.26			Pass
EHT20	MCS0	2	36	5180	26/0	0.08	0.08			7.40	11.00		-1.26			Pass
EHT20	MCS0	2	36	5180	52/37	0.12	0.09			7.49	11.00		-1.26			Pass
EHT20	MCS0	2	36	5180	106/53	0.13	0.13			7.53	11.00		-1.26			Pass
EHT20	MCS0	2	36	5180	52T+26T/70	0.00	0.05			7.49	11.00		-1.26			Pass
EHT20	MCS0	2	36	5180	106T+26T/82	0.09	0.09			7.39	11.00		-1.26			Pass
EHT20	MCS0	2	44	5220	Full	0.00	0.00			10.54	11.00		-1.26			Pass
EHT20	MCS0	2	44	5220	26/4	0.08	0.08			10.17	11.00		-1.26			Pass
EHT20	MCS0	2	44	5220	52/39	0.12	0.09			10.29	11.00		-1.26			Pass
EHT20	MCS0	2	44	5220	106/54	0.13	0.13			10.39	11.00		-1.26			Pass
EHT20	MCS0	2	44	5220	52T+26T/71	0.00	0.05			10.39	11.00		-1.26			Pass
EHT20	MCS0	2	44	5220	106T+26T/83	0.09	0.09			10.38	11.00		-1.26			Pass
EHT20	MCS0	2	48	5240	Full	0.00	0.00	-		10.81	11.00		-1.26		-	Pass
EHT20	MCS0	2	48	5240	26/8	0.08	0.08			10.77	11.00		-1.26			Pass
EHT20	MCS0	2	48	5240	52/40	0.12	0.09			10.72	11.00		-1.26			Pass
EHT20	MCS0	2	48	5240	106/54	0.13	0.13			10.70	11.00		-1.26			Pass
EHT20	MCS0	2	48	5240	52T+26T/72	0.00	0.05			10.63	11.00		-1.26			Pass
EHT20	MCS0	2	48	5240	106T+26T/83	0.09	0.09			10.73	11.00		-1.26			Pass
EHT40	MCS0	2	38	5190	Full	0.07	0.07			1.23	11.00		-1.26			Pass
EHT40	MCS0	2	46	5230	Full	0.07	0.07			9.00	11.00		-1.26			Pass
EHT80	MCS0	2	42	5210	Full	0.12	0.12			-4.67	11.00		-1.26			Pass
EHT80	MCS0	2	42	5210	Puncture 20/8	0.09	0.09			-4.72	11.00		-1.26			Pass
EHT160	MCS0	2	50	5250	Full	0.21	0.21			-7.85	11.00		-1.26			Pass
EHT160	MCS0	2	50	5250	Puncture40/192	0.16	0.16			-7.97	11.00		-1.26			Pass
EHT160	MCS0	2	50	5250	Puncture20/128	0.18	0.20			-8.29	11.00		-1.26			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	
EHT20	MCS0	2	52	5260	Full	19.94	19.45	40.80	33.92	23.89		29.89		23.98		-
EHT20	MCS0	2	60	5300	Full	19.37	19.16	31.12	28.48	23.82		29.82		23.98		
EHT20	MCS0	2	64	5320	Full	18.97	18.94	21.17	21.06	23.77		29.77		23.98		
EHT40	MCS0	2	54	5270	Full	38.25	38.07	49.12	44.00	23.98		30.00		23.98		
EHT40	MCS0	2	62	5310	Full	37.87	37.80	41.23	41.01	23.98		30.00		23.98		
EHT80	MCS0	2	58	5290	Full	77.06	77.06	82.21	81.66	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	52	5260	Full	18.95	18.68	21.83	23.98		-1.70		30	Pass
EHT20	MCS0	2	52	5260	26/0	10.55	9.98	13.28	23.98		-1.70		30	Pass
EHT20	MCS0	2	52	5260	52/37	13.35	12.78	16.08	23.98		-1.70		30	Pass
EHT20	MCS0	2	52	5260	106/53	16.65	16.18	19.43	23.98		-1.70		30	Pass
EHT20	MCS0	2	52	5260	52T+26T/70	15.45	14.58	18.05	23.98		-1.70		30	Pass
EHT20	MCS0	2	52	5260	106T+26T/82	17.55	17.08	20.33	23.98		-1.70		30	Pass
EHT20	MCS0	2	60	5300	Full	18.65	18.08	21.38	23.98		-1.70		30	Pass
EHT20	MCS0	2	60	5300	26/4	11.85	10.98	14.45	23.98		-1.70		30	Pass
EHT20	MCS0	2	60	5300	52/39	13.35	12.68	16.04	23.98		-1.70		30	Pass
EHT20	MCS0	2	60	5300	106/54	16.35	15.38	18.90	23.98		-1.70		30	Pass
EHT20	MCS0	2	60	5300	52T+26T/71	15.25	14.28	17.80	23.98		-1.70		30	Pass
EHT20	MCS0	2	60	5300	106T+26T/83	17.45	16.58	20.05	23.98		-1.70		30	Pass
EHT20	MCS0	2	64	5320	Full	12.45	11.48	15.00	23.98		-1.70		30	Pass
EHT20	MCS0	2	64	5320	26/8	3.25	3.28	6.28	23.98		-1.70		30	Pass
EHT20	MCS0	2	64	5320	52/40	6.15	6.28	9.23	23.98		-1.70		30	Pass
EHT20	MCS0	2	64	5320	106/54	9.25	8.68	11.98	23.98		-1.70		30	Pass
EHT20	MCS0	2	64	5320	52T+26T/72	8.05	7.88	10.98	23.98		-1.70		30	Pass
EHT20	MCS0	2	64	5320	106T+26T/83	10.55	9.98	13.28	23.98		-1.70		30	Pass
EHT40	MCS0	2	54	5270	Full	16.45	15.78	19.14	23.98		-1.70		30	Pass
EHT40	MCS0	2	62	5310	Full	7.95	7.38	10.68	23.98		-1.70		30	Pass
EHT80	MCS0	2	58	5290	Full	8.65	8.38	11.53	23.98		-1.70		30	Pass
EHT80	MCS0	2	58	5290	Puncture 20/1	8.05	7.58	10.83	23.98		-1.70		30	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	52	5260	Full	0.00	0.00			10.97	11.00		-0.42			Pass
EHT20	MCS0	2	52	5260	26/0	0.08	0.08			10.57	11.00		-0.42			Pass
EHT20	MCS0	2	52	5260	52/37	0.12	0.09			10.62	11.00		-0.42			Pass
EHT20	MCS0	2	52	5260	106/53	0.13	0.13			10.71	11.00		-0.42			Pass
EHT20	MCS0	2	52	5260	52T+26T/70	0.00	0.05			10.82	11.00		-0.42			Pass
EHT20	MCS0	2	52	5260	106T+26T/82	0.09	0.09			10.80	11.00		-0.42			Pass
EHT20	MCS0	2	60	5300	Full	0.00	0.00			9.93	11.00		-0.42			Pass
EHT20	MCS0	2	60	5300	26/4	0.08	0.08			9.89	11.00		-0.42			Pass
EHT20	MCS0	2	60	5300	52/39	0.12	0.09			9.65	11.00		-0.42			Pass
EHT20	MCS0	2	60	5300	106/54	0.13	0.13			9.76	11.00		-0.42			Pass
EHT20	MCS0	2	60	5300	52T+26T/71	0.00	0.05			9.87	11.00		-0.42			Pass
EHT20	MCS0	2	60	5300	106T+26T/83	0.09	0.09	-		9.67	11.00		-0.42		-	Pass
EHT20	MCS0	2	64	5320	Full	0.00	0.00			4.11	11.00		-0.42			Pass
EHT20	MCS0	2	64	5320	26/8	0.08	0.08			3.83	11.00		-0.42			Pass
EHT20	MCS0	2	64	5320	52/40	0.12	0.09			3.91	11.00		-0.42			Pass
EHT20	MCS0	2	64	5320	106/54	0.13	0.13			3.42	11.00		-0.42			Pass
EHT20	MCS0	2	64	5320	52T+26T/72	0.00	0.05			3.91	11.00		-0.42			Pass
EHT20	MCS0	2	64	5320	106T+26T/83	0.09	0.09			3.61	11.00		-0.42			Pass
EHT40	MCS0	2	54	5270	Full	0.07	0.07			5.40	11.00		-0.42			Pass
EHT40	MCS0	2	62	5310	Full	0.07	0.07			-3.20	11.00		-0.42			Pass
EHT80	MCS0	2	58	5290	Full	0.12	0.12			-5.34	11.00		-0.42			Pass
EHT80	MCS0	2	58	5290	Puncture 20/1	0.09	0.09			-5.37	11.00		-0.42			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
EHT20	MCS0	2	100	5500	Full	19.19	19.21	29.28	32.96	23.83		29.83		23.98		----	----
EHT20	MCS0	2	116	5580	Full	19.29	19.22	29.84	28.64	23.84		29.84		23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.02	18.97	21.36	21.04	23.78		29.78		23.98		----	----
EHT40	MCS0	2	102	5510	Full	37.90	37.92	41.60	41.44	23.98		30.00		23.98		----	----
EHT40	MCS0	2	110	5550	Full	39.09	38.85	70.08	72.16	23.98		30.00		23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.03	37.95	41.60	41.28	23.98		30.00		23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.18	77.26	83.84	82.56	23.98		30.00		23.98		----	----
EHT80	MCS0	2	122	5610	Full	78.01	77.81	156.16	136.96	23.98		30.00		23.98		----	----
EHT160	MCS0	2	114	5570	Full	157.36	157.10	166.60	165.83	23.98		30.00		23.98		----	----

U-NII-2C straddle channel MIMO																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4
EHT20	MCS0	2	144	5720	Full	14.68	14.59	21.64	18.20	22.64		28.64		23.60		4.5	4.55
EHT40	MCS0	2	142	5710	Full	34.52	34.25	52.60	47.64	23.98		30.00		23.98		3.99	3.9
EHT80	MCS0	2	138	5690	Full	73.91	73.82	102.20	95.80	23.98		30.00		23.98		3.4	3.4
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	100	5500	Full	18.45	18.78	21.63	23.98		0.40		30	Pass
EHT20	MCS0	2	100	5500	26/0	10.25	10.48	13.38	23.98		0.40		30	Pass
EHT20	MCS0	2	100	5500	52/37	12.85	13.08	15.98	23.98		0.40		30	Pass
EHT20	MCS0	2	100	5500	106/53	15.95	16.28	19.13	23.98		0.40		30	Pass
EHT20	MCS0	2	100	5500	52T+26T/70	14.75	14.98	17.88	23.98		0.40		30	Pass
EHT20	MCS0	2	100	5500	106T+26T/82	17.35	17.48	20.43	23.98		0.40		30	Pass
EHT20	MCS0	2	116	5580	Full	18.45	18.88	21.68	23.98		0.40		30	Pass
EHT20	MCS0	2	116	5580	26/4	11.25	11.88	14.59	23.98		0.40		30	Pass
EHT20	MCS0	2	116	5580	52/39	12.85	13.28	16.08	23.98		0.40		30	Pass
EHT20	MCS0	2	116	5580	106/54	16.15	16.78	19.49	23.98		0.40		30	Pass
EHT20	MCS0	2	116	5580	52T+26T/71	15.25	15.58	18.43	23.98		0.40		30	Pass
EHT20	MCS0	2	116	5580	106T+26T/83	17.55	17.78	20.68	23.98		0.40		30	Pass
EHT20	MCS0	2	140	5700	Full	13.45	13.48	16.48	23.98		0.40		30	Pass
EHT20	MCS0	2	140	5700	26/8	4.45	5.78	8.18	23.98		0.40		30	Pass
EHT20	MCS0	2	140	5700	52/40	7.85	8.78	11.35	23.98		0.40		30	Pass
EHT20	MCS0	2	140	5700	106/54	11.15	11.68	14.43	23.98		0.40		30	Pass
EHT20	MCS0	2	140	5700	52T+26T/72	9.65	10.08	12.88	23.98		0.40		30	Pass
EHT20	MCS0	2	140	5700	106T+26T/83	12.25	12.48	15.38	23.98		0.40		30	Pass
EHT40	MCS0	2	102	5510	Full	14.15	14.48	17.33	23.98		0.40		30	Pass
EHT40	MCS0	2	110	5550	Full	19.25	19.48	22.38	23.98		0.40		30	Pass
EHT40	MCS0	2	134	5670	Full	14.65	15.38	18.04	23.98		0.40		30	Pass
EHT80	MCS0	2	106	5530	Full	9.85	10.48	13.19	23.98		0.40		30	Pass
EHT80	MCS0	2	106	5530	Puncture 20/8	8.95	9.78	12.40	23.98		0.40		30	Pass
EHT80	MCS0	2	122	5610	Full	19.25	19.78	22.53	23.98		0.40		30	Pass
EHT80	MCS0	2	122	5610	Puncture 20/4	17.65	18.08	20.88	23.98		0.40		30	Pass
EHT80	MCS0	2	122	5610	Puncture 20/2	17.85	18.08	20.98	23.98		0.40		30	Pass
EHT160	MCS0	2	114	5570	Full	7.55	9.38	11.57	23.98		0.40		30	Pass
EHT160	MCS0	2	114	5570	Puncture40/3	7.75	8.38	11.09	23.98		0.40		30	Pass
EHT160	MCS0	2	114	5570	Puncture20/1	7.45	8.78	11.18	23.98		0.40		30	Pass

FCC U-NII-2C straddle channel MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	144	5720	Full	18.95	19.48	22.23	23.60		0.40		30	Pass
EHT20	MCS0	2	144	5720	26/8	10.75	10.68	13.73	23.60		0.40		30	Pass
EHT20	MCS0	2	144	5720	52/40	13.85	13.98	16.93	23.60		0.40		30	Pass
EHT20	MCS0	2	144	5720	106/54	16.35	16.88	19.63	23.60		0.40		30	Pass
EHT20	MCS0	2	144	5720	52T+26T/72	15.25	15.68	18.48	23.98		0.40		30	Pass
EHT20	MCS0	2	144	5720	106T+26T/83	17.85	18.08	20.98	23.98		0.40		30	Pass
EHT40	MCS0	2	142	5710	Full	19.25	19.88	22.59	23.98		0.40		30	Pass
EHT80	MCS0	2	138	5690	Full	19.25	19.88	22.59	23.98		0.40		30	Pass
EHT80	MCS0	2	138	5690	Puncture 20/1	18.35	18.78	21.58	23.98		0.40		30	Pass

TEST RESULTS DATA
Power Spectral Density

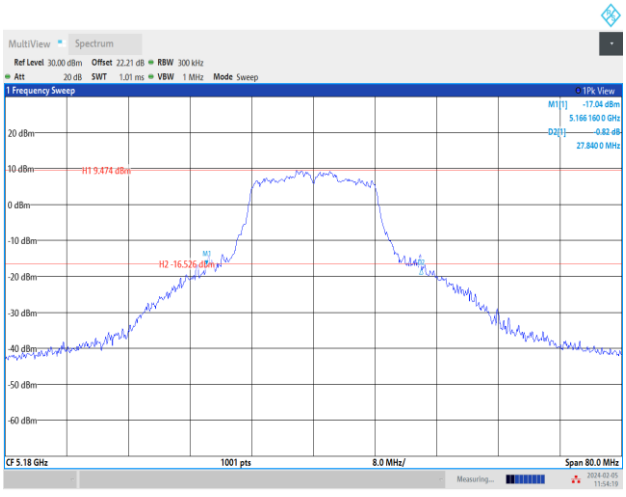
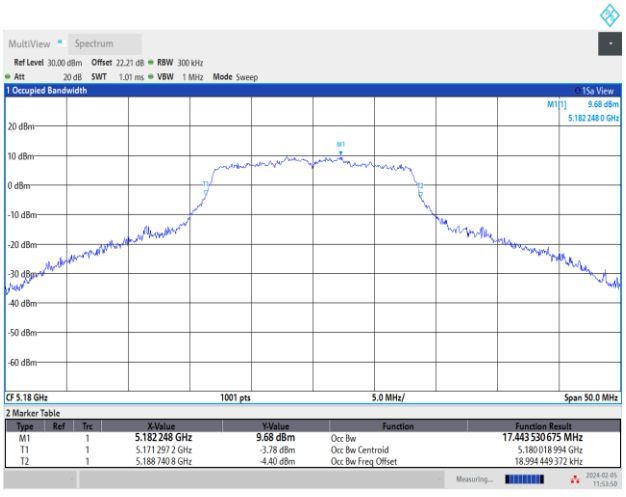
U-NII-2C MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	100	5500	Full	0.00	0.00			10.82	11.00		1.37			Pass
EHT20	MCS0	2	100	5500	26/0	0.08	0.08			10.62	11.00		1.37			Pass
EHT20	MCS0	2	100	5500	52/37	0.12	0.09			10.46	11.00		1.37			Pass
EHT20	MCS0	2	100	5500	106/53	0.13	0.13			10.53	11.00		1.37			Pass
EHT20	MCS0	2	100	5500	52T+26T/70	0.00	0.05			10.48	11.00		1.37			Pass
EHT20	MCS0	2	100	5500	106T+26T/82	0.09	0.09			10.72	11.00		1.37			Pass
EHT20	MCS0	2	116	5580	Full	0.00	0.00			10.83	11.00		1.37			Pass
EHT20	MCS0	2	116	5580	26/4	0.08	0.08			10.57	11.00		1.37			Pass
EHT20	MCS0	2	116	5580	52/39	0.12	0.09			10.42	11.00		1.37			Pass
EHT20	MCS0	2	116	5580	106/54	0.13	0.13			10.62	11.00		1.37			Pass
EHT20	MCS0	2	116	5580	52T+26T/71	0.00	0.05			10.61	11.00		1.37			Pass
EHT20	MCS0	2	116	5580	106T+26T/83	0.09	0.09			10.74	11.00		1.37			Pass
EHT20	MCS0	2	140	5700	Full	0.00	0.00			5.19	11.00		1.37			Pass
EHT20	MCS0	2	140	5700	26/8	0.08	0.08			4.91	11.00		1.37			Pass
EHT20	MCS0	2	140	5700	52/40	0.12	0.09	-		5.11	11.00		1.37		-	Pass
EHT20	MCS0	2	140	5700	106/54	0.13	0.13			5.10	11.00		1.37			Pass
EHT20	MCS0	2	140	5700	52T+26T/72	0.00	0.05			5.00	11.00		1.37			Pass
EHT20	MCS0	2	140	5700	106T+26T/83	0.09	0.09			5.06	11.00		1.37			Pass
EHT40	MCS0	2	102	5510	Full	0.07	0.07			3.74	11.00		1.37			Pass
EHT40	MCS0	2	110	5550	Full	0.07	0.07			8.78	11.00		1.37			Pass
EHT40	MCS0	2	134	5670	Full	0.07	0.07			4.05	11.00		1.37			Pass
EHT80	MCS0	2	106	5530	Full	0.12	0.12			-3.94	11.00		1.37			Pass
EHT80	MCS0	2	106	5530	Puncture 20/8	0.09	0.09			-4.00	11.00		1.37			Pass
EHT80	MCS0	2	122	5610	Full	0.12	0.12			5.41	11.00		1.37			Pass
EHT80	MCS0	2	122	5610	Puncture 20/4	0.09	0.09			5.22	11.00		1.37			Pass
EHT80	MCS0	2	122	5610	Puncture 20/2	0.09	0.09			5.19	11.00		1.37			Pass
EHT160	MCS0	2	114	5570	Full	0.21	0.21			-8.26	11.00		1.37			Pass
EHT160	MCS0	2	114	5570	Puncture40/3	0.16	0.16			-8.40	11.00		1.37			Pass
EHT160	MCS0	2	114	5570	Puncture20/1	0.18	0.20			-9.27	11.00		1.37			Pass

U-NII-2C straddle channel MIMO																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	144	5720	Full	0.00	0.00			10.79	11.00		1.37			Pass
EHT20	MCS0	2	144	5720	26/8	0.08	0.08			10.35	11.00		1.37			Pass
EHT20	MCS0	2	144	5720	52/40	0.12	0.09			10.55	11.00		1.37			Pass
EHT20	MCS0	2	144	5720	106/54	0.13	0.13			10.38	11.00		1.37			Pass
EHT20	MCS0	2	144	5720	52T+26T/72	0.00	0.05	-		10.40	11.00		1.37		-	Pass
EHT20	MCS0	2	144	5720	106T+26T/83	0.09	0.09			10.67	11.00		1.37			Pass
EHT40	MCS0	2	142	5710	Full	0.07	0.07			8.46	11.00		1.37			Pass
EHT80	MCS0	2	138	5690	Full	0.12	0.12			5.42	11.00		1.37			Pass
EHT80	MCS0	2	138	5690	Puncture 20/1	0.09	0.09			5.17	11.00		1.37			Pass

Test Result of 26dB & 99% Occupied Bandwidth

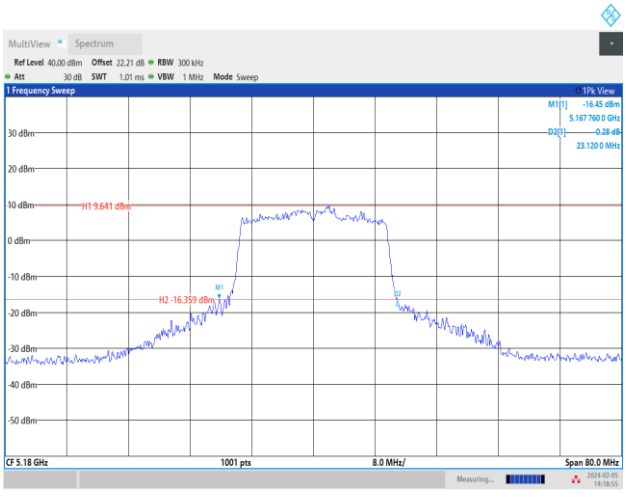
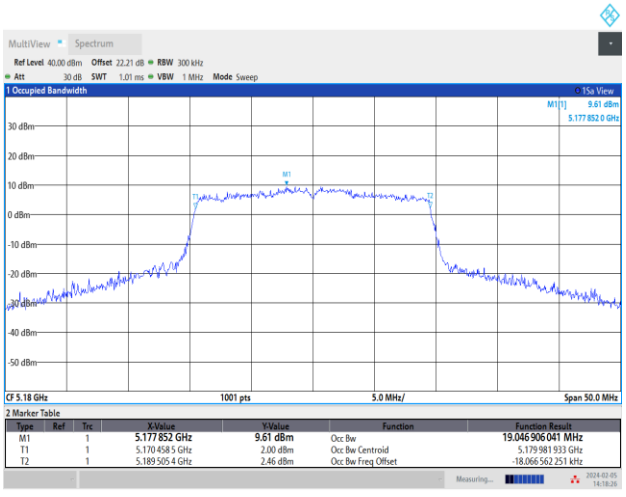
MIMO <Ant. 3+4>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

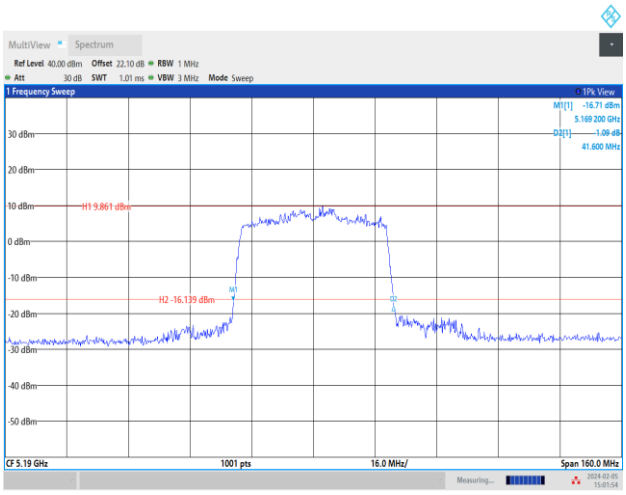
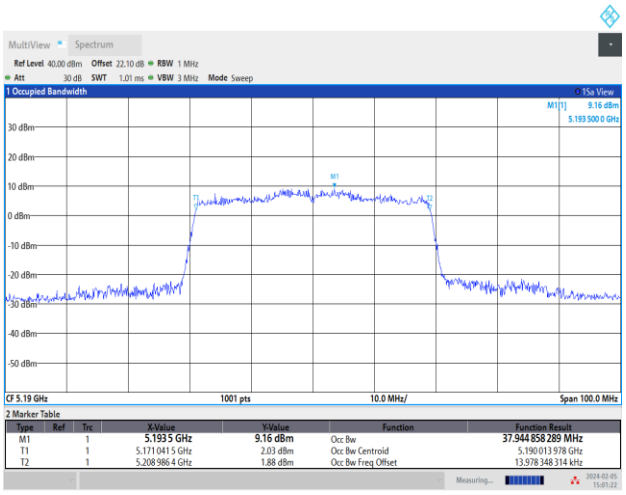
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

