FCC RADIO TEST REPORT

FCC ID	:	**A4RG1MNW**
Equipment	:	**Phone**
Model Name	:	**G1MNW**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Feb. 06, 2023 and testing was performed from Feb. 20, 2023 to Jun. 08, 2023. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issue Date
FR2D0206-01E	01	Initial issue of report	Jun. 15, 2023
FR2D0206-01E	02	Revise Power Spectral Density Measurement This report is an updated version, replacing the report issued on Jun. 15, 2023.	Jun. 29, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	Emission 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	1.64 dB under the limit a 5384.96 MHz
3.5	15.207	AC Conducted Emission	Pass	12.73 dB under the limit at 1.64 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: Ming Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G1MNW
FCC ID	A4RG1MNW
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/ WPT/UWB WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/EHT40/EHT80/EHT160 Bluetooth BR/EDR/LE/HR

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

EUT Information List	
S/N	Performed Test Item
33141FDJG000Z1	RF Conducted Measurement
33141FDJG00048 34281FDJG00023	Radiated Spurious Emission
31101FDJG0003F	Conducted Emission

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz
Maximum Output Power	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 3+4>** 802.11a: 22.47 dBm / 0.1766 W 802.11n HT20: 22.86 dBm / 0.1932 W 802.11n HT40: 22.76 dBm / 0.1888 W 802.11ac VHT20: 22.86 dBm / 0.1932 W 802.11ac VHT40: 22.76 dBm / 0.1888 W 802.11ac VHT80: 18.96 dBm / 0.0787 W 802.11ac VHT160: 17.51 dBm / 0.0564 W 802.11ax HE20: 22.86 dBm / 0.1932 W 802.11ax HE40: 22.76 dBm / 0.1888 W 802.11ax HE80: 19.07 dBm / 0.0807 W 802.11ax HE160: 17.71 dBm / 0.0590 W 802.11be EHT20: 22.96 dBm / 0.1977 W 802.11be EHT40: 22.86 dBm / 0.1932 W 802.11be EHT80: 19.17 dBm / 0.0826 W 802.11ax EHT160: 17.81 dBm / 0.0604 W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 3+4>** 802.11a: 22.16 dBm / 0.1644 W 802.11n HT20: 22.61 dBm / 0.1824 W 802.11n HT40: 22.76 dBm / 0.1888 W 802.11ac VHT20: 22.61 dBm / 0.1824 W 802.11ac VHT40: 22.76 dBm / 0.1888 W 802.11ac VHT80: 19.21 dBm / 0.0834 W 802.11ax HE20: 22.66 dBm / 0.1845 W 802.11ax HE40: 22.76 dBm / 0.1888 W 802.11ax HE80: 19.56 dBm / 0.0904 W 802.11be EHT20: 22.76 dBm / 0.1888 W 802.11be EHT40: 22.86 dBm / 0.1932 W 802.11be EHT80: 19.61 dBm / 0.0914 W

Product Specification is subject to this standard	
Maximum Output Power	**<5500 MHz ~ 5720 MHz>** **MIMO <Ant. 3+4>** 802.11a: 22.07 dBm / 0.1611 W 802.11n HT20: 22.71 dBm / 0.1866 W 802.11n HT40: 22.76 dBm / 0.1888 W 802.11ac VHT20: 22.71 dBm / 0.1866 W 802.11ac VHT40: 22.76 dBm / 0.1888 W 802.11ac VHT80: 22.76 dBm / 0.1888 W 802.11ac VHT160: 18.51 dBm / 0.0710 W 802.11ax HE20: 22.71 dBm / 0.1866 W 802.11ax HE40: 22.76 dBm / 0.1888 W 802.11ax HE80: 22.76 dBm / 0.1888 W 802.11ax HE160: 18.61 dBm / 0.0726 W 802.11be EHT20: 22.81 dBm / 0.1910 W 802.11be EHT40: 22.86 dBm / 0.1932 W 802.11be EHT80: 22.86 dBm / 0.1932 W 802.11be EHT160: 18.81 dBm / 0.0760 W **<5745 MHz ~ 5825 MHz>** **MIMO <Ant. 3+4>** 802.11a: 20.92 dBm / 0.1236 W 802.11n HT20: 21.11 dBm / 0.1291 W 802.11n HT40: 22.38 dBm / 0.1730 W 802.11ac VHT20: 21.11 dBm / 0.1291 W 802.11ac VHT40: 22.38 dBm / 0.1730 W 802.11ac VHT80: 22.52 dBm / 0.1786 W 802.11ax HE20: 21.11 dBm / 0.1291 W 802.11ax HE40: 22.27 dBm / 0.1687 W 802.11ax HE80: 22.37 dBm / 0.1726 W 802.11be EHT20: 21.21 dBm / 0.1321 W 802.11be EHT40: 22.47 dBm / 0.1766 W 802.11be EHT80: 22.67 dBm / 0.1849 W
99% Occupied Bandwidth	**MIMO <Ant. 3>** 802.11a: 17.78MHz 802.11be EHT20: 19.53 MHz 802.11be EHT40: 38.56 MHz 802.11be EHT80: 77.56 MHz 802.11be EHT160: 157.28 MHz **MIMO <Ant. 4>** 802.11a: 18.08 MHz 802.11be EHT20: 20.08 MHz 802.11be EHT40: 39.36 MHz 802.11be EHT80: 77.44 MHz 802.11be EHT160: 157.52 MHz

<table>
<tr><th colspan="2">Product Specification is subject to this standard</th></tr>
<tr><td>Antenna Type</td><td><5180 MHz ~ 5240 MHz>
<Ant. 3> : PIFA Antenna
<Ant. 4> : IFA Antenna
<5260 MHz ~ 5320 MHz>
<Ant. 3> : PIFA Antenna
<Ant. 4> : IFA Antenna
<5500 MHz ~ 5720 MHz>
<Ant. 3> : PIFA Antenna
<Ant. 4> : IFA Antenna
<5745 MHz ~ 5825 MHz>
<Ant. 3> : PIFA Antenna
<Ant. 4> : IFA Antenna</td></tr>
<tr><td>Antenna Gain</td><td><5180 MHz ~ 5240 MHz>
<Ant. 3>: -2.00 dBi
<Ant. 4>: -5.30 dBi
<5260 MHz ~ 5320 MHz>
<Ant. 3>: -2.00 dBi
<Ant. 4>: -3.90 dBi
<5500 MHz ~ 5720 MHz>
<Ant. 3>: -0.40 dBi
<Ant. 4>: -1.30 dBi
<5745 MHz ~ 5825 MHz>
<Ant. 3>: -0.60 dBi
<Ant. 4>: -1.40 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
802.11ax: OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)
802.11be: OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM/4096QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><th></th><th>Ant. 3</th><th>Ant. 4</th></tr><tr><td>802.11 a/n/ac/ax/be MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Remark:

1. MIMO Ant. 3+4 Directional Gain is a calculated result from MIMO Ant. 3 and MIMO Ant. 4. The formula used in calculation is documented in section 1.2.1.
2. Power of MIMO Ant. 3 + Ant. 4 is a calculated result from sum of the power MIMO Ant. 3 and MIMO Ant. 4.
3. The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.2.1 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	-2.00	-5.30	-2.00	-0.48	0.00	0.00
Band II	-2.00	-3.90	-2.00	0.11	0.00	0.00
Band III	-0.40	-1.30	-0.40	2.17	0.00	0.00
Band IV	-0.60	-1.40	-0.60	2.02	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT1}= -2.00dBi; G_{ANT2}=-5.30dBi

Directional gain of power measurement = max(-2.00, -5.30) + 0 = -2.00 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (-2.00 dBi / 20) + 10^ (-5.30 dBi / 20)] ^ 2 } / 2 }

= -0.48 dBi

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	CO05-HY (TAF Code: 1190)
Remark	The Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

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

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, 03CH13-HY

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

FCC designation No.: TW1190 and TW3786

1.5 Applicable Standards

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

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

Remark:

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

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 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 only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40 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 supports WiFi 802.11be 20MHz bandwidth for 2.4GHz and 160MHz bandwidth for both 5GHz and 6GHz.

This device supports 26/52/106/242/484/996 single tone RU modes for 802.11ax/be modes and the 242/484/996-tone RU modes are covered by 20/40/80MHz channels.

This device supports MRU 52T+26T/106T+26T (small RU) and punctured modes (large RU) for 802.11be mode.

The PSD of partial RU/MRU modes are reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2018 and Oct. 2022 for WiFi 7 device.

The 802.11ax/be modes are investigated among full RU, single RU and MRU modes for emission spot check and the 11ax modes are covered by 11be modes.

The PSD and power of partial RU and MRU are less than full RU configurations so the full RU is chosen as main test configuration.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is chosen as main test configuration..

The power for 802.11n, 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.

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

MIMO Mode

Specification	MCS index /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

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + WLAN (5GHz) Link + Bluetooth Link + USB Cable 1 (Charging from AC Adapter 2)

Remark:
1. For Radiated Test Cases, the tests were performed with Adapter 1 and USB Cable 1.
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

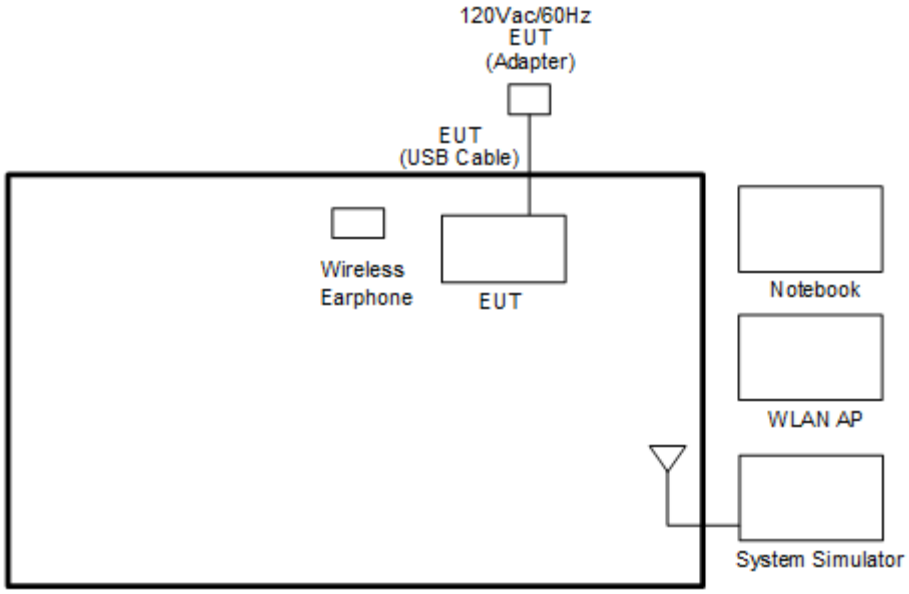
BW160	5150-5350 MHz	5470-5725MHz
	802.11ax HE160	802.11ax HE160
Ch. #	50	114

Ch. #		Band IV：5725-5850 MHz			
		802.11a	802.11be EHT20	802.11be EHT40	802.11be EHT80
L	Low	149	151	-	-
M	Middle	157	-	155	155
H	High	165	159	-	-

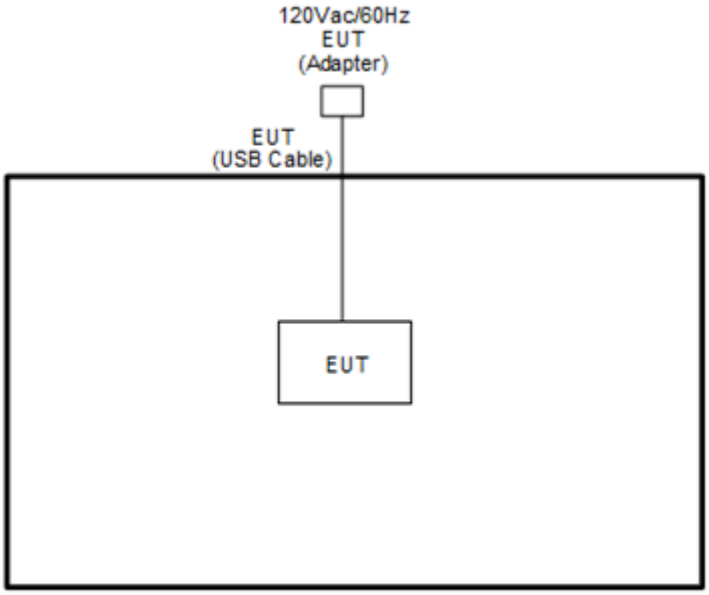
Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Wireless Earphone	Google	G1007/G1008	A4RG1007/ A4RG1008	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	KA2DIR628A2	N/A	Unshielded, 1.8 m
4.	Notebook	DELL	Latitude 3420	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 “CMD v.10.0.18362.1256” 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 Emission Bandwidth and 99% Occupied Bandwidth Measurement

3.1.1 Description of Emission Bandwidth and 99% Occupied Bandwidth

26dB and 99% Occupied bandwidth are reporting only.

The minimum 6 dB bandwidth shall be at least 500 kHz for the band 5.725-5.85 GHz.

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.

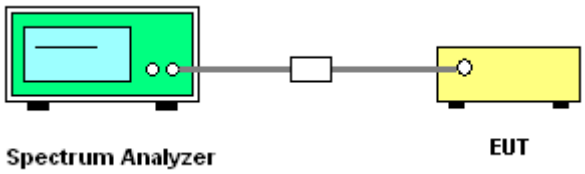
3.1.2 Measuring Instruments

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. For 6dB bandwidth measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 100 kHz and set the Video bandwidth (VBW) ≥ 3 * RBW. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
9. Measure and record the results in the test report.

3.1.4 Test Setup

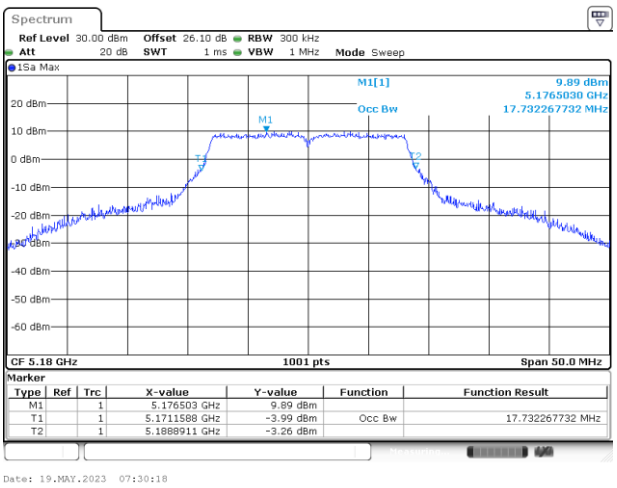
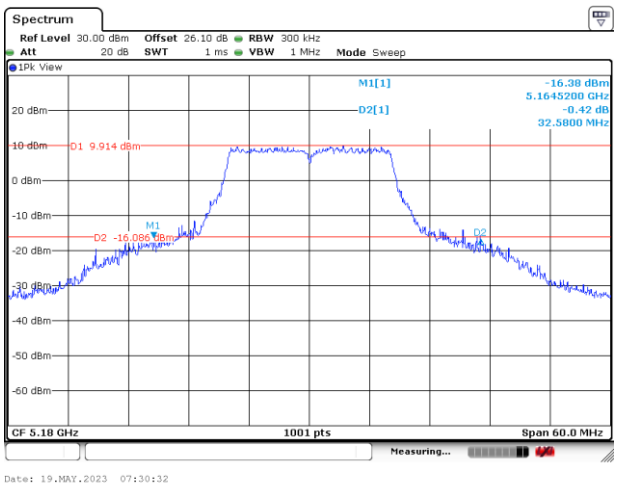
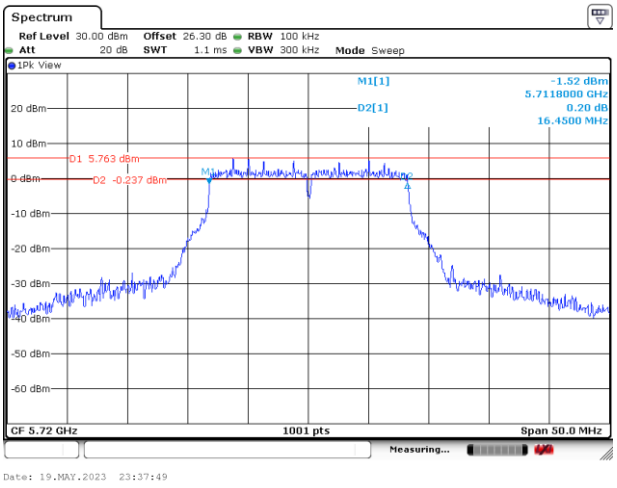


3.1.5 Test Result of Emission Bandwidth and 99% Occupied Bandwidth

Please refer to Appendix A.

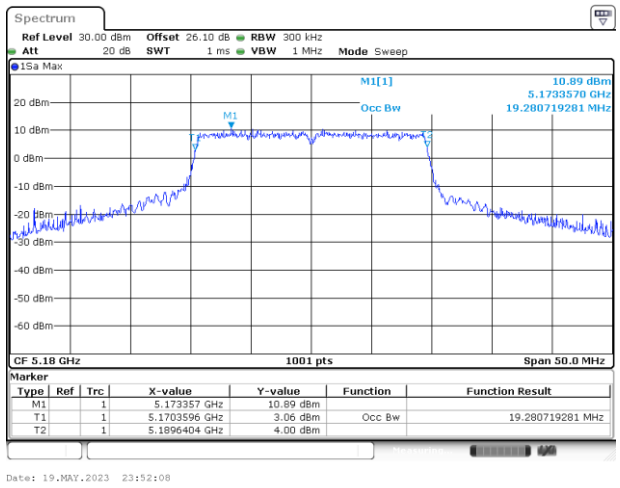
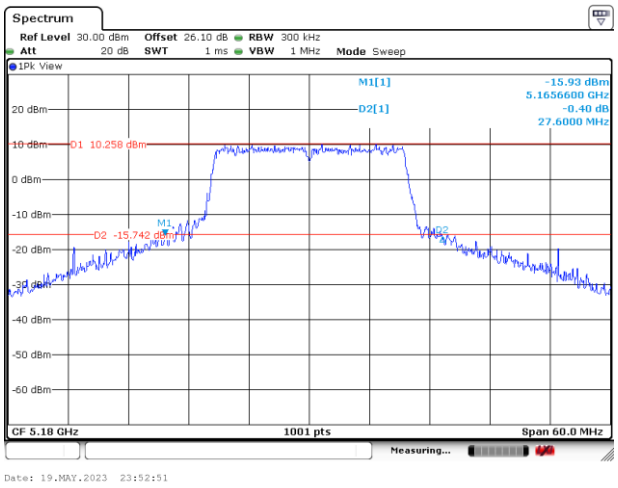
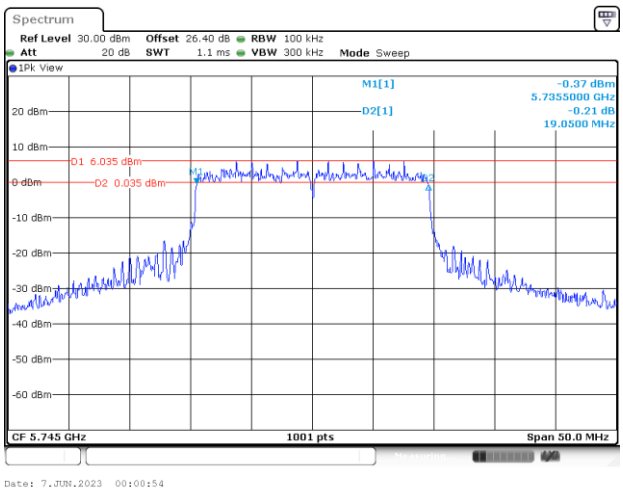
MIMO <Ant. 3+4>

<802.11a>

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

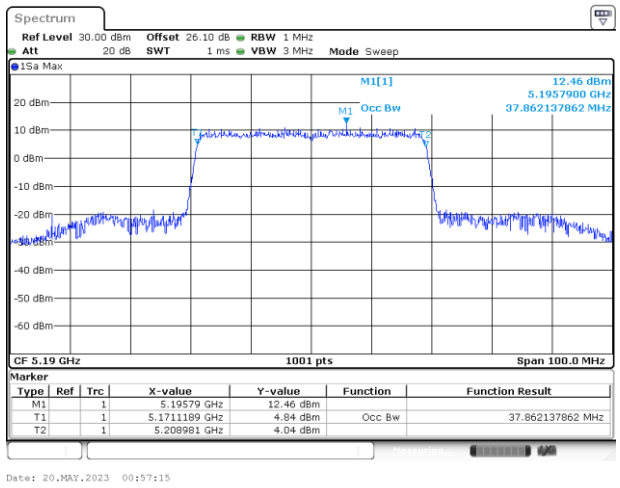
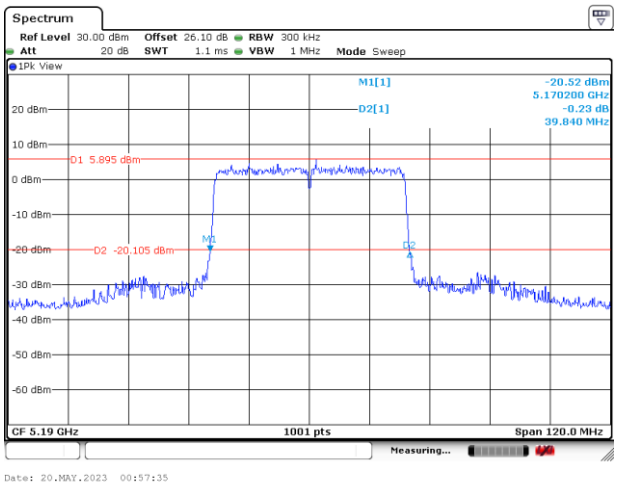
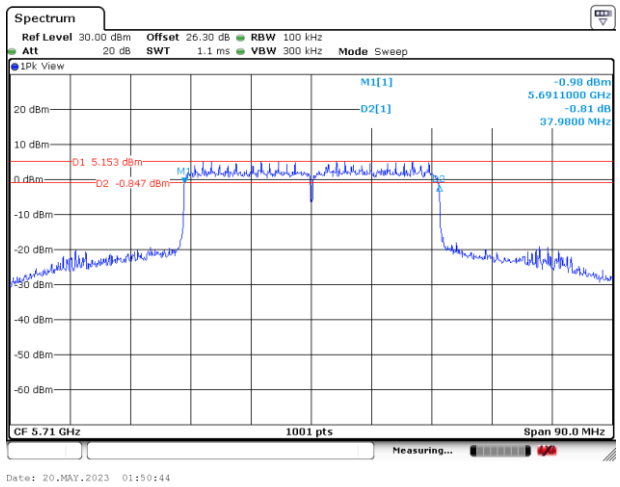
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT20>

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

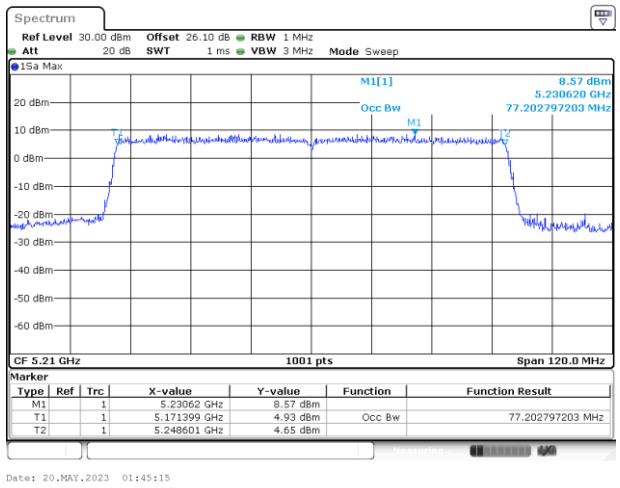
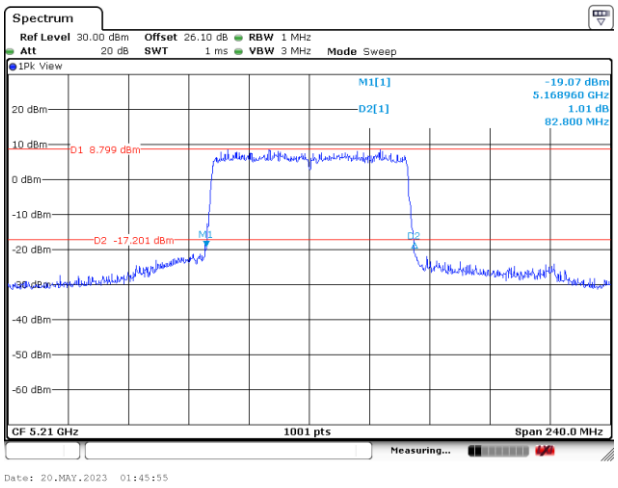
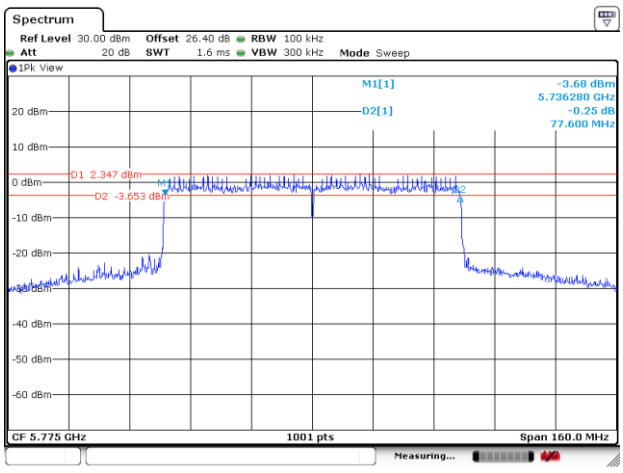
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT40>

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

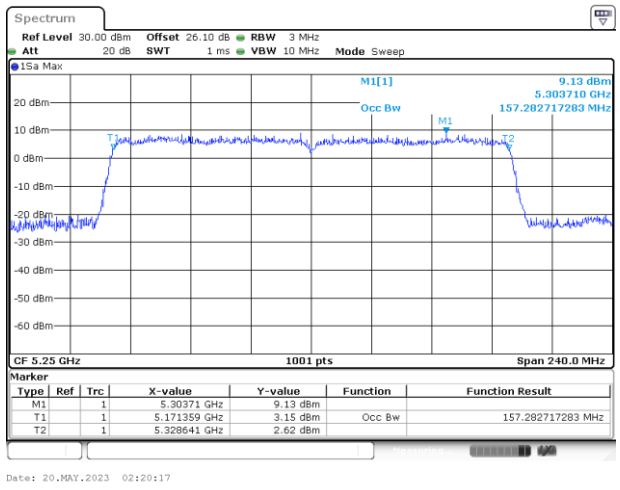
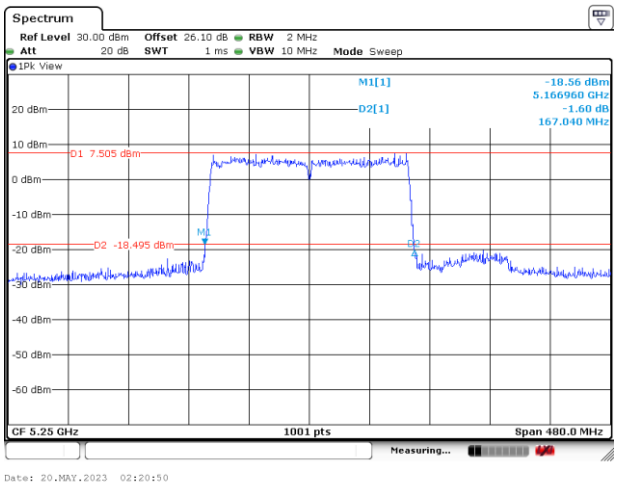
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11be EHT80>

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

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

<802.11be EHT160>

99% Occupied Bandwidth	26dB Bandwidth
	

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

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.

For the band 5.725–5.85 GHz:

■ the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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

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

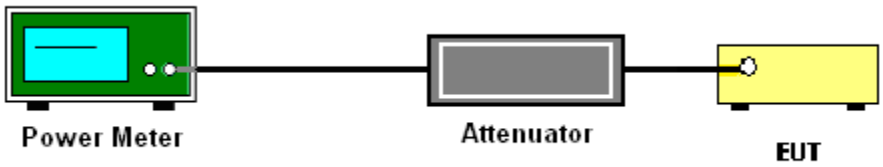
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

For the band 5.725–5.85 GHz:

The maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

For the band 5.15−5.25 GHz, 5.25−5.35 GHz, and 5.47−5.725 GHz:

 # 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.

For the band 5.725–5.85 GHz:

 # Method SA-2 #

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

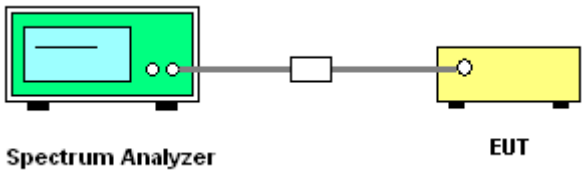
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300kHz.
- Set VBW ≥ 1 MHz.
- Add 10 log (500 kHz/RBW) to the measured result, whereas RBW (<500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

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

   Method (c): Measure and add 10 log(N_{ANT}) dB.

   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

3.3.4 Test Setup

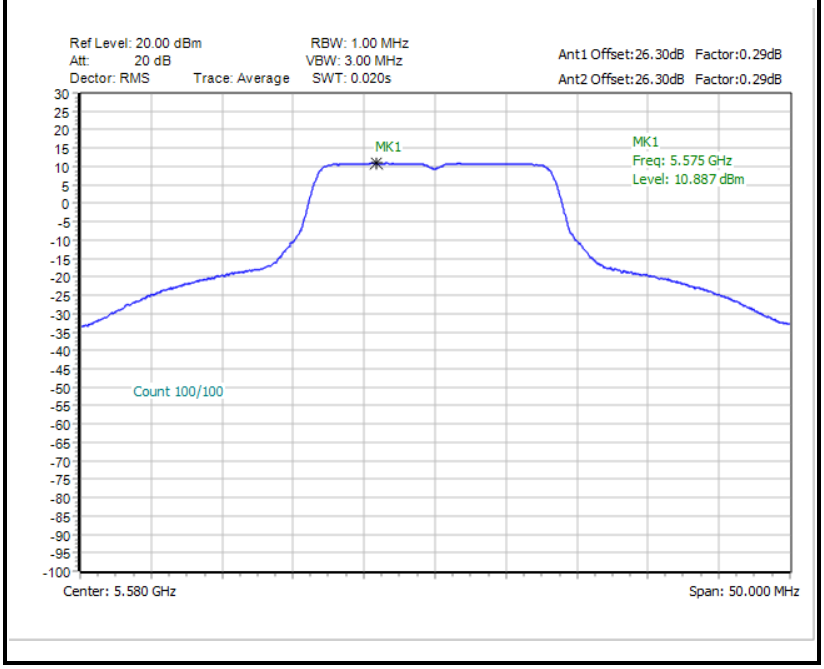


3.3.5 Test Result of Power Spectral Density

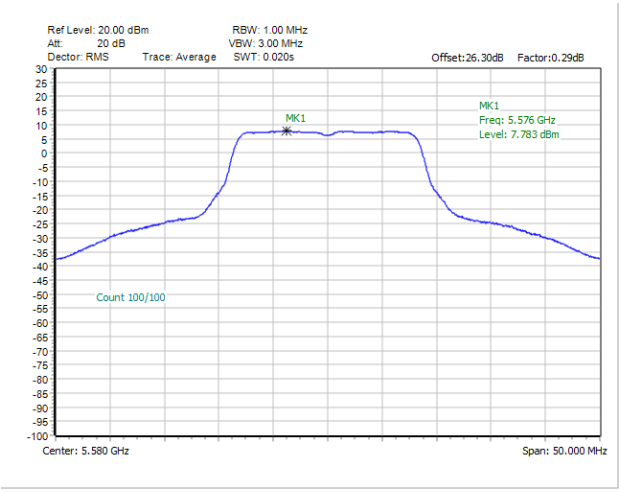
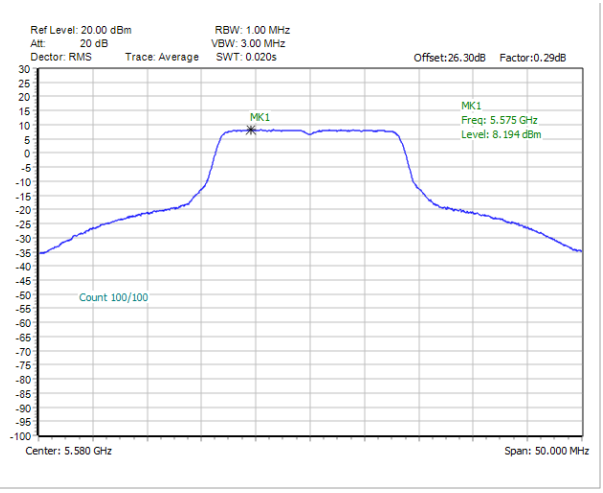
Please refer to Appendix A.

For the band 5.15−5.25 GHz, 5.25−5.35 GHz, and 5.47−5.725 GHz:

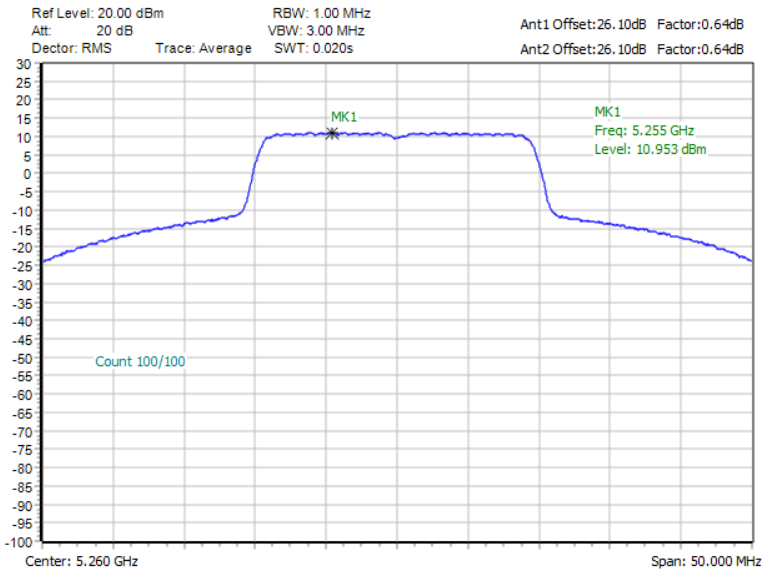
<802.11a>

Maximum Power Density Plot (dBm/MHz)


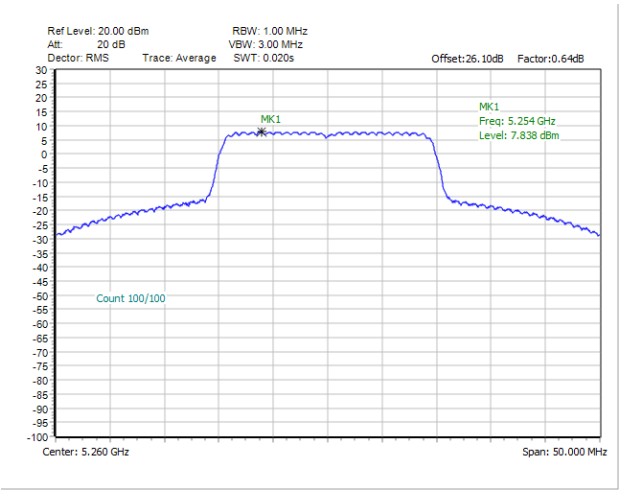
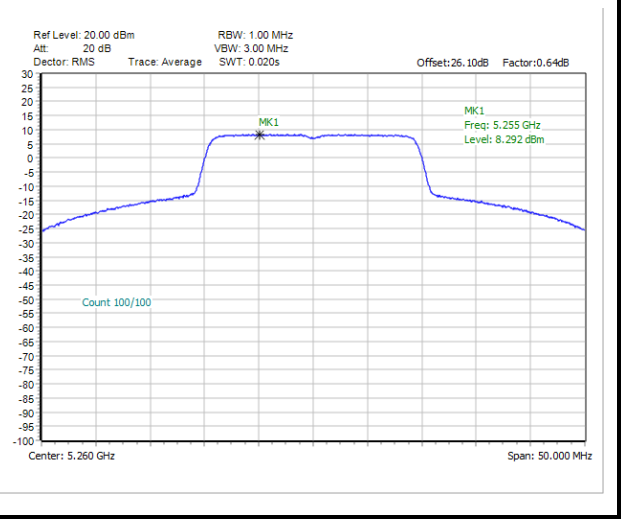
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

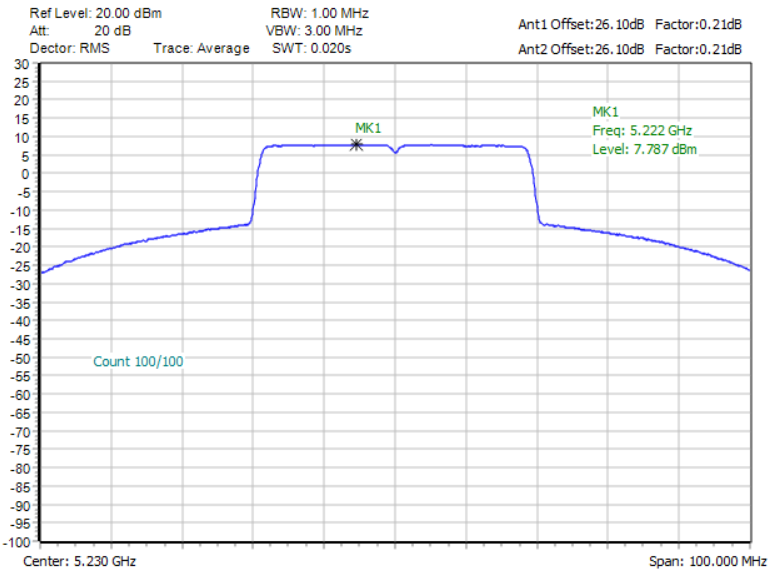
<802.11be EHT20>

Maximum Power Density Plot (dBm/MHz)


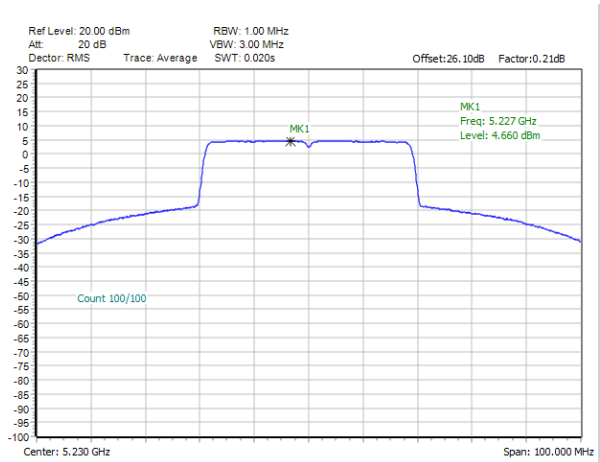
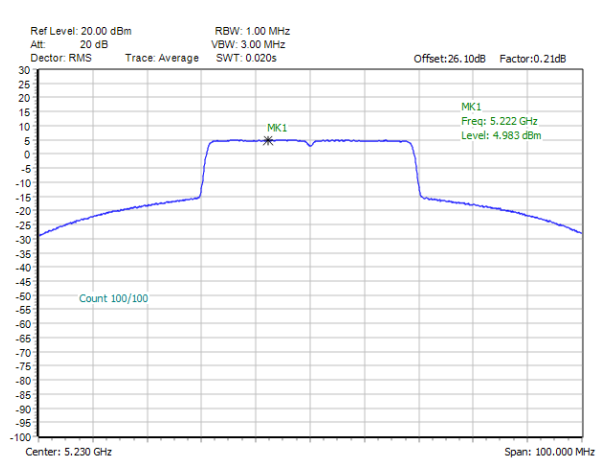
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

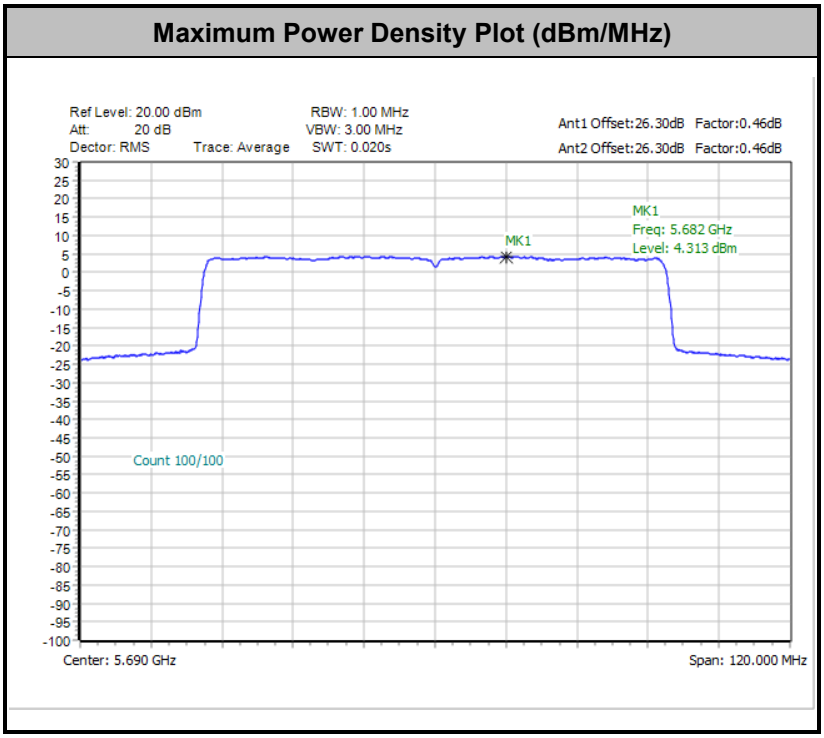
<802.11be EHT40>

Maximum Power Density Plot (dBm/MHz)


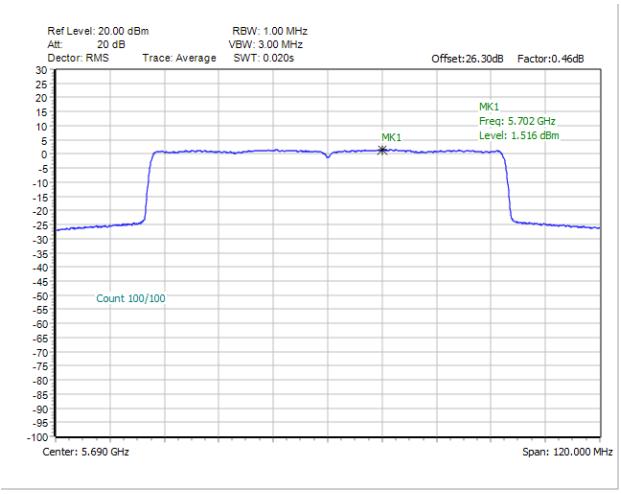
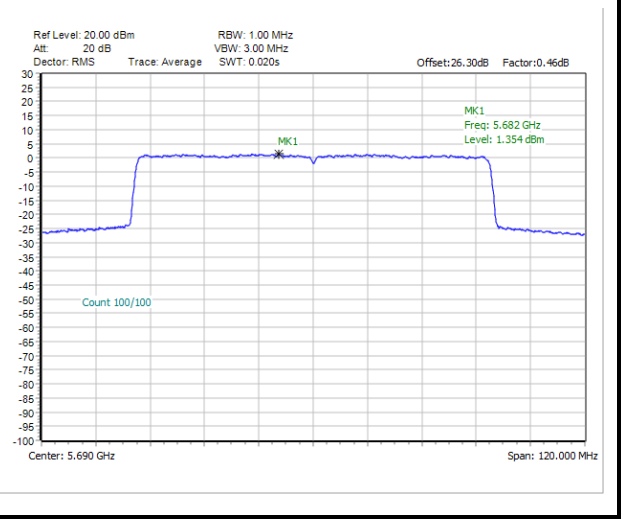
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

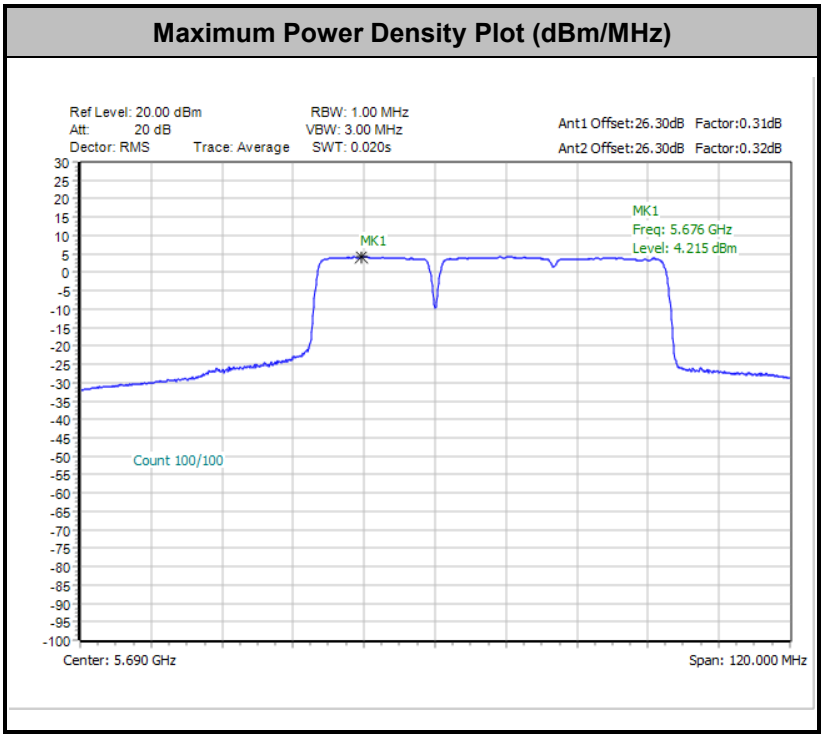
<802.11be EHT80>

Maximum Power Density Plot (dBm/MHz)


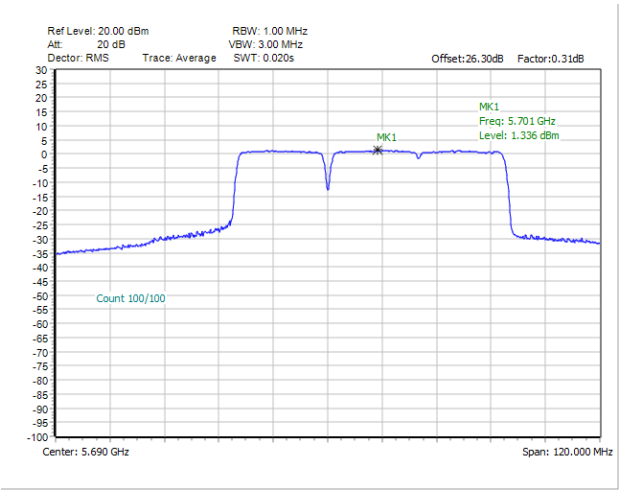
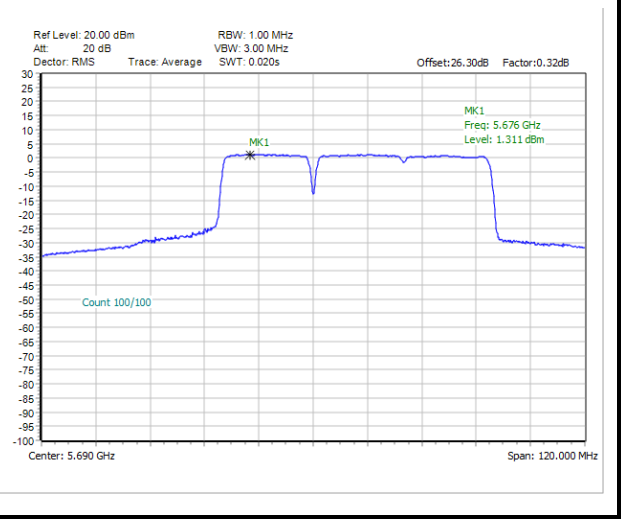
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