26dB Bandwidth	99% Occupied Bandwidth
	

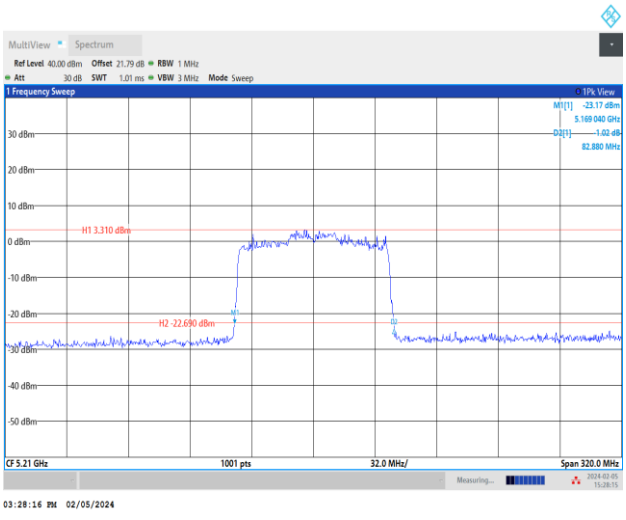
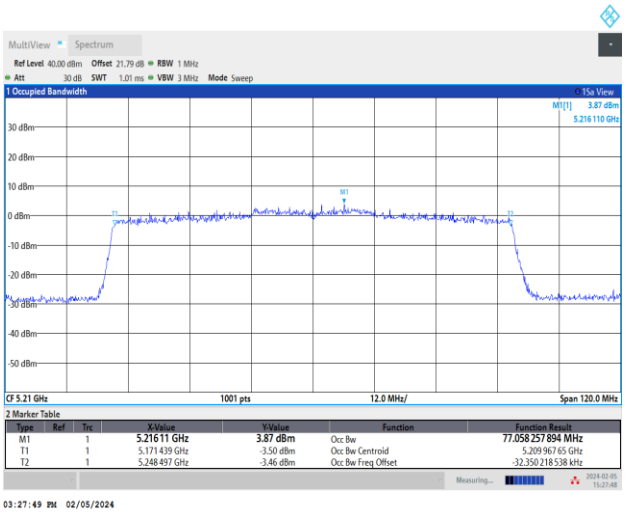
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

26dB Bandwidth	99% Occupied Bandwidth
	

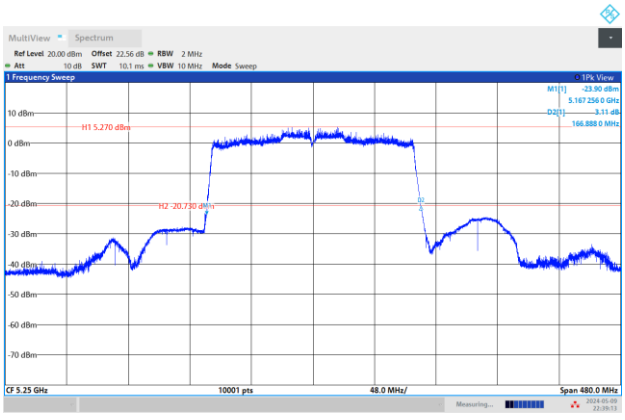
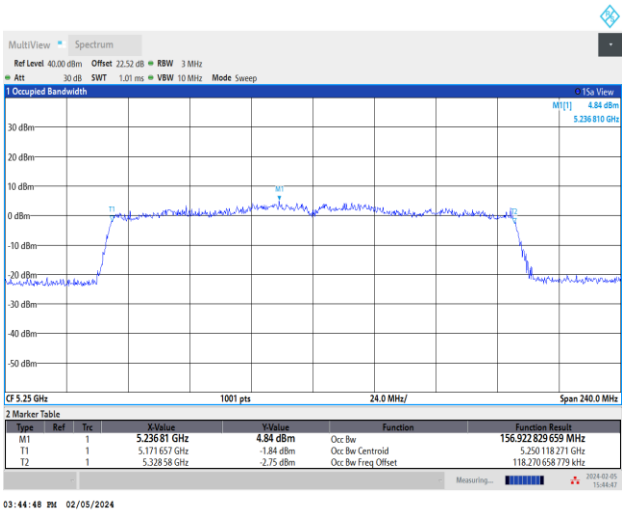
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

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

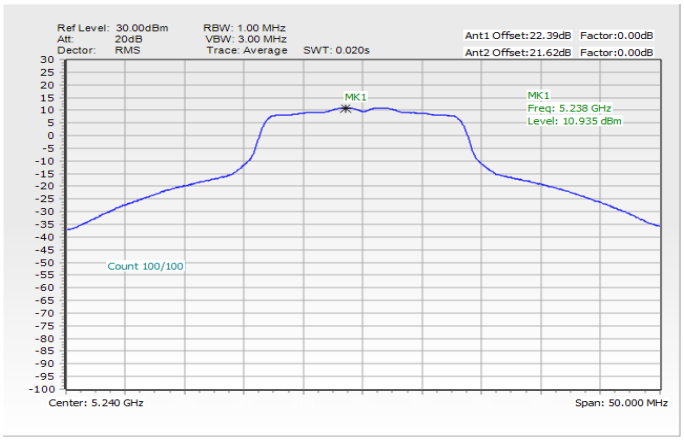
<802.11be EHT160>

26dB Bandwidth	99% Occupied Bandwidth
	

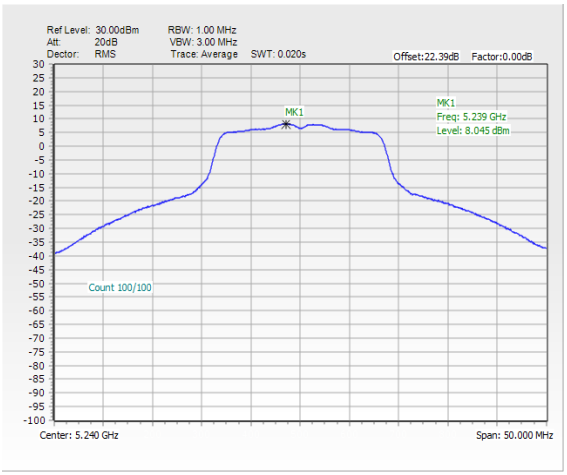
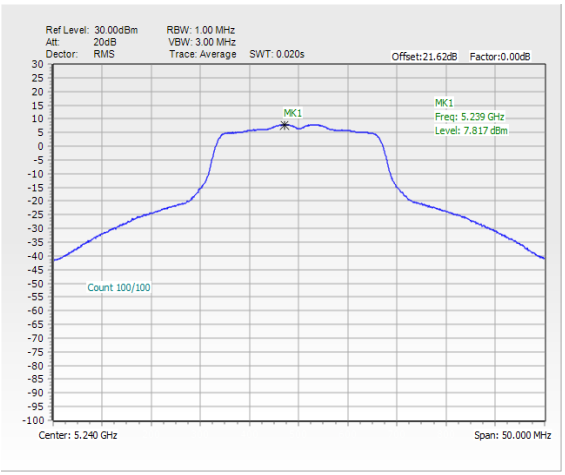
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

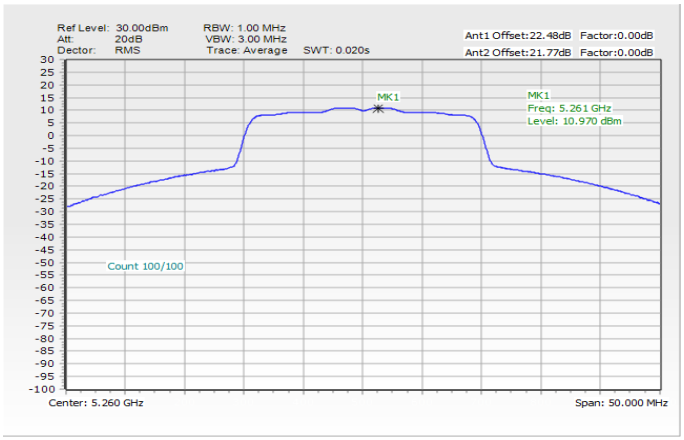
<802.11a>

Maximum Power Density Plot (dBm/MHz)


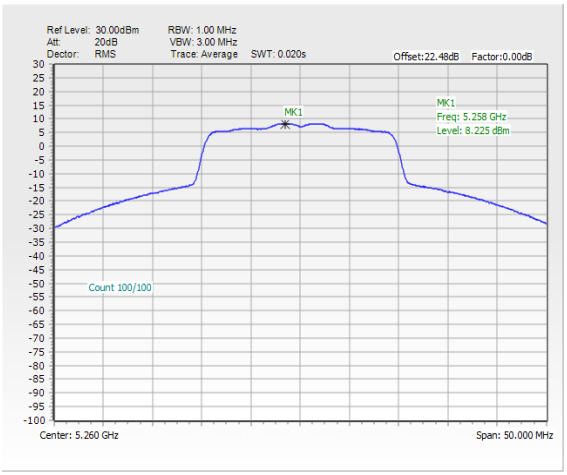
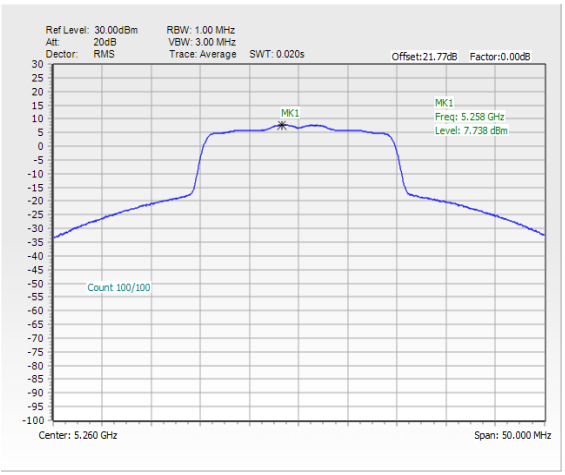
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

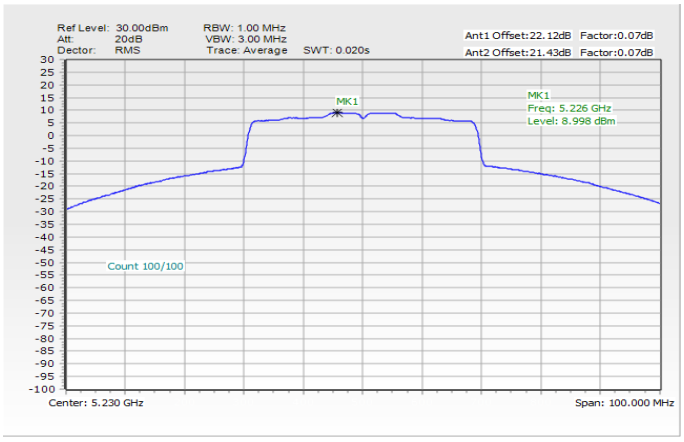
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)


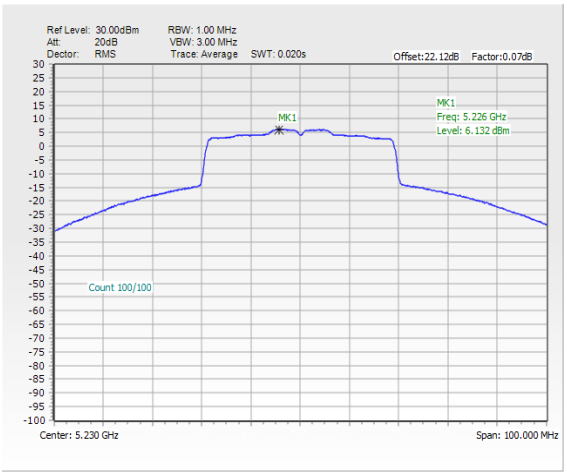
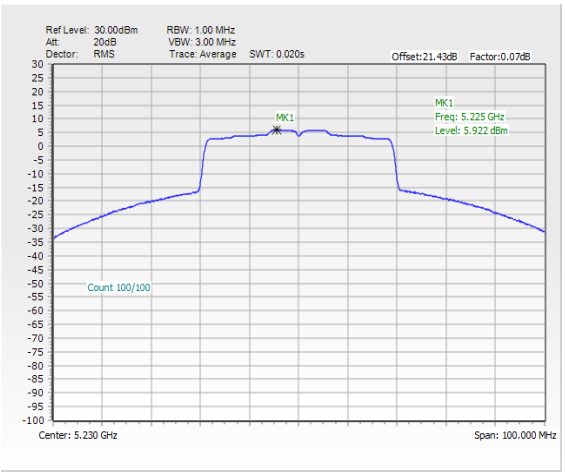
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

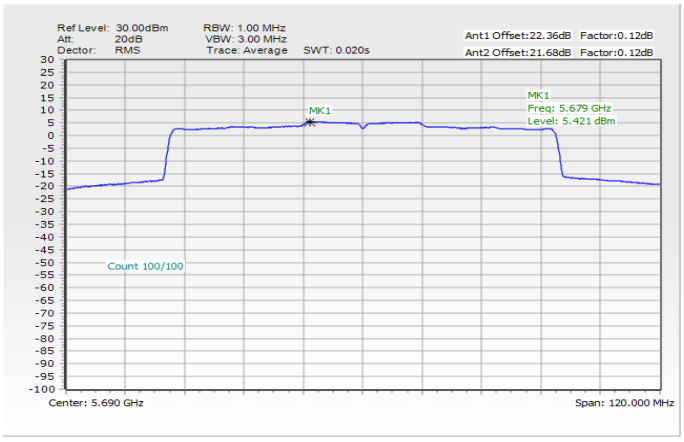
<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)


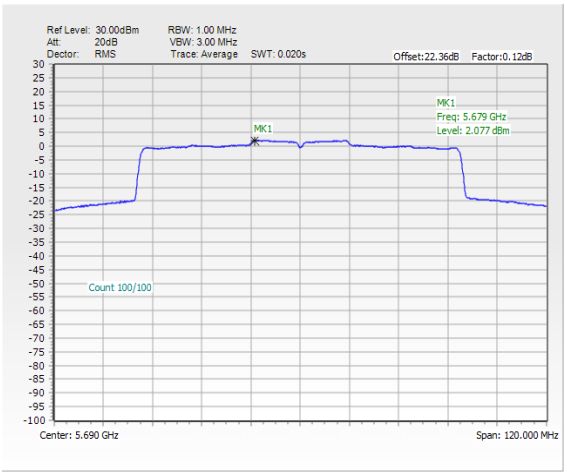
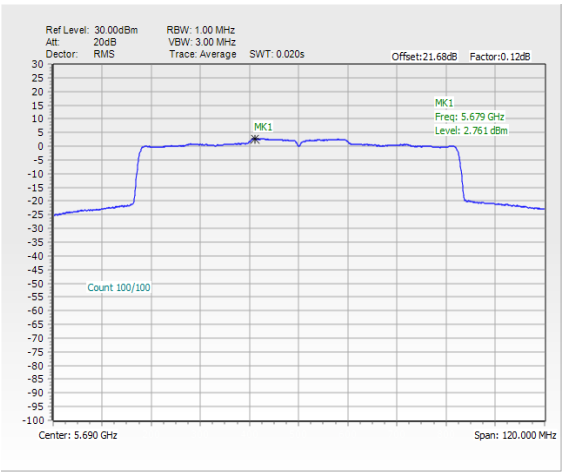
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

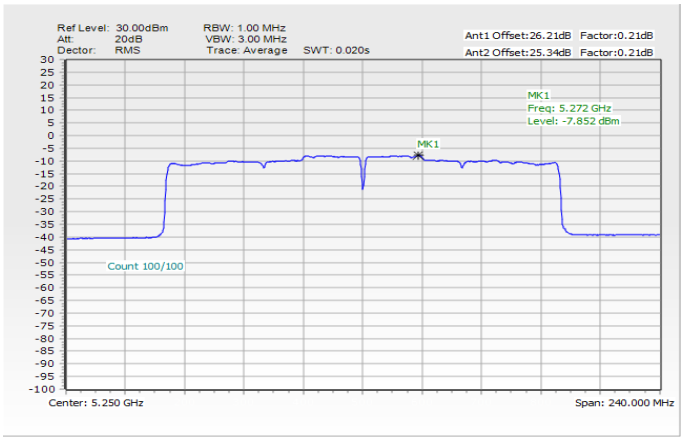
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)


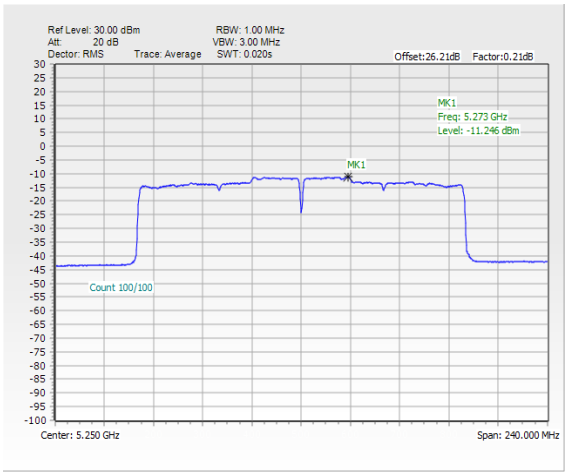
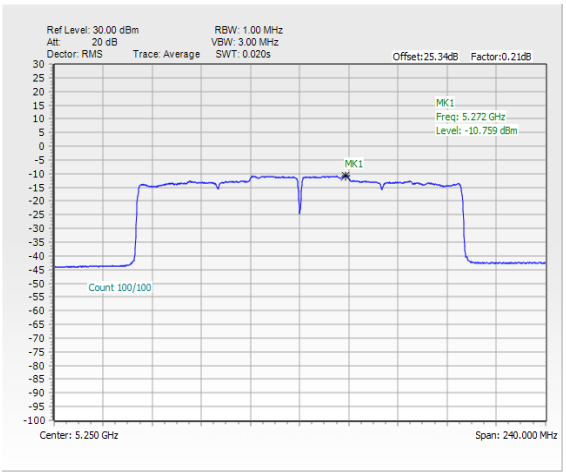
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

<802.11be EHT160>

Maximum Power Density Plot (dBm/MHz)


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

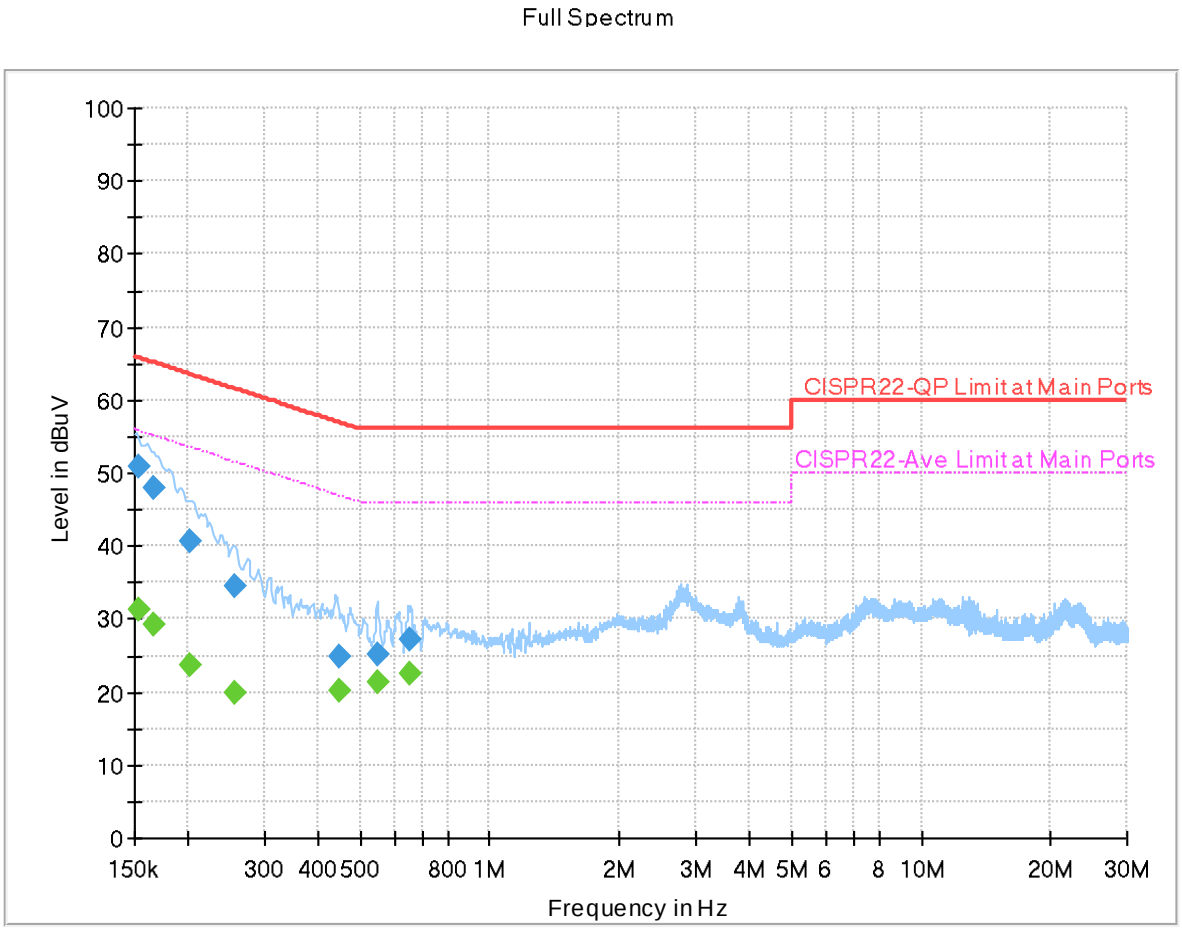
Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	19.2~23.3℃
		Relative Humidity :	49.5~53.6%