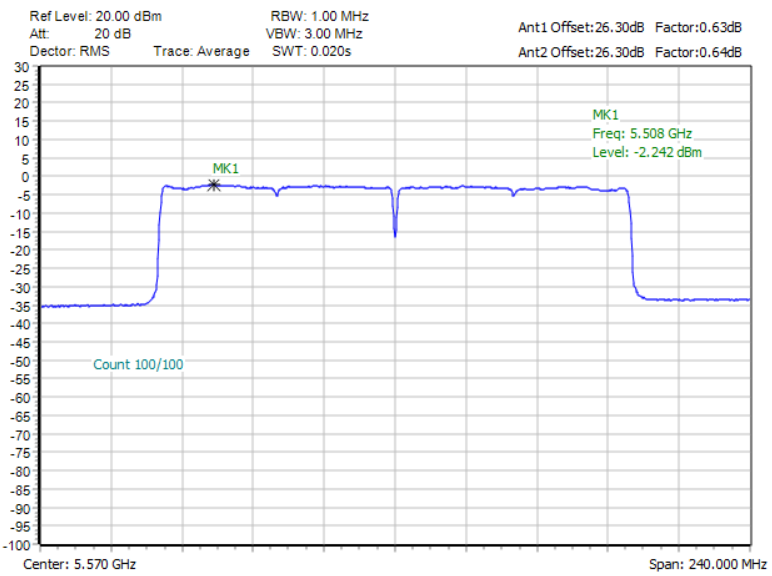
<802.11be EHT80 Puncture 20RU1>

Maximum Power Density Plot (dBm/MHz)


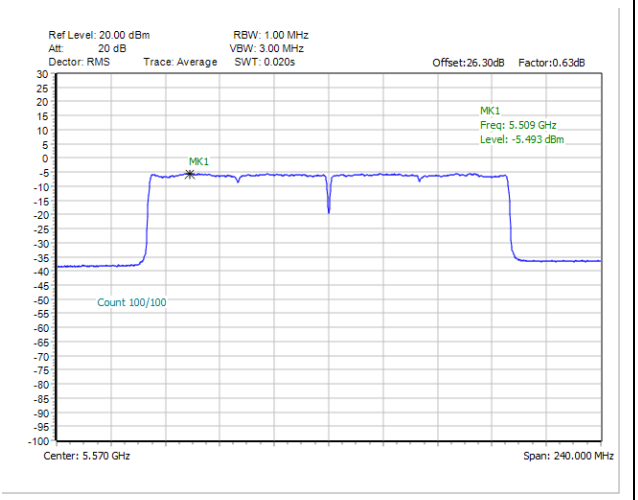
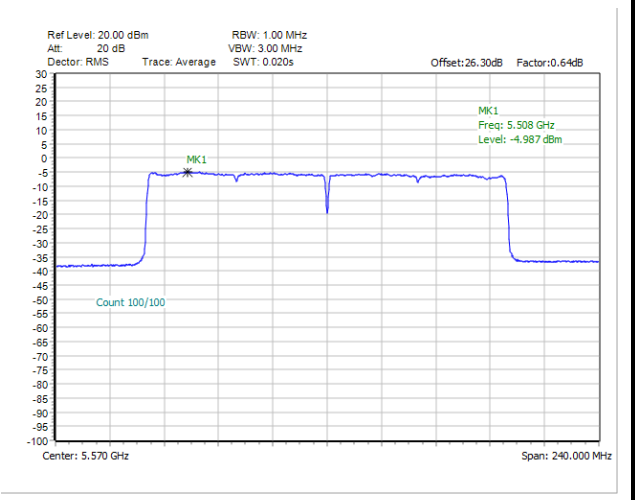
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

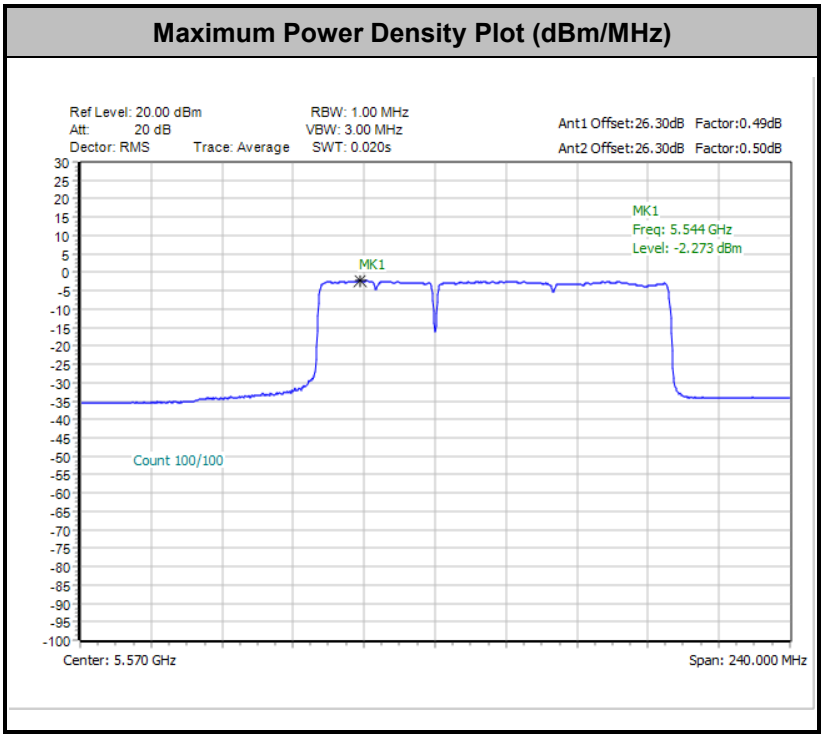
<802.11ax EHT160>

Maximum Power Density Plot (dBm/MHz)


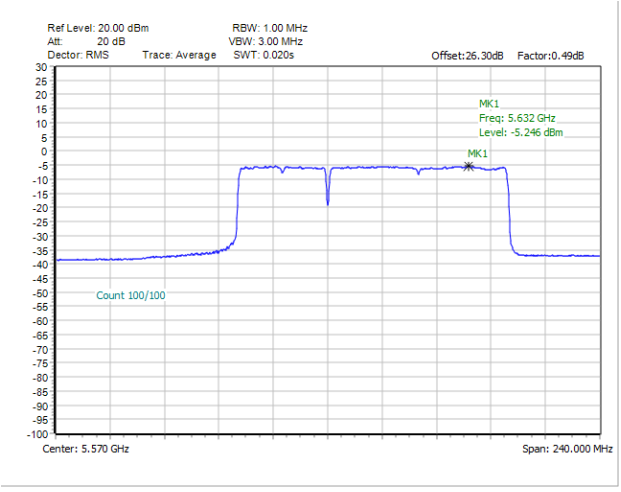
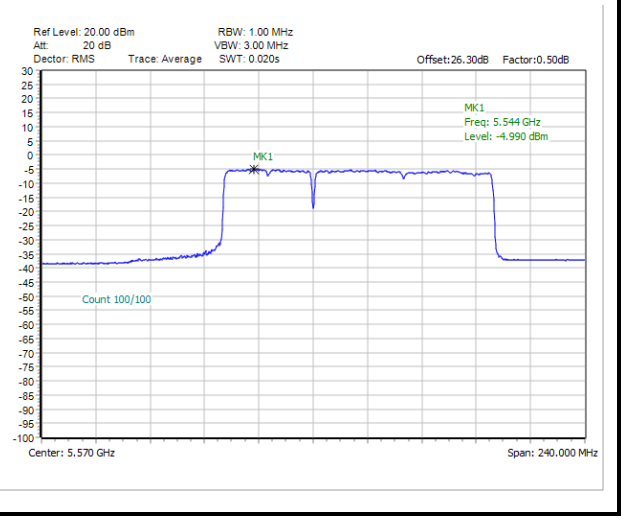
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

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

<802.11ax EHT160 Puncture 40RU3>

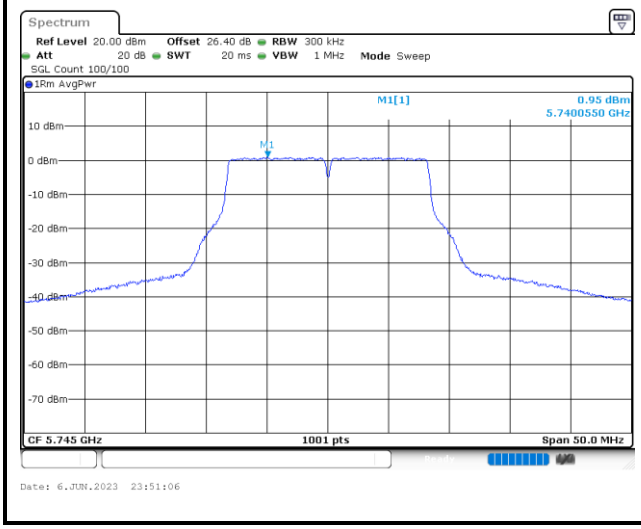
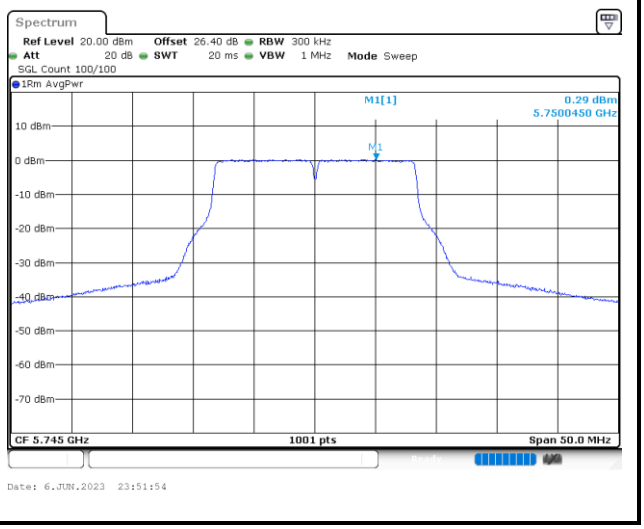
Maximum Power Density Plot (dBm/MHz)


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

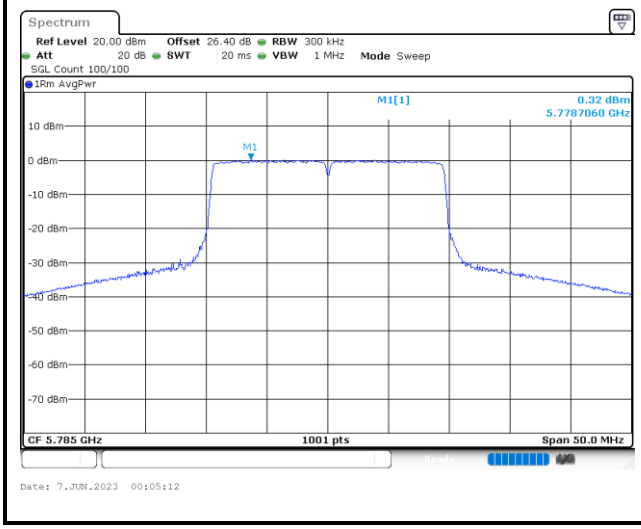
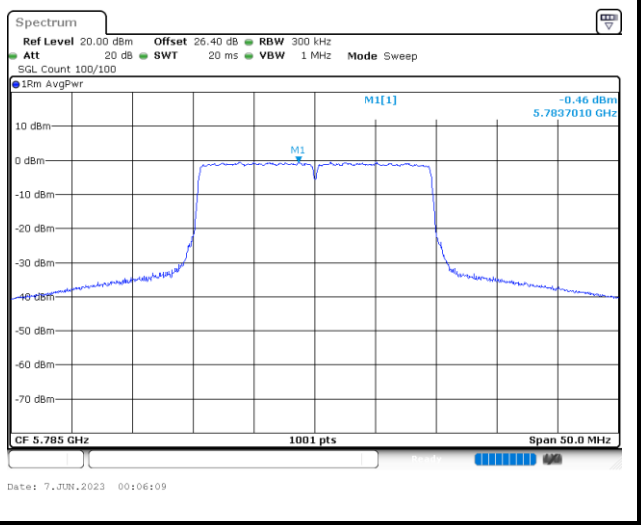
Maximum Power Density Plot Trace 1 (Ant 3)	Maximum Power Density Plot Trace 2 (Ant 4)
	

For the band 5.725–5.85 GHz:

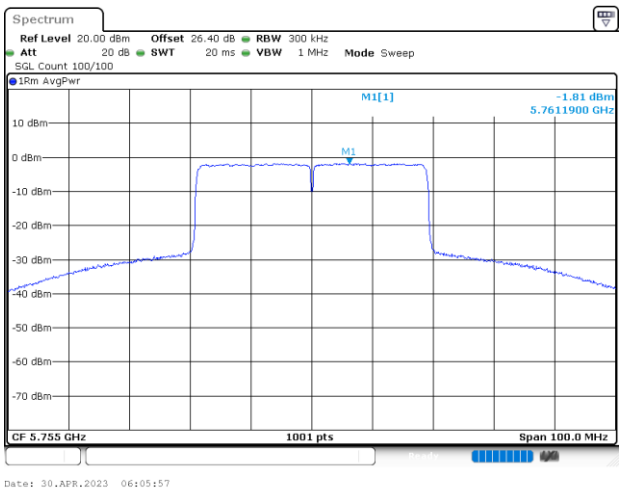
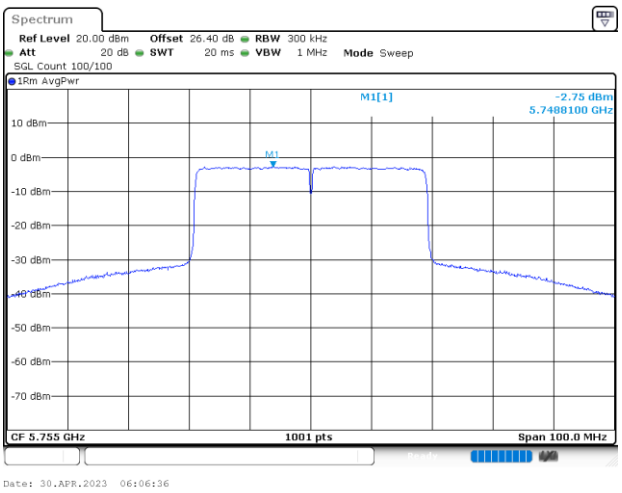
<802.11a>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 3	**MIMO Ant. 4**
	

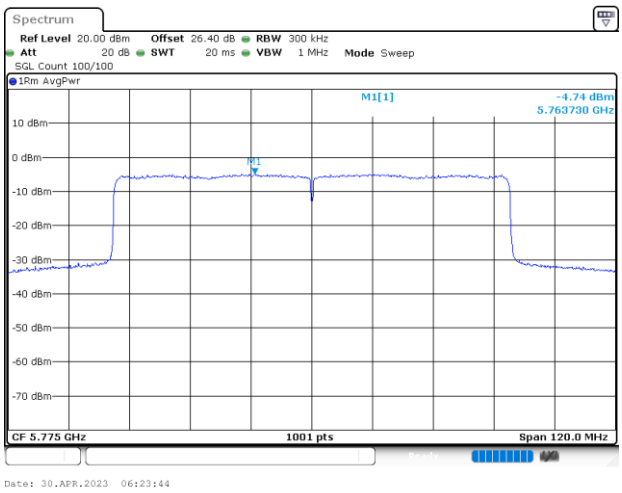
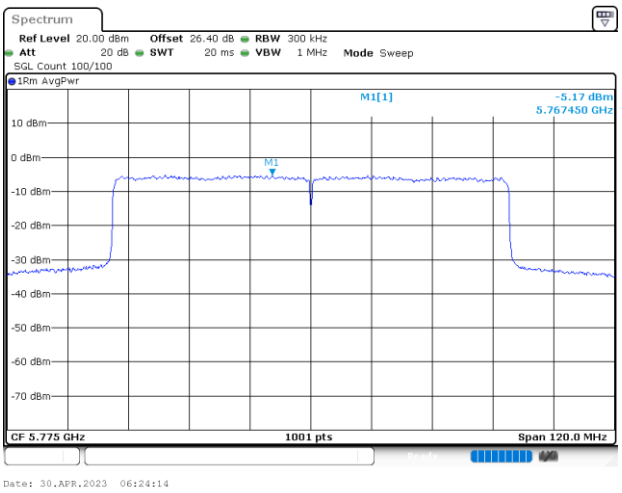
<802.11be EHT20>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 3	**MIMO Ant. 4**
	

<802.11be EHT40>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 3	**MIMO Ant. 4**
	

<802.11be EHT80>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 3	**MIMO Ant. 4**
	

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.

For transmitters operating in the 5.725-5.85 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

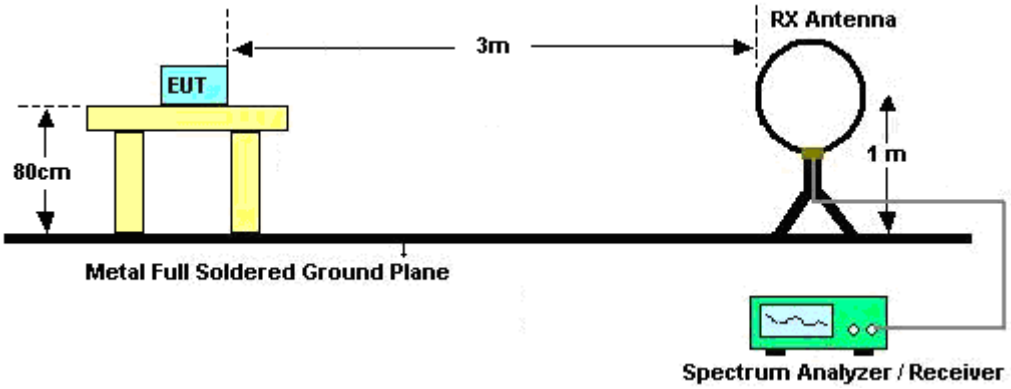
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

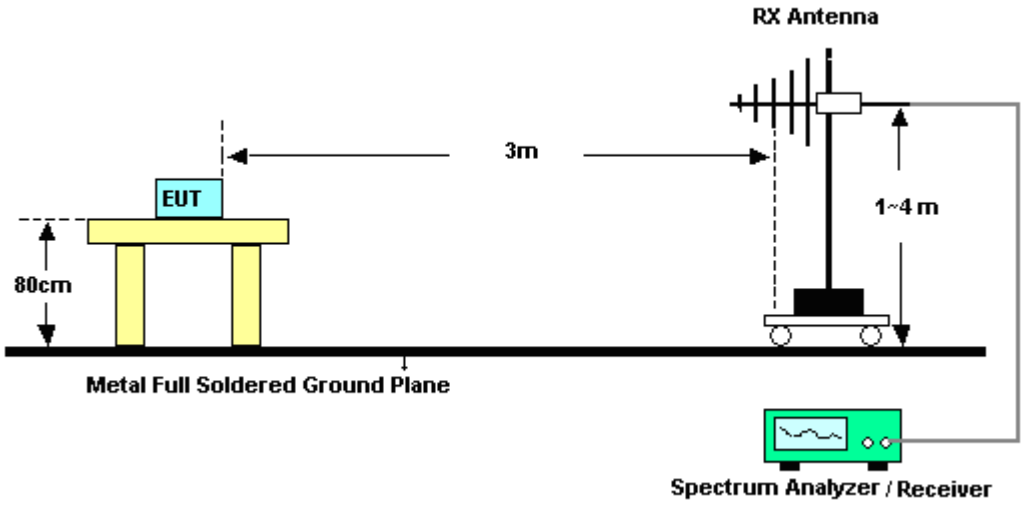
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

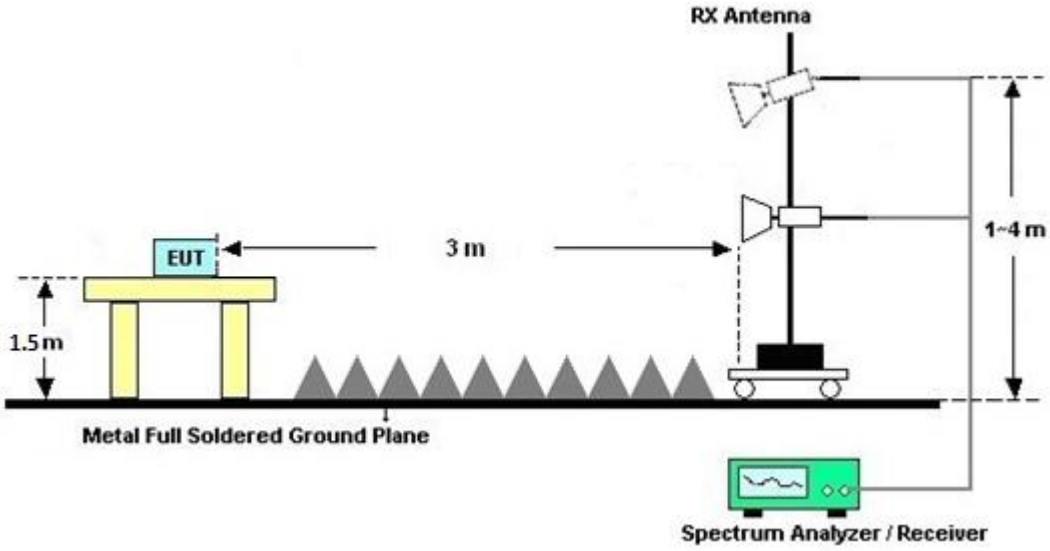
For radiated emissions below 30MHz



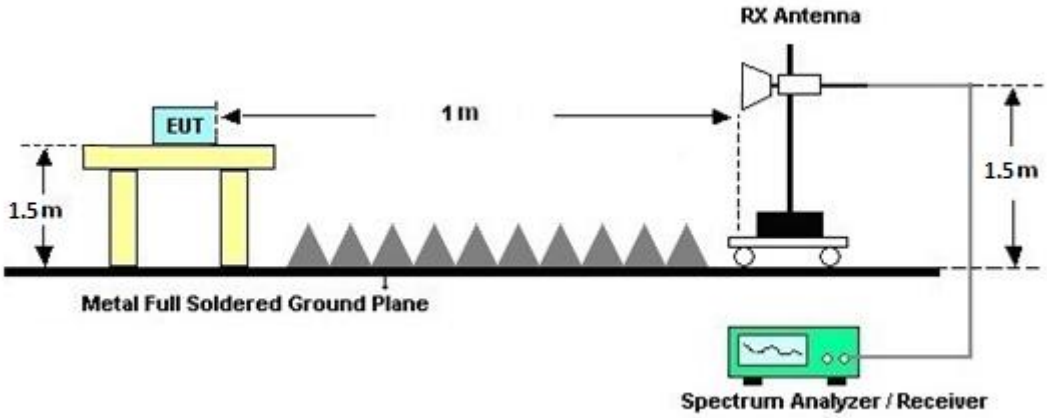
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

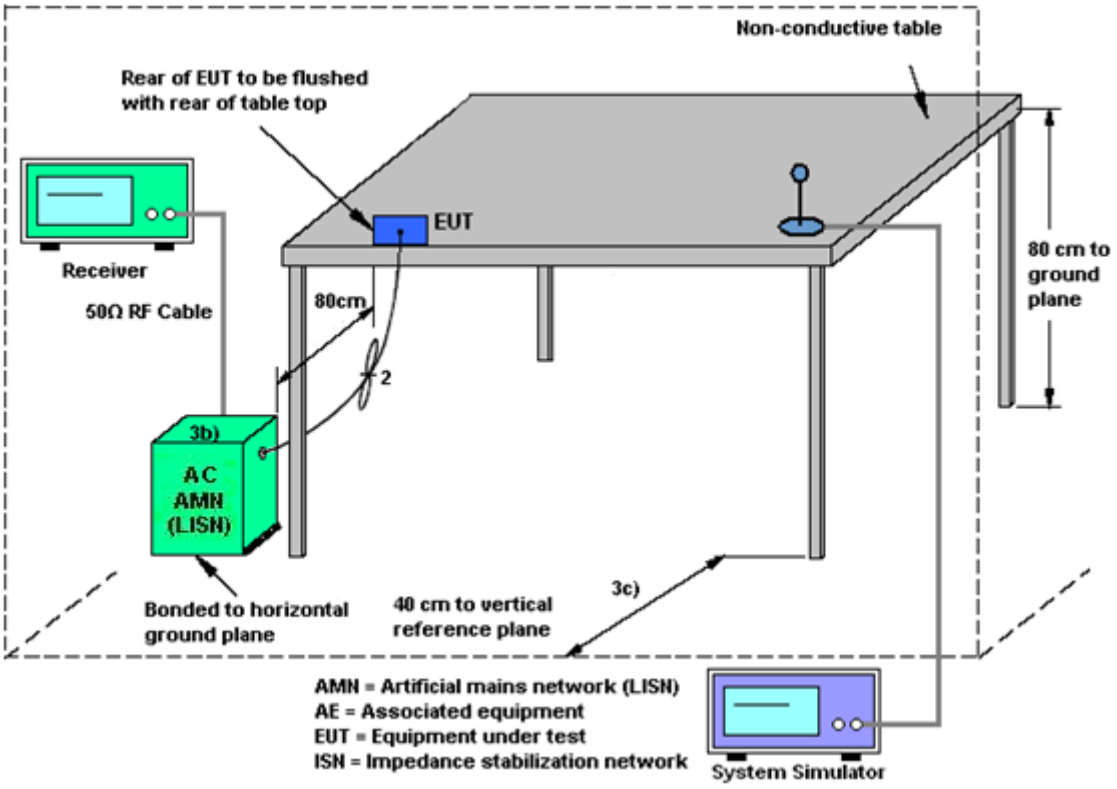
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	Feb. 20, 2023~ Jun. 08, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	Feb. 20, 2023~ Jun. 08, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Feb. 20, 2023~ Jun. 08, 2023	Aug. 02, 2023	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 17, 2023	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2022	May 17, 2023	Nov. 30, 2023	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 17, 2022	May 17, 2023	Nov. 16, 2023	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 17, 2022	May 17, 2023	Nov. 16, 2023	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	May 17, 2023	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Aug. 01, 2022	May 17, 2023	Jul. 31, 2023	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 29, 2022	May 17, 2023	Dec. 28, 2023	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Nov. 07, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Nov. 06, 2023	Radiation (03CH13-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Sep. 19, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Mar. 06, 2024	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Dec. 06, 2023	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 24, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Nov. 23, 2023	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 20, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Dec. 19, 2023	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 14, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Dec. 13, 2023	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	Apr. 16, 2023 ~ Apr. 22, 2023	Apr. 23, 2023	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 23, 2023	Apr. 23, 2023 ~ Jun. 07, 2023	Apr. 22, 2024	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Aug. 24, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Aug. 23, 2023	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101 800-30-10P	1590074	1GHz~18GHz	May 17, 2022	Apr. 16, 2023 ~ May 15, 2023	May 16, 2023	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101 800-30-10P	1590074	1GHz~18GHz	May 16, 2023	May 16, 2023~ Jun. 07, 2023	May 15, 2024	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Oct. 25, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Oct. 24, 2023	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 23, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Mar. 22, 2024	Radiation (03CH13-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 13, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Sep. 12, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN2	3GHz High Pass Filter	Jul. 11, 2022	Apr. 16, 2023 ~ Jun. 07, 2023	Jul. 10, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN5	6.75GHz High Pass Filter	Mar. 09, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Mar. 08, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX6-7268-9200-26500-40CD	SN4	9GHz High Pass Filter	May 24, 2022	Apr. 16, 2023 ~ May 22, 2023	May 23, 2023	Radiation (03CH13-HY)
Filter	Wainwright	WHKX6-7268-9200-26500-40CD	SN4	9GHz High Pass Filter	May 23, 2023	May 23, 2023~ Jun. 07, 2023	May 22, 2024	Radiation (03CH13-HY)
Notch Filter	Wainwright	WRCQV14-5425-5825-6525-6925-60SS	SN1	N/A	Jan. 07, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Jan. 06, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 08, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Feb. 07, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 08, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Feb. 07, 2024	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 08, 2023	Apr. 16, 2023 ~ Jun. 07, 2023	Feb. 07, 2024	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 16, 2023 ~ Jun. 07, 2023	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 16, 2023 ~ Jun. 07, 2023	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 16, 2023 ~ Jun. 07, 2023	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Apr. 16, 2023 ~ Jun. 07, 2023	N/A	Radiation (03CH13-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.5 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))	**4.4 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.8 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.3 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	River Tsai/Derek Hsu	Temperature:	21~25	°C
Test Date:	2023/02/20~2023/06/06	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	17.73	18.03	32.58	32.52	-		22.49			
11a	6Mbps	2	44	5220	17.53	17.83	26.76	31.74	-		22.44		-	
11a	6Mbps	2	48	5240	17.78	18.08	29.82	33.54	-		22.50			

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	19.00	19.30	22.16	24.00		-2.00		-	Pass
11a	6Mbps	2	44	5220	19.20	19.70	22.47	24.00		-2.00			Pass
11a	6Mbps	2	48	5240	19.10	19.40	22.26	24.00		-2.00			Pass
HT20	MCS0	2	36	5180	18.20	18.50	21.36	24.00		-2.00			Pass
HT20	MCS0	2	44	5220	19.80	19.90	22.86	24.00		-2.00			Pass
HT20	MCS0	2	48	5240	19.50	19.80	22.66	24.00		-2.00			Pass
HT40	MCS0	2	38	5190	15.10	15.50	18.31	24.00		-2.00			Pass
HT40	MCS0	2	46	5230	19.60	19.90	22.76	24.00		-2.00			Pass
VHT20	MCS0	2	36	5180	18.30	18.60	21.46	24.00		-2.00			Pass
VHT20	MCS0	2	44	5220	19.80	19.90	22.86	24.00		-2.00			Pass
VHT20	MCS0	2	48	5240	19.50	19.80	22.66	24.00		-2.00			Pass
VHT40	MCS0	2	38	5190	15.10	15.30	18.21	24.00		-2.00			Pass
VHT40	MCS0	2	46	5230	19.60	19.90	22.76	24.00		-2.00			Pass
VHT80	MCS0	2	42	5210	15.90	16.00	18.96	24.00		-2.00			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	0.29	0.29	-		10.56	11.00		-0.48		-	Pass
11a	6Mbps	2	44	5220	0.29	0.29			10.68	11.00		-0.48			Pass
11a	6Mbps	2	48	5240	0.29	0.29			10.80	11.00		-0.48			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	17.63	17.78	28.44	31.50	23.46		29.46		23.98		-
11a	6Mbps	2	60	5300	17.63	17.63	28.74	35.46	23.46		29.46		23.98		
11a	6Mbps	2	64	5320	17.63	17.83	28.32	31.68	23.46		29.46		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	18.90	19.30	22.11	23.98		-2.00		30	Pass
11a	6Mbps	2	60	5300	18.90	19.10	22.01	23.98		-2.00		30	Pass
11a	6Mbps	2	64	5320	19.00	19.30	22.16	23.98		-2.00		30	Pass
HT20	MCS0	2	52	5260	19.60	19.60	22.61	23.98		-2.00		30	Pass
HT20	MCS0	2	60	5300	19.40	19.70	22.56	23.98		-2.00		30	Pass
HT20	MCS0	2	64	5320	17.50	17.90	20.71	23.98		-2.00		30	Pass
HT40	MCS0	2	54	5270	19.60	19.90	22.76	23.98		-2.00		30	Pass
HT40	MCS0	2	62	5310	13.70	14.00	16.86	23.98		-2.00		30	Pass
VHT20	MCS0	2	52	5260	19.60	19.50	22.56	23.98		-2.00		30	Pass
VHT20	MCS0	2	60	5300	19.40	19.80	22.61	23.98		-2.00		30	Pass
VHT20	MCS0	2	64	5320	17.60	17.80	20.71	23.98		-2.00		30	Pass
VHT40	MCS0	2	54	5270	19.60	19.90	22.76	23.98		-2.00		30	Pass
VHT40	MCS0	2	62	5310	13.70	14.00	16.86	23.98		-2.00		30	Pass
VHT80	MCS0	2	58	5290	16.10	16.30	19.21	23.98		-2.00		30	Pass
VHT160	MCS0	2	50	5250	14.60	14.40	17.51	23.98		-2.00		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	0.29	0.29	-		10.86	11.00		0.11		-	Pass
11a	6Mbps	2	60	5300	0.29	0.29			10.69	11.00		0.11			Pass
11a	6Mbps	2	64	5320	0.29	0.29			10.82	11.00		0.11			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	17.43	17.28	24.72	31.56	23.38		29.38		23.98		----	----
11a	6Mbps	2	116	5580	17.43	17.33	24.90	26.16	23.39		29.39		23.98		----	----
11a	6Mbps	2	140	5700	17.28	17.13	23.10	23.10	23.34		29.34		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	13.64	13.54	15.98	16.64	22.32		28.32		23.04		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	18.70	19.00	21.86	23.98		-0.40		30	Pass
11a	6Mbps	2	116	5580	18.80	19.30	22.07	23.98		-0.40		30	Pass
11a	6Mbps	2	140	5700	18.80	18.80	21.81	23.98		-0.40		30	Pass
HT20	MCS0	2	100	5500	19.50	19.90	22.71	23.98		-0.40		30	Pass
HT20	MCS0	2	116	5580	19.30	19.70	22.51	23.98		-0.40		30	Pass
HT20	MCS0	2	140	5700	16.90	17.10	20.01	23.98		-0.40		30	Pass
HT40	MCS0	2	102	5510	14.80	15.00	17.91	23.98		-0.40		30	Pass
HT40	MCS0	2	110	5550	19.60	19.80	22.71	23.98		-0.40		30	Pass
HT40	MCS0	2	134	5670	19.60	19.90	22.76	23.98		-0.40		30	Pass
VHT20	MCS0	2	100	5500	19.50	19.90	22.71	23.98		-0.40		30	Pass
VHT20	MCS0	2	116	5580	19.30	19.70	22.51	23.98		-0.40		30	Pass
VHT20	MCS0	2	140	5700	16.90	17.10	20.01	23.98		-0.40		30	Pass
VHT40	MCS0	2	102	5510	14.90	15.00	17.96	23.98		-0.40		30	Pass
VHT40	MCS0	2	110	5550	19.60	19.80	22.71	23.98		-0.40		30	Pass
VHT40	MCS0	2	134	5670	19.60	19.90	22.76	23.98		-0.40		30	Pass
VHT80	MCS0	2	106	5530	15.00	15.10	18.06	23.98		-0.40		30	Pass
VHT80	MCS0	2	122	5610	19.60	19.90	22.76	23.98		-0.40		30	Pass
VHT160	MCS0	2	114	5570	15.40	15.60	18.51	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	19.00	19.00	22.01	23.04		-0.40		30	Pass
HT20	MCS0	2	144	5720	19.20	19.20	22.21	23.37		-0.40		30	Pass
HT40	MCS0	2	142	5710	19.60	19.80	22.71	23.98		-0.40		30	Pass
VHT20	MCS0	2	144	5720	19.20	19.20	22.21	23.37		-0.40		30	Pass
VHT40	MCS0	2	142	5710	19.60	19.80	22.71	23.98		-0.40		30	Pass
VHT80	MCS0	2	138	5690	19.60	19.80	22.71	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	0.29	0.29	-		10.55	11.00		2.17		-	Pass
11a	6Mbps	2	116	5580	0.29	0.29			10.89	11.00		2.17			Pass
11a	6Mbps	2	140	5700	0.29	0.29			9.61	11.00		2.17			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	0.29	0.29	-		9.81	11.00		2.17		-	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	18.30	18.60	21.46	24.00		-2.00			Pass
HE20	MCS0	2	36	5180	26/0	9.90	9.50	12.71	24.00		-2.00			Pass
HE20	MCS0	2	36	5180	52/37	11.90	11.90	14.91	24.00		-2.00			Pass
HE20	MCS0	2	36	5180	106/53	15.20	15.20	18.21	24.00		-2.00			Pass
HE20	MCS0	2	44	5220	Full	19.80	19.90	22.86	24.00		-2.00			Pass
HE20	MCS0	2	44	5220	26/4	11.90	11.90	14.91	24.00		-2.00			Pass
HE20	MCS0	2	44	5220	52/38	13.80	13.70	16.76	24.00		-2.00			Pass
HE20	MCS0	2	44	5220	106/53	16.60	16.80	19.71	24.00		-2.00		-	Pass
HE20	MCS0	2	48	5240	Full	19.50	19.80	22.66	24.00		-2.00			Pass
HE20	MCS0	2	48	5240	26/8	11.30	11.30	14.31	24.00		-2.00			Pass
HE20	MCS0	2	48	5240	52/40	13.80	13.70	16.76	24.00		-2.00			Pass
HE20	MCS0	2	48	5240	106/54	16.80	16.80	19.81	24.00		-2.00			Pass
HE40	MCS0	2	38	5190	Full	15.10	15.50	18.31	24.00		-2.00			Pass
HE40	MCS0	2	46	5230	Full	19.60	19.90	22.76	24.00		-2.00			Pass
HE80	MCS0	2	42	5210	Full	15.80	16.30	19.07	24.00		-2.00			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	19.60	19.70	22.66	23.98		-2.00		30	Pass
HE20	MCS0	2	52	5260	26/0	11.50	11.50	14.51	23.98		-2.00		30	Pass
HE20	MCS0	2	52	5260	52/37	13.70	13.80	16.76	23.98		-2.00		30	Pass
HE20	MCS0	2	52	5260	106/53	16.80	16.80	19.81	23.98		-2.00		30	Pass
HE20	MCS0	2	60	5300	Full	19.60	19.60	22.61	23.98		-2.00		30	Pass
HE20	MCS0	2	60	5300	26/4	11.90	11.80	14.86	23.98		-2.00		30	Pass
HE20	MCS0	2	60	5300	52/38	13.80	13.70	16.76	23.98		-2.00		30	Pass
HE20	MCS0	2	60	5300	106/53	16.80	16.90	19.86	23.98		-2.00		30	Pass
HE20	MCS0	2	64	5320	Full	17.70	17.90	20.81	23.98		-2.00		30	Pass
HE20	MCS0	2	64	5320	26/8	8.10	8.10	11.11	23.98		-2.00		30	Pass
HE20	MCS0	2	64	5320	52/40	11.00	11.30	14.16	23.98		-2.00		30	Pass
HE20	MCS0	2	64	5320	106/54	14.20	14.30	17.26	23.98		-2.00		30	Pass
HE40	MCS0	2	54	5270	Full	19.60	19.90	22.76	23.98		-2.00		30	Pass
HE40	MCS0	2	62	5310	Full	13.90	14.20	17.06	23.98		-2.00		30	Pass
HE80	MCS0	2	58	5290	Full	16.50	16.60	19.56	23.98		-2.00		30	Pass
HE160	MCS0	2	50	5250	Full	14.80	14.60	17.71	23.98		-2.00		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	19.50	19.90	22.71	23.98		-0.40		30	Pass
HE20	MCS0	2	100	5500	26/0	11.10	11.10	14.11	23.98		-0.40		30	Pass
HE20	MCS0	2	100	5500	52/37	13.70	14.20	16.97	23.98		-0.40		30	Pass
HE20	MCS0	2	100	5500	106/53	16.30	16.80	19.57	23.98		-0.40		30	Pass
HE20	MCS0	2	116	5580	Full	19.30	19.70	22.51	23.98		-0.40		30	Pass
HE20	MCS0	2	116	5580	26/4	11.50	12.00	14.77	23.98		-0.40		30	Pass
HE20	MCS0	2	116	5580	52/38	13.30	13.60	16.46	23.98		-0.40		30	Pass
HE20	MCS0	2	116	5580	106/53	16.80	17.10	19.96	23.98		-0.40		30	Pass
HE20	MCS0	2	140	5700	Full	17.10	17.30	20.21	23.98		-0.40		30	Pass
HE20	MCS0	2	140	5700	26/8	7.60	8.40	11.03	23.98		-0.40		30	Pass
HE20	MCS0	2	140	5700	52/40	10.60	10.60	13.61	23.98		-0.40		30	Pass
HE20	MCS0	2	140	5700	106/54	13.90	13.90	16.91	23.98		-0.40		30	Pass
HE40	MCS0	2	102	5510	Full	14.90	15.20	18.06	23.98		-0.40		30	Pass
HE40	MCS0	2	110	5550	Full	19.60	19.80	22.71	23.98		-0.40		30	Pass
HE40	MCS0	2	134	5670	Full	19.60	19.90	22.76	23.98		-0.40		30	Pass
HE80	MCS0	2	106	5530	Full	15.10	15.20	18.16	23.98		-0.40		30	Pass
HE80	MCS0	2	122	5610	Full	19.60	19.90	22.76	23.98		-0.40		30	Pass
HE160	MCS0	2	114	5570	Full	15.50	15.70	18.61	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	19.20	19.20	22.21	23.37		-0.40		30	Pass
HE20	MCS0	2	144	5720	26/8	10.10	10.20	13.16	23.37		-0.40		30	Pass
HE20	MCS0	2	144	5720	52/40	12.70	12.90	15.81	23.37		-0.40		30	Pass
HE20	MCS0	2	144	5720	106/54	16.10	16.10	19.11	23.37		-0.40		30	Pass
HE40	MCS0	2	142	5710	Full	19.60	19.80	22.71	23.98		-0.40		30	Pass
HE80	MCS0	2	138	5690	Full	19.60	19.80	22.71	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	19.28	19.38	27.60	30.54	-		22.85		-	-
EHT20	MCS0	2	44	5220	Full	19.53	20.08	34.68	43.32	-		22.91			
EHT20	MCS0	2	48	5240	Full	19.48	19.88	36.66	37.62	-		22.90			
EHT40	MCS0	2	38	5190	Full	37.86	37.96	39.84	39.96	-		23.01			
EHT40	MCS0	2	46	5230	Full	38.46	39.36	71.04	75.36	-		23.01			
EHT80	MCS0	2	42	5210	Full	77.20	77.32	82.80	82.80	-		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	18.50	18.80	21.66	24.00		-2.00		-	Pass
EHT20	MCS0	2	36	5180	26/0	10.00	9.70	12.86	24.00		-2.00			Pass
EHT20	MCS0	2	36	5180	52/37	11.90	12.00	14.96	24.00		-2.00			Pass
EHT20	MCS0	2	36	5180	106/53	15.10	15.40	18.26	24.00		-2.00			Pass
EHT20	MCS0	2	36	5180	52T+26T/70	13.80	13.90	16.86	24.00		-2.00			Pass
EHT20	MCS0	2	36	5180	106T+26T/82	16.10	16.30	19.21	24.00		-2.00			Pass
EHT20	MCS0	2	44	5220	Full	19.90	20.00	22.96	24.00		-2.00			Pass
EHT20	MCS0	2	44	5220	26/4	12.00	11.90	14.96	24.00		-2.00			Pass
EHT20	MCS0	2	44	5220	52/38	13.80	13.90	16.86	24.00		-2.00			Pass
EHT20	MCS0	2	44	5220	106/53	16.70	16.80	19.76	24.00		-2.00			Pass
EHT20	MCS0	2	44	5220	52T+26T/71	15.50	15.50	18.51	24.00		-2.00			Pass
EHT20	MCS0	2	44	5220	106T+26T/83	17.80	17.80	20.81	24.00		-2.00			Pass
EHT20	MCS0	2	48	5240	Full	19.60	19.90	22.76	24.00		-2.00			Pass
EHT20	MCS0	2	48	5240	26/8	11.50	11.20	14.36	24.00		-2.00			Pass
EHT20	MCS0	2	48	5240	52/40	13.80	13.90	16.86	24.00		-2.00			Pass
EHT20	MCS0	2	48	5240	106/54	16.80	16.90	19.86	24.00		-2.00			Pass
EHT20	MCS0	2	48	5240	52T+26T/72	15.60	15.70	18.66	24.00		-2.00			Pass
EHT20	MCS0	2	48	5240	106T+26T/83	17.90	17.90	20.91	24.00		-2.00			Pass
EHT40	MCS0	2	38	5190	Full	15.40	15.70	18.56	24.00		-2.00			Pass
EHT40	MCS0	2	46	5230	Full	19.70	20.00	22.86	24.00		-2.00			Pass
EHT80	MCS0	2	42	5210	Full	15.90	16.40	19.17	24.00		-2.00			Pass
EHT80	MCS0	2	42	5210	Punture 20/8	14.50	14.80	17.66	24.00		-2.00			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	0.64	0.64			9.10	11.00		-0.48			Pass
EHT20	MCS0	2	36	5180	26/0	0.48	0.48			8.81	11.00		-0.48			Pass
EHT20	MCS0	2	36	5180	52/37	0.56	0.53			8.77	11.00		-0.48			Pass
EHT20	MCS0	2	36	5180	106/53	0.56	0.59			8.80	11.00		-0.48			Pass
EHT20	MCS0	2	36	5180	52T+26T/70	0.26	0.24			8.84	11.00		-0.48			Pass
EHT20	MCS0	2	36	5180	106T+26T/82	0.40	0.40			8.97	11.00		-0.48			Pass
EHT20	MCS0	2	44	5220	Full	0.64	0.64			10.87	11.00		-0.48			Pass
EHT20	MCS0	2	44	5220	26/4	0.48	0.48			10.63	11.00		-0.48			Pass
EHT20	MCS0	2	44	5220	52/38	0.56	0.53			10.74	11.00		-0.48			Pass
EHT20	MCS0	2	44	5220	106/53	0.56	0.59			10.58	11.00		-0.48			Pass
EHT20	MCS0	2	44	5220	52T+26T/71	0.26	0.24			10.65	11.00		-0.48			Pass
EHT20	MCS0	2	44	5220	106T+26T/83	0.40	0.40			10.79	11.00		-0.48			Pass
EHT20	MCS0	2	48	5240	Full	0.64	0.64			10.95	11.00		-0.48			Pass
EHT20	MCS0	2	48	5240	26/8	0.48	0.48			10.60	11.00		-0.48			Pass
EHT20	MCS0	2	48	5240	52/40	0.56	0.53			10.85	11.00		-0.48			Pass
EHT20	MCS0	2	48	5240	106/54	0.56	0.59			10.73	11.00		-0.48			Pass
EHT20	MCS0	2	48	5240	52T+26T/72	0.26	0.24			10.68	11.00		-0.48			Pass
EHT20	MCS0	2	48	5240	106T+26T/83	0.40	0.40			10.81	11.00		-0.48			Pass
EHT40	MCS0	2	38	5190	Full	0.21	0.21			3.04	11.00		-0.48			Pass
EHT40	MCS0	2	46	5230	Full	0.21	0.21			7.79	11.00		-0.48			Pass
EHT80	MCS0	2	42	5210	Full	0.46	0.46			1.05	11.00		-0.48			Pass
EHT80	MCS0	2	42	5210	Punture 20/8	0.31	0.32			0.75	11.00		-0.48			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	19.48	19.53	36.24	37.62	23.90		29.90		23.98		
EHT20	MCS0	2	60	5300	Full	19.48	19.63	32.40	33.12	23.90		29.90		23.98		
EHT20	MCS0	2	64	5320	Full	19.23	19.23	26.82	24.60	23.84		29.84		23.98		
EHT40	MCS0	2	54	5270	Full	38.56	38.96	62.04	75.24	23.98		30.00		23.98		-
EHT40	MCS0	2	62	5310	Full	37.86	37.86	40.20	39.96	23.98		30.00		23.98		
EHT80	MCS0	2	58	5290	Full	77.32	77.32	82.32	82.32	23.98		30.00		23.98		
EHT160	MCS0	2	50	5250	Full	157.28	157.52	167.04	167.52	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	19.70	19.80	22.76	23.98		-2.00		30	Pass
EHT20	MCS0	2	52	5260	26/0	11.70	11.50	14.61	23.98		-2.00		30	Pass
EHT20	MCS0	2	52	5260	52/37	13.70	13.90	16.81	23.98		-2.00		30	Pass
EHT20	MCS0	2	52	5260	106/53	16.80	16.90	19.86	23.98		-2.00		30	Pass
EHT20	MCS0	2	52	5260	52T+26T/70	15.50	15.70	18.61	23.98		-2.00		30	Pass
EHT20	MCS0	2	52	5260	106T+26T/82	17.80	17.90	20.86	23.98		-2.00		30	Pass
EHT20	MCS0	2	60	5300	Full	19.50	19.90	22.71	23.98		-2.00		30	Pass
EHT20	MCS0	2	60	5300	26/4	11.90	11.90	14.91	23.98		-2.00		30	Pass
EHT20	MCS0	2	60	5300	52/38	13.80	13.80	16.81	23.98		-2.00		30	Pass
EHT20	MCS0	2	60	5300	106/53	16.80	17.00	19.91	23.98		-2.00		30	Pass
EHT20	MCS0	2	60	5300	52T+26T/71	15.50	15.50	18.51	23.98		-2.00		30	Pass
EHT20	MCS0	2	60	5300	106T+26T/83	17.50	17.60	20.56	23.98		-2.00		30	Pass
EHT20	MCS0	2	64	5320	Full	17.80	18.10	20.96	23.98		-2.00		30	Pass
EHT20	MCS0	2	64	5320	26/8	8.30	8.20	11.26	23.98		-2.00		30	Pass
EHT20	MCS0	2	64	5320	52/40	11.00	11.40	14.21	23.98		-2.00		30	Pass
EHT20	MCS0	2	64	5320	106/54	14.10	14.50	17.31	23.98		-2.00		30	Pass
EHT20	MCS0	2	64	5320	52T+26T/72	12.40	12.60	15.51	23.98		-2.00		30	Pass
EHT20	MCS0	2	64	5320	106T+26T/83	15.00	15.10	18.06	23.98		-2.00		30	Pass
EHT40	MCS0	2	54	5270	Full	19.70	20.00	22.86	23.98		-2.00		30	Pass
EHT40	MCS0	2	62	5310	Full	14.00	14.30	17.16	23.98		-2.00		30	Pass
EHT80	MCS0	2	58	5290	Full	16.50	16.70	19.61	23.98		-2.00		30	Pass
EHT80	MCS0	2	58	5290	Punture 20/1	15.10	15.40	18.26	23.98		-2.00		30	Pass
EHT160	MCS0	2	50	5250	Full	14.90	14.70	17.81	23.98		-2.00		30	Pass
EHT160	MCS0	2	50	5250	Punture40/192	13.40	13.10	16.26	23.98		-2.00		30	Pass
EHT160	MCS0	2	50	5250	Punture20/128	13.90	13.60	16.76	23.98		-2.00		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	0.64	0.64			10.95	11.00		0.11			Pass
EHT20	MCS0	2	52	5260	26/0	0.48	0.48			10.82	11.00		0.11			Pass
EHT20	MCS0	2	52	5260	52/37	0.56	0.53			10.54	11.00		0.11			Pass
EHT20	MCS0	2	52	5260	106/53	0.56	0.59			10.68	11.00		0.11			Pass
EHT20	MCS0	2	52	5260	52T+26T/70	0.26	0.24			10.74	11.00		0.11			Pass
EHT20	MCS0	2	52	5260	106T+26T/82	0.40	0.40			10.77	11.00		0.11			Pass
EHT20	MCS0	2	60	5300	Full	0.64	0.64			10.83	11.00		0.11			Pass
EHT20	MCS0	2	60	5300	26/4	0.48	0.48			10.64	11.00		0.11			Pass
EHT20	MCS0	2	60	5300	52/38	0.56	0.53			10.75	11.00		0.11			Pass
EHT20	MCS0	2	60	5300	106/53	0.56	0.59			10.74	11.00		0.11			Pass
EHT20	MCS0	2	60	5300	52T+26T/71	0.26	0.24			10.57	11.00		0.11			Pass
EHT20	MCS0	2	60	5300	106T+26T/83	0.40	0.40			10.82	11.00		0.11			Pass
EHT20	MCS0	2	64	5320	Full	0.64	0.64		-	8.39	11.00		0.11		-	Pass
EHT20	MCS0	2	64	5320	26/8	0.48	0.48			8.27	11.00		0.11			Pass
EHT20	MCS0	2	64	5320	52/40	0.56	0.53			8.21	11.00		0.11			Pass
EHT20	MCS0	2	64	5320	106/54	0.56	0.59			8.38	11.00		0.11			Pass
EHT20	MCS0	2	64	5320	52T+26T/72	0.26	0.24			8.01	11.00		0.11			Pass
EHT20	MCS0	2	64	5320	106T+26T/83	0.40	0.40			8.29	11.00		0.11			Pass
EHT40	MCS0	2	54	5270	Full	0.21	0.21			7.47	11.00		0.11			Pass
EHT40	MCS0	2	62	5310	Full	0.21	0.21			1.80	11.00		0.11			Pass
EHT80	MCS0	2	58	5290	Full	0.46	0.46			1.58	11.00		0.11			Pass
EHT80	MCS0	2	58	5290	Punture 20/1	0.31	0.32			1.44	11.00		0.11			Pass
EHT160	MCS0	2	50	5250	Full	0.63	0.64			-3.31	11.00		0.11			Pass
EHT160	MCS0	2	50	5250	Punture40/192	0.49	0.50			-3.39	11.00		0.11			Pass
EHT160	MCS0	2	50	5250	Punture20/128	0.57	0.56			-3.52	11.00		0.11			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	19.43	19.43	27.78	32.28	23.88		29.88		23.98		----	----
EHT20	MCS0	2	116	5580	Full	19.38	19.38	30.00	30.30	23.87		29.87		23.98		----	----
EHT20	MCS0	2	140	5700	Full	19.23	19.23	23.22	22.68	23.84		29.84		23.98		----	----
EHT40	MCS0	2	102	5510	Full	37.96	37.86	40.20	40.32	23.98		30.00		23.98		----	----
EHT40	MCS0	2	110	5550	Full	38.36	38.46	49.68	60.12	23.98		30.00		23.98		----	----
EHT40	MCS0	2	134	5670	Full	38.46	38.46	49.68	54.36	23.98		30.00		23.98		----	----
EHT80	MCS0	2	106	5530	Full	77.44	77.20	82.56	82.80	23.98		30.00		23.98		----	----
EHT80	MCS0	2	122	5610	Full	77.56	77.44	112.08	108.96	23.98		30.00		23.98		----	----
EHT160	MCS0	2	114	5570	Full	157.04	157.52	167.04	167.52	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	14.64	14.54	18.62	17.24	22.63		28.63		23.37		4.55	4.55
EHT40	MCS0	2	142	5710	Full	34.18	34.08	42.12	48.72	23.98		30.00		23.98		4.08	3.9
EHT80	MCS0	2	138	5690	Full	73.72	73.72	92.36	101.00	23.98		30.00		23.98		3.88	3.88