EUT Information

Report NO :	3N2325
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

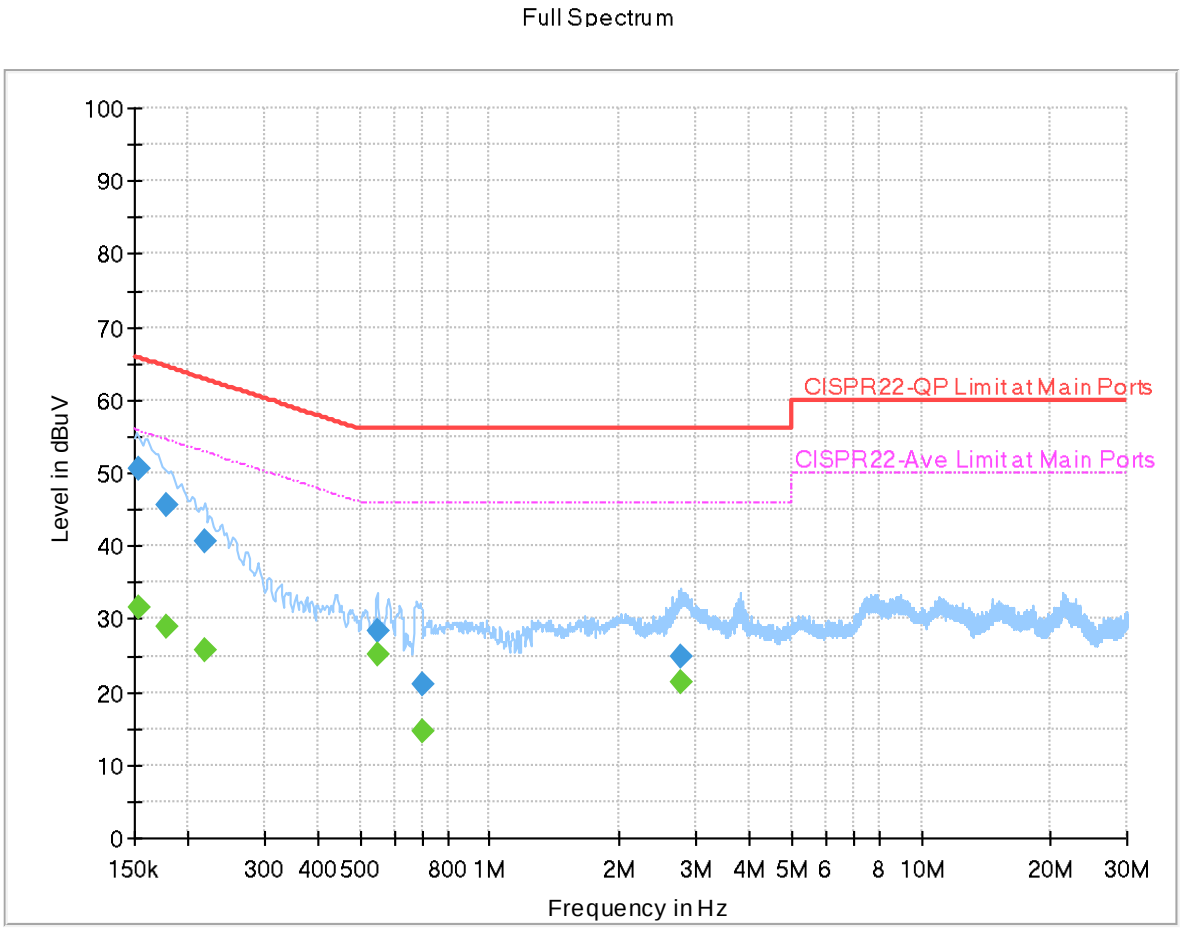


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.153713	---	31.38	55.80	24.42	L1	OFF	19.9
0.153713	50.79	---	65.80	15.01	L1	OFF	19.9
0.165750	---	29.26	55.17	25.91	L1	OFF	19.9
0.165750	47.81	---	65.17	17.36	L1	OFF	19.9
0.201750	---	23.69	53.54	29.85	L1	OFF	19.9
0.201750	40.54	---	63.54	23.00	L1	OFF	19.9
0.256560	---	19.97	51.54	31.57	L1	OFF	19.9
0.256560	34.41	---	61.54	27.13	L1	OFF	19.9
0.447000	---	20.24	46.93	26.69	L1	OFF	19.9
0.447000	24.77	---	56.93	32.16	L1	OFF	19.9
0.547530	---	21.49	46.00	24.51	L1	OFF	19.9
0.547530	25.21	---	56.00	30.79	L1	OFF	19.9
0.652380	---	22.54	46.00	23.46	L1	OFF	19.9
0.652380	27.28	---	56.00	28.72	L1	OFF	19.9

EUT Information

Report NO :	3N2325
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)
0.152903	---	31.53	55.84	24.31	N	OFF	19.9
0.152903	50.70	---	65.84	15.14	N	OFF	19.9
0.177090	---	28.98	54.62	25.64	N	OFF	19.9
0.177090	45.65	---	64.62	18.97	N	OFF	19.9
0.218040	---	25.59	52.89	27.30	N	OFF	19.9
0.218040	40.65	---	62.89	22.24	N	OFF	19.9
0.549150	---	25.06	46.00	20.94	N	OFF	19.9
0.549150	28.24	---	56.00	27.76	N	OFF	19.9
0.696750	---	14.55	46.00	31.45	N	OFF	19.9
0.696750	21.02	---	56.00	34.98	N	OFF	19.9
2.783670	---	21.41	46.00	24.59	N	OFF	20.0
2.783670	24.80	---	56.00	31.20	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Jack Tsai, Bill Chang, Gary Guo, and Steven Wu	Temperature :	18.2~20.2°C
		Relative Humidity :	54.2~56.1%

MIMO <Ant. 3+4>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5145.34	60.93	-13.07	74	45.98	33	11.34	29.39	100	4	P	H
		5150	51.67	-2.33	54	36.71	33	11.35	29.39	100	4	A	H
	*	5180	105.07	-	-	90.08	33	11.38	29.39	100	4	P	H
	*	5180	99.19	-	-	84.2	33	11.38	29.39	100	4	A	H
													H
		5147.94	57.92	-16.08	74	42.96	33	11.35	29.39	336	132	P	V
		5150	49.65	-4.35	54	34.69	33	11.35	29.39	336	132	A	V
	*	5180	100.79	-	-	85.8	33	11.38	29.39	336	132	P	V
	*	5180	95.02	-	-	80.03	33	11.38	29.39	336	132	A	V
													V
802.11a CH 44 5220MHz		5021.32	56.11	-17.89	74	41.11	33.2	11.21	29.41	119	15	P	H
		5149.76	45.82	-8.18	54	30.86	33	11.35	29.39	119	15	A	H
	*	5220	106.59	-	-	91.6	32.96	11.41	29.38	119	15	P	H
	*	5220	101.18	-	-	86.19	32.96	11.41	29.38	119	15	A	H
		5435.08	53.98	-20.02	74	38.85	32.9	11.59	29.36	119	15	P	H
		5459.72	44.44	-9.56	54	29.26	32.9	11.63	29.35	119	15	A	H
													H
		5147.16	55.98	-18.02	74	41.03	33	11.34	29.39	310	133	P	V
		5149.5	45.46	-8.54	54	30.5	33	11.35	29.39	310	133	A	V
	*	5220	104.71	-	-	89.72	32.96	11.41	29.38	310	133	P	V
	*	5220	97.58	-	-	82.59	32.96	11.41	29.38	310	133	A	V
		5438.16	53.87	-20.13	74	38.73	32.9	11.6	29.36	310	133	P	V
		5459.16	44.44	-9.56	54	29.26	32.9	11.63	29.35	310	133	A	V

		5117.26	55.73	-18.27	74	40.82	33	11.31	29.4	100	353	P	H
		5144.82	45.64	-8.36	54	30.69	33	11.34	29.39	100	353	A	H
	*	5240	109.34	-	-	94.37	32.92	11.43	29.38	100	353	P	H
	*	5240	102.88	-	-	87.91	32.92	11.43	29.38	100	353	A	H
		5429.76	55.16	-18.84	74	40.03	32.9	11.59	29.36	100	353	P	H
		5350	44.59	-9.41	54	29.55	32.9	11.51	29.37	100	353	A	H
													H
802.11a													H
CH 48		5034.84	54.7	-19.3	74	39.68	33.2	11.23	29.41	399	89	P	V
5240MHz		5082.68	45.26	-8.74	54	30.31	33.07	11.28	29.4	399	89	A	V
	*	5240	106.12	-	-	91.15	32.92	11.43	29.38	399	89	P	V
	*	5240	99.55	-	-	84.58	32.92	11.43	29.38	399	89	A	V
		5439.84	54.45	-19.55	74	39.31	32.9	11.6	29.36	399	89	P	V
		5460	44.47	-9.53	54	29.29	32.9	11.63	29.35	399	89	A	V
													V
													V

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

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.39	-21.81	68.2	57.66	38.7	16.56	66.53	-	-	P	H
		15540	46.14	-27.86	74	54.58	37.54	20.36	66.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	46.08	-22.12	68.2	57.35	38.7	16.56	66.53	-	-	P	V
		15540	46.43	-27.57	74	54.87	37.54	20.36	66.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	47.25	-20.95	68.2	58.39	38.7	16.63	66.47	-	-	P	H
		15660	46.83	-27.17	74	55.54	37.26	20.42	66.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 44 5220MHz													H
		10440	46.55	-21.65	68.2	57.69	38.7	16.63	66.47	-	-	P	V
		15660	47.44	-26.56	74	56.15	37.26	20.42	66.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10480	46.29	-21.91	68.2	57.37	38.7	16.66	66.44	-	-	P	H
		15720	47.34	-26.66	74	55.8	37.5	20.46	66.42	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 48 5240MHz													H
		10480	46.2	-22	68.2	57.28	38.7	16.66	66.44	-	-	P	V
		15720	46.91	-27.09	74	55.37	37.5	20.46	66.42	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11be (EHT20) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 36 5180MHz		5148.2	59.33	-14.67	74	44.37	33	11.35	29.39	-	-	P	H
		5150	52.24	-1.76	54	37.28	33	11.35	29.39	100	15	A	H
	*	5180	104.6	-	-	89.61	33	11.38	29.39	100	15	P	H
	*	5180	97.32	-	-	82.33	33	11.38	29.39	100	15	A	H
													H
													H
		5147.94	59.29	-14.71	74	44.33	33	11.35	29.39	335	126	P	V
		5150	50.25	-3.75	54	35.29	33	11.35	29.39	335	126	A	V
	*	5180	100.48	-	-	85.49	33	11.38	29.39	335	126	P	V
	*	5180	93.73	-	-	78.74	33	11.38	29.39	335	126	A	V
													V
													V
802.11be (EHT20) Full CH 44 5220MHz		5148.72	57.28	-16.72	74	42.32	33	11.35	29.39	100	16	P	H
		5150	47.06	-6.94	54	32.1	33	11.35	29.39	100	16	A	H
	*	5220	110.07	-	-	95.08	32.96	11.41	29.38	100	16	P	H
	*	5220	101.11	-	-	86.12	32.96	11.41	29.38	100	16	A	H
		5451.88	53.95	-20.05	74	38.79	32.9	11.62	29.36	100	16	P	H
		5458.88	44.7	-9.3	54	29.52	32.9	11.63	29.35	100	16	A	H
													H
													H
		5099.58	56.22	-17.78	74	41.33	33	11.29	29.4	400	92	P	V
		5149.5	45.51	-8.49	54	30.55	33	11.35	29.39	400	92	A	V
	*	5220	104.54	-	-	89.55	32.96	11.41	29.38	400	92	P	V
	*	5220	98.19	-	-	83.2	32.96	11.41	29.38	400	92	A	V
		5375.72	54.03	-19.97	74	38.97	32.9	11.52	29.36	400	92	P	V
		5459.72	44.67	-9.33	54	29.49	32.9	11.63	29.35	400	92	A	V
													V
													V

802.11be (EHT20) Full CH 48 5240MHz		5048.88	56.74	-17.26	74	41.7	33.2	11.24	29.4	100	15	P	H
		5148.98	46.26	-7.74	54	31.3	33	11.35	29.39	100	15	A	H
	*	5240	107.69	-	-	92.72	32.92	11.43	29.38	100	15	P	H
	*	5240	102.03	-	-	87.06	32.92	11.43	29.38	100	15	A	H
		5449.36	54.25	-19.75	74	39.09	32.9	11.62	29.36	100	15	P	H
		5352.2	44.93	-9.07	54	29.89	32.9	11.51	29.37	100	15	A	H
													H
													H
		5024.18	54.92	-19.08	74	39.91	33.2	11.22	29.41	400	91	P	V
		5047.06	45.51	-8.49	54	30.47	33.2	11.24	29.4	400	91	A	V
	*	5240	105.48	-	-	90.51	32.92	11.43	29.38	400	91	P	V
	*	5240	98.41	-	-	83.44	32.92	11.43	29.38	400	91	A	V
		5363.4	56.43	-17.57	74	41.39	32.9	11.51	29.37	400	91	P	V
		5457.2	44.71	-9.29	54	29.54	32.9	11.63	29.36	400	91	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT20) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 36 5180MHz		10360	46.4	-21.8	68.2	57.67	38.7	16.56	66.53	-	-	P	H
		15540	46.4	-27.6	74	54.84	37.54	20.36	66.34	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10360	46.66	-21.54	68.2	57.93	38.7	16.56	66.53	-	-	P	V
		15540	47.08	-26.92	74	55.52	37.54	20.36	66.34	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10440	46.75	-21.45	68.2	57.89	38.7	16.63	66.47	-	-	P	H
		15660	46.84	-27.16	74	55.55	37.26	20.42	66.39	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be (EHT20) Full CH 44 5220MHz													H
		10440	46.85	-21.35	68.2	57.99	38.7	16.63	66.47	-	-	P	V
		15660	46.13	-27.87	74	54.84	37.26	20.42	66.39	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 48 5240MHz		10480	46.52	-21.68	68.2	57.6	38.7	16.66	66.44	-	-	P	H
		15720	47.37	-26.63	74	55.83	37.5	20.46	66.42	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10480	45.99	-22.21	68.2	57.07	38.7	16.66	66.44	-	-	P	V
		15720	46.67	-27.33	74	55.13	37.5	20.46	66.42	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT20) Partial 26 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 26/0 CH 36 5180MHz		5146.38	55.69	-18.31	74	40.74	33	11.34	29.39	100	279	P	H
		5074.1	45.9	-8.1	54	30.93	33.1	11.27	29.4	100	279	A	H
	*	5180	103.61	-	-	88.62	33	11.38	29.39	100	279	P	H
	*	5180	97.79	-	-	82.8	33	11.38	29.39	100	279	A	H
													H
													H
		5055.64	56.67	-17.33	74	41.64	33.18	11.25	29.4	317	126	P	V
		5050.7	45.79	-8.21	54	30.75	33.2	11.24	29.4	317	126	A	V
	*	5180	101.84	-	-	86.85	33	11.38	29.39	317	126	P	V
	*	5180	94.37	-	-	79.38	33	11.38	29.39	317	126	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT20) Partial 52 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 52/37 CH 36 5180MHz		5128.96	56.41	-17.59	74	41.47	33	11.33	29.39	104	8	P	H
		5148.46	45.91	-8.09	54	30.95	33	11.35	29.39	104	8	A	H
	*	5180	107.06	-	-	92.07	33	11.38	29.39	104	8	P	H
	*	5180	98.88	-	-	83.89	33	11.38	29.39	104	8	A	H
													H
													H
		5064.74	55.43	-18.57	74	40.43	33.14	11.26	29.4	295	129	P	V
		5063.18	45.84	-8.16	54	30.83	33.15	11.26	29.4	295	129	A	V
	*	5180	101.93	-	-	86.94	33	11.38	29.39	295	129	P	V
	*	5180	95.68	-	-	80.69	33	11.38	29.39	295	129	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT20) Partial 106 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 106/53 CH 36 5180MHz		5138.32	55.53	-18.47	74	40.58	33	11.34	29.39	100	284	P	H
		5149.76	46.94	-7.06	54	31.98	33	11.35	29.39	100	284	A	H
	*	5180	103.27	-	-	88.28	33	11.38	29.39	100	284	P	H
	*	5180	96.83	-	-	81.84	33	11.38	29.39	100	284	A	H
													H
													H
		5052	55.88	-18.12	74	40.85	33.19	11.24	29.4	296	125	P	V
		5150	46.47	-7.53	54	31.51	33	11.35	29.39	296	125	A	V
	*	5180	102.75	-	-	87.76	33	11.38	29.39	296	125	P	V
	*	5180	95.71	-	-	80.72	33	11.38	29.39	296	125	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT40) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 38 5190MHz		5150	61.87	-12.13	74	46.91	33	11.35	29.39	100	15	P	H
		5150	51.72	-2.28	54	36.76	33	11.35	29.39	100	15	A	H
	*	5190	96.55	-	-	81.55	33	11.39	29.39	100	15	P	H
	*	5190	89.4	-	-	74.4	33	11.39	29.39	100	15	A	H
		5398.4	54.07	-19.93	74	38.99	32.9	11.54	29.36	100	15	P	H
		5456.36	44.56	-9.44	54	29.39	32.9	11.63	29.36	100	15	A	H
													H
		5148.2	60	-14	74	45.04	33	11.35	29.39	333	130	P	V
		5150	51.17	-2.83	54	36.21	33	11.35	29.39	333	130	A	V
	*	5190	95.22	-	-	80.22	33	11.39	29.39	333	130	P	V
	*	5190	88.12	-	-	73.12	33	11.39	29.39	333	130	A	V
		5361.72	54.11	-19.89	74	39.07	32.9	11.51	29.37	333	130	P	V
		5459.72	44.55	-9.45	54	29.37	32.9	11.63	29.35	333	130	A	V
													V
802.11be (EHT40) Full CH 46 5230MHz		5148.2	60.86	-13.14	74	45.9	33	11.35	29.39	100	353	P	H
		5149.76	51.53	-2.47	54	36.57	33	11.35	29.39	100	353	A	H
	*	5230	105.5	-	-	90.52	32.94	11.42	29.38	100	353	P	H
	*	5230	97.25	-	-	82.27	32.94	11.42	29.38	100	353	A	H
		5360.88	55.1	-18.9	74	40.06	32.9	11.51	29.37	100	353	P	H
		5350.24	45.82	-8.18	54	30.78	32.9	11.51	29.37	100	353	A	H
													H
		5150	59.49	-14.51	74	44.53	33	11.35	29.39	335	130	P	V
		5150	50.41	-3.59	54	35.45	33	11.35	29.39	335	130	A	V
	*	5230	100.6	-	-	85.62	32.94	11.42	29.38	335	130	P	V
	*	5230	93.63	-	-	78.65	32.94	11.42	29.38	335	130	A	V
		5350.8	54.96	-19.04	74	39.92	32.9	11.51	29.37	335	130	P	V
		5350	45.13	-8.87	54	30.09	32.9	11.51	29.37	335	130	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT40) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 38 5190MHz		10380	46.9	-21.3	68.2	58.14	38.7	16.58	66.52	-	-	P	H
		15570	46.73	-27.27	74	55.25	37.46	20.37	66.35	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10380	46.51	-21.69	68.2	57.75	38.7	16.58	66.52	-	-	P	V
		15570	45.99	-28.01	74	54.51	37.46	20.37	66.35	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 46 5230MHz		10460	46.36	-21.84	68.2	57.46	38.7	16.65	66.45	-	-	P	H
		15690	47.66	-26.34	74	56.19	37.44	20.44	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10460	46.41	-21.79	68.2	57.51	38.7	16.65	66.45	-	-	P	V
		15690	47.79	-26.21	74	56.32	37.44	20.44	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11be (EHT80) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 42 5210MHz		5148.98	60.71	-13.29	74	45.75	33	11.35	29.39	100	357	P	H
		5148.72	51.87	-2.13	54	36.91	33	11.35	29.39	100	357	A	H
	*	5210	91.42	-	-	76.41	32.98	11.41	29.38	100	357	P	H
	*	5210	84.78	-	-	69.77	32.98	11.41	29.38	100	357	A	H
		5451.32	54.16	-19.84	74	39	32.9	11.62	29.36	100	357	P	H
		5460	45.73	-8.27	54	30.55	32.9	11.63	29.35	100	357	A	H
													H
													H
		5140.92	59	-15	74	44.05	33	11.34	29.39	320	134	P	V
		5149.5	51.45	-2.55	54	36.49	33	11.35	29.39	320	134	A	V
	*	5210	89.74	-	-	74.73	32.98	11.41	29.38	320	134	P	V
	*	5210	82.8	-	-	67.79	32.98	11.41	29.38	320	134	A	V
		5438.16	53.63	-20.37	74	38.49	32.9	11.6	29.36	320	134	P	V
		5457.2	45.55	-8.45	54	30.38	32.9	11.63	29.36	320	134	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT80) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 42 5210MHz		10420	46.95	-21.25	68.2	58.12	38.7	16.61	66.48	-	-	P	H
		15630	46.75	-27.25	74	55.44	37.28	20.41	66.38	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10420	47.12	-21.08	68.2	58.29	38.7	16.61	66.48	-	-	P	V
		15630	46.59	-27.41	74	55.28	37.28	20.41	66.38	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11be (EHT160) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT160) Full CH 50 5250MHz		5134.16	59.54	-14.46	74	44.6	33	11.33	29.39	100	353	P	H
		5146.64	50.91	-3.09	54	35.96	33	11.34	29.39	100	353	A	H
	*	5250	89.45	-	-	74.5	32.9	11.43	29.38	100	353	P	H
	*	5250	81.43	-	-	66.48	32.9	11.43	29.38	100	353	A	H
		5364.52	57.77	-16.23	74	42.72	32.9	11.52	29.37	100	353	P	H
		5384.12	49.6	-4.4	54	34.53	32.9	11.53	29.36	100	353	A	H
		5138.58	56.78	-17.22	74	41.83	33	11.34	29.39	373	82	P	V
		5144.56	48.42	-5.58	54	33.47	33	11.34	29.39	373	82	A	V
	*	5250	86.11	-	-	71.16	32.9	11.43	29.38	373	82	P	V
	*	5250	79.27	-	-	64.32	32.9	11.43	29.38	373	82	A	V
		5370.68	54.38	-19.62	74	39.33	32.9	11.52	29.37	373	82	P	V
		5381.04	46.55	-7.45	54	31.48	32.9	11.53	29.36	373	82	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11be (EHT160) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT160) Full CH 50 5250MHz		10500	47.14	-21.06	68.2	58.18	38.7	16.68	66.42	-	-	P	H
		15750	47.72	-26.28	74	56.18	37.5	20.47	66.43	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10500	47.18	-21.02	68.2	58.22	38.7	16.68	66.42	-	-	P	V
		15750	46.94	-27.06	74	55.4	37.5	20.47	66.43	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5046.24	56.24	-17.76	74	41.2	33.2	11.24	29.4	100	15	P	H
		5147.22	46.02	-7.98	54	31.07	33	11.34	29.39	100	15	A	H
	*	5260	110	-	-	95.02	32.92	11.44	29.38	100	15	P	H
	*	5260	103.3	-	-	88.32	32.92	11.44	29.38	100	15	A	H
		5451.6	56.22	-17.78	74	41.06	32.9	11.62	29.36	100	15	P	H
		5351.28	45.31	-8.69	54	30.27	32.9	11.51	29.37	100	15	A	H
													H
		5030.94	56.23	-17.77	74	41.22	33.2	11.22	29.41	341	127	P	V
		5140.08	45.65	-8.35	54	30.7	33	11.34	29.39	341	127	A	V
	*	5260	106.99	-	-	92.01	32.92	11.44	29.38	341	127	P	V
	*	5260	100.35	-	-	85.37	32.92	11.44	29.38	341	127	A	V
		5355.12	55.17	-18.83	74	40.13	32.9	11.51	29.37	341	127	P	V
		5376.48	44.75	-9.25	54	29.69	32.9	11.52	29.36	341	127	A	V
													V
802.11a CH 60 5300MHz		5073.1	56.41	-17.59	74	41.43	33.11	11.27	29.4	101	56	P	H
		5049.64	45.5	-8.5	54	30.46	33.2	11.24	29.4	101	56	A	H
	*	5300	106.86	-	-	91.76	33	11.47	29.37	101	56	P	H
	*	5300	100.02	-	-	84.92	33	11.47	29.37	101	56	A	H
		5355.12	63.61	-10.39	74	48.57	32.9	11.51	29.37	101	56	P	H
		5350.08	51.66	-2.34	54	36.62	32.9	11.51	29.37	101	56	A	H
													H
		5037.74	56.51	-17.49	74	41.49	33.2	11.23	29.41	332	136	P	V
		5055.76	45.47	-8.53	54	30.44	33.18	11.25	29.4	332	136	A	V
	*	5300	105.35	-	-	90.25	33	11.47	29.37	332	136	P	V
	*	5300	99.35	-	-	84.25	33	11.47	29.37	332	136	A	V
		5351.76	60.15	-13.85	74	45.11	32.9	11.51	29.37	332	136	P	V
		5350.08	49.1	-4.9	54	34.06	32.9	11.51	29.37	332	136	A	V
													V

802.11a CH 64 5320MHz	*	5320	103.04	-	-	87.97	32.96	11.48	29.37	102	55	P	H
	*	5320	96.95	-	-	81.88	32.96	11.48	29.37	102	55	A	H
		5353.44	62.79	-11.21	74	47.75	32.9	11.51	29.37	102	55	P	H
		5350.08	52.08	-1.92	54	37.04	32.9	11.51	29.37	102	55	A	H
													H
													H
	*	5320	101.47	-	-	86.4	32.96	11.48	29.37	345	128	P	V
	*	5320	94.34	-	-	79.27	32.96	11.48	29.37	345	128	A	V
		5354.08	60.06	-13.94	74	45.02	32.9	11.51	29.37	345	128	P	V
		5350.08	49.99	-4.01	54	34.95	32.9	11.51	29.37	345	128	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.73	-20.47	68.2	58.68	38.74	16.7	66.39	-	-	P	H
		15780	47.52	-26.48	74	56.22	37.26	20.49	66.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10520	47.55	-20.65	68.2	58.5	38.74	16.7	66.39	-	-	P	V
		15780	47.05	-26.95	74	55.75	37.26	20.49	66.45	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	47.14	-26.86	74	57.63	39	16.77	66.26	-	-	P	H
		15900	47.23	-26.77	74	55.98	37.2	20.55	66.5	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 60 5300MHz													H
		10600	47.74	-26.26	74	58.23	39	16.77	66.26	-	-	P	V
		15900	46.57	-27.43	74	55.32	37.2	20.55	66.5	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10640	47.76	-26.24	74	58	39.16	16.8	66.2	-	-	P	H
		15960	47.12	-26.88	74	55.65	37.42	20.58	66.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 64 5320MHz													H
		10640	47.13	-26.87	74	57.37	39.16	16.8	66.2	-	-	P	V
		15960	47.35	-26.65	74	55.88	37.42	20.58	66.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