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	19.60	20.00	22.81	23.98		-0.40		30	Pass
EHT20	MCS0	2	100	5500	26/0	11.00	11.30	14.16	23.98		-0.40		30	Pass
EHT20	MCS0	2	100	5500	52/37	13.70	14.30	17.02	23.98		-0.40		30	Pass
EHT20	MCS0	2	100	5500	106/53	16.50	17.00	19.77	23.98		-0.40		30	Pass
EHT20	MCS0	2	100	5500	52T+26T/70	15.40	15.80	18.61	23.98		-0.40		30	Pass
EHT20	MCS0	2	100	5500	106T+26T/82	17.70	17.90	20.81	23.98		-0.40		30	Pass
EHT20	MCS0	2	116	5580	Full	19.40	19.80	22.61	23.98		-0.40		30	Pass
EHT20	MCS0	2	116	5580	26/4	11.60	12.00	14.81	23.98		-0.40		30	Pass
EHT20	MCS0	2	116	5580	52/38	13.30	13.70	16.51	23.98		-0.40		30	Pass
EHT20	MCS0	2	116	5580	106/53	16.80	17.20	20.01	23.98		-0.40		30	Pass
EHT20	MCS0	2	116	5580	52T+26T/71	15.50	15.60	18.56	23.98		-0.40		30	Pass
EHT20	MCS0	2	116	5580	106T+26T/83	17.70	18.00	20.86	23.98		-0.40		30	Pass
EHT20	MCS0	2	140	5700	Full	17.20	17.40	20.31	23.98		-0.40		30	Pass
EHT20	MCS0	2	140	5700	26/8	7.60	8.50	11.08	23.98		-0.40		30	Pass
EHT20	MCS0	2	140	5700	52/40	10.60	10.70	13.66	23.98		-0.40		30	Pass
EHT20	MCS0	2	140	5700	106/54	13.90	14.00	16.96	23.98		-0.40		30	Pass
EHT20	MCS0	2	140	5700	52T+26T/72	12.70	12.50	15.61	23.98		-0.40		30	Pass
EHT20	MCS0	2	140	5700	106T+26T/83	14.80	15.00	17.91	23.98		-0.40		30	Pass
EHT40	MCS0	2	102	5510	Full	15.20	15.20	18.21	23.98		-0.40		30	Pass
EHT40	MCS0	2	110	5550	Full	19.70	19.90	22.81	23.98		-0.40		30	Pass
EHT40	MCS0	2	134	5670	Full	19.70	20.00	22.86	23.98		-0.40		30	Pass
EHT80	MCS0	2	106	5530	Full	15.30	15.50	18.41	23.98		-0.40		30	Pass
EHT80	MCS0	2	106	5530	Punture 20/8	13.60	14.00	16.81	23.98		-0.40		30	Pass
EHT80	MCS0	2	122	5610	Full	19.70	20.00	22.86	23.98		-0.40		30	Pass
EHT80	MCS0	2	122	5610	Punture 20/4	17.50	17.70	20.61	23.98		-0.40		30	Pass
EHT80	MCS0	2	122	5610	Punture 20/2	17.60	17.90	20.76	23.98		-0.40		30	Pass
EHT160	MCS0	2	114	5570	Full	15.70	15.90	18.81	23.98		-0.40		30	Pass
EHT160	MCS0	2	114	5570	Punture40/3	14.50	14.40	17.46	23.98		-0.40		30	Pass
EHT160	MCS0	2	114	5570	Punture20/1	14.60	14.70	17.66	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	19.50	19.30	22.41	23.37		-0.40		30	Pass
EHT20	MCS0	2	144	5720	26/8	10.20	10.20	13.21	23.37		-0.40		30	Pass
EHT20	MCS0	2	144	5720	52/40	12.80	12.90	15.86	23.37		-0.40		30	Pass
EHT20	MCS0	2	144	5720	106/54	16.00	16.30	19.16	23.37		-0.40		30	Pass
EHT20	MCS0	2	144	5720	52T+26T/72	14.80	14.70	17.76	23.37		-0.40		30	Pass
EHT20	MCS0	2	144	5720	106T+26T/83	17.10	17.10	20.11	23.37		-0.40		30	Pass
EHT40	MCS0	2	142	5710	Full	19.70	19.90	22.81	23.98		-0.40		30	Pass
EHT80	MCS0	2	138	5690	Full	19.70	19.90	22.81	23.98		-0.40		30	Pass
EHT80	MCS0	2	138	5690	Punture 20/1	18.00	18.00	21.01	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	0.64	0.64			10.90	11.00		2.17			Pass
EHT20	MCS0	2	100	5500	26/0	0.48	0.48			10.77	11.00		2.17			Pass
EHT20	MCS0	2	100	5500	52/37	0.56	0.53			10.76	11.00		2.17			Pass
EHT20	MCS0	2	100	5500	106/53	0.56	0.59			10.61	11.00		2.17			Pass
EHT20	MCS0	2	100	5500	52T+26T/70	0.26	0.24			10.69	11.00		2.17			Pass
EHT20	MCS0	2	100	5500	106T+26T/82	0.40	0.40			10.72	11.00		2.17			Pass
EHT20	MCS0	2	116	5580	Full	0.64	0.64			10.75	11.00		2.17			Pass
EHT20	MCS0	2	116	5580	26/4	0.48	0.48			10.58	11.00		2.17			Pass
EHT20	MCS0	2	116	5580	52/38	0.56	0.53			10.56	11.00		2.17			Pass
EHT20	MCS0	2	116	5580	106/53	0.56	0.59			10.70	11.00		2.17			Pass
EHT20	MCS0	2	116	5580	52T+26T/71	0.26	0.24			10.74	11.00		2.17			Pass
EHT20	MCS0	2	116	5580	106T+26T/83	0.40	0.40			10.74	11.00		2.17			Pass
EHT20	MCS0	2	140	5700	Full	0.64	0.64			7.80	11.00		2.17			Pass
EHT20	MCS0	2	140	5700	26/8	0.48	0.48			7.60	11.00		2.17			Pass
EHT20	MCS0	2	140	5700	52/40	0.56	0.53	-		7.50	11.00		2.17		-	Pass
EHT20	MCS0	2	140	5700	106/54	0.56	0.59			7.61	11.00		2.17			Pass
EHT20	MCS0	2	140	5700	52T+26T/72	0.26	0.24			7.65	11.00		2.17			Pass
EHT20	MCS0	2	140	5700	106T+26T/83	0.40	0.40			7.75	11.00		2.17			Pass
EHT40	MCS0	2	102	5510	Full	0.21	0.21			2.61	11.00		2.17			Pass
EHT40	MCS0	2	110	5550	Full	0.21	0.21			7.40	11.00		2.17			Pass
EHT40	MCS0	2	134	5670	Full	0.21	0.21			7.30	11.00		2.17			Pass
EHT80	MCS0	2	106	5530	Full	0.46	0.46			0.08	11.00		2.17			Pass
EHT80	MCS0	2	106	5530	Punture 20/8	0.31	0.32			-0.09	11.00		2.17			Pass
EHT80	MCS0	2	122	5610	Full	0.46	0.46			4.11	11.00		2.17			Pass
EHT80	MCS0	2	122	5610	Punture 20/4	0.31	0.32			3.85	11.00		2.17			Pass
EHT80	MCS0	2	122	5610	Punture 20/2	0.31	0.32			4.02	11.00		2.17			Pass
EHT160	MCS0	2	114	5570	Full	0.63	0.64			-2.24	11.00		2.17			Pass
EHT160	MCS0	2	114	5570	Punture40/3	0.49	0.50			-2.27	11.00		2.17			Pass
EHT160	MCS0	2	114	5570	Punture20/1	0.57	0.56			-2.41	11.00		2.17			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	0.64	0.64			9.63	11.00		2.17			Pass
EHT20	MCS0	2	144	5720	26/8	0.48	0.48			9.60	11.00		2.17			Pass
EHT20	MCS0	2	144	5720	52/40	0.56	0.53			9.51	11.00		2.17			Pass
EHT20	MCS0	2	144	5720	106/54	0.56	0.59			9.51	11.00		2.17			Pass
EHT20	MCS0	2	144	5720	52T+26T/72	0.26	0.24	-		9.61	11.00		2.17		-	Pass
EHT20	MCS0	2	144	5720	106T+26T/83	0.40	0.40			9.59	11.00		2.17			Pass
EHT40	MCS0	2	142	5710	Full	0.21	0.21			7.42	11.00		2.17			Pass
EHT80	MCS0	2	138	5690	Full	0.46	0.46			4.31	11.00		2.17			Pass
EHT80	MCS0	2	138	5690	Punture 20/1	0.31	0.32			4.22	11.00		2.17			Pass

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

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	149	5745	17.33	17.23	32.52	25.26	16.45	16.45	0.5	Pass
11a	6Mbps	2	157	5785	17.73	17.23	29.58	23.04	16.45	16.45	0.5	Pass
11a	6Mbps	2	165	5825	17.58	17.18	30.54	24.24	16.45	16.45	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
11a	6Mbps	2	149	5745	18.20	17.60	20.92	30.00		-0.60		Pass
11a	6Mbps	2	157	5785	18.10	17.60	20.87	30.00		-0.60		Pass
11a	6Mbps	2	165	5825	18.00	17.40	20.72	30.00		-0.60		Pass
HT20	MCS0	2	149	5745	18.30	17.90	21.11	30.00		-0.60		Pass
HT20	MCS0	2	157	5785	18.30	17.60	20.97	30.00		-0.60		Pass
HT20	MCS0	2	165	5825	18.30	17.60	20.97	30.00		-0.60		Pass
HT40	MCS0	2	151	5755	19.80	18.90	22.38	30.00		-0.60		Pass
HT40	MCS0	2	159	5795	18.60	17.70	21.18	30.00		-0.60		Pass
VHT20	MCS0	2	149	5745	18.30	17.90	21.11	30.00		-0.60		Pass
VHT20	MCS0	2	157	5785	18.30	17.60	20.97	30.00		-0.60		Pass
VHT20	MCS0	2	165	5825	18.30	17.60	20.97	30.00		-0.60		Pass
VHT40	MCS0	2	151	5755	19.80	18.90	22.38	30.00		-0.60		Pass
VHT40	MCS0	2	159	5795	18.60	17.70	21.18	30.00		-0.60		Pass
VHT80	MCS0	2	155	5775	19.80	19.20	22.52	30.00		-0.60		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
11a	6Mbps	2	149	5745	0.29	0.29	2.22		3.46	2.80	6.47	30.00		2.02		Pass
11a	6Mbps	2	157	5785	0.29	0.29	2.22		3.33	2.81	6.34	30.00		2.02		Pass
11a	6Mbps	2	165	5825	0.29	0.29	2.22		3.23	2.60	6.24	30.00		2.02		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
HE20	MCS0	2	149	5745	Full	18.30	17.90	21.11	30.00		-0.60		Pass
HE20	MCS0	2	149	5745	26/0	8.90	8.90	11.91	30.00		-0.60		Pass
HE20	MCS0	2	149	5745	52/37	11.70	11.60	14.66	30.00		-0.60		Pass
HE20	MCS0	2	149	5745	106/53	14.80	14.60	17.71	30.00		-0.60		Pass
HE20	MCS0	2	157	5785	Full	18.30	17.80	21.07	30.00		-0.60		Pass
HE20	MCS0	2	157	5785	26/4	9.10	9.00	12.06	30.00		-0.60		Pass
HE20	MCS0	2	157	5785	52/38	11.80	11.70	14.76	30.00		-0.60		Pass
HE20	MCS0	2	157	5785	106/53	14.90	14.70	17.81	30.00		-0.60		Pass
HE20	MCS0	2	165	5825	Full	18.40	17.70	21.07	30.00		-0.60		Pass
HE20	MCS0	2	165	5825	26/8	8.50	8.70	11.61	30.00		-0.60		Pass
HE20	MCS0	2	165	5825	52/40	11.50	11.60	14.56	30.00		-0.60		Pass
HE20	MCS0	2	165	5825	106/54	14.70	14.60	17.66	30.00		-0.60		Pass
HE40	MCS0	2	151	5755	Full	19.60	18.90	22.27	30.00		-0.60		Pass
HE40	MCS0	2	159	5795	Full	18.50	17.70	21.13	30.00		-0.60		Pass
HE80	MCS0	2	155	5775	Full	19.60	19.10	22.37	30.00		-0.60		Pass

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

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4		
EHT20	MCS0	2	149	5745	Full	19.28	19.23	26.22	24.72	19.05	19.05	0.5	Pass
EHT20	MCS0	2	157	5785	Full	19.28	19.23	26.16	22.68	19.00	19.05	0.5	Pass
EHT20	MCS0	2	165	5825	Full	19.23	19.23	26.10	24.72	19.10	19.00	0.5	Pass
EHT40	MCS0	2	151	5755	Full	38.36	38.26	55.20	43.92	37.89	37.80	0.5	Pass
EHT40	MCS0	2	159	5795	Full	38.16	38.06	44.16	40.68	37.89	37.80	0.5	Pass
EHT80	MCS0	2	155	5775	Full	77.44	77.44	107.04	111.60	77.60	77.92	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
EHT20	MCS0	2	149	5745	Full	18.40	18.00	21.21	30.00		-0.60		Pass
EHT20	MCS0	2	149	5745	26/0	9.00	8.90	11.96	30.00		-0.60		Pass
EHT20	MCS0	2	149	5745	52/37	11.70	11.70	14.71	30.00		-0.60		Pass
EHT20	MCS0	2	149	5745	106/53	14.90	14.60	17.76	30.00		-0.60		Pass
EHT20	MCS0	2	149	5745	52T+26T/70	13.50	13.30	16.41	30.00		-0.60		Pass
EHT20	MCS0	2	149	5745	106T+26T/82	15.90	15.90	18.91	30.00		-0.60		Pass
EHT20	MCS0	2	157	5785	Full	18.50	17.70	21.13	30.00		-0.60		Pass
EHT20	MCS0	2	157	5785	26/4	9.10	9.10	12.11	30.00		-0.60		Pass
EHT20	MCS0	2	157	5785	52/38	11.90	11.70	14.81	30.00		-0.60		Pass
EHT20	MCS0	2	157	5785	106/53	14.90	14.80	17.86	30.00		-0.60		Pass
EHT20	MCS0	2	157	5785	52T+26T/71	13.50	13.50	16.51	30.00		-0.60		Pass
EHT20	MCS0	2	157	5785	106T+26T/83	16.10	16.20	19.16	30.00		-0.60		Pass
EHT20	MCS0	2	165	5825	Full	18.40	17.80	21.12	30.00		-0.60		Pass
EHT20	MCS0	2	165	5825	26/8	8.50	8.80	11.66	30.00		-0.60		Pass
EHT20	MCS0	2	165	5825	52/40	11.50	11.70	14.61	30.00		-0.60		Pass
EHT20	MCS0	2	165	5825	106/54	14.80	14.60	17.71	30.00		-0.60		Pass
EHT20	MCS0	2	165	5825	52T+26T/72	13.30	13.30	16.31	30.00		-0.60		Pass
EHT20	MCS0	2	165	5825	106T+26T/83	15.90	15.60	18.76	30.00		-0.60		Pass
EHT40	MCS0	2	151	5755	Full	19.80	19.10	22.47	30.00		-0.60		Pass
EHT40	MCS0	2	159	5795	Full	18.90	17.70	21.35	30.00		-0.60		Pass
EHT80	MCS0	2	155	5775	Full	19.90	19.40	22.67	30.00		-0.60		Pass
EHT80	MCS0	2	155	5775	Punture20/1	17.70	16.90	20.33	30.00		-0.60		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
EHT20	MCS0	2	149	5745	Full	0.64	0.64	2.22		2.78	2.62	5.79	30.00		2.02		Pass
EHT20	MCS0	2	149	5745	26/0	0.48	0.48	2.22		2.72	2.67	5.73	30.00		2.02		Pass
EHT20	MCS0	2	149	5745	52/37	0.56	0.53	2.22		2.61	2.72	5.73	30.00		2.02		Pass
EHT20	MCS0	2	149	5745	106/53	0.56	0.59	2.22		2.68	2.46	5.69	30.00		2.02		Pass
EHT20	MCS0	2	149	5745	52T+26T/70	0.26	0.24	2.22		2.65	2.40	5.66	30.00		2.02		Pass
EHT20	MCS0	2	149	5745	106T+26T/82	0.40	0.40	2.22		2.64	2.65	5.66	30.00		2.02		Pass
EHT20	MCS0	2	157	5785	Full	0.64	0.64	2.22		3.18	2.40	6.19	30.00		2.02		Pass
EHT20	MCS0	2	157	5785	26/4	0.48	0.48	2.22		2.91	2.95	5.96	30.00		2.02		Pass
EHT20	MCS0	2	157	5785	52/38	0.56	0.53	2.22		2.88	2.66	5.89	30.00		2.02		Pass
EHT20	MCS0	2	157	5785	106/53	0.56	0.59	2.22		2.80	2.59	5.81	30.00		2.02		Pass
EHT20	MCS0	2	157	5785	52T+26T/71	0.26	0.24	2.22		2.76	2.49	5.77	30.00		2.02		Pass
EHT20	MCS0	2	157	5785	106T+26T/83	0.40	0.40	2.22		2.77	3.03	6.04	30.00		2.02		Pass
EHT20	MCS0	2	165	5825	Full	0.64	0.64	2.22		2.78	2.38	5.79	30.00		2.02		Pass
EHT20	MCS0	2	165	5825	26/8	0.48	0.48	2.22		2.44	2.74	5.75	30.00		2.02		Pass
EHT20	MCS0	2	165	5825	52/40	0.56	0.53	2.22		2.42	2.62	5.63	30.00		2.02		Pass
EHT20	MCS0	2	165	5825	106/54	0.56	0.59	2.22		2.54	2.48	5.55	30.00		2.02		Pass
EHT20	MCS0	2	165	5825	52T+26T/72	0.26	0.24	2.22		2.66	2.52	5.67	30.00		2.02		Pass
EHT20	MCS0	2	165	5825	106T+26T/83	0.40	0.40	2.22		2.66	2.41	5.67	30.00		2.02		Pass
EHT40	MCS0	2	151	5755	Full	0.21	0.21	2.22		0.62	-0.32	3.63	30.00		2.02		Pass
EHT40	MCS0	2	159	5795	Full	0.21	0.21	2.22		-0.48	-1.44	2.53	30.00		2.02		Pass
EHT80	MCS0	2	155	5775	Full	0.46	0.46	2.22		-2.06	-2.49	0.95	30.00		2.02		Pass
EHT80	MCS0	2	155	5775	Punture20/1	0.31	0.32	2.22		-2.16	-2.77	0.85	30.00		2.02		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