IFI 802.11be (EHT20) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 52 5260MHz		5069.36	56.07	-17.93	74	41.09	33.12	11.26	29.4	100	56	P	H
		5148.24	45.76	-8.24	54	30.8	33	11.35	29.39	100	56	A	H
	*	5260	106.78	-	-	91.8	32.92	11.44	29.38	100	56	P	H
	*	5260	100.67	-	-	85.69	32.92	11.44	29.38	100	56	A	H
		5352.96	59.51	-14.49	74	44.47	32.9	11.51	29.37	100	56	P	H
		5350.08	46.02	-7.98	54	30.98	32.9	11.51	29.37	100	56	A	H
													H
		5128.52	56.15	-17.85	74	41.22	33	11.32	29.39	399	190	P	V
		5060.52	45.45	-8.55	54	30.44	33.16	11.25	29.4	399	190	A	V
	*	5260	102.5	-	-	87.52	32.92	11.44	29.38	399	190	P	V
	*	5260	95.25	-	-	80.27	32.92	11.44	29.38	399	190	A	V
		5358.72	55.1	-18.9	74	40.06	32.9	11.51	29.37	399	190	P	V
		5350.8	44.92	-9.08	54	29.88	32.9	11.51	29.37	399	190	A	V
													V
802.11be (EHT20) Full CH 60 5300MHz		5143.82	56.34	-17.66	74	41.39	33	11.34	29.39	100	57	P	H
		5061.2	45.46	-8.54	54	30.45	33.16	11.25	29.4	100	57	A	H
	*	5300	105.67	-	-	90.57	33	11.47	29.37	100	57	P	H
	*	5300	98.01	-	-	82.91	33	11.47	29.37	100	57	A	H
		5357.04	62.56	-11.44	74	47.52	32.9	11.51	29.37	100	57	P	H
		5350.08	51.73	-2.27	54	36.69	32.9	11.51	29.37	100	57	A	H
		5072.08	55.69	-18.31	74	40.71	33.11	11.27	29.4	383	100	P	V
		5051.68	45.46	-8.54	54	30.43	33.19	11.24	29.4	383	100	A	V
	*	5300	104.09	-	-	88.99	33	11.47	29.37	383	100	P	V
	*	5300	96.3	-	-	81.2	33	11.47	29.37	383	100	A	V
		5351.76	60.94	-13.06	74	45.9	32.9	11.51	29.37	383	100	P	V
		5350.08	49.61	-4.39	54	34.57	32.9	11.51	29.37	383	100	A	V
													V

802.11be (EHT20) Full CH 64 5320MHz	*	5320	101.63	-	-	86.56	32.96	11.48	29.37	100	56	P	H
	*	5320	93.78	-	-	78.71	32.96	11.48	29.37	100	56	A	H
		5350.4	63.57	-10.43	74	48.53	32.9	11.51	29.37	100	56	P	H
		5350.08	51.8	-2.2	54	36.76	32.9	11.51	29.37	100	56	A	H
													H
													H
	*	5320	97.19	-	-	82.12	32.96	11.48	29.37	400	186	P	V
	*	5320	89.81	-	-	74.74	32.96	11.48	29.37	400	186	A	V
		5351.04	58.78	-15.22	74	43.74	32.9	11.51	29.37	400	186	P	V
		5350.08	48.46	-5.54	54	33.42	32.9	11.51	29.37	400	186	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT20) Full (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	46.71	-21.49	68.2	57.66	38.74	16.7	66.39	-	-	P	H
		15780	47.91	-26.09	74	56.61	37.26	20.49	66.45	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be (EHT20) Full CH 52 5260MHz													H
													H
		10520	48.09	-20.11	68.2	59.04	38.74	16.7	66.39	-	-	P	V
		15780	47.82	-26.18	74	56.52	37.26	20.49	66.45	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10600	47.07	-26.93	74	57.56	39	16.77	66.26	-	-	P	H
		15900	46.62	-27.38	74	55.37	37.2	20.55	66.5	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be (EHT20) Full CH 60 5300MHz													H
		10600	47.05	-26.95	74	57.54	39	16.77	66.26	-	-	P	V
		15900	47.31	-26.69	74	56.06	37.2	20.55	66.5	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 64 5320MHz		10640	47.6	-26.4	74	57.84	39.16	16.8	66.2	-	-	P	H
		15960	47.23	-26.77	74	55.76	37.42	20.58	66.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10640	47.62	-26.38	74	57.86	39.16	16.8	66.2	-	-	P	V
		15960	47.14	-26.86	74	55.67	37.42	20.58	66.53	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11be (EHT20) Partial 26 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 26/8 CH 64 5320MHz	*	5320	100.42	-	-	85.35	32.96	11.48	29.37	100	9	P	H
	*	5320	94.28	-	-	79.21	32.96	11.48	29.37	100	9	A	H
		5394.08	54.79	-19.21	74	39.71	32.9	11.54	29.36	100	9	P	H
		5448.16	45.03	-8.97	54	29.88	32.9	11.61	29.36	100	9	P	H
													H
													H
	*	5320	98.02	-	-	82.95	32.96	11.48	29.37	380	91	P	V
	*	5320	91.06	-	-	75.99	32.96	11.48	29.37	380	91	A	V
		5459.36	54.67	-19.33	74	39.49	32.9	11.63	29.35	380	91	P	V
		5459.04	44.97	-9.03	54	29.79	32.9	11.63	29.35	380	91	A	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT20) Partial 52 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 52/40 CH 64 5320MHz	*	5320	101.75	-	-	86.68	32.96	11.48	29.37	100	10	P	H
	*	5320	94.56	-	-	79.49	32.96	11.48	29.37	100	10	A	H
		5363.2	54.54	-19.46	74	39.5	32.9	11.51	29.37	100	10	P	H
		5457.92	45.04	-8.96	54	29.87	32.9	11.63	29.36	100	10	A	H
													H
													H
	*	5320	98.86	-	-	83.79	32.96	11.48	29.37	381	91	P	V
	*	5320	92.6	-	-	77.53	32.96	11.48	29.37	381	91	A	V
		5427.36	54.25	-19.75	74	39.13	32.9	11.58	29.36	381	91	P	V
		5458.4	45.14	-8.86	54	29.96	32.9	11.63	29.35	381	91	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT20) Partial 106 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 106/54 CH 64 5320MHz	*	5320	102.86	-	-	87.79	32.96	11.48	29.37	100	8	P	H
	*	5320	95.04	-	-	79.97	32.96	11.48	29.37	100	8	A	H
		5369.6	54.43	-19.57	74	39.38	32.9	11.52	29.37	100	8	P	H
		5350.4	45.75	-8.25	54	30.71	32.9	11.51	29.37	100	8	A	H
													H
													H
	*	5320	102.38	-	-	87.31	32.96	11.48	29.37	381	91	P	V
	*	5320	92.34	-	-	77.27	32.96	11.48	29.37	381	91	A	V
		5352.16	55.03	-18.97	74	39.99	32.9	11.51	29.37	381	91	P	V
		5449.12	45.13	-8.87	54	29.97	32.9	11.62	29.36	381	91	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT40) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 54 5270MHz		5077.18	56.12	-17.88	74	41.16	33.09	11.27	29.4	100	57	P	H
		5149.94	46.47	-7.53	54	31.51	33	11.35	29.39	100	57	A	H
	*	5270	101.86	-	-	86.85	32.94	11.45	29.38	100	57	P	H
	*	5270	94.26	-	-	79.25	32.94	11.45	29.38	100	57	A	H
		5351.28	62.97	-11.03	74	47.93	32.9	11.51	29.37	100	57	P	H
		5350.08	51.66	-2.34	54	36.62	32.9	11.51	29.37	100	57	A	H
		5072.08	55.92	-18.08	74	40.94	33.11	11.27	29.4	311	129	P	V
		5149.94	46.08	-7.92	54	31.12	33	11.35	29.39	311	129	A	V
	*	5270	99.46	-	-	84.45	32.94	11.45	29.38	311	129	P	V
	*	5270	91.9	-	-	76.89	32.94	11.45	29.38	311	129	A	V
		5354.4	59.88	-14.12	74	44.84	32.9	11.51	29.37	311	129	P	V
		5350.08	49.42	-4.58	54	34.38	32.9	11.51	29.37	311	129	A	V
802.11be (EHT40) Full CH 62 5310MHz		5080.58	56.73	-17.27	74	41.78	33.08	11.27	29.4	101	12	P	H
		5052.7	45.53	-8.47	54	30.49	33.19	11.25	29.4	101	12	A	H
	*	5310	95.86	-	-	80.77	32.98	11.48	29.37	101	12	P	H
	*	5310	87.63	-	-	72.54	32.98	11.48	29.37	101	12	A	H
		5350.08	61.51	-12.49	74	46.47	32.9	11.51	29.37	101	12	P	H
		5350.8	52.09	-1.91	54	37.05	32.9	11.51	29.37	101	12	A	H
		5042.16	56.68	-17.32	74	41.65	33.2	11.23	29.4	346	132	P	V
		5048.62	45.48	-8.52	54	30.44	33.2	11.24	29.4	346	132	A	V
	*	5310	91.08	-	-	75.99	32.98	11.48	29.37	346	132	P	V
	*	5310	83.88	-	-	68.79	32.98	11.48	29.37	346	132	A	V
		5352.24	59.42	-14.58	74	44.38	32.9	11.51	29.37	346	132	P	V
		5350.56	49.85	-4.15	54	34.81	32.9	11.51	29.37	346	132	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT40) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 54 5270MHz		10540	47.33	-20.87	68.2	58.2	38.78	16.71	66.36	-	-	P	H
		15810	46.67	-27.33	74	55.55	37.08	20.5	66.46	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10540	46.98	-21.22	68.2	57.85	38.78	16.71	66.36	-	-	P	V
		15810	46.82	-27.18	74	55.7	37.08	20.5	66.46	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10620	47.83	-26.17	74	58.2	39.08	16.78	66.23	-	-	P	H
		15930	46.56	-27.44	74	55.2	37.32	20.56	66.52	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be (EHT40) Full CH 62 5310MHz													H
		10620	47.29	-26.71	74	57.66	39.08	16.78	66.23	-	-	P	V
		15930	46.56	-27.44	74	55.2	37.32	20.56	66.52	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT80) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 58 5290MHz		5056.1	55.23	-18.77	74	40.2	33.18	11.25	29.4	100	342	P	H
		5043.52	46.75	-7.25	54	31.71	33.2	11.24	29.4	100	342	A	H
	*	5290	92.79	-	-	77.73	32.98	11.46	29.38	100	342	P	H
	*	5290	83.41	-	-	68.35	32.98	11.46	29.38	100	342	A	H
		5447.52	54.63	-19.37	74	39.48	32.9	11.61	29.36	100	342	P	H
		5375.04	45.68	-8.32	54	30.62	32.9	11.52	29.36	100	342	A	H
		5092.82	55.37	-18.63	74	40.45	33.03	11.29	29.4	316	124	P	V
		5065.62	46.63	-7.37	54	31.63	33.14	11.26	29.4	316	124	A	V
	*	5290	88.68	-	-	73.62	32.98	11.46	29.38	316	124	P	V
	*	5290	80.58	-	-	65.52	32.98	11.46	29.38	316	124	A	V
		5439.84	54.45	-19.55	74	39.31	32.9	11.6	29.36	316	124	P	V
		5459.04	45.82	-8.18	54	30.64	32.9	11.63	29.35	316	124	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11be (EHT80) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 58 5290MHz		10580	46.61	-21.59	68.2	57.24	38.92	16.75	66.3	-	-	P	H
		15870	47.04	-26.96	74	55.91	37.08	20.54	66.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10580	46.91	-21.29	68.2	57.54	38.92	16.75	66.3	-	-	P	V
		15870	47.88	-26.12	74	56.75	37.08	20.54	66.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5456.72	58.74	-15.26	74	43.57	32.9	11.63	29.36	100	346	P	H
		5466	66.04	-2.16	68.2	50.85	32.9	11.64	29.35	100	346	P	H
		5460	49.02	-4.98	54	33.84	32.9	11.63	29.35	100	346	A	H
	*	5500	108.34	-	-	93.1	32.9	11.69	29.35	100	346	P	H
	*	5500	103.92	-	-	88.68	32.9	11.69	29.35	100	346	A	H
													H
		5452.88	57.02	-16.98	74	41.86	32.9	11.62	29.36	392	114	P	V
		5467.76	62.74	-5.46	68.2	47.54	32.9	11.65	29.35	392	114	P	V
		5458.64	47.31	-6.69	54	32.13	32.9	11.63	29.35	392	114	A	V
	*	5500	103.35	-	-	88.11	32.9	11.69	29.35	392	114	P	V
	*	5500	96.16	-	-	80.92	32.9	11.69	29.35	392	114	A	V
													V
802.11a CH 116 5580MHz		5395.12	54.13	-19.87	74	39.05	32.9	11.54	29.36	100	346	P	H
		5467.6	53.69	-14.51	68.2	38.5	32.9	11.64	29.35	100	346	P	H
		5459.92	44.78	-9.22	54	29.6	32.9	11.63	29.35	100	346	A	H
	*	5580	110.06	-	-	94.71	32.9	11.82	29.37	100	346	P	H
	*	5580	103.78	-	-	88.43	32.9	11.82	29.37	100	346	A	H
		5741.06	56.31	-11.89	68.2	40.1	33.65	11.96	29.4	100	346	P	H
		5455.84	55.36	-18.64	74	40.19	32.9	11.63	29.36	316	115	P	V
		5467.36	53.7	-14.5	68.2	38.51	32.9	11.64	29.35	316	115	P	V
		5459.68	44.56	-9.44	54	29.38	32.9	11.63	29.35	316	115	A	V
	*	5580	108.32	-	-	92.97	32.9	11.82	29.37	316	115	P	V
	*	5580	101.79	-	-	86.44	32.9	11.82	29.37	316	115	A	V
		5728.46	55.25	-12.95	68.2	39.13	33.57	11.95	29.4	316	115	P	V

802.11a CH 140 5700MHz	*	5700	106.18	-	-	90.24	33.4	11.93	29.39	103	321	P	H
	*	5700	99.96	-	-	84.02	33.4	11.93	29.39	103	321	A	H
		5725.56	63.43	-4.77	68.2	47.33	33.55	11.95	29.4	103	321	P	H
													H
													H
													H
	*	5700	104.81	-	-	88.87	33.4	11.93	29.39	372	123	P	V
	*	5700	97.56	-	-	81.62	33.4	11.93	29.39	372	123	A	V
		5725.4	61.54	-6.66	68.2	45.44	33.55	11.95	29.4	372	123	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	46.67	-27.33	74	56.41	38.8	17.1	65.64	-	-	P	H
		16500	47.93	-20.27	68.2	55.33	38.3	21.22	66.92	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 100 5500MHz													H
		11000	47.4	-26.6	74	57.14	38.8	17.1	65.64	-	-	P	V
		16500	47.97	-20.23	68.2	55.37	38.3	21.22	66.92	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	47.75	-26.25	74	57.21	39	17.22	65.68	-	-	P	H
		16740	48.82	-19.38	68.2	55.49	38.22	21.52	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a CH 116 5580MHz													H
		11160	47.83	-26.17	74	57.29	39	17.22	65.68	-	-	P	V
		16740	49.31	-18.89	68.2	55.98	38.22	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11400	47.97	-26.03	74	57.2	39.1	17.41	65.74	-	-	P	H
		17100	49.05	-19.15	68.2	54.81	38.1	21.89	65.75	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 140		11400	48.08	-25.92	74	57.31	39.1	17.41	65.74	-	-	P	V
5700MHz		17100	49.88	-18.32	68.2	55.64	38.1	21.89	65.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11be (EHT20) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 100 5500MHz		5458.64	62.09	-11.91	74	46.91	32.9	11.63	29.35	100	336	P	H
		5469.36	65.88	-2.32	68.2	50.68	32.9	11.65	29.35	100	336	P	H
		5459.44	50.31	-3.69	54	35.13	32.9	11.63	29.35	100	336	A	H
	*	5500	107.88	-	-	92.64	32.9	11.69	29.35	100	336	P	H
	*	5500	101.91	-	-	86.67	32.9	11.69	29.35	100	336	A	H
		5460.08	58.86	-9.34	68.2	43.68	32.9	11.63	29.35	348	121	P	V
		5469.52	63.67	-4.53	68.2	48.47	32.9	11.65	29.35	348	121	P	V
		5460	49.08	-4.92	54	33.9	32.9	11.63	29.35	348	121	A	V
	*	5500	104.1	-	-	88.86	32.9	11.69	29.35	348	121	P	V
	*	5500	97.8	-	-	82.56	32.9	11.69	29.35	348	121	A	V
													V
													V
802.11be (EHT20) Full CH 116 5580MHz		5401.12	55.72	-18.28	74	40.64	32.9	11.54	29.36	104	15	P	H
		5463.04	55.5	-12.7	68.2	40.31	32.9	11.64	29.35	104	15	P	H
		5459.44	45.04	-8.96	54	29.86	32.9	11.63	29.35	104	15	A	H
	*	5580	110.42	-	-	95.07	32.9	11.82	29.37	104	15	P	H
	*	5580	103.13	-	-	87.78	32.9	11.82	29.37	104	15	A	H
		5754.605	58.06	-10.14	68.2	41.77	33.72	11.97	29.4	104	15	P	H
		5435.44	55.26	-18.74	74	40.13	32.9	11.59	29.36	371	120	P	V
		5469.52	54.1	-14.1	68.2	38.9	32.9	11.65	29.35	371	120	P	V
		5458.96	44.79	-9.21	54	29.61	32.9	11.63	29.35	371	120	A	V
	*	5580	108.29	-	-	92.94	32.9	11.82	29.37	371	120	P	V
	*	5580	101.72	-	-	86.37	32.9	11.82	29.37	371	120	A	V
		5765	56.87	-11.33	68.2	40.53	33.76	11.98	29.4	371	120	P	V

802.11be (EHT20) Full CH 140 5700MHz	*	5700	102.8	-	-	86.86	33.4	11.93	29.39	100	61	P	H
	*	5700	96.89	-	-	80.95	33.4	11.93	29.39	100	61	A	H
		5726.12	66.11	-2.09	68.2	50	33.56	11.95	29.4	100	61	P	H
													H
													H
													H
	*	5700	100.5	-	-	84.56	33.4	11.93	29.39	368	116	P	V
	*	5700	93.42	-	-	77.48	33.4	11.93	29.39	368	116	A	V
		5726.76	61.97	-6.23	68.2	45.86	33.56	11.95	29.4	368	116	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT20) (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 100 5500MHz		11000	47.7	-26.3	74	57.44	38.8	17.1	65.64	-	-	P	H
		16500	48.63	-19.57	68.2	56.03	38.3	21.22	66.92	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11000	47.86	-26.14	74	57.6	38.8	17.1	65.64	-	-	P	V
		16500	48.9	-19.3	68.2	56.3	38.3	21.22	66.92	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11160	47.88	-26.12	74	57.34	39	17.22	65.68	-	-	P	H
		16740	48.66	-19.54	68.2	55.33	38.22	21.52	66.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be (EHT20) Full CH 116 5580MHz													H
		11160	47.51	-26.49	74	56.97	39	17.22	65.68	-	-	P	V
		16740	48.96	-19.24	68.2	55.63	38.22	21.52	66.41	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 140 5700MHz		11400	47.85	-26.15	74	57.08	39.1	17.41	65.74	-	-		H
		17100	48.95	-19.25	68.2	54.71	38.1	21.89	65.75	-	-		H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11400	47.38	-26.62	74	56.61	39.1	17.41	65.74	-	-		V
		17100	48.55	-19.65	68.2	54.31	38.1	21.89	65.75	-	-		V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11be (EHT20) Partial 26 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Partial 26/0 CH 100 5260MHz		5437.84	55.32	-18.68	74	40.18	32.9	11.6	29.36	100	341	P	H
		5469.52	55.44	-12.76	68.2	40.24	32.9	11.65	29.35	100	341	P	H
		5456.56	45.44	-8.56	54	30.27	32.9	11.63	29.36	100	341	A	H
	*	5500	106.98	-	-	91.74	32.9	11.69	29.35	100	341	P	H
	*	5500	101.93	-	-	86.69	32.9	11.69	29.35	100	341	A	H
													H
		5432.56	54.95	-19.05	74	39.82	32.9	11.59	29.36	400	90	P	V
		5460.4	54.68	-13.52	68.2	39.5	32.9	11.63	29.35	400	90	P	V
		5459.44	45.21	-8.79	54	30.03	32.9	11.63	29.35	400	90	A	V
	*	5500	105.88	-	-	90.64	32.9	11.69	29.35	400	90	P	V
	*	5500	99.94	-	-	84.7	32.9	11.69	29.35	400	90	A	V
													V
802.11be (EHT20) Partial 26/8 CH 140 5700MHz	*	5700	107.74	-	-	91.8	33.4	11.93	29.39	106	343	P	H
	*	5700	98.06	-	-	82.12	33.4	11.93	29.39	106	343	A	H
		5758.92	56.04	-12.16	68.2	39.72	33.74	11.98	29.4	106	343	P	H
													H
													H
													H
	*	5700	105.11	-	-	89.17	33.4	11.93	29.39	334	123	P	V
	*	5700	96.47	-	-	80.53	33.4	11.93	29.39	334	123	A	V
		5762.36	55.66	-12.54	68.2	39.33	33.75	11.98	29.4	334	123	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT20) Partial 52 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
		5452.08	54.89	-19.11	74	39.73	32.9	11.62	29.36	100	339	P	H
		5470	54.73	-13.47	68.2	39.53	32.9	11.65	29.35	100	339	P	H
		5458.8	45.3	-8.7	54	30.12	32.9	11.63	29.35	100	339	A	H
802.11be	*	5500	109.87	-	-	94.63	32.9	11.69	29.35	100	339	P	H
(EHT20)	*	5500	101.76	-	-	86.52	32.9	11.69	29.35	100	339	A	H
Partial													H
52/37		5443.44	54.05	-19.95	74	38.9	32.9	11.61	29.36	400	90	P	V
CH 100		5463.28	53.8	-14.4	68.2	38.61	32.9	11.64	29.35	400	90	P	V
5500MHz		5455.28	45.18	-8.82	54	30.01	32.9	11.63	29.36	400	90	A	V
	*	5500	108.32	-	-	93.08	32.9	11.69	29.35	400	90	P	V
	*	5500	99.3	-	-	84.06	32.9	11.69	29.35	400	90	A	V
													V
	*	5700	106.4	-	-	90.46	33.4	11.93	29.39	100	323	P	H
	*	5700	98.07	-	-	82.13	33.4	11.93	29.39	100	323	A	H
		5756.84	56.99	-11.21	68.2	40.68	33.73	11.98	29.4	100	323	P	H
802.11be													H
(EHT20)													H
Partial													H
52/40	*	5700	105.4	-	-	89.46	33.4	11.93	29.39	391	124	P	V
CH 140	*	5700	96.66	-	-	80.72	33.4	11.93	29.39	391	124	A	V
5700MHz		5754.2	56.14	-12.06	68.2	39.85	33.72	11.97	29.4	391	124	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT20) Partial 106 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5454.64	55.39	-18.61	74	40.23	32.9	11.62	29.36	100	337	P	H
		5470	57.5	-10.7	68.2	42.3	32.9	11.65	29.35	100	337	P	H
		5459.6	45.87	-8.13	54	30.69	32.9	11.63	29.35	100	337	A	H
802.11be	*	5500	107.55	-	-	92.31	32.9	11.69	29.35	100	337	P	H
(EHT20)	*	5500	101.82	-	-	86.58	32.9	11.69	29.35	100	337	A	H
Partial													H
106/53		5438.64	54.83	-19.17	74	39.69	32.9	11.6	29.36	400	100	P	V
CH 100		5466.32	55.06	-13.14	68.2	39.87	32.9	11.64	29.35	400	100	P	V
5500MHz		5459.76	45.39	-8.61	54	30.21	32.9	11.63	29.35	400	100	A	V
	*	5500	107.88	-	-	92.64	32.9	11.69	29.35	400	100	P	V
	*	5500	99.38	-	-	84.14	32.9	11.69	29.35	400	100	A	V
													V
	*	5700	106.57	-	-	90.63	33.4	11.93	29.39	100	325	P	H
	*	5700	98.24	-	-	82.3	33.4	11.93	29.39	100	325	A	H
		5725.48	58.03	-10.17	68.2	41.93	33.55	11.95	29.4	100	325	P	H
802.11be													H
(EHT20)													H
Partial													H
106/54	*	5700	104.26	-	-	88.32	33.4	11.93	29.39	335	122	P	V
CH 140	*	5700	96.51	-	-	80.57	33.4	11.93	29.39	335	122	A	V
5700MHz		5726.04	56.42	-11.78	68.2	40.31	33.56	11.95	29.4	335	122	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT40) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 102 5510MHz		5458.48	62.01	-11.99	74	46.83	32.9	11.63	29.35	100	338	P	H
		5468.32	66.26	-1.94	68.2	51.06	32.9	11.65	29.35	100	338	P	H
		5458.24	51.97	-2.03	54	36.8	32.9	11.63	29.36	100	338	A	H
	*	5510	103.51	-	-	88.25	32.9	11.71	29.35	100	338	P	H
	*	5510	95.69	-	-	80.43	32.9	11.71	29.35	100	338	A	H
		5747.045	55.78	-12.42	68.2	39.53	33.68	11.97	29.4	100	338	P	H
		5455.12	57.18	-16.82	74	42.01	32.9	11.63	29.36	362	99	P	V
		5470	64.58	-3.62	68.2	49.38	32.9	11.65	29.35	362	99	P	V
		5459.92	50.34	-3.66	54	35.16	32.9	11.63	29.35	362	99	A	V
	*	5510	99.38	-	-	84.12	32.9	11.71	29.35	362	99	P	V
	*	5510	91.85	-	-	76.59	32.9	11.71	29.35	362	99	A	V
		5755.55	55.97	-12.23	68.2	39.68	33.72	11.97	29.4	362	99	P	V
802.11be (EHT40) Full CH 110 5550MHz		5456.32	56.57	-17.43	74	41.4	32.9	11.63	29.36	100	360	P	H
		5463.28	59.6	-8.6	68.2	44.41	32.9	11.64	29.35	100	360	P	H
		5458.96	47.56	-6.44	54	32.38	32.9	11.63	29.35	100	360	A	H
	*	5550	106.38	-	-	91.07	32.9	11.77	29.36	100	360	P	H
	*	5550	99.06	-	-	83.75	32.9	11.77	29.36	100	360	A	H
		5759.96	55.73	-12.47	68.2	39.41	33.74	11.98	29.4	100	360	P	H
		5452	55.64	-18.36	74	40.48	32.9	11.62	29.36	387	100	P	V
		5469.76	56.83	-11.37	68.2	41.63	32.9	11.65	29.35	387	100	P	V
		5459.92	47	-7	54	31.82	32.9	11.63	29.35	387	100	A	V
	*	5550	101.81	-	-	86.5	32.9	11.77	29.36	387	100	P	V
	*	5550	94.99	-	-	79.68	32.9	11.77	29.36	387	100	A	V
		5739.17	55.2	-13	68.2	39	33.64	11.96	29.4	387	100	P	V
													V