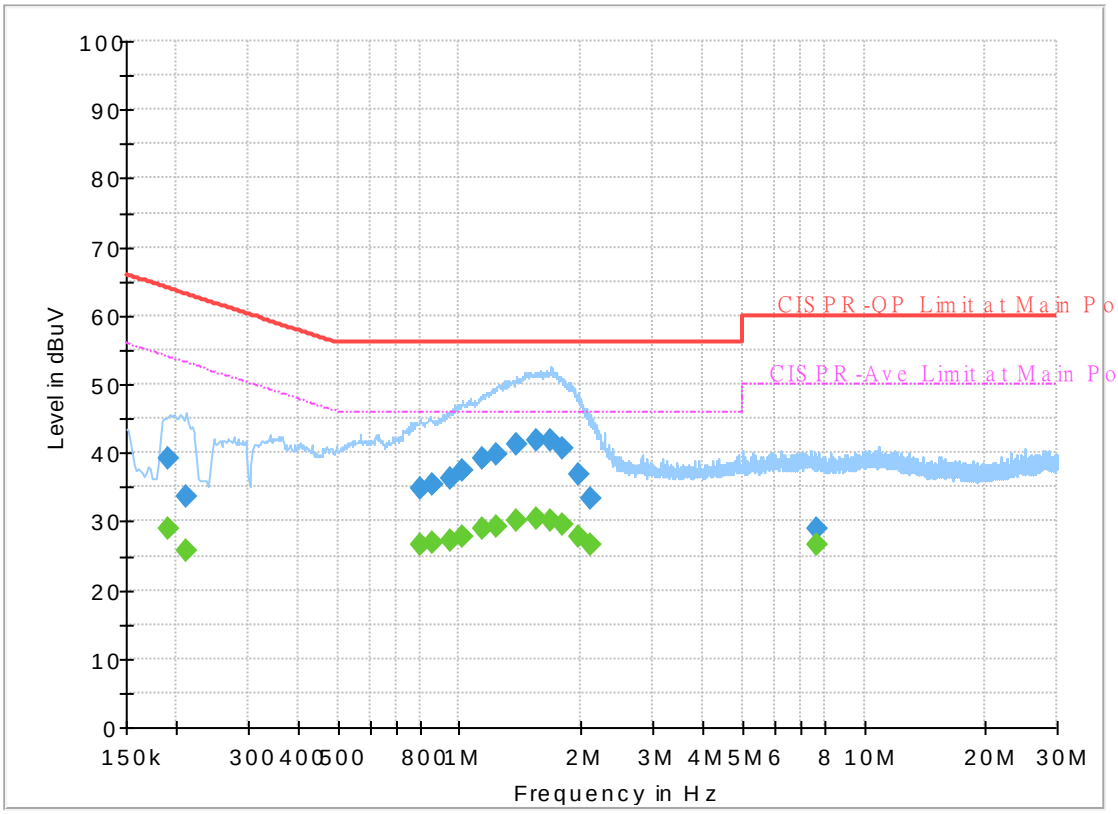
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO :	2D0206-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

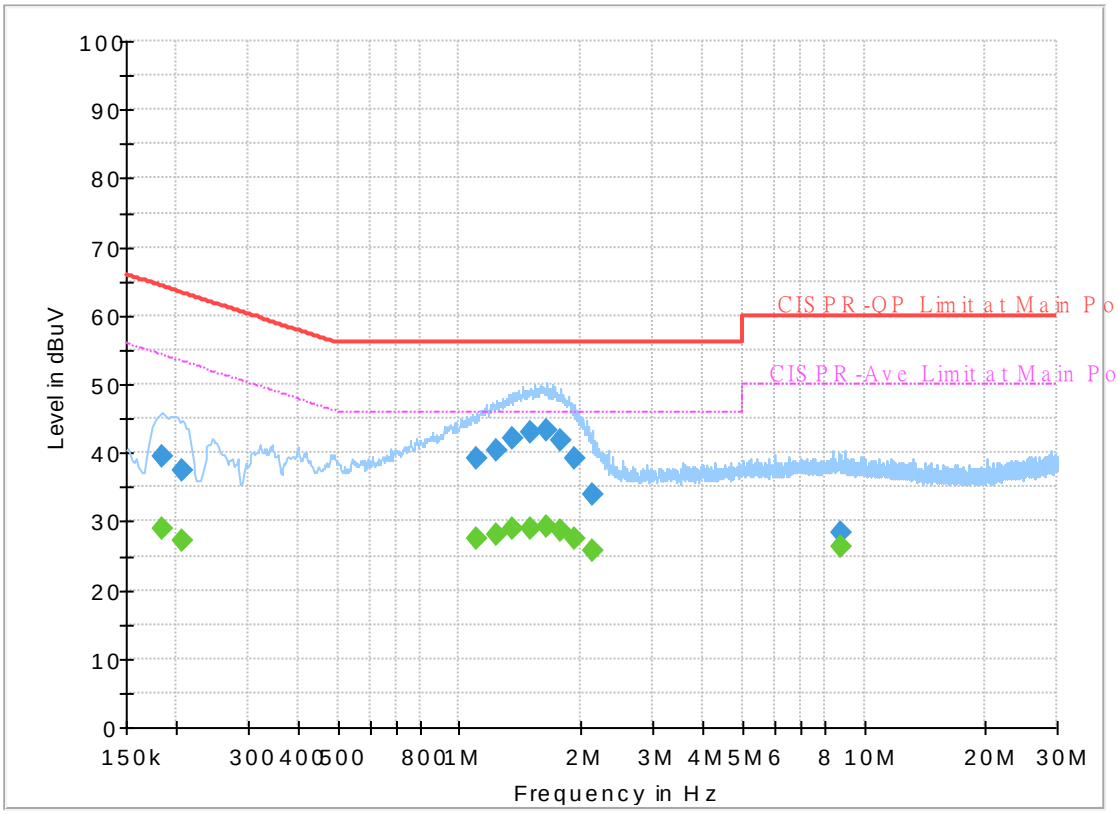
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.190500	---	28.98	54.02	25.04	L1	OFF	19.9
0.190500	39.09	---	64.02	24.93	L1	OFF	19.9
0.210750	---	25.72	53.18	27.46	L1	OFF	19.9
0.210750	33.49	---	63.18	29.69	L1	OFF	19.9
0.798000	---	26.47	46.00	19.53	L1	OFF	19.9
0.798000	34.75	---	56.00	21.25	L1	OFF	19.9
0.856500	---	26.86	46.00	19.14	L1	OFF	19.9
0.856500	35.31	---	56.00	20.69	L1	OFF	19.9
0.946500	---	27.20	46.00	18.80	L1	OFF	19.9
0.946500	36.35	---	56.00	19.65	L1	OFF	19.9
1.014000	---	27.85	46.00	18.15	L1	OFF	19.9
1.014000	37.50	---	56.00	18.50	L1	OFF	19.9
1.135500	---	28.91	46.00	17.09	L1	OFF	19.9
1.135500	39.19	---	56.00	16.81	L1	OFF	19.9
1.239000	---	29.25	46.00	16.75	L1	OFF	19.9
1.239000	39.87	---	56.00	16.13	L1	OFF	19.9
1.385250	---	30.13	46.00	15.87	L1	OFF	19.9
1.385250	41.26	---	56.00	14.74	L1	OFF	19.9
1.547250	---	30.35	46.00	15.65	L1	OFF	19.9
1.547250	41.85	---	56.00	14.15	L1	OFF	19.9
1.689000	---	30.19	46.00	15.81	L1	OFF	19.9

1.689000	41.69	---	56.00	14.31	L1	OFF	19.9
1.808250	---	29.63	46.00	16.37	L1	OFF	19.9
1.808250	40.53	---	56.00	15.47	L1	OFF	19.9
1.963500	---	27.89	46.00	18.11	L1	OFF	19.9
1.963500	36.89	---	56.00	19.11	L1	OFF	19.9
2.103000	---	26.56	46.00	19.44	L1	OFF	19.9
2.103000	33.34	---	56.00	22.66	L1	OFF	19.9
7.633500	---	26.70	50.00	23.30	L1	OFF	20.1
7.633500	28.88	---	60.00	31.12	L1	OFF	20.1

EUT Information

Report NO :	2D0206-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	28.83	54.31	25.48	N	OFF	19.9
0.183750	39.53	---	64.31	24.78	N	OFF	19.9
0.206250	---	27.28	53.36	26.08	N	OFF	19.9
0.206250	37.47	---	63.36	25.89	N	OFF	19.9
1.097250	---	27.47	46.00	18.53	N	OFF	19.9
1.097250	39.28	---	56.00	16.72	N	OFF	19.9
1.232250	---	27.96	46.00	18.04	N	OFF	19.9
1.232250	40.49	---	56.00	15.51	N	OFF	19.9
1.358250	---	28.83	46.00	17.17	N	OFF	19.9
1.358250	42.14	---	56.00	13.86	N	OFF	19.9
1.491000	---	29.08	46.00	16.92	N	OFF	19.9
1.491000	42.89	---	56.00	13.11	N	OFF	19.9
1.641750	---	29.26	46.00	16.74	N	OFF	19.9
1.641750	43.27	---	56.00	12.73	N	OFF	19.9
1.783500	---	28.73	46.00	17.27	N	OFF	19.9
1.783500	41.95	---	56.00	14.05	N	OFF	19.9
1.932000	---	27.40	46.00	18.60	N	OFF	19.9
1.932000	39.12	---	56.00	16.88	N	OFF	19.9
2.125500	---	25.81	46.00	20.19	N	OFF	19.9
2.125500	34.01	---	56.00	21.99	N	OFF	19.9
8.751750	---	26.37	50.00	23.63	N	OFF	20.2

8.751750	**28.34**	**---**	**60.00**	**31.66**	**N**	**OFF**	**20.2**

Appendix C. Radiated Spurious Emission

Test Engineer :	Jacky Hung, Mancy Chou, Michael Liu and Rain Lee	**Temperature :**	20~26°C
		Relative Humidity :	40~65%

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		5149.5	58.47	-15.53	74	46.09	33.2	6.62	27.44	266	59	P	H
		5149.76	50.67	-3.33	54	38.29	33.2	6.62	27.44	266	59	A	H
	*	5180	108.43	-	-	96	33.2	6.67	27.44	266	59	P	H
	*	5180	101.77	-	-	89.34	33.2	6.67	27.44	266	59	A	H
													H
													H
		5150	57.21	-16.79	74	44.83	33.2	6.62	27.44	397	106	P	V
		5150	48.88	-5.12	54	36.5	33.2	6.62	27.44	397	106	A	V
	*	5180	107.52	-	-	95.09	33.2	6.67	27.44	397	106	P	V
	*	5180	99.8	-	-	87.37	33.2	6.67	27.44	397	106	A	V
													V
													V
802.11a CH 44 5220MHz		5114.4	53.71	-20.29	74	41.4	33.2	6.56	27.45	100	271	P	H
		5065.52	44.85	-9.15	54	32.49	33.34	6.47	27.45	100	271	A	H
	*	5220	107.73	-	-	95.28	33.16	6.72	27.43	100	271	P	H
	*	5220	102.35	-	-	89.9	33.16	6.72	27.43	100	271	A	H
		5443.48	52.25	-21.75	74	39.73	33.1	6.83	27.41	100	271	P	H
		5458.6	43.31	-10.69	54	30.78	33.1	6.83	27.4	100	271	A	H
		5102.44	53.96	-20.04	74	41.68	33.2	6.53	27.45	347	112	P	V
		5058.24	44.8	-9.2	54	32.43	33.37	6.45	27.45	347	112	A	V
	*	5220	106.41	-	-	93.96	33.16	6.72	27.43	347	112	P	V
	*	5220	100.83	-	-	88.38	33.16	6.72	27.43	347	112	A	V
		5436.76	52.57	-21.43	74	40.04	33.1	6.84	27.41	347	112	P	V
		5447.96	43.47	-10.53	54	30.95	33.1	6.83	27.41	347	112	A	V

802.11a CH 48 5240MHz		5139.88	53.77	-20.23	74	41.41	33.2	6.6	27.44	104	273	P	H
		5049.92	44.76	-9.24	54	32.37	33.4	6.44	27.45	104	273	A	H
	*	5240	107.21	-	-	94.78	33.12	6.74	27.43	104	273	P	H
	*	5240	101.78	-	-	89.35	33.12	6.74	27.43	104	273	A	H
		5414.08	52.85	-21.15	74	40.32	33.1	6.84	27.41	104	273	P	H
		5440.12	43.34	-10.66	54	30.82	33.1	6.83	27.41	104	273	A	H
		5119.86	54.16	-19.84	74	41.84	33.2	6.57	27.45	363	112	P	V
		5072.28	44.78	-9.22	54	32.44	33.31	6.48	27.45	363	112	A	V
	*	5240	106.44	-	-	94.01	33.12	6.74	27.43	363	112	P	V
	*	5240	101.02	-	-	88.59	33.12	6.74	27.43	363	112	A	V
		5402.04	52.59	-21.41	74	40.05	33.1	6.85	27.41	363	112	P	V
		5458.6	43.22	-10.78	54	30.69	33.1	6.83	27.4	363	112	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	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)
		10360	47.8	-20.4	68.2	54.6	39.06	10.71	56.57	-	-	P	H
		15540	58.76	-15.24	74	64.48	38.24	12.57	56.53	100	81	P	H
		15540	45.11	-8.89	54	50.83	38.24	12.57	56.53	100	81	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 36		10360	47.58	-20.62	68.2	54.38	39.06	10.71	56.57	-	-	P	V
5180MHz		15540	62.57	-11.43	74	68.29	38.24	12.57	56.53	100	82	P	V
		15540	48.15	-5.85	54	53.87	38.24	12.57	56.53	100	82	A	V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10440	46.66	-21.54	68.2	53.27	39.1	10.76	56.47	-	-	P	H
		15660	58.04	-15.96	74	63.94	37.88	12.59	56.37	100	80	P	H
		15660	45.11	-8.89	54	51.01	37.88	12.59	56.37	100	80	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 44		10440	46.46	-21.74	68.2	53.07	39.1	10.76	56.47	-	-	P	V
5220MHz		15660	63.51	-10.49	74	69.41	37.88	12.59	56.37	100	82	P	V
		15660	50.36	-3.64	54	56.26	37.88	12.59	56.37	100	82	A	V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10480	46.92	-21.28	68.2	53.45	39.1	10.79	56.42	-	-	P	H
		15720	58.21	-15.79	74	64.1	37.8	12.6	56.29	100	80	P	H
		15720	45.85	-8.15	54	51.74	37.8	12.6	56.29	100	80	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 48		10480	47.4	-20.8	68.2	53.93	39.1	10.79	56.42	-	-	P	V
5240MHz		15720	61.86	-12.14	74	67.75	37.8	12.6	56.29	100	82	P	V
		15720	48.56	-5.44	54	54.45	37.8	12.6	56.29	100	82	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11be EHT20 Full (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)
		5150	63.01	-10.99	74	50.63	33.2	6.62	27.44	100	118	P	H
		5150	52.08	-1.92	54	39.7	33.2	6.62	27.44	100	118	A	H
	*	5180	106.34	-	-	93.91	33.2	6.67	27.44	100	118	P	H
	*	5180	97.94	-	-	85.51	33.2	6.67	27.44	100	118	A	H
802.11be													H
EHT20 Full													H
CH 36		5149.5	62.49	-11.51	74	50.11	33.2	6.62	27.44	400	109	P	V
5180MHz		5149.5	50.08	-3.92	54	37.7	33.2	6.62	27.44	400	109	A	V
	*	5180	104.01	-	-	91.58	33.2	6.67	27.44	400	109	P	V
	*	5180	95.92	-	-	83.49	33.2	6.67	27.44	400	109	A	V
													V
													V
		5060.58	55.1	-18.9	74	42.73	33.36	6.46	27.45	100	89	P	H
		5058.5	45.82	-8.18	54	33.44	33.37	6.46	27.45	100	89	A	H
	*	5220	109.29	-	-	96.84	33.16	6.72	27.43	100	89	P	H
	*	5220	101.63	-	-	89.18	33.16	6.72	27.43	100	89	A	H
802.11be		5440.96	53.21	-20.79	74	40.69	33.1	6.83	27.41	100	89	P	H
EHT20 Full		5440.12	44.46	-9.54	54	31.94	33.1	6.83	27.41	100	89	A	H
CH 44		5024.44	54.9	-19.1	74	42.62	33.35	6.39	27.46	306	106	P	V
5220MHz		5068.12	45.94	-8.06	54	33.59	33.33	6.47	27.45	306	106	A	V
	*	5220	109.32	-	-	96.87	33.16	6.72	27.43	306	106	P	V
	*	5220	99.81	-	-	87.36	33.16	6.72	27.43	306	106	A	V
		5443.76	53.58	-20.42	74	41.06	33.1	6.83	27.41	306	106	P	V
		5459.72	44.46	-9.54	54	31.93	33.1	6.83	27.4	306	106	A	V

		5062.66	54.76	-19.24	74	42.4	33.35	6.46	27.45	100	89	P	H
		5084.76	45.75	-8.25	54	33.44	33.26	6.5	27.45	100	89	A	H
	*	5240	109.93	-	-	97.5	33.12	6.74	27.43	100	89	P	H
	*	5240	101.56	-	-	89.13	33.12	6.74	27.43	100	89	A	H
802.11be		5388.04	53.43	-20.57	74	40.9	33.1	6.84	27.41	100	89	P	H
EHT20 Full		5450.48	44.57	-9.43	54	32.05	33.1	6.83	27.41	100	89	A	H
CH 48		5120.38	54.75	-19.25	74	42.43	33.2	6.57	27.45	301	108	P	V
5240MHz		5117	45.55	-8.45	54	33.24	33.2	6.56	27.45	301	108	A	V
	*	5240	109.24	-	-	96.81	33.12	6.74	27.43	301	108	P	V
	*	5240	99.38	-	-	86.95	33.12	6.74	27.43	301	108	A	V
		5442.08	53.69	-20.31	74	41.17	33.1	6.83	27.41	301	108	P	V
		5456.08	44.27	-9.73	54	31.75	33.1	6.83	27.41	301	108	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 EHT20 Full (Harmonic @ 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)
		10360	47.65	-20.55	68.2	54.45	39.06	10.71	56.57	-	-	P	H
		15540	54.9	-19.1	74	60.62	38.24	12.57	56.53	100	76	P	H
		15540	41.11	-12.89	54	46.83	38.24	12.57	56.53	100	76	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 36		10360	47.36	-20.84	68.2	54.16	39.06	10.71	56.57	-	-	P	V
5180MHz		15540	58.6	-15.4	74	64.32	38.24	12.57	56.53	106	94	P	V
		15540	45.2	-8.8	54	50.92	38.24	12.57	56.53	106	94	A	V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10440	45.85	-22.35	68.2	52.46	39.1	10.76	56.47	-	-	P	H
		15660	57.96	-16.04	74	63.86	37.88	12.59	56.37	100	81	P	H
		15660	46.17	-7.83	54	52.07	37.88	12.59	56.37	100	81	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 44		10440	46.19	-22.01	68.2	52.8	39.1	10.76	56.47	-	-	P	V
5220MHz		15660	60.57	-13.43	74	66.47	37.88	12.59	56.37	100	81	P	V
		15660	48.28	-5.72	54	54.18	37.88	12.59	56.37	100	81	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10480	47.29	-20.91	68.2	53.82	39.1	10.79	56.42	-	-	P	H
		15720	57.84	-16.16	74	63.73	37.8	12.6	56.29	105	81	P	H
		15720	45.34	-8.66	54	51.23	37.8	12.6	56.29	105	81	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 48		10480	46.33	-21.87	68.2	52.86	39.1	10.79	56.42	-	-	P	V
5240MHz		15720	60.68	-13.32	74	66.57	37.8	12.6	56.29	101	81	P	V
		15720	48.07	-5.93	54	53.96	37.8	12.6	56.29	101	81	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11be EHT40 Full (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)
		5145.34	58.08	-15.92	74	45.71	33.2	6.61	27.44	264	60	P	H
		5149.76	51.01	-2.99	54	38.63	33.2	6.62	27.44	264	60	A	H
	*	5190	103.78	-	-	91.33	33.2	6.69	27.44	264	60	P	H
	*	5190	93.51	-	-	81.06	33.2	6.69	27.44	264	60	A	H
802.11be		5429.76	52.47	-21.53	74	39.94	33.1	6.84	27.41	264	60	P	H
EHT40 Full		5363.68	44.08	-9.92	54	31.58	33.1	6.82	27.42	264	60	A	H
CH 38		5148.98	55.39	-18.61	74	43.01	33.2	6.62	27.44	399	104	P	V
5190MHz		5150	50.02	-3.98	54	37.64	33.2	6.62	27.44	399	104	A	V
	*	5190	98.42	-	-	85.97	33.2	6.69	27.44	399	104	P	V
	*	5190	90.68	-	-	78.23	33.2	6.69	27.44	399	104	A	V
		5435.36	51.83	-22.17	74	39.3	33.1	6.84	27.41	399	104	P	V
		5446.56	43.71	-10.29	54	31.19	33.1	6.83	27.41	399	104	A	V
		5149.5	56.19	-17.81	74	43.81	33.2	6.62	27.44	259	60	P	H
		5149.76	46.8	-7.2	54	34.42	33.2	6.62	27.44	259	60	A	H
	*	5230	108.2	-	-	95.76	33.14	6.73	27.43	259	60	P	H
	*	5230	98.98	-	-	86.54	33.14	6.73	27.43	259	60	A	H
802.11be		5415.2	54	-20	74	41.47	33.1	6.84	27.41	259	60	P	H
EHT40 Full		5353.04	45	-9	54	32.5	33.1	6.82	27.42	259	60	A	H
CH 46		5044.98	54.84	-19.16	74	42.47	33.39	6.43	27.45	387	107	P	V
5230MHz		5149.5	45.99	-8.01	54	33.61	33.2	6.62	27.44	387	107	A	V
	*	5230	103.58	-	-	91.14	33.14	6.73	27.43	387	107	P	V
	*	5230	95.24	-	-	82.8	33.14	6.73	27.43	387	107	A	V
		5434.8	51.93	-22.07	74	39.4	33.1	6.84	27.41	387	107	P	V
		5435.64	43.82	-10.18	54	31.29	33.1	6.84	27.41	387	107	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	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)
		10380	46.76	-21.44	68.2	53.5	39.08	10.72	56.54	-	-	P	H
		15570	44.85	-29.15	74	50.65	38.12	12.57	56.49	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 38		10380	46.66	-21.54	68.2	53.4	39.08	10.72	56.54	-	-	P	V
5190MHz		15570	44.86	-29.14	74	50.66	38.12	12.57	56.49	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10460	46.81	-21.39	68.2	53.39	39.1	10.77	56.45	-	-	P	H
		15690	54.66	-19.34	74	60.57	37.82	12.6	56.33	100	72	P	H
		15690	42.64	-11.36	54	48.55	37.82	12.6	56.33	100	72	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 46		10460	47.8	-20.4	68.2	54.38	39.1	10.77	56.45	-	-	P	V
5230MHz		15690	58.75	-15.25	74	64.66	37.82	12.6	56.33	100	97	P	V
		15690	46.21	-7.79	54	52.12	37.82	12.6	56.33	100	97	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11be EHT80 Full (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)
802.11be EHT80 Full CH 42 5210MHz		5146.9	65.17	-8.83	74	52.8	33.2	6.61	27.44	100	117	P	H
		5149.76	51.04	-2.96	54	38.66	33.2	6.62	27.44	100	117	A	H
	*	5210	98.73	-	-	86.26	33.18	6.72	27.43	100	117	P	H
	*	5210	90.29	-	-	77.82	33.18	6.72	27.43	100	117	A	H
		5416.04	52.93	-21.07	74	40.4	33.1	6.84	27.41	100	117	P	H
		5459.16	43.28	-10.72	54	30.75	33.1	6.83	27.4	100	117	A	H
		5146.12	63.83	-10.17	74	51.46	33.2	6.61	27.44	400	102	P	V
		5145.6	49.05	-4.95	54	36.68	33.2	6.61	27.44	400	102	A	V
	*	5210	94.93	-	-	82.46	33.18	6.72	27.43	400	102	P	V
	*	5210	87.73	-	-	75.26	33.18	6.72	27.43	400	102	A	V
		5420.52	53.29	-20.71	74	40.76	33.1	6.84	27.41	400	102	P	V
		5451.88	43.29	-10.71	54	30.77	33.1	6.83	27.41	400	102	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 EHT80 Full (Harmonic @ 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)
		10420	45.94	-22.26	68.2	52.59	39.1	10.75	56.5	-	-	P	H
		15630	45.99	-28.01	74	51.88	37.94	12.58	56.41	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 42		10420	45.77	-22.43	68.2	52.42	39.1	10.75	56.5	-	-	P	V
5210MHz		15630	46.01	-27.99	74	51.9	37.94	12.58	56.41	-	-	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 1 5150~5250MHz

WIFI 802.11be EHT160 Full (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)
802.11be EHT160 Full CH 50 5250MHz		5138.84	59.94	-14.06	74	47.58	33.2	6.6	27.44	100	89	P	H
		5148.98	50.09	-3.91	54	37.71	33.2	6.62	27.44	100	89	A	H
	*	5250	95.62	-	-	83.21	33.1	6.74	27.43	100	89	P	H
	*	5250	87.33	-	-	74.92	33.1	6.74	27.43	100	89	A	H
		5391.4	63.37	-10.63	74	50.84	33.1	6.84	27.41	100	89	P	H
		5384.96	52.36	-1.64	54	39.83	33.1	6.84	27.41	100	89	A	H
		5134.16	57.53	-16.47	74	45.18	33.2	6.59	27.44	300	117	P	V
		5138.84	47.72	-6.28	54	35.36	33.2	6.6	27.44	300	117	A	V
	*	5250	94.47	-	-	82.06	33.1	6.74	27.43	300	117	P	V
	*	5250	84.93	-	-	72.52	33.1	6.74	27.43	300	117	A	V
		5376.84	59.7	-14.3	74	47.18	33.1	6.83	27.41	300	117	P	V
		5385.24	49.45	-4.55	54	36.92	33.1	6.84	27.41	300	117	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	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)
802.11be EHT160 Full CH 50 5250MHz		10500	46.92	-21.28	68.2	53.42	39.1	10.8	56.4	-	-	P	H
		15750	44.26	-29.74	74	50.11	37.8	12.6	56.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		10500	47.07	-21.13	68.2	53.57	39.1	10.8	56.4	-	-	P	V
		15750	44.2	-29.8	74	50.05	37.8	12.6	56.25	-	-	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	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 3+4		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11a CH 52 5260MHz		5087.38	54.53	-19.47	74	42.22	33.25	6.51	27.45	100	271	P	H
		5061.2	44.86	-9.14	54	32.49	33.36	6.46	27.45	100	271	A	H
	*	5260	109.58	-	-	97.16	33.1	6.75	27.43	100	271	P	H
	*	5260	102.89	-	-	90.47	33.1	6.75	27.43	100	271	A	H
		5427.6	52.86	-21.14	74	40.33	33.1	6.84	27.41	100	271	P	H
		5444.64	43.26	-10.74	54	30.74	33.1	6.83	27.41	100	271	A	H
		5046.24	53.97	-20.03	74	41.6	33.39	6.43	27.45	324	114	P	V
		5060.18	44.67	-9.33	54	32.3	33.36	6.46	27.45	324	114	A	V
	*	5260	108.19	-	-	95.77	33.1	6.75	27.43	324	114	P	V
	*	5260	101.19	-	-	88.77	33.1	6.75	27.43	324	114	A	V
		5449.2	52.64	-21.36	74	40.12	33.1	6.83	27.41	324	114	P	V
		5456.64	43.47	-10.53	54	30.95	33.1	6.83	27.41	324	114	A	V
802.11a CH 60 5300MHz		5125.12	54.29	-19.71	74	41.95	33.2	6.58	27.44	100	272	P	H
		5074.46	44.56	-9.44	54	32.23	33.3	6.48	27.45	100	272	A	H
	*	5300	109.52	-	-	97.06	33.1	6.78	27.42	100	272	P	H
	*	5300	102.1	-	-	89.64	33.1	6.78	27.42	100	272	A	H
		5454.48	52.3	-21.7	74	39.78	33.1	6.83	27.41	100	272	P	H
		5351.28	43.64	-10.36	54	31.14	33.1	6.82	27.42	100	272	A	H
		5009.52	54.12	-19.88	74	41.89	33.32	6.37	27.46	377	107	P	V
		5068.68	44.61	-9.39	54	32.26	33.33	6.47	27.45	377	107	A	V
	*	5300	108.17	-	-	95.71	33.1	6.78	27.42	377	107	P	V
	*	5300	100.98	-	-	88.52	33.1	6.78	27.42	377	107	A	V
		5453.76	52.64	-21.36	74	40.12	33.1	6.83	27.41	377	107	P	V
		5459.28	43.45	-10.55	54	30.92	33.1	6.83	27.4	377	107	A	V

802.11a CH 64 5320MHz	*	5320	111.26	-	-	98.79	33.1	6.79	27.42	255	59	P	H
	*	5320	103.34	-	-	90.87	33.1	6.79	27.42	255	59	A	H
		5351.36	62.69	-11.31	74	50.19	33.1	6.82	27.42	255	59	P	H
		5350.08	51.46	-2.54	54	38.96	33.1	6.82	27.42	255	59	A	H
													H
													H
	*	5320	107.26	-	-	94.79	33.1	6.79	27.42	400	98	P	V
	*	5320	99.38	-	-	86.91	33.1	6.79	27.42	400	98	A	V
		5351.36	56.34	-17.66	74	43.84	33.1	6.82	27.42	400	98	P	V
		5351.84	47.51	-6.49	54	35.01	33.1	6.82	27.42	400	98	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	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)
		10520	46.76	-21.44	68.2	53.2	39.14	10.82	56.4	-	-	P	H
		15780	60.06	-13.94	74	65.86	37.8	12.61	56.21	100	71	P	H
		15780	46.23	-7.77	54	52.03	37.8	12.61	56.21	100	71	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 52		10520	46.57	-21.63	68.2	53.01	39.14	10.82	56.4	-	-	P	V
5260MHz		15780	63.13	-10.87	74	68.93	37.8	12.61	56.21	100	84	P	V
		15780	48.4	-5.6	54	54.2	37.8	12.61	56.21	100	84	A	V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10600	45.48	-28.52	74	51.71	39.3	10.87	56.4	-	-	P	H
		15900	58.06	-15.94	74	63.67	37.8	12.64	56.05	100	72	P	H
		15900	45.8	-8.2	54	51.41	37.8	12.64	56.05	100	72	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 60		10600	45.83	-28.17	74	52.06	39.3	10.87	56.4	-	-	P	V
5300MHz		15900	60.41	-13.59	74	66.02	37.8	12.64	56.05	100	83	P	V
		15900	46.33	-7.67	54	51.94	37.8	12.64	56.05	100	83	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10640	46.6	-27.4	74	52.76	39.34	10.9	56.4	-	-	P	H
		15960	57.94	-16.06	74	63.52	37.74	12.65	55.97	100	75	P	H
		15960	42.5	-11.5	54	48.08	37.74	12.65	55.97	100	75	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 64		10640	46.99	-27.01	74	53.15	39.34	10.9	56.4	-	-	P	V
5320MHz		15960	56.59	-17.41	74	62.17	37.74	12.65	55.97	100	67	P	V
		15960	43.16	-10.84	54	48.74	37.74	12.65	55.97	100	67	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11be EHT20 Full (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)
		5053.38	54.8	-19.2	74	42.41	33.39	6.45	27.45	100	88	P	H
		5072.42	45.55	-8.45	54	33.21	33.31	6.48	27.45	100	88	A	H
	*	5260	111.08	-	-	98.66	33.1	6.75	27.43	100	88	P	H
	*	5260	102.38	-	-	89.96	33.1	6.75	27.43	100	88	A	H
802.11be		5450.88	53.02	-20.98	74	40.5	33.1	6.83	27.41	100	88	P	H
EHT20 Full		5449.2	44.63	-9.37	54	32.11	33.1	6.83	27.41	100	88	A	H
CH 52		5060.86	55.45	-18.55	74	43.08	33.36	6.46	27.45	318	111	P	V
5260MHz		5091.46	45.84	-8.16	54	33.55	33.23	6.51	27.45	318	111	A	V
	*	5260	109.35	-	-	96.93	33.1	6.75	27.43	318	111	P	V
	*	5260	100.31	-	-	87.89	33.1	6.75	27.43	318	111	A	V
		5357.28	54.18	-19.82	74	41.68	33.1	6.82	27.42	318	111	P	V
		5451.36	44.42	-9.58	54	31.9	33.1	6.83	27.41	318	111	A	V
		5076.16	55.05	-18.95	74	42.71	33.3	6.49	27.45	100	89	P	H
		5081.6	45.79	-8.21	54	33.47	33.27	6.5	27.45	100	89	A	H
	*	5300	110.86	-	-	98.4	33.1	6.78	27.42	100	89	P	H
	*	5300	101.48	-	-	89.02	33.1	6.78	27.42	100	89	A	H
802.11be		5355.36	56.23	-17.77	74	43.73	33.1	6.82	27.42	100	89	P	H
EHT20 Full		5352.72	45.96	-8.04	54	33.46	33.1	6.82	27.42	100	89	A	H
CH 60		5077.18	54.51	-19.49	74	42.18	33.29	6.49	27.45	296	111	P	V
5300MHz		5046.92	45.76	-8.24	54	33.39	33.39	6.43	27.45	296	111	A	V
	*	5300	108.82	-	-	96.36	33.1	6.78	27.42	296	111	P	V
	*	5300	99.74	-	-	87.28	33.1	6.78	27.42	296	111	A	V
		5351.04	55.2	-18.8	74	42.7	33.1	6.82	27.42	296	111	P	V
		5353.68	45.04	-8.96	54	32.54	33.1	6.82	27.42	296	111	A	V

	*	5320	109.35	-	-	96.88	33.1	6.79	27.42	263	59	P	H
	*	5320	101.12	-	-	88.65	33.1	6.79	27.42	263	59	A	H
		5351.68	59.54	-14.46	74	47.04	33.1	6.82	27.42	263	59	P	H
		5352.96	51.64	-2.36	54	39.14	33.1	6.82	27.42	263	59	A	H
802.11be													H
EHT20 Full													H
CH 64	*	5320	104.27	-	-	91.8	33.1	6.79	27.42	400	109	P	V
5320MHz	*	5320	95.81	-	-	83.34	33.1	6.79	27.42	400	109	A	V
		5358.56	54.68	-19.32	74	42.18	33.1	6.82	27.42	400	109	P	V
		5351.2	46.41	-7.59	54	33.91	33.1	6.82	27.42	400	109	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	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)
		10520	46.79	-21.41	68.2	53.23	39.14	10.82	56.4	-	-	P	H
		15780	57.99	-16.01	74	63.79	37.8	12.61	56.21	100	80	P	H
		15780	46.52	-7.48	54	52.32	37.8	12.61	56.21	100	80	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 52		10520	47.58	-20.62	68.2	54.02	39.14	10.82	56.4	-	-	P	V
5260MHz		15780	61.44	-12.56	74	67.24	37.8	12.61	56.21	106	82	P	V
		15780	48.42	-5.58	54	54.22	37.8	12.61	56.21	106	82	A	V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10600	44.78	-29.22	74	51.01	39.3	10.87	56.4	-	-	P	H
		15900	56.87	-17.13	74	62.48	37.8	12.64	56.05	100	83	P	H
		15900	44.82	-9.18	54	50.43	37.8	12.64	56.05	100	83	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20													H
CH 60		10600	46.32	-27.68	74	52.55	39.3	10.87	56.4	-	-	P	V
5300MHz		15900	58.58	-15.42	74	64.19	37.8	12.64	56.05	109	83	P	V
		15900	45.56	-8.44	54	51.17	37.8	12.64	56.05	109	83	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10640	46.95	-27.05	74	53.11	39.34	10.9	56.4	-	-	P	H
		15960	55.97	-18.03	74	61.55	37.74	12.65	55.97	100	73	P	H
		15960	39.63	-14.37	54	45.21	37.74	12.65	55.97	100	73	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 64		10640	46.36	-27.64	74	52.52	39.34	10.9	56.4	-	-	P	V
5320MHz		15960	56.29	-17.71	74	61.87	37.74	12.65	55.97	113	96	P	V
		15960	40.89	-13.11	54	46.47	37.74	12.65	55.97	113	96	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11be EHT40 Full (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)
		5148.92	53.74	-20.26	74	41.36	33.2	6.62	27.44	265	59	P	H
		5030.94	45.51	-8.49	54	33.2	33.36	6.41	27.46	265	59	A	H
	*	5270	108.81	-	-	96.38	33.1	6.76	27.43	265	59	P	H
	*	5270	99.76	-	-	87.33	33.1	6.76	27.43	265	59	A	H
802.11be		5350.08	60.29	-13.71	74	47.79	33.1	6.82	27.42	265	59	P	H
EHT40 Full		5350.32	50.11	-3.89	54	37.61	33.1	6.82	27.42	265	59	A	H
CH 54		5117.98	53.59	-20.41	74	41.28	33.2	6.56	27.45	386	108	P	V
5270MHz		5067.32	45.49	-8.51	54	33.14	33.33	6.47	27.45	386	108	A	V
	*	5270	104.93	-	-	92.5	33.1	6.76	27.43	386	108	P	V
	*	5270	95.83	-	-	83.4	33.1	6.76	27.43	386	108	A	V
		5356.56	54	-20	74	41.5	33.1	6.82	27.42	386	108	P	V
		5351.04	45.99	-8.01	54	33.49	33.1	6.82	27.42	386	108	A	V
		5042.5	54.36	-19.64	74	41.99	33.39	6.43	27.45	256	59	P	H
		5113.56	45.35	-8.65	54	33.05	33.2	6.55	27.45	256	59	A	H
	*	5310	103.78	-	-	91.31	33.1	6.79	27.42	256	59	P	H
	*	5310	94.72	-	-	82.25	33.1	6.79	27.42	256	59	A	H
802.11be		5350.56	63.99	-10.01	74	51.49	33.1	6.82	27.42	256	59	P	H
EHT40 Full		5351.04	51.48	-2.52	54	38.98	33.1	6.82	27.42	256	59	A	H
CH 62		5040.46	54.01	-19.99	74	41.67	33.38	6.42	27.46	400	108	P	V
5310MHz		5052.7	45.33	-8.67	54	32.95	33.39	6.44	27.45	400	108	A	V
	*	5310	98.79	-	-	86.32	33.1	6.79	27.42	400	108	P	V
	*	5310	89.83	-	-	77.36	33.1	6.79	27.42	400	108	A	V
		5350.8	61.27	-12.73	74	48.77	33.1	6.82	27.42	400	108	P	V
		5351.76	47.8	-6.2	54	35.3	33.1	6.82	27.42	400	108	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	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)
		10540	46.19	-22.01	68.2	52.57	39.18	10.84	56.4	-	-	P	H
		15810	53.59	-20.41	74	59.34	37.8	12.62	56.17	100	83	P	H
		15810	42.19	-11.81	54	47.94	37.8	12.62	56.17	100	83	A	H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 54		10540	46.97	-21.23	68.2	53.35	39.18	10.84	56.4	-	-	P	V
5270MHz		15810	57.89	-16.11	74	63.64	37.8	12.62	56.17	107	95	P	V
		15810	44.69	-9.31	54	50.44	37.8	12.62	56.17	107	95	A	V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		10620	45.77	-28.23	74	51.96	39.32	10.89	56.4	-	-	P	H
		15930	44.56	-29.44	74	50.16	37.77	12.64	56.01	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 62		10620	45.76	-28.24	74	51.95	39.32	10.89	56.4	-	-	P	V
5310MHz		15930	45.03	-28.97	74	50.63	37.77	12.64	56.01	-	-	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	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)
802.11be EHT80 Full CH 58 5290MHz		5078.54	54.42	-19.58	74	42.09	33.29	6.49	27.45	100	87	P	H
		5060.86	44.86	-9.14	54	32.49	33.36	6.46	27.45	100	87	A	H
	*	5290	101.76	-	-	89.32	33.1	6.77	27.43	100	87	P	H
	*	5290	92.2	-	-	79.76	33.1	6.77	27.43	100	87	A	H
		5357.52	64.25	-9.75	74	51.75	33.1	6.82	27.42	100	87	P	H
		5351.04	52.35	-1.65	54	39.85	33.1	6.82	27.42	100	87	A	H
		5053.72	54.58	-19.42	74	42.19	33.39	6.45	27.45	300	105	P	V
		5065.28	44.87	-9.13	54	32.51	33.34	6.47	27.45	300	105	A	V
	*	5290	100.38	-	-	87.94	33.1	6.77	27.43	300	105	P	V
	*	5290	90.22	-	-	77.78	33.1	6.77	27.43	300	105	A	V
		5375.52	62.27	-11.73	74	49.75	33.1	6.83	27.41	300	105	P	V
		5350.32	51.08	-2.92	54	38.58	33.1	6.82	27.42	300	105	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	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)
		10580	45.97	-22.23	68.2	52.25	39.26	10.86	56.4	-	-	P	H
		15870	44.15	-29.85	74	49.81	37.8	12.63	56.09	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 58		10580	45.73	-22.47	68.2	52.01	39.26	10.86	56.4	-	-	P	V
5290MHz		15870	43.45	-30.55	74	49.11	37.8	12.63	56.09	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 3+4		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11a CH 100 5500MHz		5457.52	54.62	-19.38	74	42.1	33.1	6.83	27.41	100	300	P	H
		5470	61.48	-6.72	68.2	48.96	33.1	6.82	27.4	100	300	P	H
		5458.96	43.96	-10.04	54	31.43	33.1	6.83	27.4	100	300	A	H
	*	5500	107.5	-	-	94.99	33.1	6.81	27.4	100	300	P	H
	*	5500	100.31	-	-	87.8	33.1	6.81	27.4	100	300	A	H
													H
		5435.44	53.37	-20.63	74	40.84	33.1	6.84	27.41	400	85	P	V
		5469.2	61.12	-7.08	68.2	48.6	33.1	6.82	27.4	400	85	P	V
		5458.64	43.85	-10.15	54	31.32	33.1	6.83	27.4	400	85	A	V
	*	5500	107.03	-	-	94.52	33.1	6.81	27.4	400	85	P	V
	*	5500	99.7	-	-	87.19	33.1	6.81	27.4	400	85	A	V
													V
802.11a CH 116 5580MHz		5370.16	52.36	-21.64	74	39.85	33.1	6.83	27.42	100	302	P	H
		5461.36	52.66	-15.54	68.2	40.13	33.1	6.83	27.4	100	302	P	H
		5459.2	43.41	-10.59	54	30.88	33.1	6.83	27.4	100	302	A	H
	*	5580	107.94	-	-	95.48	33.1	6.78	27.42	100	302	P	H
	*	5580	101.04	-	-	88.58	33.1	6.78	27.42	100	302	A	H
		5730.98	53.32	-14.88	68.2	40.12	33.79	6.87	27.46	100	302	P	H
		5440.48	52.57	-21.43	74	40.05	33.1	6.83	27.41	400	90	P	V
		5461.84	51.63	-16.57	68.2	39.1	33.1	6.83	27.4	400	90	P	V
		5459.2	43.47	-10.53	54	30.94	33.1	6.83	27.4	400	90	A	V
	*	5580	108.02	-	-	95.56	33.1	6.78	27.42	400	90	P	V
	*	5580	101.19	-	-	88.73	33.1	6.78	27.42	400	90	A	V
		5745.785	54.04	-14.16	68.2	40.75	33.87	6.88	27.46	400	90	P	V

802.11a CH 140 5700MHz	*	5700	111.16	-	-	98.16	33.6	6.85	27.45	100	121	P	H
	*	5700	103.08	-	-	90.08	33.6	6.85	27.45	100	121	A	H
		5727	66.07	-2.13	68.2	52.9	33.76	6.87	27.46	100	121	P	H
													H
													H
													H
	*	5700	106.59	-	-	93.59	33.6	6.85	27.45	237	341	P	V
	*	5700	99.5	-	-	86.5	33.6	6.85	27.45	237	341	A	V
		5725	62.43	-5.77	68.2	49.28	33.75	6.86	27.46	237	341	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	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)
		11000	45.95	-28.05	74	52.33	38.9	11.13	56.41	-	-	P	H
		16500	57.89	-10.31	68.2	61.94	38.4	13.16	55.61	100	75	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 100		11000	46.37	-27.63	74	52.75	38.9	11.13	56.41	-	-	P	V
5500MHz		16500	64.05	-4.15	68.2	68.1	38.4	13.16	55.61	100	84	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11160	45.83	-28.17	74	52.12	38.9	11.11	56.3	-	-	P	H
		16740	57.04	-11.16	68.2	61.39	38.1	13.41	55.86	100	65	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 116													H
5580MHz		11160	46.46	-27.54	74	52.75	38.9	11.11	56.3	-	-	P	V
		16740	64.06	-4.14	68.2	68.41	38.1	13.41	55.86	100	84	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11400	46.34	-27.66	74	52.18	39.1	11.07	56.01	-	-	P	H
		17100	59.9	-8.3	68.2	64.13	38.1	13.74	56.07	311	53	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 140													H
5700MHz		11400	46.07	-27.93	74	51.91	39.1	11.07	56.01	-	-	P	V
		17100	56.78	-11.42	68.2	61.01	38.1	13.74	56.07	316	1	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	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)
		5459.92	58.9	-15.1	74	46.37	33.1	6.83	27.4	100	88	P	H
		5470	63.61	-4.59	68.2	51.09	33.1	6.82	27.4	100	88	P	H
		5460	46.87	-7.13	54	34.34	33.1	6.83	27.4	100	88	A	H
	*	5500	108.14	-	-	95.63	33.1	6.81	27.4	100	88	P	H
802.11be	*	5500	100.13	-	-	87.62	33.1	6.81	27.4	100	88	A	H
EHT20 Full													H
CH 100		5459.6	58.67	-15.33	74	46.14	33.1	6.83	27.4	374	80	P	V
5500MHz		5470	65.09	-3.11	68.2	52.57	33.1	6.82	27.4	374	80	P	V
		5400	46.89	-7.11	54	34.35	33.1	6.85	27.41	374	80	A	V
	*	5500	108.37	-	-	95.86	33.1	6.81	27.4	374	80	P	V
	*	5500	100.33	-	-	87.82	33.1	6.81	27.4	374	80	A	V
													V
		5445.04	53.28	-20.72	74	40.76	33.1	6.83	27.41	100	90	P	H
		5461.84	53.26	-14.94	68.2	40.73	33.1	6.83	27.4	100	90	P	H
		5458.96	44.33	-9.67	54	31.8	33.1	6.83	27.4	100	90	A	H
	*	5580	108.48	-	-	96.02	33.1	6.78	27.42	100	90	P	H
802.11be	*	5580	99.07	-	-	86.61	33.1	6.78	27.42	100	90	A	H
EHT20 Full		5743.895	54.19	-14.01	68.2	40.91	33.86	6.88	27.46	100	90	P	H
CH 116		5440.48	53.07	-20.93	74	40.55	33.1	6.83	27.41	288	104	P	V
5580MHz		5461.84	52.31	-15.89	68.2	39.78	33.1	6.83	27.4	288	104	P	V
		5437.6	44.5	-9.5	54	31.98	33.1	6.83	27.41	288	104	A	V
	*	5580	108.35	-	-	95.89	33.1	6.78	27.42	288	104	P	V
	*	5580	99.92	-	-	87.46	33.1	6.78	27.42	288	104	A	V
		5761.85	54.25	-13.95	68.2	40.86	33.97	6.89	27.47	288	104	P	V