802.11be (EHT40) Full CH 134 5670MHz		5364	53.12	-20.88	74	38.08	32.9	11.51	29.37	102	324	P	H
		5464.1	51.84	-16.36	68.2	36.65	32.9	11.64	29.35	102	324	P	H
		5459.55	44.68	-9.32	54	29.5	32.9	11.63	29.35	102	324	A	H
	*	5670	104.11	-	-	88.36	33.22	11.91	29.38	102	324	P	H
	*	5670	97.53	-	-	81.78	33.22	11.91	29.38	102	324	A	H
		5726.15	64.46	-3.74	68.2	48.35	33.56	11.95	29.4	102	324	P	H
		5414.05	55.14	-18.86	74	40.04	32.9	11.56	29.36	370	117	P	V
		5460.6	53.01	-15.19	68.2	37.83	32.9	11.63	29.35	370	117	P	V
		5458.15	44.68	-9.32	54	29.51	32.9	11.63	29.36	370	117	A	V
	*	5670	100.32	-	-	84.57	33.22	11.91	29.38	370	117	P	V
	*	5670	91.94	-	-	76.19	33.22	11.91	29.38	370	117	A	V
		5734.025	61.13	-7.07	68.2	44.97	33.6	11.96	29.4	370	117	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT40) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 102 5510MHz		11020	47.17	-26.83	74	56.94	38.76	17.12	65.65	-	-	P	H
		16530	48.54	-19.66	68.2	56.08	38.06	21.26	66.86	-	-	P	H
													H
													H
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													H
													H
													H
													H
													H
													H
													H
		11020	47.59	-26.41	74	57.36	38.76	17.12	65.65	-	-	P	V
		16530	48.28	-19.92	68.2	55.82	38.06	21.26	66.86	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11100	47.87	-26.13	74	57.46	38.9	17.18	65.67	-	-	P	H
		16650	48.38	-19.82	68.2	55.37	38.2	21.41	66.6	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be (EHT40) Full CH 110 5550MHz													H
		11100	47.81	-26.19	74	57.4	38.9	17.18	65.67	-	-	P	V
		16650	48.64	-19.56	68.2	55.63	38.2	21.41	66.6	-	-	P	V
													V
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WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 134 5670MHz		11340	46.94	-27.06	74	56.2	39.1	17.37	65.73	-	-	P	H
		17010	48.89	-19.31	68.2	54.84	38.06	21.84	65.85	-	-	P	H
													H
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													H
		11340	47.37	-26.63	74	56.63	39.1	17.37	65.73	-	-	P	V
		17010	48.28	-19.92	68.2	54.23	38.06	21.84	65.85	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT80) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 106 5530MHz		5459.68	60.88	-13.12	74	45.7	32.9	11.63	29.35	102	17	P	H
		5469.52	62.16	-6.04	68.2	46.96	32.9	11.65	29.35	102	17	P	H
		5459.68	51.95	-2.05	54	36.77	32.9	11.63	29.35	102	17	A	H
	*	5530	94.4	-	-	79.12	32.9	11.74	29.36	102	17	P	H
	*	5530	87.63	-	-	72.35	32.9	11.74	29.36	102	17	A	H
		5751.77	54.98	-13.22	68.2	38.7	33.71	11.97	29.4	102	17	P	H
		5459.92	58.29	-15.71	74	43.11	32.9	11.63	29.35	301	125	P	V
		5467.84	58.79	-9.41	68.2	43.59	32.9	11.65	29.35	301	125	P	V
		5459.68	49.62	-4.38	54	34.44	32.9	11.63	29.35	301	125	A	V
	*	5530	90.8	-	-	75.52	32.9	11.74	29.36	301	125	P	V
	*	5530	83.88	-	-	68.6	32.9	11.74	29.36	301	125	A	V
		5761.535	54.62	-13.58	68.2	38.29	33.75	11.98	29.4	301	125	P	V
802.11be (EHT80) Full CH 122 5610MHz		5449.45	63.32	-10.68	74	48.16	32.9	11.62	29.36	100	343	P	H
		5469.73	63.17	-5.03	68.2	47.97	32.9	11.65	29.35	100	343	P	H
		5459.98	51.96	-2.04	54	36.78	32.9	11.63	29.35	100	343	A	H
	*	5610	103.27	-	-	87.84	32.94	11.86	29.37	100	343	P	H
	*	5610	96.65	-	-	81.22	32.94	11.86	29.37	100	343	A	H
		5914.28	58.19	-10.01	68.2	41.13	34.2	12.29	29.43	100	343	P	H
		5455.69	58.23	-15.77	74	43.06	32.9	11.63	29.36	349	119	P	V
		5468.17	59.18	-9.02	68.2	43.98	32.9	11.65	29.35	349	119	P	V
		5459.98	49.17	-4.83	54	33.99	32.9	11.63	29.35	349	119	A	V
	*	5610	102.79	-	-	87.36	32.94	11.86	29.37	349	119	P	V
	*	5610	96.02	-	-	80.59	32.94	11.86	29.37	349	119	A	V
		5912.38	58.39	-9.81	68.2	41.33	34.2	12.29	29.43	349	119	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT80) Full (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.46	-26.54	74	57.23	38.74	17.15	65.66	-	-	P	H
		16590	48.06	-20.14	68.2	55.72	37.74	21.33	66.73	-	-	P	H
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													H
													H
													H
													H
802.11be (EHT80) Full CH 106 5530MHz													H
													H
		11060	47.8	-26.2	74	57.57	38.74	17.15	65.66	-	-	P	V
		16590	48.63	-19.57	68.2	56.29	37.74	21.33	66.73	-	-	P	V
													V
													V
													V
													V
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													V

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 122 5610MHz		11220	46.55	-27.45	74	55.98	39	17.27	65.7	-	-	P	H
		16830	48.78	-19.42	68.2	55.43	37.94	21.63	66.22	-	-	P	H
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													H
													H
													H
													H
		11220	46.43	-27.57	74	55.86	39	17.27	65.7	-	-	P	V
		16830	48.35	-19.85	68.2	55	37.94	21.63	66.22	-	-	P	V
													V
													V
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Remark

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

Band 3 5470~5725MHz

WIFI 802.11be (EHT160) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT160) Full CH 114 5570MHz		5454.16	59.99	-14.01	74	44.83	32.9	11.62	29.36	100	342	P	H
		5464.72	59.95	-8.25	68.2	44.76	32.9	11.64	29.35	100	342	P	H
		5459.44	51.6	-2.4	54	36.42	32.9	11.63	29.35	100	342	A	H
	*	5570	90.15	-	-	74.81	32.9	11.8	29.36	100	342	P	H
	*	5570	83.46	-	-	68.12	32.9	11.8	29.36	100	342	A	H
		5764.37	55.78	-12.42	68.2	39.44	33.76	11.98	29.4	100	342	P	H
		5459.92	57.4	-16.6	74	42.22	32.9	11.63	29.35	392	120	P	V
		5470	58.17	-10.03	68.2	42.97	32.9	11.65	29.35	392	120	P	V
		5457.76	49.85	-4.15	54	34.68	32.9	11.63	29.36	392	120	A	V
	*	5570	90.31	-	-	74.97	32.9	11.8	29.36	392	120	P	V
	*	5570	82.46	-	-	67.12	32.9	11.8	29.36	392	120	A	V
		5730.035	55.65	-12.55	68.2	39.52	33.58	11.95	29.4	392	120	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11be (EHT160) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT160) Full CH 114 5570MHz		11140	47.09	-26.91	74	56.58	38.98	17.21	65.68	-	-	P	H
		16710	48.59	-19.61	68.2	55.3	38.28	21.48	66.47	-	-	P	H
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													H
													H
													H
		11140	47.51	-26.49	74	57	38.98	17.21	65.68	-	-	P	V
		16710	49.18	-19.02	68.2	55.89	38.28	21.48	66.47	-	-	P	V
													V
													V
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													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5455.3	55.95	-18.05	74	40.78	32.9	11.63	29.36	104	322	P	H
		5460.76	56.11	-12.09	68.2	40.93	32.9	11.63	29.35	104	322	P	H
		5458.81	44.46	-9.54	54	29.28	32.9	11.63	29.35	104	322	A	H
	*	5720	109.85	-	-	93.77	33.52	11.95	29.39	104	322	P	H
	*	5720	105.28	-	-	89.2	33.52	11.95	29.39	104	322	A	H
		5885.75	57.1	-11.1	68.2	40.17	34.14	12.22	29.43	104	322	P	H
		5443.21	55.89	-18.11	74	40.74	32.9	11.61	29.36	336	123	P	V
		5462.32	56.22	-11.98	68.2	41.03	32.9	11.64	29.35	336	123	P	V
		5459.98	44.44	-9.56	54	29.26	32.9	11.63	29.35	336	123	A	V
	*	5720	107.98	-	-	91.9	33.52	11.95	29.39	336	123	P	V
	*	5720	102.29	-	-	86.21	33.52	11.95	29.39	336	123	A	V
		5886	58.26	-9.94	68.2	41.33	34.14	12.22	29.43	336	123	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	47.71	-26.29	74	57	39.02	17.44	65.75	-	-	P	H
		17160	49.69	-18.51	68.2	55.27	38.2	21.91	65.69	-	-	P	H
													H
													H
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													H
													H
													H
													H
													H
													H
													H
		11440	47.48	-26.52	74	56.77	39.02	17.44	65.75	-	-	P	V
		17160	48.91	-19.29	68.2	54.49	38.2	21.91	65.69	-	-	P	V
													V
													V
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													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11be (EHT20) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 144 5720MHz		5402.26	56.48	-17.52	74	41.4	32.9	11.54	29.36	100	323	P	H
		5466.22	55.48	-12.72	68.2	40.29	32.9	11.64	29.35	100	323	P	H
		5454.13	44.53	-9.47	54	29.37	32.9	11.62	29.36	100	323	A	H
	*	5720	109.93	-	-	93.85	33.52	11.95	29.39	100	323	P	H
	*	5720	103.78	-	-	87.7	33.52	11.95	29.39	100	323	A	H
		5923.5	59.37	-8.83	68.2	42.29	34.2	12.31	29.43	100	323	P	H
		5443.99	56.66	-17.34	74	41.51	32.9	11.61	29.36	351	114	P	V
		5463.1	55.36	-12.84	68.2	40.17	32.9	11.64	29.35	351	114	P	V
		5459.2	44.56	-9.44	54	29.38	32.9	11.63	29.35	351	114	A	V
	*	5720	107.95	-	-	91.87	33.52	11.95	29.39	351	114	P	V
	*	5720	100.93	-	-	84.85	33.52	11.95	29.39	351	114	A	V
		5880	58.83	-9.37	68.2	41.93	34.12	12.21	29.43	351	114	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be (EHT20) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full CH 144 5720MHz		11440	47.16	-26.84	74	56.45	39.02	17.44	65.75	-	-	P	H
		17160	48.59	-19.61	68.2	54.17	38.2	21.91	65.69	-	-	P	H
													H
													H
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													H
													H
													H
													H
		11440	47.78	-26.22	74	57.07	39.02	17.44	65.75	-	-	P	V
		17160	48.07	-20.13	68.2	53.65	38.2	21.91	65.69	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11be (EHT40) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 142 5710MHz		5436.97	56	-18	74	40.86	32.9	11.6	29.36	100	324	P	H
		5463.1	55	-13.2	68.2	39.81	32.9	11.64	29.35	100	324	P	H
		5459.2	44.66	-9.34	54	29.48	32.9	11.63	29.35	100	324	A	H
	*	5710	107.3	-	-	91.29	33.46	11.94	29.39	100	324	P	H
	*	5710	100.56	-	-	84.55	33.46	11.94	29.39	100	324	A	H
		5877.5	58.81	-9.39	68.2	41.93	34.11	12.2	29.43	100	324	P	H
		5443.6	55.46	-18.54	74	40.31	32.9	11.61	29.36	336	119	P	V
		5469.73	53.86	-14.34	68.2	38.66	32.9	11.65	29.35	336	119	P	V
		5459.98	44.67	-9.33	54	29.49	32.9	11.63	29.35	336	119	A	V
	*	5710	105.72	-	-	89.71	33.46	11.94	29.39	336	119	P	V
	*	5710	98.37	-	-	82.36	33.46	11.94	29.39	336	119	A	V
		5861	59.27	-8.93	68.2	42.49	34.04	12.16	29.42	336	119	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be (EHT40) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT40) Full CH 142 5710MHz		11420	47.35	-26.65	74	56.61	39.06	17.43	65.75	-	-	P	H
		17130	49.41	-18.79	68.2	55.07	38.16	21.9	65.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11420	46.92	-27.08	74	56.18	39.06	17.43	65.75	-	-	P	V
		17130	49.13	-19.07	68.2	54.79	38.16	21.9	65.72	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 Straddle Channel

WIFI 802.11be (EHT80) Full (Band Edge @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 138 5690MHz		5367.94	55.34	-18.66	74	40.29	32.9	11.52	29.37	100	320	P	H
		5469.34	54.98	-13.22	68.2	39.78	32.9	11.65	29.35	100	320	P	H
		5447.89	45.62	-8.38	54	30.47	32.9	11.61	29.36	100	320	A	H
	*	5690	103.93	-	-	88.06	33.34	11.92	29.39	100	320	P	H
	*	5690	96.97	-	-	81.1	33.34	11.92	29.39	100	320	A	H
		5861	59.39	-8.81	68.2	42.61	34.04	12.16	29.42	100	320	P	H
		5428.39	53.89	-20.11	74	38.77	32.9	11.58	29.36	400	126	P	V
		5467.39	52.1	-16.1	68.2	36.91	32.9	11.64	29.35	400	126	P	V
		5459.2	45.68	-8.32	54	30.5	32.9	11.63	29.35	400	126	A	V
	*	5690	103.22	-	-	87.35	33.34	11.92	29.39	400	126	P	V
	*	5690	95.19	-	-	79.32	33.34	11.92	29.39	400	126	A	V
		5947.25	56.49	-11.71	68.2	39.36	34.2	12.37	29.44	400	126	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11be (EHT80) Full (Harmonic @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT80) Full CH 138 5690MHz		11380	47.77	-26.23	74	57.01	39.1	17.4	65.74	-	-	P	H
		17070	48.99	-19.21	68.2	54.68	38.22	21.87	65.78	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11380	47.83	-26.17	74	57.07	39.1	17.4	65.74	-	-	P	V
		17070	49.34	-18.86	68.2	55.03	38.22	21.87	65.78	-	-	P	V
													V
													V
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													V
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													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 above 18GHz

WIFI 802.11be (EHT20) Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		39450	47.33	-26.67	74	58.39	45.8	-0.33	56.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
(EHT20)													H
Full		39186	47.76	-26.24	74	59.8	45.1	-0.45	56.69	-	-	P	V
SHF													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11be (EHT20) Full (LF @ 3m)

WIFI Ant. 3+4	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)
802.11be (EHT20) Full LF		30	21.95	-18.05	40	29.24	24.4	0.75	32.44	-	-	P	H
		95.61	36.91	-6.59	43.5	52.56	15.38	1.39	32.42	-	-	P	H
		179.85	30.86	-12.64	43.5	46.22	15.05	1.93	32.34	-	-	P	H
		481.3	25.29	-20.71	46	31.08	23.62	3.23	32.64	-	-	P	H
		744.5	31.25	-14.75	46	31.36	28.16	4.27	32.54	-	-	P	H
		962.9	34.39	-19.61	54	29.87	31.01	4.9	31.39	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.4	25.03	-14.97	40	34.71	21.97	0.81	32.46	-	-	P	V
		95.07	30.89	-12.61	43.5	46.66	15.27	1.38	32.42	-	-	P	V
		179.85	29.67	-13.83	43.5	45.03	15.05	1.93	32.34	-	-	P	V
		525.4	25.27	-20.73	46	30.51	24.02	3.36	32.62	-	-	P	V
		738.9	30.76	-15.24	46	31.09	27.98	4.26	32.57	-	-	P	V
		947.5	33.52	-12.48	46	29.5	30.72	4.84	31.54	-	-	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 limit** line.
P/A	**P**eak or **A**v
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.	
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Margin (dB)

= LevμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54 (dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Jack Tsai, Bill Chang, Gary Guo, and Steven Wu	**Temperature :**	18.2~20.2°C
		Relative Humidity :	54.2~56.1%

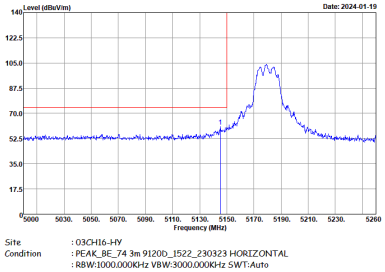
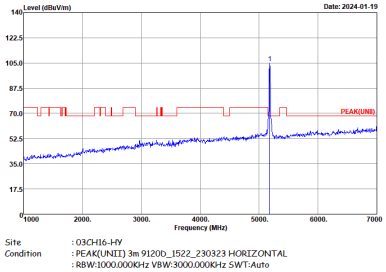
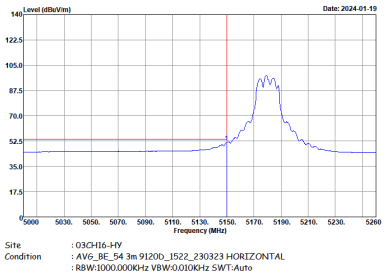
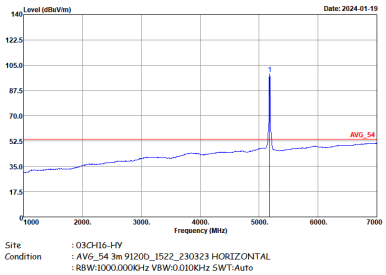
Note symbol

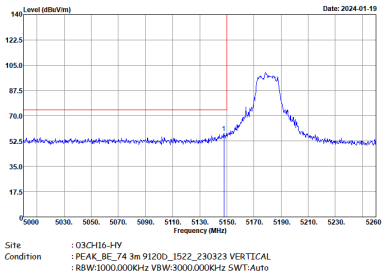
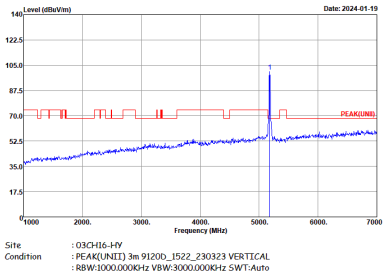
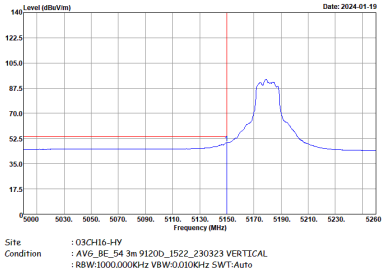
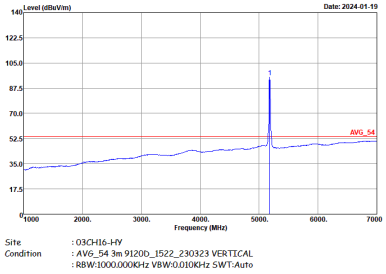
-L	**Low channel location**
-R	**High channel location**

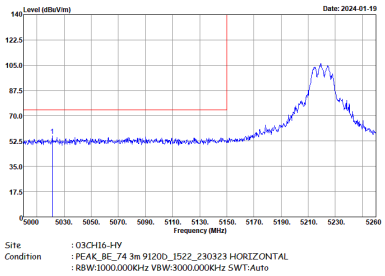
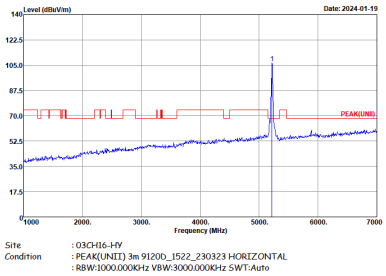
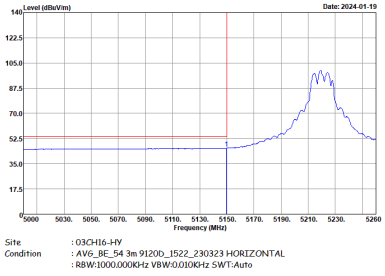
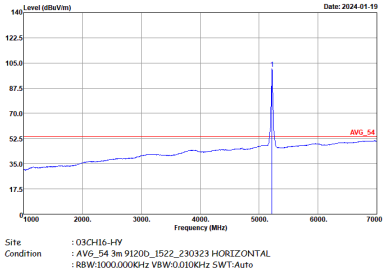
MIMO <Ant. 3+4>

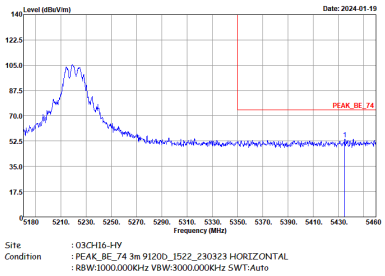
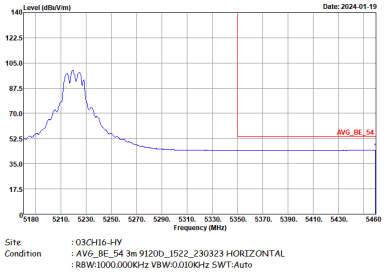
Band 1 - 5150~5250MHz