	*	5700	108.59	-	-	95.59	33.6	6.85	27.45	100	121	P	H
	*	5700	99.37	-	-	86.37	33.6	6.85	27.45	100	121	A	H
		5726.44	64.46	-3.74	68.2	51.3	33.76	6.86	27.46	100	121	P	H
													H
802.11be													H
EHT20 Full													H
CH 140	*	5700	104.98	-	-	91.98	33.6	6.85	27.45	236	342	P	V
5700MHz	*	5700	95.84	-	-	82.84	33.6	6.85	27.45	236	342	A	V
		5725.88	62.59	-5.61	68.2	49.43	33.76	6.86	27.46	236	342	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 Full (Harmonic @ 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)
		11000	45.97	-28.03	74	52.35	38.9	11.13	56.41	-	-	P	H
		16500	57.53	-10.67	68.2	61.58	38.4	13.16	55.61	100	71	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 100		11000	46.03	-27.97	74	52.41	38.9	11.13	56.41	-	-	P	V
5500MHz		16500	62	-6.2	68.2	66.05	38.4	13.16	55.61	100	73	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11160	46.76	-27.24	74	53.05	38.9	11.11	56.3	-	-	P	H
		16740	57.77	-10.43	68.2	62.12	38.1	13.41	55.86	100	57	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 116		11160	46	-28	74	52.29	38.9	11.11	56.3	-	-	P	V
5580MHz		16740	63.91	-4.29	68.2	68.26	38.1	13.41	55.86	100	84	P	V
													V
													V
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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)
		11400	46.07	-27.93	74	51.91	39.1	11.07	56.01	-	-	P	H
		17100	59.59	-8.61	68.2	63.82	38.1	13.74	56.07	178	76	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 140		11400	45.43	-28.57	74	51.27	39.1	11.07	56.01	-	-	P	V
5700MHz		17100	56.23	-11.97	68.2	60.46	38.1	13.74	56.07	211	94	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 EHT40 Full (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)
		5458	54.68	-19.32	74	42.16	33.1	6.83	27.41	250	59	P	H
		5470	62.23	-5.97	68.2	49.71	33.1	6.82	27.4	250	59	P	H
		5459.92	44.46	-9.54	54	31.93	33.1	6.83	27.4	250	59	A	H
	*	5510	103.84	-	-	91.33	33.1	6.81	27.4	250	59	P	H
802.11be	*	5510	94.72	-	-	82.21	33.1	6.81	27.4	250	59	A	H
EHT40 Full		5740.43	53.76	-14.44	68.2	40.5	33.84	6.88	27.46	250	59	P	H
CH 102		5457.28	53.72	-20.28	74	41.2	33.1	6.83	27.41	314	112	P	V
5510MHz		5465.2	56.58	-11.62	68.2	44.06	33.1	6.82	27.4	314	112	P	V
		5458	44.37	-9.63	54	31.85	33.1	6.83	27.41	314	112	A	V
	*	5510	101.54	-	-	89.03	33.1	6.81	27.4	314	112	P	V
	*	5510	92.71	-	-	80.2	33.1	6.81	27.4	314	112	A	V
		5764.685	53.32	-14.88	68.2	39.91	33.99	6.89	27.47	314	112	P	V
		5457.76	55.02	-18.98	74	42.5	33.1	6.83	27.41	258	59	P	H
		5465.44	55.88	-12.32	68.2	43.36	33.1	6.82	27.4	258	59	P	H
		5456.08	45.01	-8.99	54	32.49	33.1	6.83	27.41	258	59	A	H
	*	5550	108.05	-	-	95.57	33.1	6.79	27.41	258	59	P	H
802.11be	*	5550	99.84	-	-	87.36	33.1	6.79	27.41	258	59	A	H
EHT40 Full		5763.11	53.48	-14.72	68.2	40.08	33.98	6.89	27.47	258	59	P	H
CH 110		5448.64	53.87	-20.13	74	41.35	33.1	6.83	27.41	315	105	P	V
5550MHz		5468.8	55.32	-12.88	68.2	42.8	33.1	6.82	27.4	315	105	P	V
		5459.68	44.28	-9.72	54	31.75	33.1	6.83	27.4	315	105	A	V
	*	5550	106.69	-	-	94.21	33.1	6.79	27.41	315	105	P	V
	*	5550	97.55	-	-	85.07	33.1	6.79	27.41	315	105	A	V
		5731.925	54.6	-13.6	68.2	41.4	33.79	6.87	27.46	315	105	P	V

		5417.9	52.97	-21.03	74	40.44	33.1	6.84	27.41	251	60	P	H
		5469	52.94	-15.26	68.2	40.42	33.1	6.82	27.4	251	60	P	H
		5456.75	43.79	-10.21	54	31.27	33.1	6.83	27.41	251	60	A	H
	*	5670	106.5	-	-	93.76	33.36	6.82	27.44	251	60	P	H
802.11be	*	5670	98.03	-	-	85.29	33.36	6.82	27.44	251	60	A	H
EHT40 Full		5726.255	64.43	-3.77	68.2	51.27	33.76	6.86	27.46	251	60	P	H
CH 134		5449.4	52.45	-21.55	74	39.93	33.1	6.83	27.41	325	108	P	V
5670MHz		5470.05	52.55	-97.45	150	40.03	33.1	6.82	27.4	325	108	P	V
		5452.9	43.63	-10.37	54	31.11	33.1	6.83	27.41	325	108	A	V
	*	5670	105.71	-	-	92.97	33.36	6.82	27.44	325	108	P	V
	*	5670	97.2	-	-	84.46	33.36	6.82	27.44	325	108	A	V
		5728.145	62.21	-5.99	68.2	49.03	33.77	6.87	27.46	325	108	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	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)
		11020	46.31	-27.69	74	52.68	38.9	11.13	56.4	-	-	P	H
		16530	44.47	-23.73	68.2	48.63	38.28	13.2	55.64	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 102		11020	46.06	-27.94	74	52.43	38.9	11.13	56.4	-	-	P	V
5510MHz		16530	45.15	-23.05	68.2	49.31	38.28	13.2	55.64	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11100	45.98	-28.02	74	52.3	38.9	11.12	56.34	-	-	P	H
		16650	53.73	-14.47	68.2	58.13	38.05	13.32	55.77	100	57	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 110		11100	45.53	-28.47	74	51.85	38.9	11.12	56.34	-	-	P	V
5550MHz		16650	60.96	-7.24	68.2	65.36	38.05	13.32	55.77	105	85	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11340	45.95	-28.05	74	52.01	39.04	11.08	56.18	-	-	P	H
		17010	59.61	-8.59	68.2	64.07	38.01	13.69	56.16	100	59	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 134		11340	45.01	-28.99	74	51.07	39.04	11.08	56.18	-	-	P	V
5670MHz		17010	65.14	-3.06	68.2	69.6	38.01	13.69	56.16	116	85	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 EHT80 Full (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)
		5455.12	58.71	-15.29	74	46.19	33.1	6.83	27.41	261	58	P	H
		5469.76	64.45	-3.75	68.2	51.93	33.1	6.82	27.4	261	58	P	H
		5458.24	45.39	-8.61	54	32.87	33.1	6.83	27.41	261	58	A	H
	*	5530	102.4	-	-	89.91	33.1	6.8	27.41	261	58	P	H
802.11be	*	5530	92.24	-	-	79.75	33.1	6.8	27.41	261	58	A	H
EHT80 Full		5735.39	53.73	-14.47	68.2	40.51	33.81	6.87	27.46	261	58	P	H
CH 106		5458.48	56.4	-17.6	74	43.87	33.1	6.83	27.4	297	106	P	V
5530MHz		5466.64	58.58	-9.62	68.2	46.06	33.1	6.82	27.4	297	106	P	V
		5457.28	44.89	-9.11	54	32.37	33.1	6.83	27.41	297	106	A	V
	*	5530	100.44	-	-	87.95	33.1	6.8	27.41	297	106	P	V
	*	5530	89.96	-	-	77.47	33.1	6.8	27.41	297	106	A	V
		5760.275	53.49	-14.71	68.2	40.11	33.96	6.89	27.47	297	106	P	V
		5446.46	57.11	-16.89	74	44.59	33.1	6.83	27.41	259	60	P	H
		5469.08	55.88	-12.32	68.2	43.36	33.1	6.82	27.4	259	60	P	H
		5458.42	46.7	-7.3	54	34.17	33.1	6.83	27.4	259	60	A	H
	*	5610	106.73	-	-	94.26	33.12	6.78	27.43	259	60	P	H
802.11be	*	5610	97.17	-	-	84.7	33.12	6.78	27.43	259	60	A	H
EHT80 Full		5725.94	59.34	-8.86	68.2	46.18	33.76	6.86	27.46	259	60	P	H
CH 122		5452.7	55.28	-18.72	74	42.76	33.1	6.83	27.41	339	104	P	V
5610MHz		5460.76	55.3	-12.9	68.2	42.77	33.1	6.83	27.4	339	104	P	V
		5457.9	45.53	-8.47	54	33.01	33.1	6.83	27.41	339	104	A	V
	*	5610	103.59	-	-	91.12	33.12	6.78	27.43	339	104	P	V
	*	5610	94.71	-	-	82.24	33.12	6.78	27.43	339	104	A	V
		5731.295	59.12	-9.08	68.2	45.92	33.79	6.87	27.46	339	104	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	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)
		11060	45.88	-28.12	74	52.23	38.9	11.12	56.37	-	-	P	H
		16590	45.6	-22.6	68.2	50.01	38.04	13.26	55.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 106		11060	46.56	-27.44	74	52.91	38.9	11.12	56.37	-	-	P	V
5530MHz		16590	45.89	-22.31	68.2	50.3	38.04	13.26	55.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11220	45.64	-28.36	74	51.88	38.92	11.1	56.26	-	-	P	H
		16830	53.33	-14.87	68.2	57.71	38.07	13.51	55.96	100	58	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 122		11220	46.14	-27.86	74	52.38	38.92	11.1	56.26	-	-	P	V
5610MHz		16830	61.81	-6.39	68.2	66.19	38.07	13.51	55.96	112	84	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 EHT160 Full (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)
802.11be EHT160 Full CH 114 5570MHz		5459.92	61.18	-12.82	74	48.65	33.1	6.83	27.4	100	89	P	H
		5470	62.19	-6.01	68.2	49.67	33.1	6.82	27.4	100	89	P	H
		5454.88	51.19	-2.81	54	38.67	33.1	6.83	27.41	100	89	A	H
	*	5570	96.28	-	-	83.82	33.1	6.78	27.42	100	89	P	H
	*	5570	87.25	-	-	74.79	33.1	6.78	27.42	100	89	A	H
		5725	59.82	-8.38	68.2	46.67	33.75	6.86	27.46	100	89	P	H
		5457.04	60.56	-13.44	74	48.04	33.1	6.83	27.41	273	108	P	V
		5461.36	61.24	-6.96	68.2	48.71	33.1	6.83	27.4	273	108	P	V
		5451.04	49.83	-4.17	54	37.31	33.1	6.83	27.41	273	108	A	V
	*	5570	96.6	-	-	84.14	33.1	6.78	27.42	273	108	P	V
	*	5570	86.43	-	-	73.97	33.1	6.78	27.42	273	108	A	V
		5726.57	62.79	-5.41	68.2	49.63	33.76	6.86	27.46	273	108	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	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)
802.11be EHT160 Full CH 114 5570MHz		11140	46.36	-27.64	74	52.66	38.9	11.11	56.31	-	-	P	H
		16710	44.58	-23.62	68.2	48.93	38.1	13.38	55.83	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		11140	45.5	-28.5	74	51.8	38.9	11.11	56.31	-	-	P	V
		16710	45.69	-22.51	68.2	50.04	38.1	13.38	55.83	-	-	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 802.11a (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 144 5720MHz		5459.98	52.77	-21.23	74	40.24	33.1	6.83	27.4	100	123	P	H
		5465.83	52.82	-15.38	68.2	40.3	33.1	6.82	27.4	100	123	P	H
		5459.98	43.72	-10.28	54	31.19	33.1	6.83	27.4	100	123	A	H
	*	5720	110.91	-	-	97.79	33.72	6.86	27.46	100	123	P	H
	*	5720	103.99	-	-	90.87	33.72	6.86	27.46	100	123	A	H
		5871.5	55.18	-13.02	68.2	41.34	34.39	6.95	27.5	100	123	P	H
		5459.2	52.84	-21.16	74	40.31	33.1	6.83	27.4	247	334	P	V
		5461.54	52.31	-15.89	68.2	39.78	33.1	6.83	27.4	247	334	P	V
		5442.82	43.55	-10.45	54	31.03	33.1	6.83	27.41	247	334	A	V
	*	5720	105.8	-	-	92.68	33.72	6.86	27.46	247	334	P	V
	*	5720	100.16	-	-	87.04	33.72	6.86	27.46	247	334	A	V
		5926	54.94	-13.26	68.2	40.99	34.5	6.96	27.51	247	334	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	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)
		11440	45.5	-28.5	74	51.4	39.02	11.07	55.99	-	-	P	H
		17160	63.74	-4.46	68.2	67.84	38.28	13.78	56.16	180	78	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 144		11440	45.49	-28.51	74	51.39	39.02	11.07	55.99	-	-	P	V
5720MHz		17160	57.46	-10.74	68.2	61.56	38.28	13.78	56.16	264	0	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 EHT20 Full (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)
		5390.56	53.18	-20.82	74	40.65	33.1	6.84	27.41	100	121	P	H
		5467.78	52.47	-15.73	68.2	39.95	33.1	6.82	27.4	100	121	P	H
		5451.79	44.37	-9.63	54	31.85	33.1	6.83	27.41	100	121	A	H
	*	5720	110.31	-	-	97.19	33.72	6.86	27.46	100	121	P	H
802.11be	*	5720	102.42	-	-	89.3	33.72	6.86	27.46	100	121	A	H
EHT20 Full		5931.5	54.93	-13.27	68.2	40.97	34.5	6.97	27.51	100	121	P	H
CH 144		5447.5	52.84	-21.16	74	40.32	33.1	6.83	27.41	236	344	P	V
5720MHz		5467	52.12	-16.08	68.2	39.6	33.1	6.82	27.4	236	344	P	V
		5452.18	44.26	-9.74	54	31.74	33.1	6.83	27.41	236	344	A	V
	*	5720	106.14	-	-	93.02	33.72	6.86	27.46	236	344	P	V
	*	5720	98.28	-	-	85.16	33.72	6.86	27.46	236	344	A	V
		5905.25	55.04	-13.16	68.2	41.09	34.5	6.96	27.51	236	344	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	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)
		11440	45.08	-28.92	74	50.98	39.02	11.07	55.99	-	-	P	H
		17160	60.49	-7.71	68.2	64.59	38.28	13.78	56.16	234	5	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20 Full													H
CH 144		11440	44.68	-29.32	74	50.58	39.02	11.07	55.99	-	-	P	V
5720MHz		17160	58.58	-9.62	68.2	62.68	38.28	13.78	56.16	224	11	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	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)
		5449.06	53.37	-20.63	74	40.85	33.1	6.83	27.41	249	59	P	H
		5462.71	51.97	-16.23	68.2	39.45	33.1	6.82	27.4	249	59	P	H
		5459.59	43.81	-10.19	54	31.28	33.1	6.83	27.4	249	59	A	H
	*	5710	106.17	-	-	93.11	33.66	6.85	27.45	249	59	P	H
802.11be	*	5710	97.53	-	-	84.47	33.66	6.85	27.45	249	59	A	H
EHT40 Full		5887.5	55.21	-12.99	68.2	41.31	34.45	6.95	27.5	249	59	P	H
CH 142		5448.67	52.69	-21.31	74	40.17	33.1	6.83	27.41	321	113	P	V
5710MHz		5468.56	53.43	-14.77	68.2	40.91	33.1	6.82	27.4	321	113	P	V
		5445.55	43.48	-10.52	54	30.96	33.1	6.83	27.41	321	113	A	V
	*	5710	105.37	-	-	92.31	33.66	6.85	27.45	321	113	P	V
	*	5710	97.24	-	-	84.18	33.66	6.85	27.45	321	113	A	V
		5865	55.36	-12.84	68.2	41.55	34.36	6.94	27.49	321	113	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	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)
		11420	45.54	-28.46	74	51.53	39.06	11.07	56.12	-	-	P	H
		17130	61.46	-6.74	68.2	65.89	38.19	13.76	56.38	100	66	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40 Full													H
CH 142		11420	45.62	-28.38	74	51.61	39.06	11.07	56.12	-	-	P	V
5710MHz		17130	64.88	-3.32	68.2	69.31	38.19	13.76	56.38	117	89	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	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)
		5442.43	53.58	-20.42	74	41.06	33.1	6.83	27.41	251	60	P	H
		5469.73	53.47	-14.73	68.2	40.95	33.1	6.82	27.4	251	60	P	H
		5455.3	43.98	-10.02	54	31.46	33.1	6.83	27.41	251	60	A	H
	*	5690	103.98	-	-	91.07	33.52	6.84	27.45	251	60	P	H
802.11be	*	5690	95.29	-	-	82.38	33.52	6.84	27.45	251	60	A	H
EHT80 Full		5861.5	55.41	-12.79	68.2	41.61	34.35	6.94	27.49	251	60	P	H
CH 138		5444.77	53.58	-20.42	74	41.06	33.1	6.83	27.41	338	115	P	V
5690MHz		5465.83	53.35	-14.85	68.2	40.83	33.1	6.82	27.4	338	115	P	V
		5447.5	43.81	-10.19	54	31.29	33.1	6.83	27.41	338	115	A	V
	*	5690	102.78	-	-	89.87	33.52	6.84	27.45	338	115	P	V
	*	5690	94.06	-	-	81.15	33.52	6.84	27.45	338	115	A	V
		5882.2	56.19	-12.01	68.2	42.31	34.43	6.95	27.5	338	115	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	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)
		11380	45.96	-28.04	74	51.95	39.08	11.08	56.15	-	-	P	H
		17070	61.21	-6.99	68.2	65.69	38.07	13.72	56.27	100	72	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80 Full													H
CH 138		11380	45.72	-28.28	74	51.71	39.08	11.08	56.15	-	-	P	V
5690MHz		17070	62.85	-5.35	68.2	67.33	38.07	13.72	56.27	100	89	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission above 1GHz

WIFI 802.11be EHT160 Full (SHF @ 1m)

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)
		25065	40.5	-27.7	68.2	57.02	39.15	-2.57	53.1	-	-	P	H
		37621	47.05	-21.15	68.2	62.22	43.54	-1.06	57.65	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT160													H
Full		23931	41.57	-32.43	74	59.46	38.53	-2.59	53.83	-	-	P	V
SHF		39441	47.43	-26.57	74	60.26	44.33	-0.71	56.45	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11be EHT160 Full (LF @ 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)
802.11be EHT160 Full LF		30.81	23.31	-16.69	40	29.96	24.69	0.82	32.16	-	-	P	H
		126.12	18.44	-25.06	43.5	31.58	17.72	1.27	32.13	-	-	P	H
		264.09	20.54	-25.46	46	30.51	20.37	1.72	32.06	-	-	P	H
		572.3	27.19	-18.81	46	30.88	26.16	2.18	32.03	-	-	P	H
		717.9	34.31	-11.69	46	36.67	27.05	2.66	32.07	-	-	P	H
		965	33.71	-20.29	54	30.32	31.12	3.09	30.82	-	-	P	H
													H
													H
													H
													H
													H
													H
		31.35	22.8	-17.2	40	29.75	24.4	0.81	32.16	-	-	P	V
		126.39	17.74	-25.76	43.5	30.87	17.73	1.27	32.13	-	-	P	V
		258.15	19.75	-26.25	46	30.36	19.73	1.72	32.06	-	-	P	V
		570.2	27.28	-18.72	46	30.92	26.2	2.2	32.04	-	-	P	V
		903.4	36.5	-9.5	46	35.9	28.97	2.98	31.35	-	-	P	V
		966.4	33.56	-20.44	54	30.15	31.12	3.09	30.8	-	-	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.

Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5643	53.23	-14.97	68.2	40.68	33.19	6.8	27.44	204	70	P	H
		5684	53.32	-40.08	93.4	40.47	33.47	6.83	27.45	204	70	P	H
		5718.2	60.43	-49.87	110.3	47.32	33.71	6.86	27.46	204	70	P	H
		5724.4	72.81	-48.02	120.83	59.66	33.75	6.86	27.46	204	70	P	H
	*	5745	106.07	-	-	92.78	33.87	6.88	27.46	204	70	P	H
	*	5745	99.88	-	-	86.59	33.87	6.88	27.46	204	70	A	H
													H
													H
		5631	52.59	-15.61	68.2	40.07	33.16	6.79	27.43	377	107	P	V
		5693.4	53.11	-47.22	100.33	40.17	33.55	6.84	27.45	377	107	P	V
		5717.8	62.28	-47.9	110.18	49.17	33.71	6.86	27.46	377	107	P	V
		5722.6	74.27	-42.46	116.73	61.13	33.74	6.86	27.46	377	107	P	V
	*	5745	109.73	-	-	96.44	33.87	6.88	27.46	377	107	P	V
	*	5745	102.23	-	-	88.94	33.87	6.88	27.46	377	107	A	V
													V
													V

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)
		5615.6	52.22	-15.98	68.2	39.74	33.13	6.78	27.43	268	69	P	H
		5690.6	53.04	-45.23	98.27	40.13	33.52	6.84	27.45	268	69	P	H
		5706.8	53.17	-53.94	107.11	40.13	33.64	6.85	27.45	268	69	P	H
		5721.8	52.46	-62.44	114.9	39.33	33.73	6.86	27.46	268	69	P	H
	*	5785	106.84	-	-	93.29	34.11	6.91	27.47	268	69	P	H
	*	5785	99.89	-	-	86.34	34.11	6.91	27.47	268	69	A	H
		5853.8	54.68	-58.86	113.54	40.91	34.32	6.94	27.49	268	69	P	H
		5865	54.68	-53.32	108	40.87	34.36	6.94	27.49	268	69	P	H
		5887.4	54.37	-41.62	95.99	40.47	34.45	6.95	27.5	268	69	P	H
		5932.6	53.26	-14.94	68.2	39.3	34.5	6.97	27.51	268	69	P	H
													H
802.11a													H
CH 157		5649.6	53.53	-14.67	68.2	40.96	33.2	6.81	27.44	374	106	P	V
5785MHz		5666.6	53.8	-26.72	80.52	41.09	33.33	6.82	27.44	374	106	P	V
		5702.6	53.5	-52.43	105.93	40.48	33.62	6.85	27.45	374	106	P	V
		5724.4	53.06	-67.77	120.83	39.91	33.75	6.86	27.46	374	106	P	V
	*	5785	109.27	-	-	95.72	34.11	6.91	27.47	374	106	P	V
	*	5785	102.09	-	-	88.54	34.11	6.91	27.47	374	106	A	V
		5852.2	52.95	-64.23	117.18	39.19	34.31	6.94	27.49	374	106	P	V
		5869.6	54.29	-52.42	106.71	40.47	34.38	6.94	27.5	374	106	P	V
		5924	54.18	-14.76	68.94	40.23	34.5	6.96	27.51	374	106	P	V
		5929	54.32	-13.88	68.2	40.36	34.5	6.97	27.51	374	106	P	V
													V
													V

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)
	*	5825	106.32	-	-	92.62	34.25	6.93	27.48	213	67	P	H
	*	5825	98.99	-	-	85.29	34.25	6.93	27.48	213	67	A	H
		5850	59.87	-62.33	122.2	46.12	34.3	6.94	27.49	213	67	P	H
		5859.6	58.55	-50.96	109.51	44.76	34.34	6.94	27.49	213	67	P	H
		5919.2	54.87	-17.61	72.48	40.92	34.5	6.96	27.51	213	67	P	H
		5950	54.39	-13.81	68.2	40.44	34.5	6.97	27.52	213	67	P	H
													H
802.11a													H
CH 165	*	5825	108.87	-	-	95.17	34.25	6.93	27.48	388	113	P	V
5825MHz	*	5825	101.69	-	-	87.99	34.25	6.93	27.48	388	113	A	V
		5853	60.5	-54.86	115.36	46.74	34.31	6.94	27.49	388	113	P	V
		5858.4	58.41	-51.44	109.85	44.63	34.33	6.94	27.49	388	113	P	V
		5914