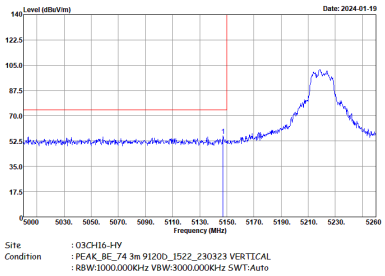
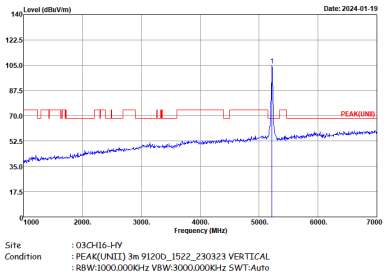
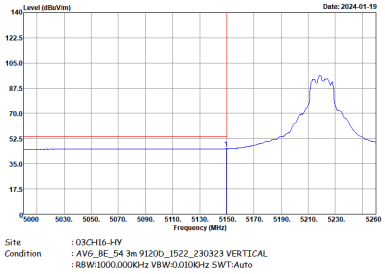
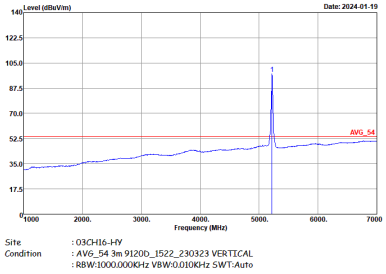
WIFI 802.11a (Band Edge @ 3m)

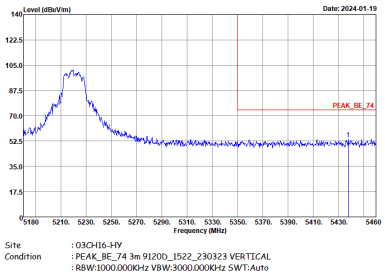
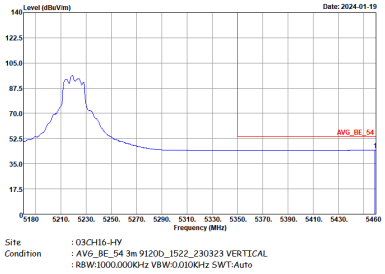
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

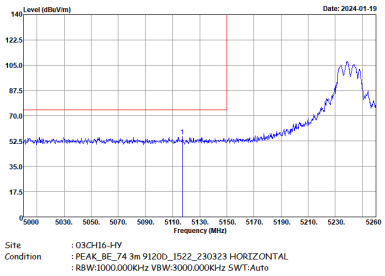
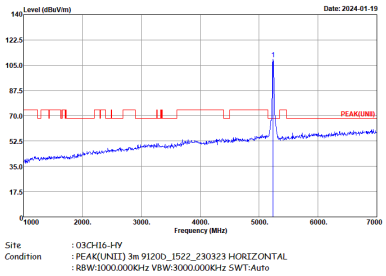
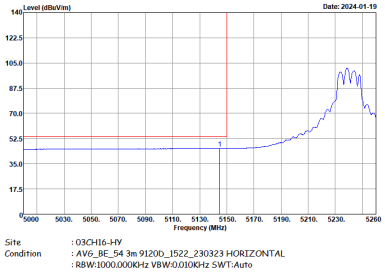
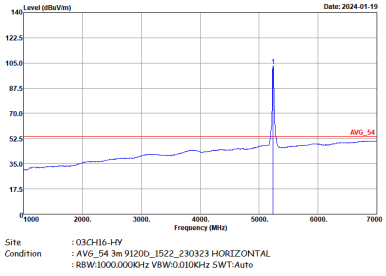
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

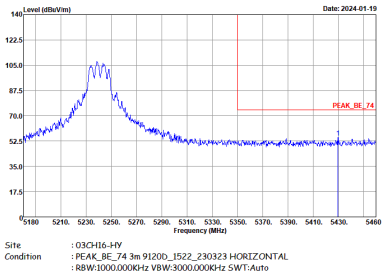
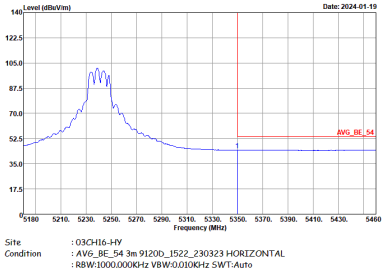
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

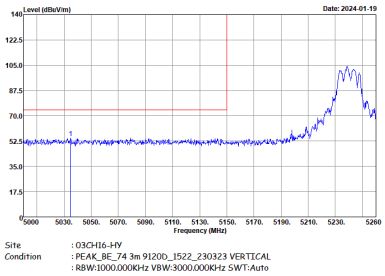
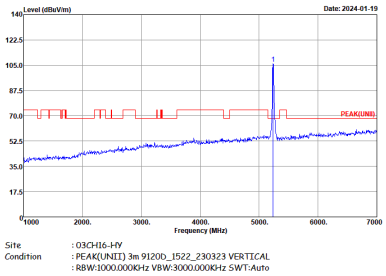
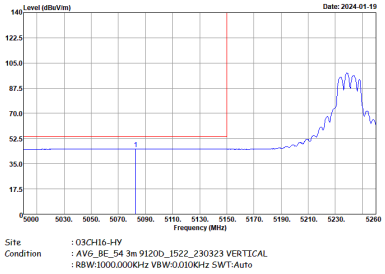
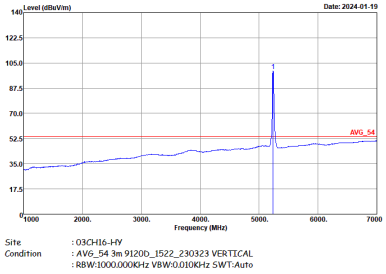
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

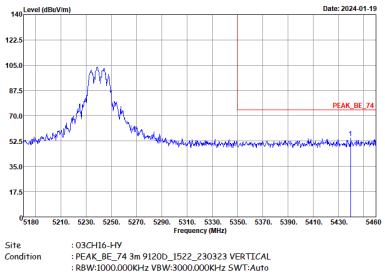
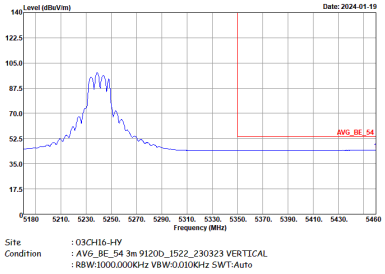
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

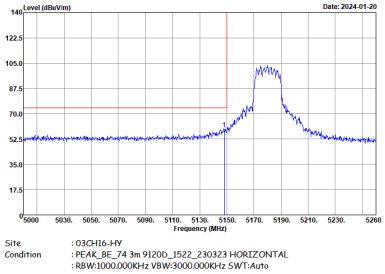
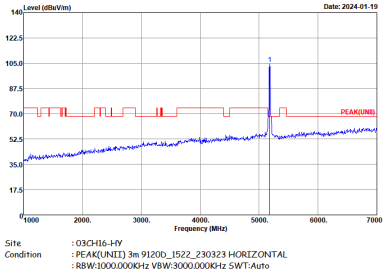
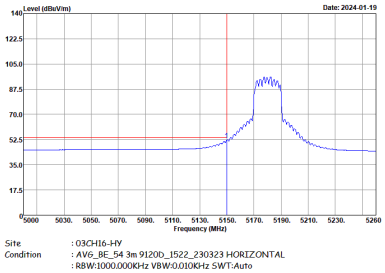
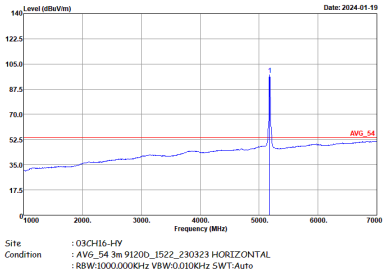
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

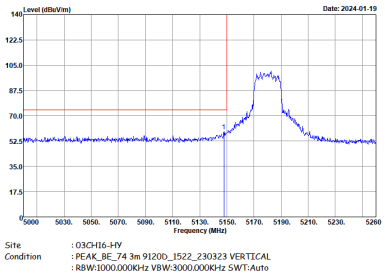
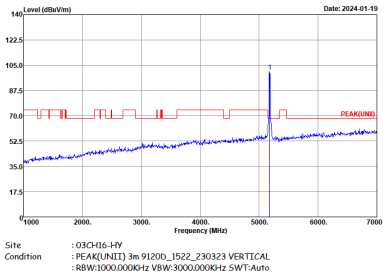
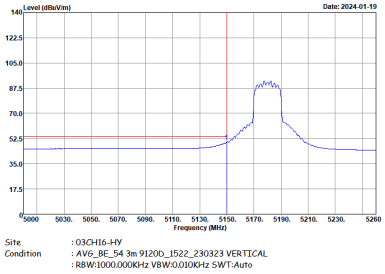
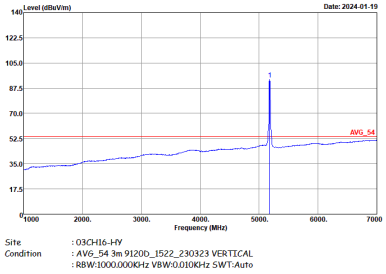
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

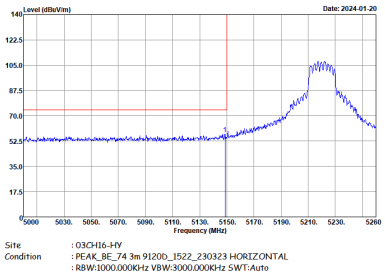
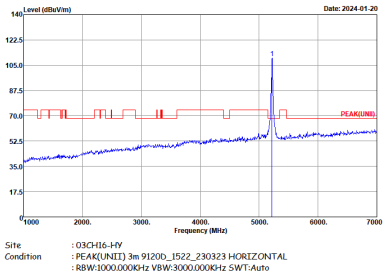
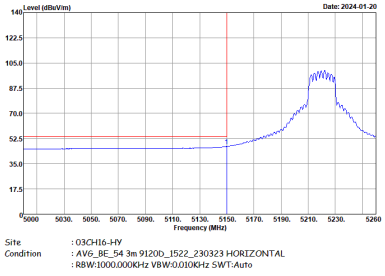
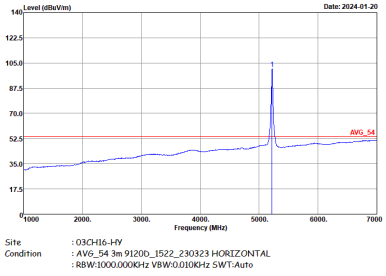
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

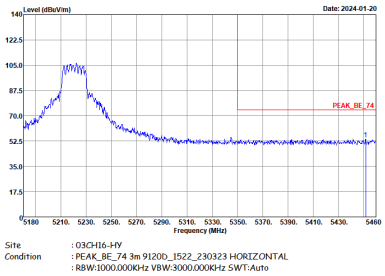
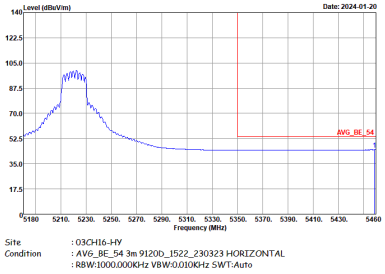
Band 1 5150~5250MHz

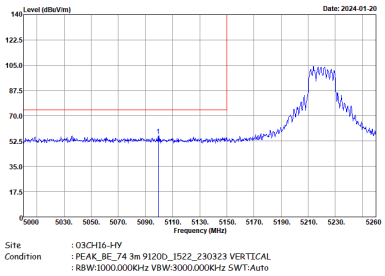
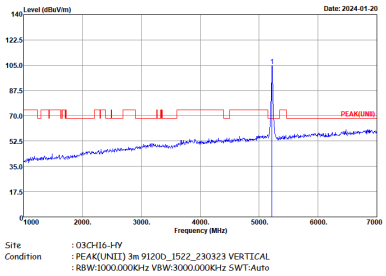
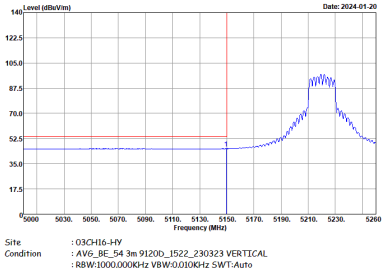
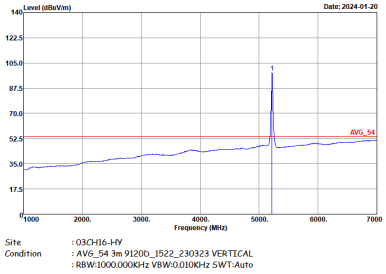
WIFI 802.11be (EHT20) Full (Band Edge @ 3m)

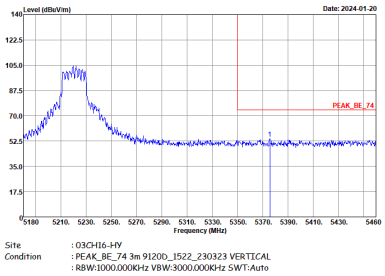
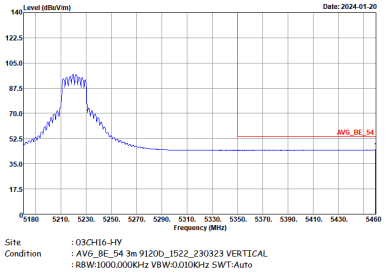
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

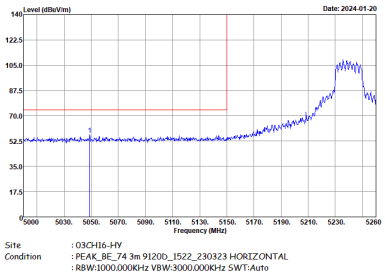
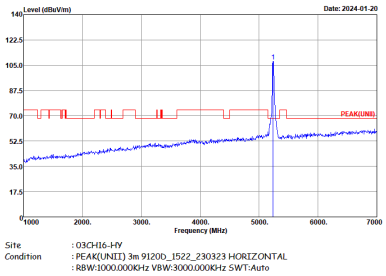
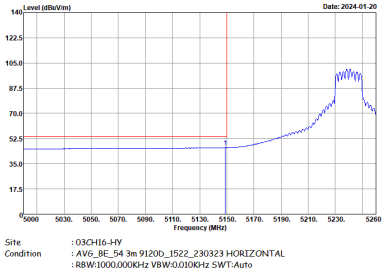
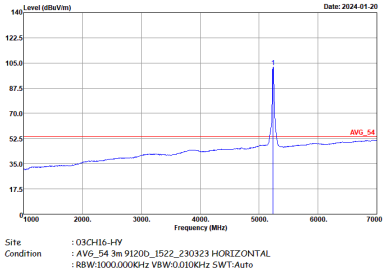
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

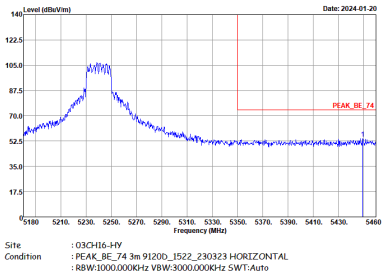
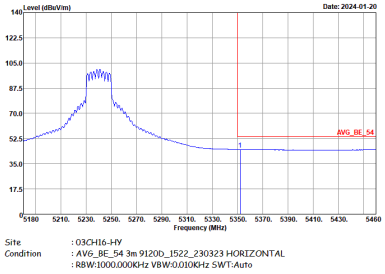
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH44 5220MHz - L	
3+4	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

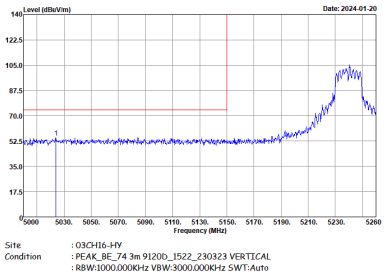
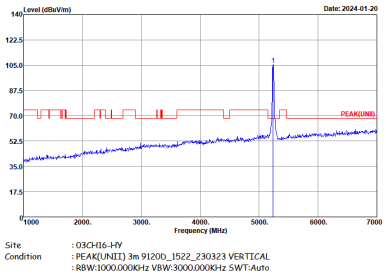
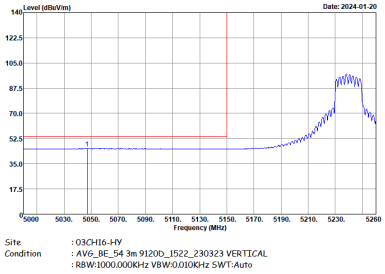
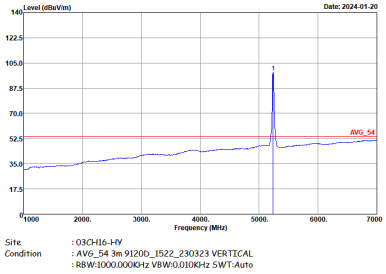
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH44 5220MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

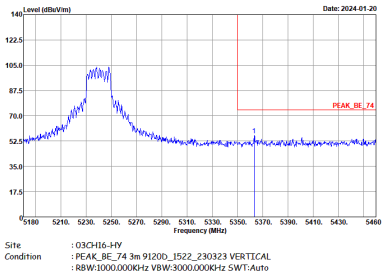
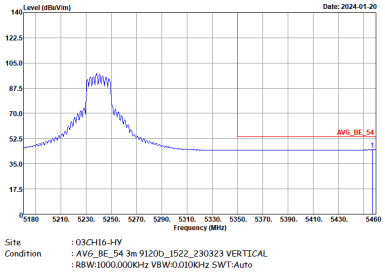
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH44 5220MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH44 5220MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH48 5240MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

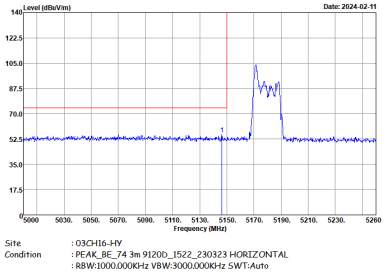
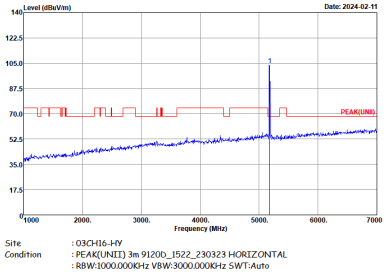
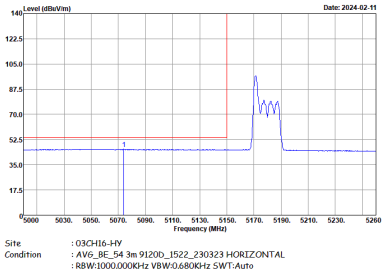
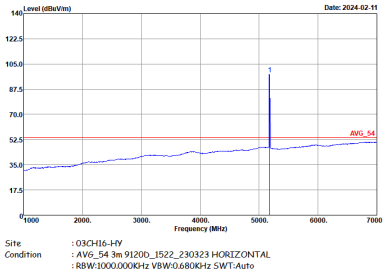
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH48 5240MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

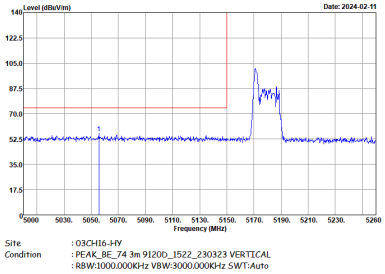
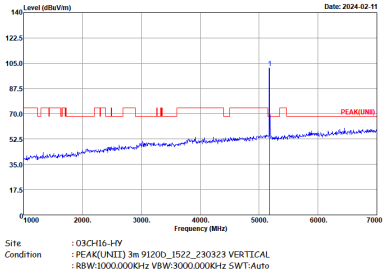
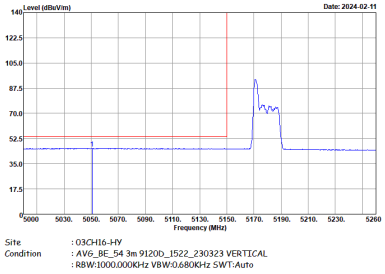
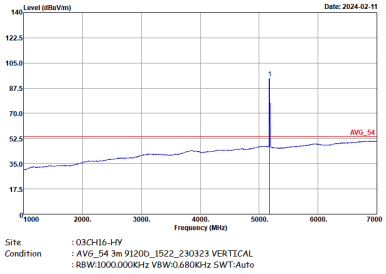
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH48 5240MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Full CH48 5240MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

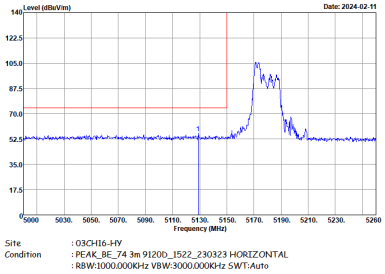
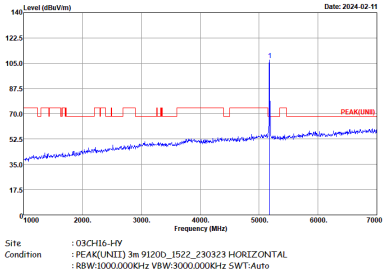
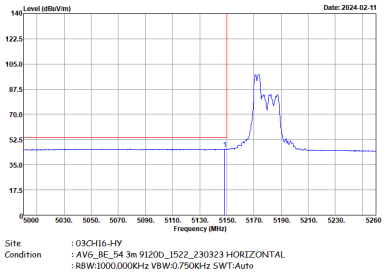
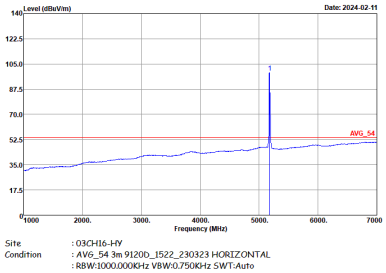
WIFI 802.11be (EHT20) Partial 26 (Band Edge @ 3m)

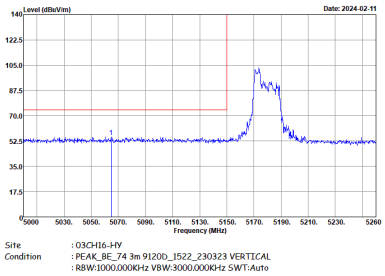
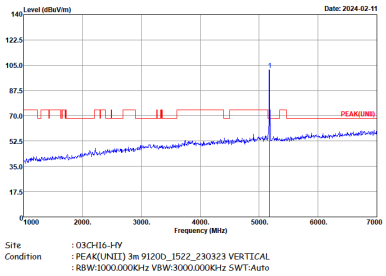
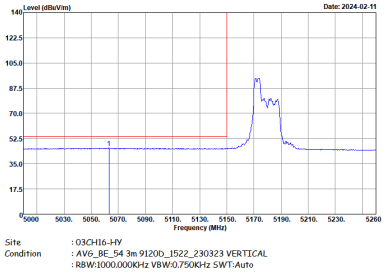
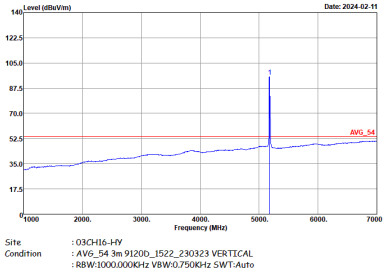
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Partial 26/0 CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Partial 26/0 CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

Band 1 5150~5250MHz

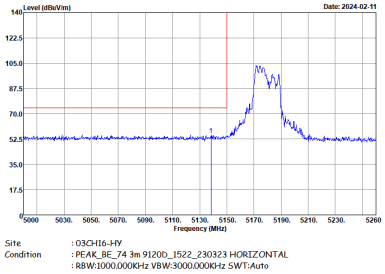
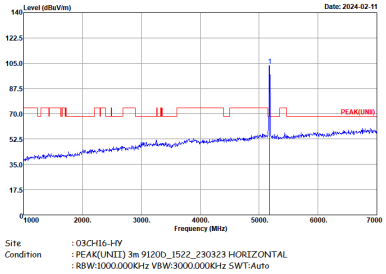
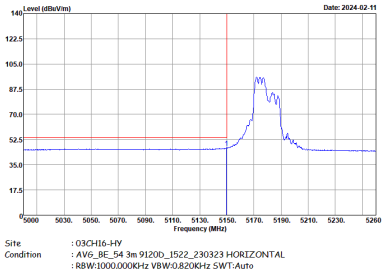
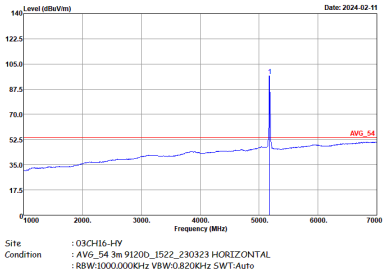
WIFI 802.11be (EHT20) Partial 52 (Band Edge @ 3m)

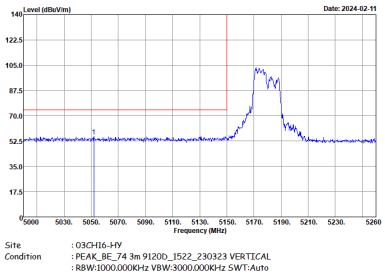
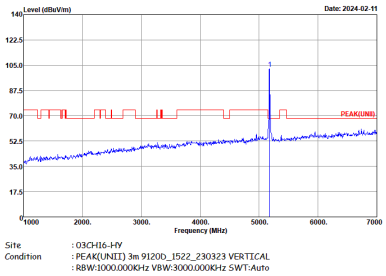
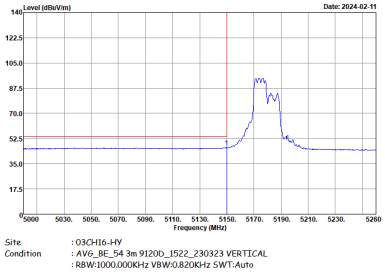
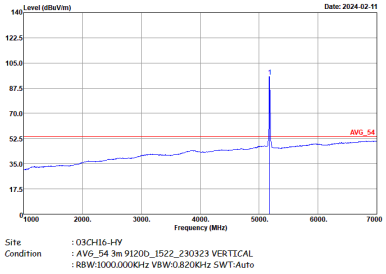
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Partial 52/37 CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Partial 52/37 CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

Band 1 5150~5250MHz

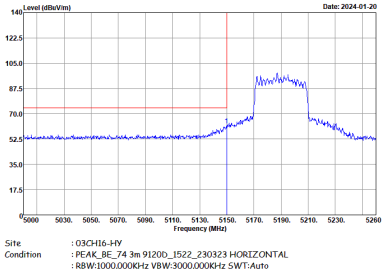
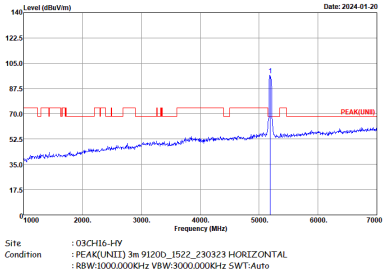
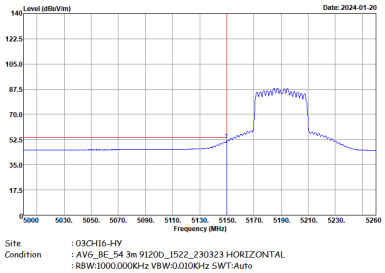
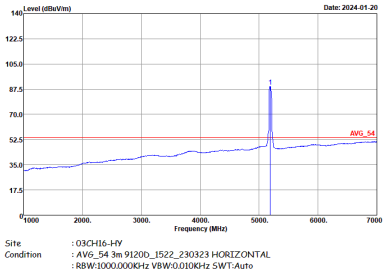
WIFI 802.11be (EHT20) Partial 106 (Band Edge @ 3m)

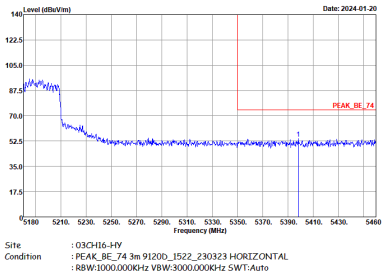
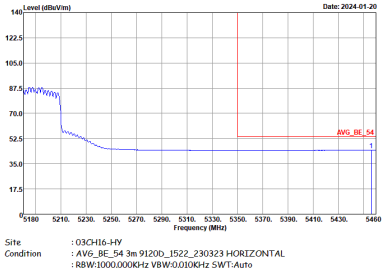
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Partial 106/53 CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

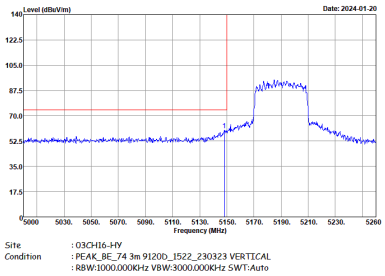
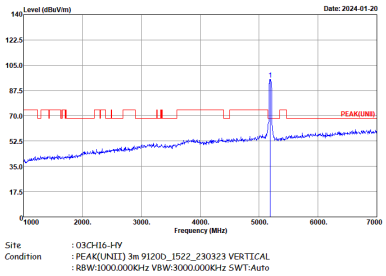
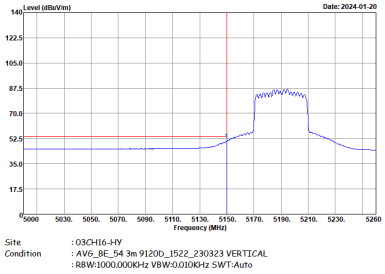
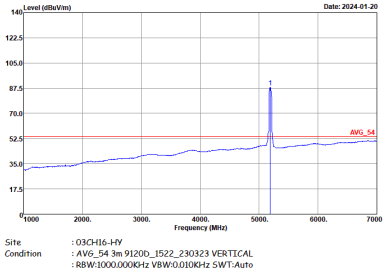
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT20) Partial 106/53 CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

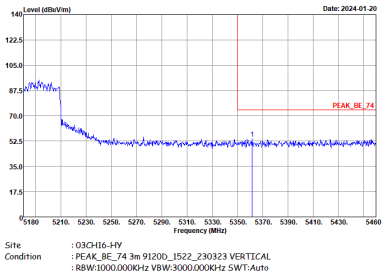
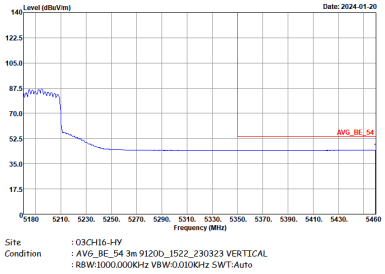
Band 1 5150~5250MHz

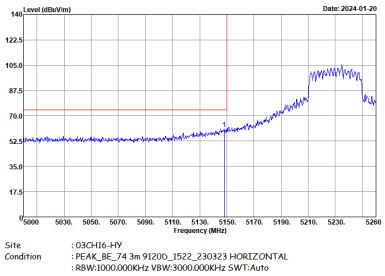
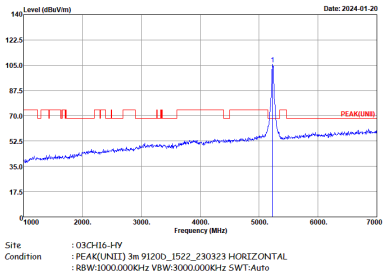
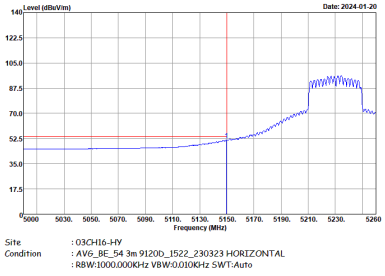
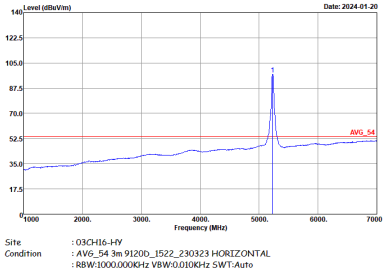
WIFI 802.11be (EHT40) Full (Band Edge @ 3m)

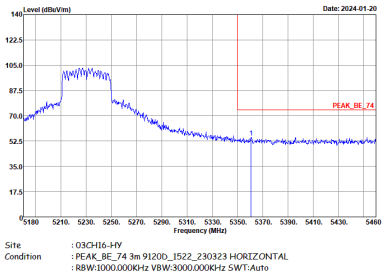
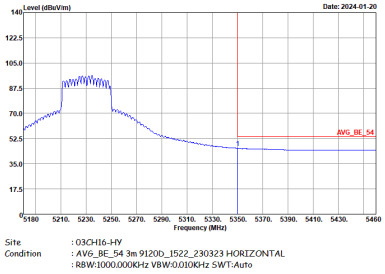
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH38 5190MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

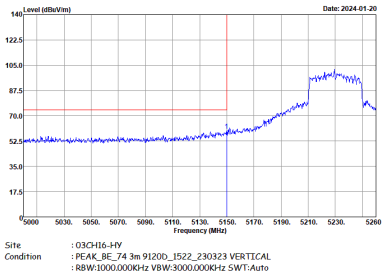
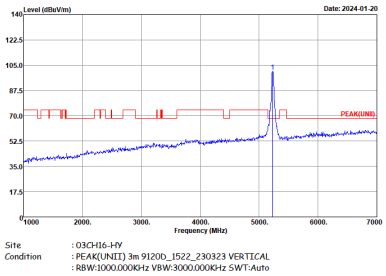
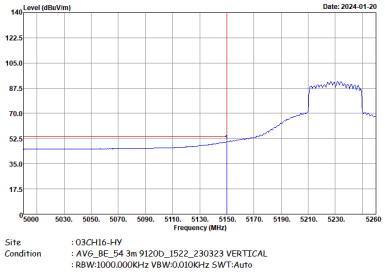
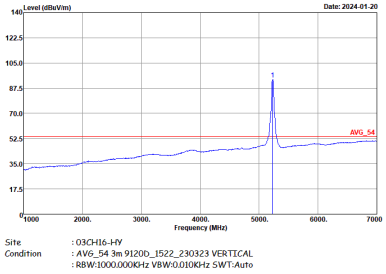
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH38 5190MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

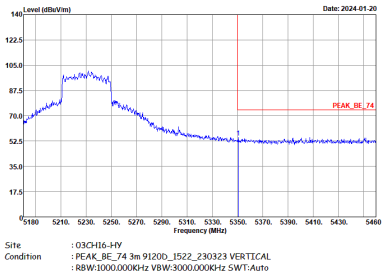
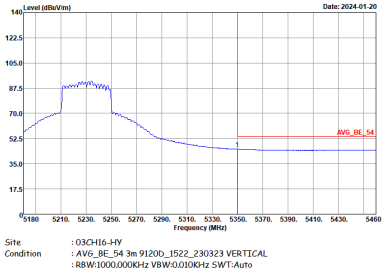
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH38 5190MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH38 5190MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

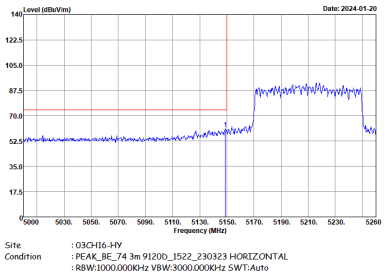
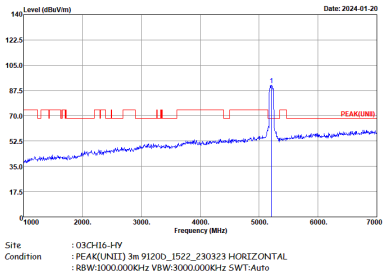
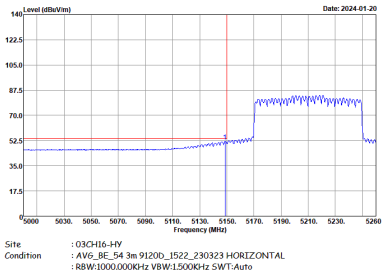
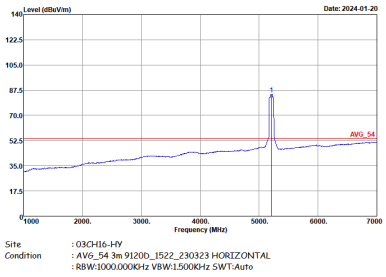
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH46 5230MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

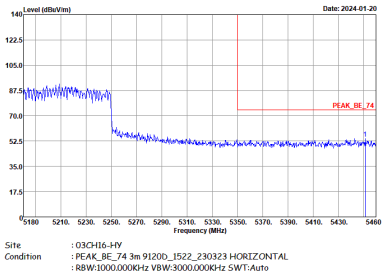
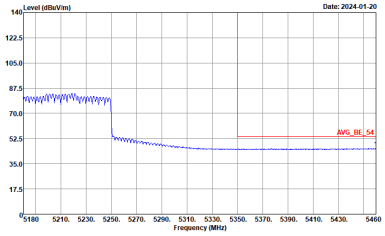
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH46 5230MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

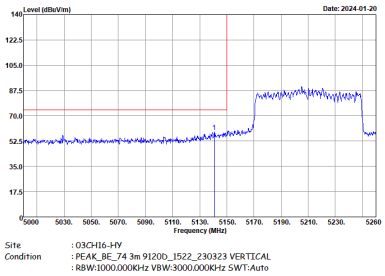
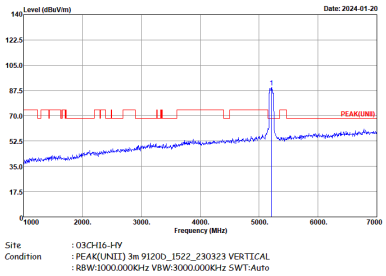
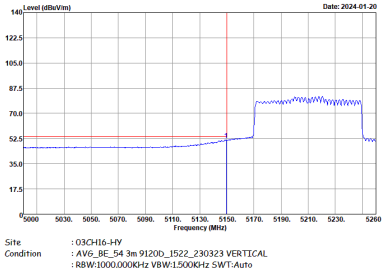
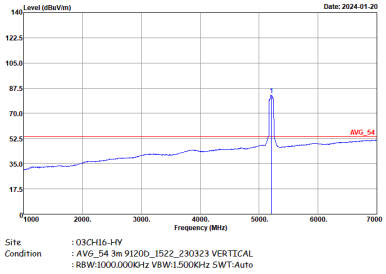
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH46 5230MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

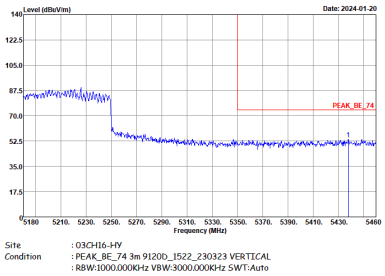
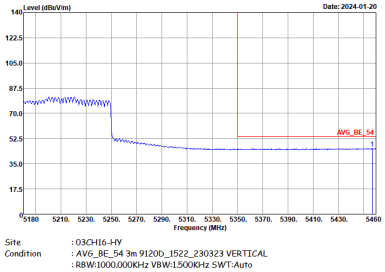
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT40) Full CH46 5230MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11be (EHT80) Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT80) Full CH42 5210MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

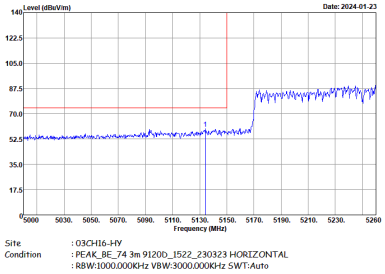
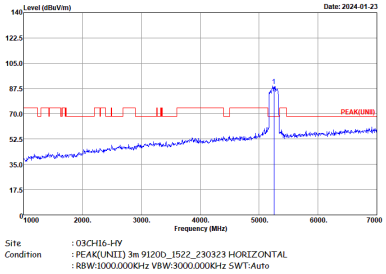
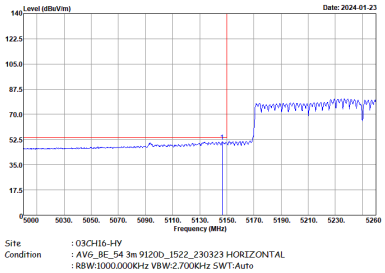
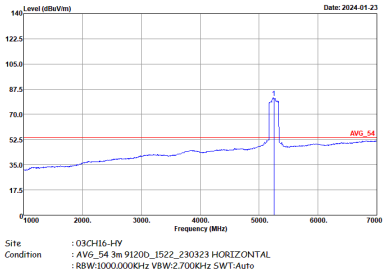
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT80) Full CH42 5210MHz - R	
3+4	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:1500KHz SWT:Auto	Left blank

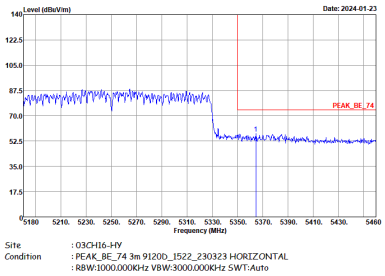
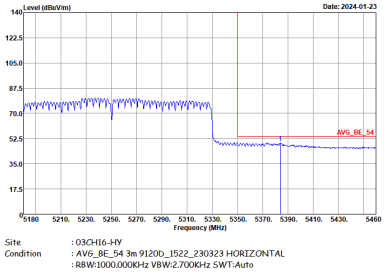
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT80) Full CH42 5210MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

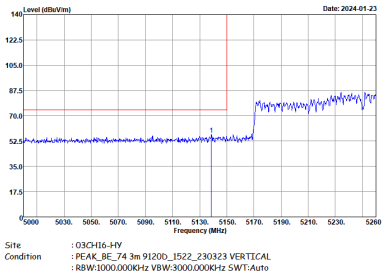
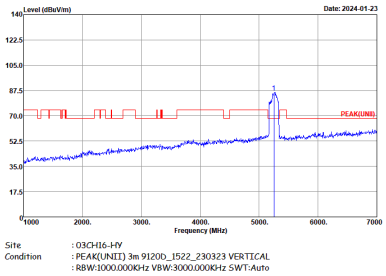
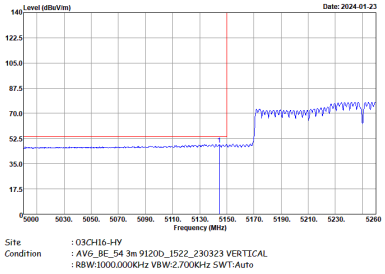
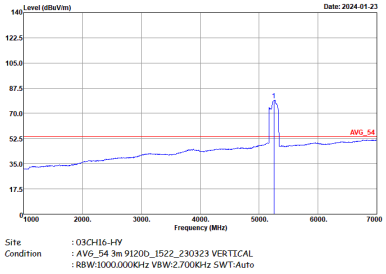
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT80) Full CH42 5210MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

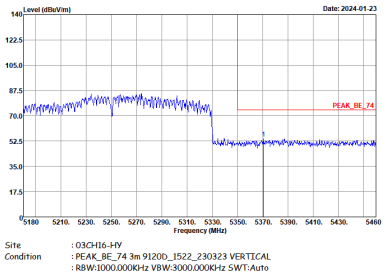
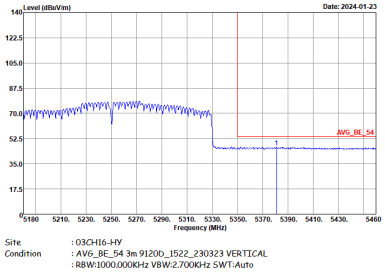
Band 1 5150~5250MHz

WIFI 802.11be (EHT160) Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT160) Full CH50 5250MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

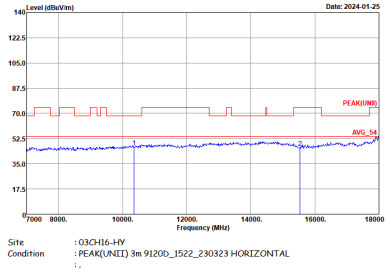
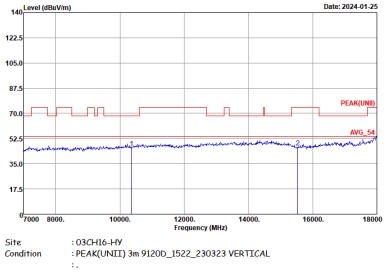
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT160) Full CH50 5250MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

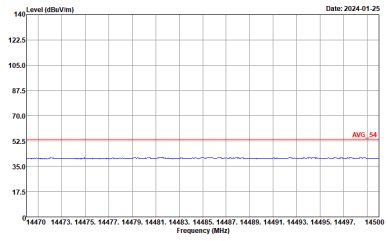
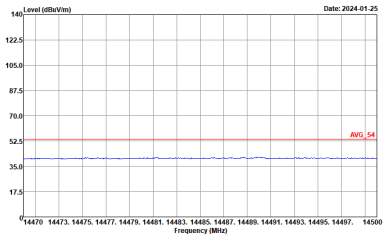
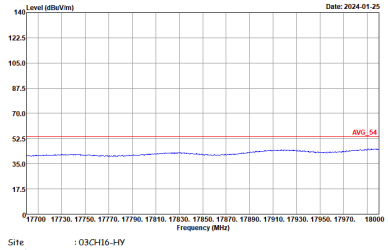
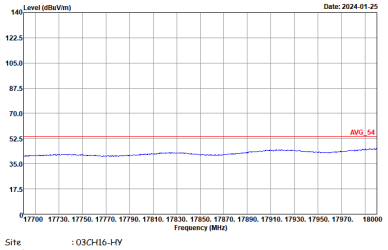
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT160) Full CH50 5250MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

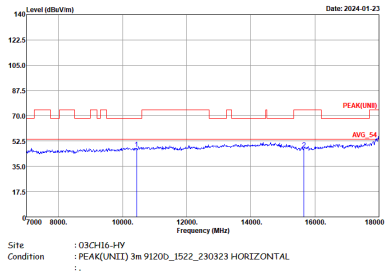
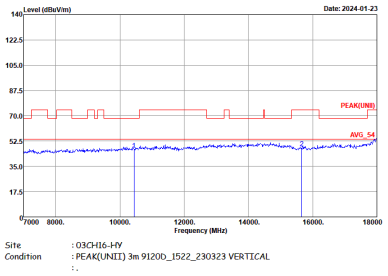
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be (EHT160) Full CH50 5250MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

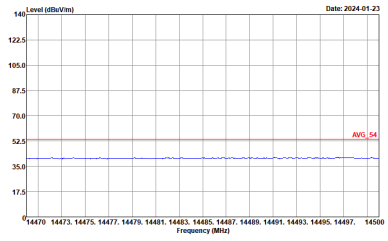
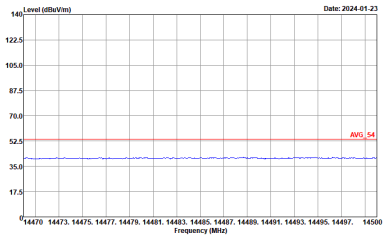
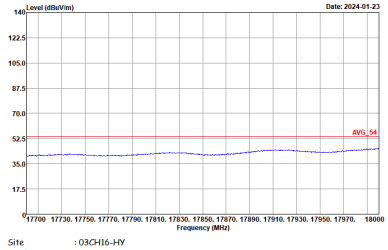
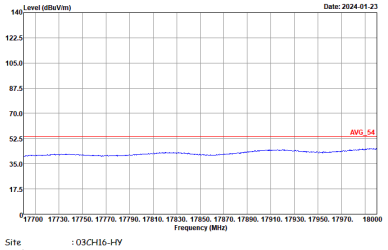
Band 1 - 5150~5250MHz

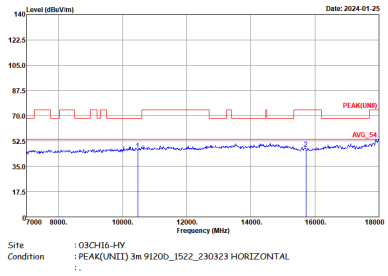
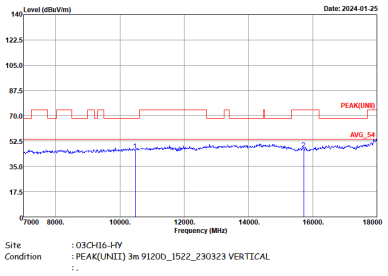
WIFI 802.11a (Harmonic @ 3m)

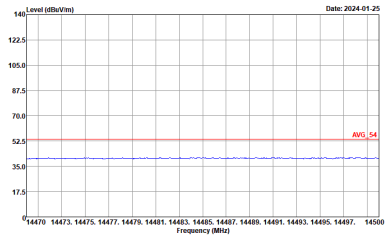
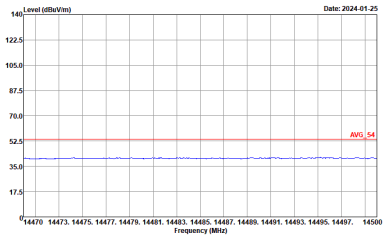
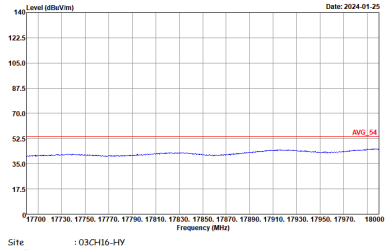
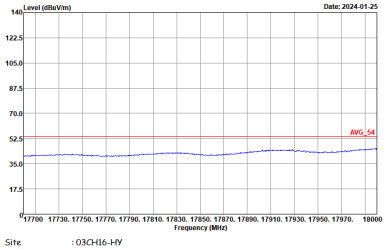
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

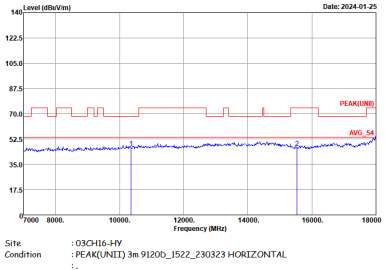
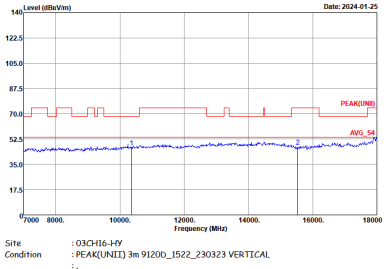
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
3+4	Horizontal	Vertical
Peak Avg.		

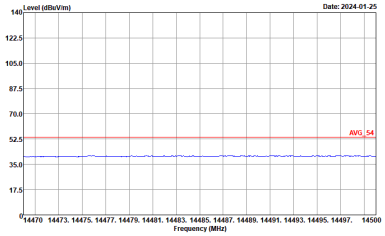
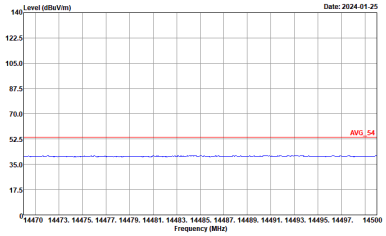
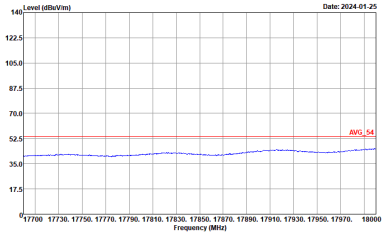
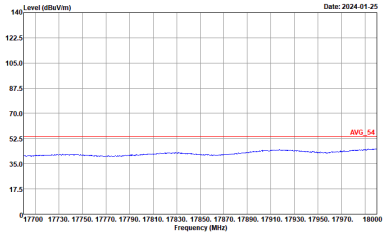
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

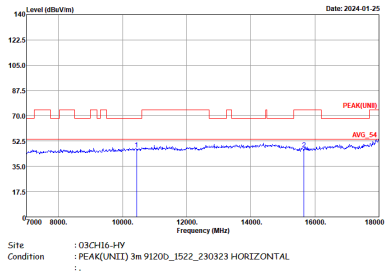
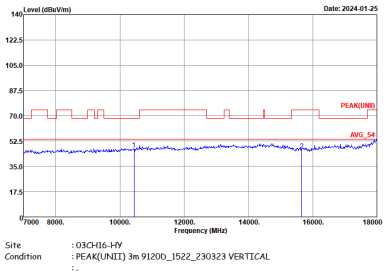
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
3+4	Horizontal	Vertical
Peak Avg.		

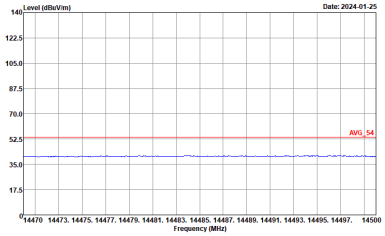
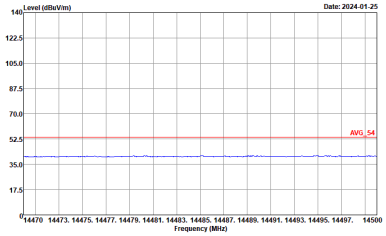
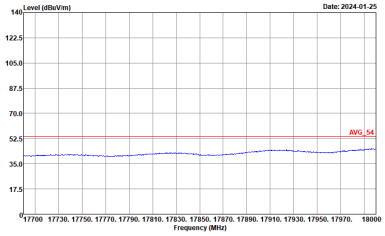
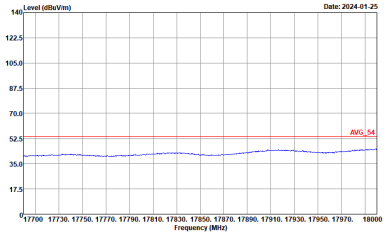
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

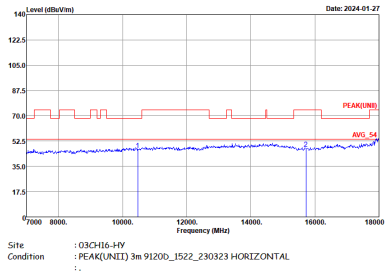
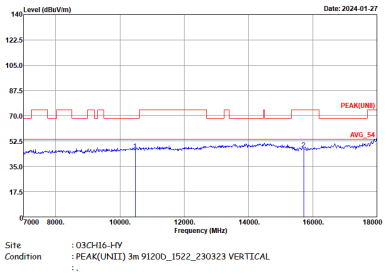
Band 1 5150~5250MHz
WIFI 802.11be (EHT20) Full (Harmonic @ 3m)

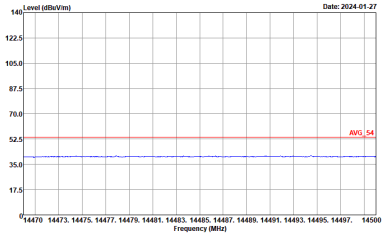
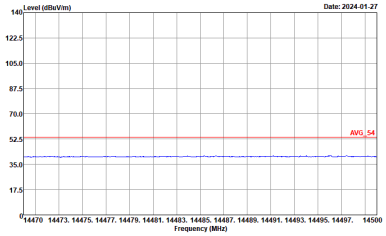
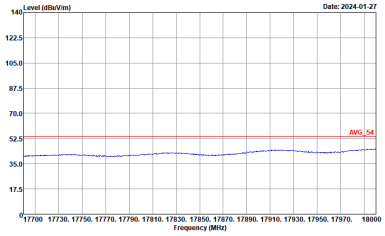
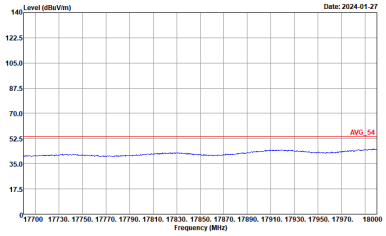
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT20) Full CH36 5180MHz	
3+4	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT20) Full CH36 5180MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT20) Full CH44 5220MHz	
3+4	Horizontal	Vertical
Peak Avg.		

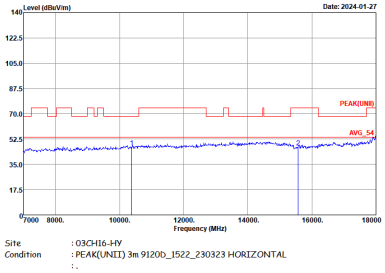
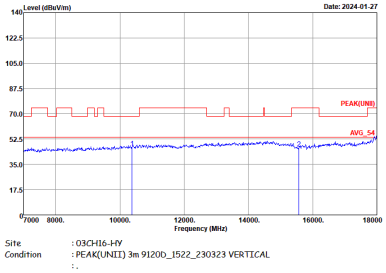
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT20) Full CH44 5220MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

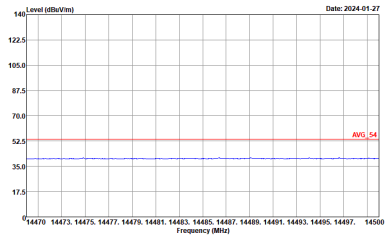
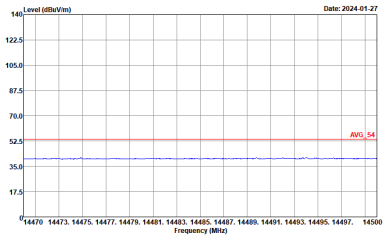
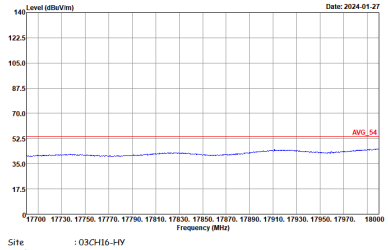
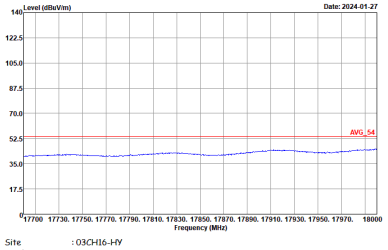
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT20) Full CH48 5240MHz	
3+4	Horizontal	Vertical
Peak Avg.		

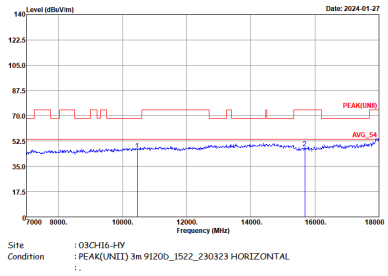
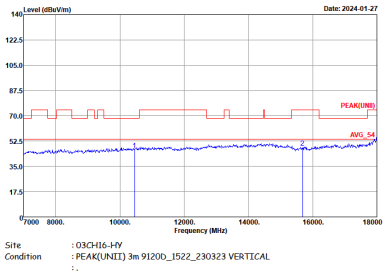
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT20) Full CH48 5240MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

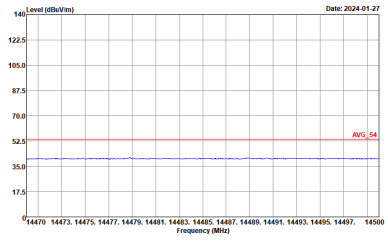
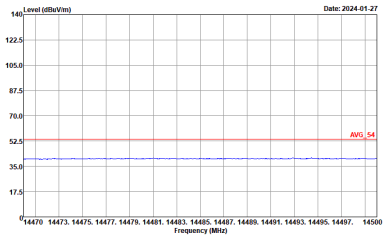
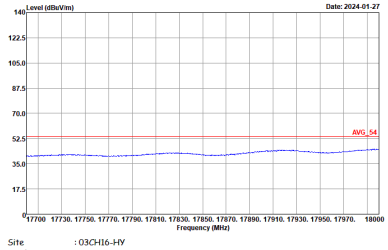
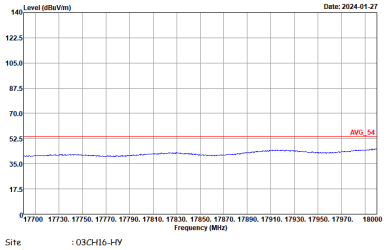
Band 1 5150~5250MHz

WIFI 802.11be (EHT40) Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT40) Full CH38 5190MHz	
3+4	Horizontal	Vertical
Peak Avg.		

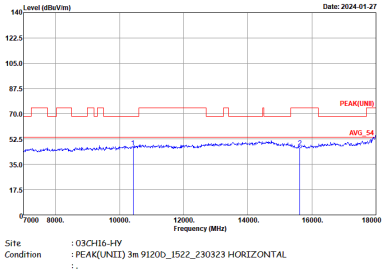
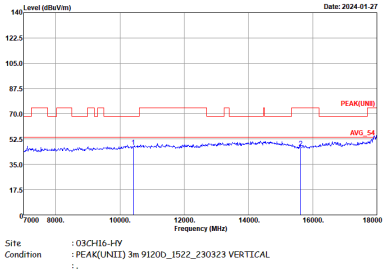
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT40) Full CH38 5190MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

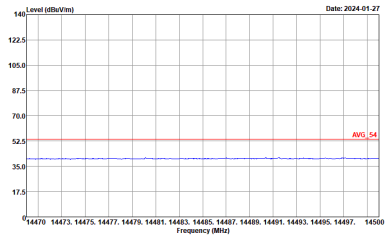
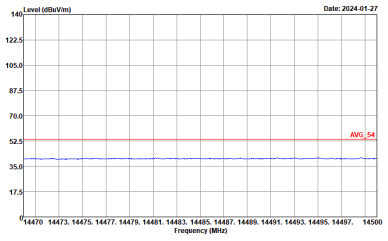
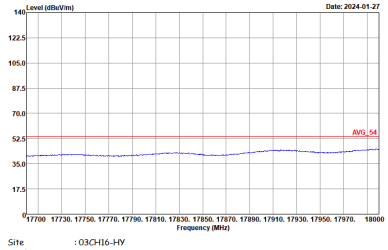
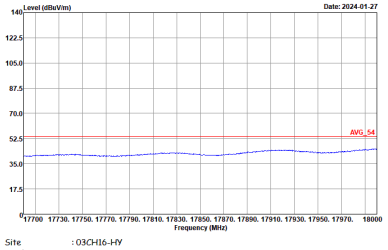
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT40) Full CH46 5230MHz	
3+4	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT40) Full CH46 5230MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

Band 1 5150~5250MHz

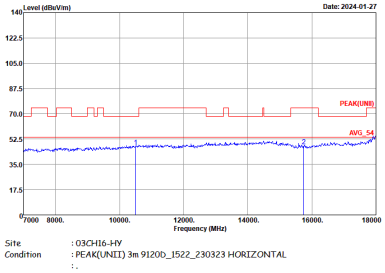
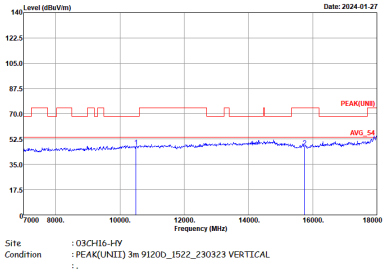
WIFI 802.11be (EHT80) Full (Harmonic @ 3m)

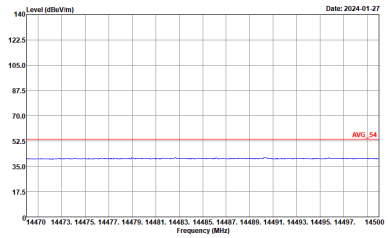
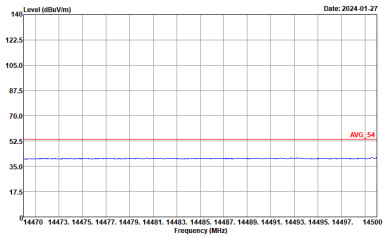
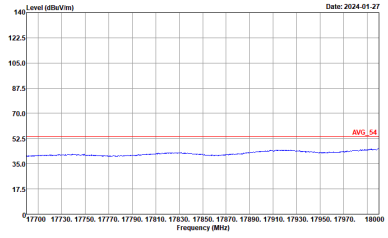
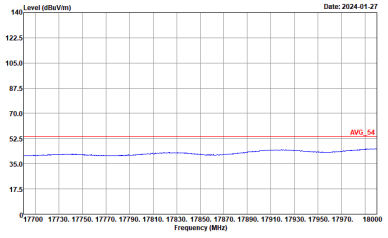
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT80) Full CH42 5210MHz	
3+4	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT80) Full CH42 5210MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

Band 1 5150~5250MHz

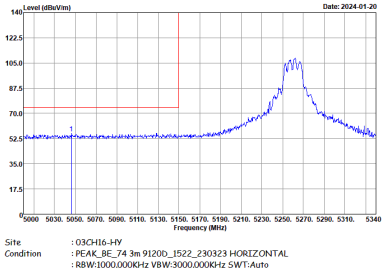
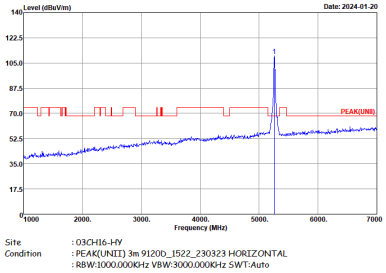
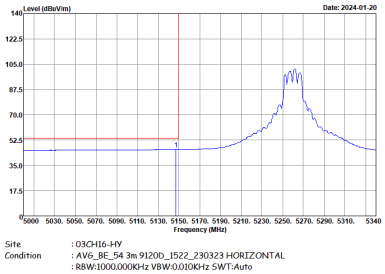
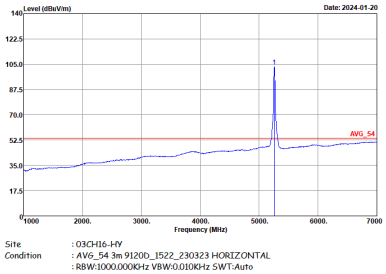
WIFI 802.11be (EHT160) Full (Harmonic @ 3m)

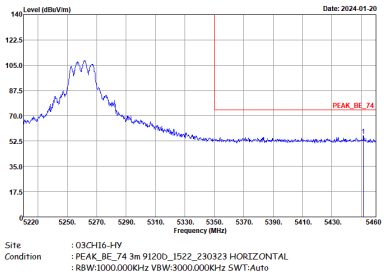
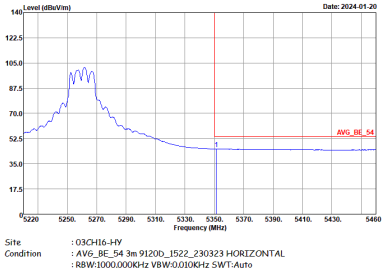
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT160) Full CH50 5250MHz	
3+4	Horizontal	Vertical
Peak Avg.		

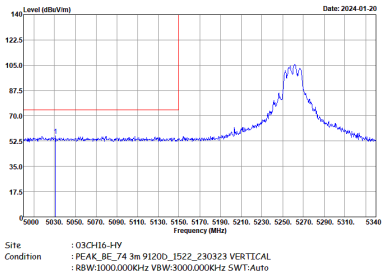
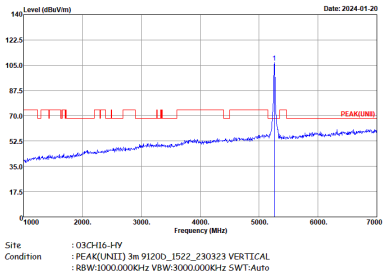
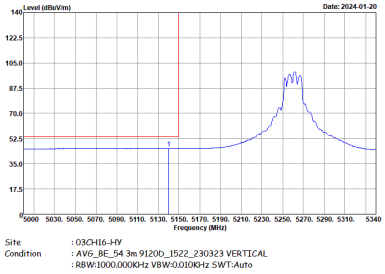
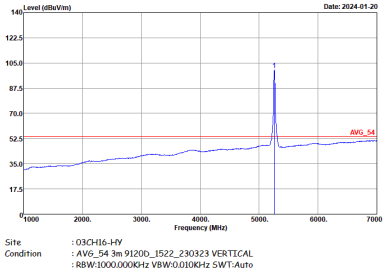
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11be (EHT160) Full CH50 5250MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

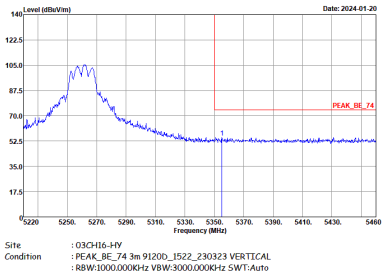
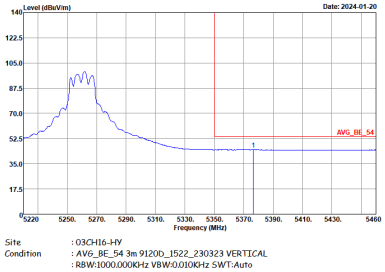
Band 2 - 5250~5350MHz

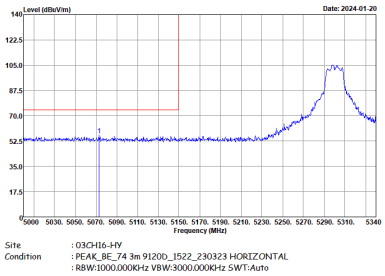
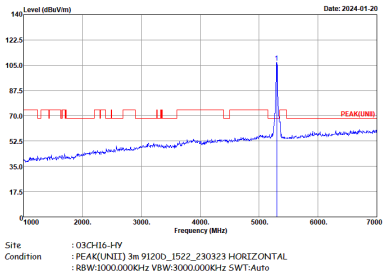
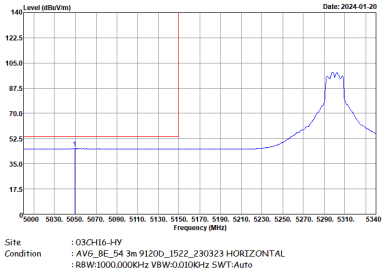
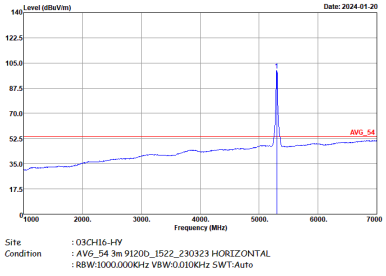
WIFI 802.11a (Band Edge @ 3m)

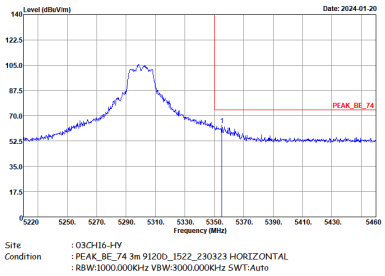
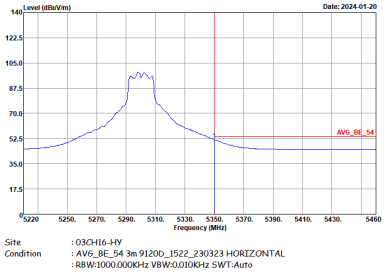
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

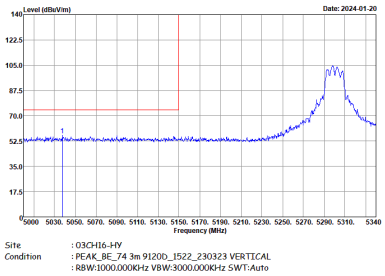
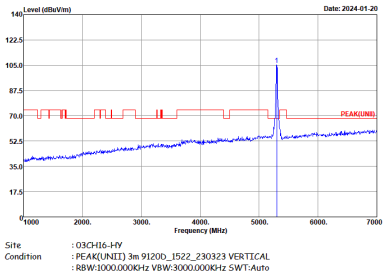
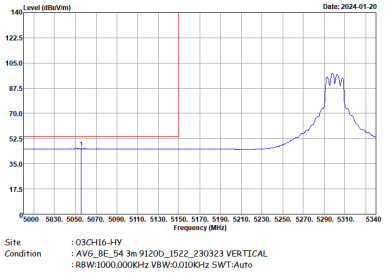
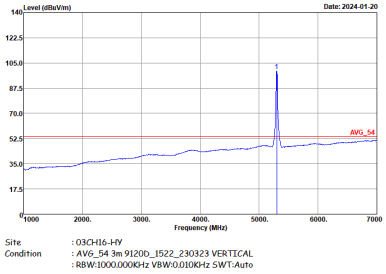
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

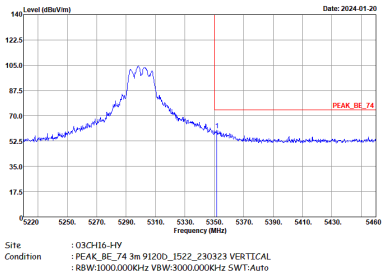
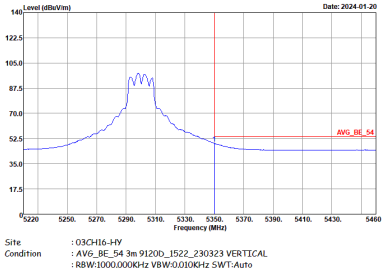
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank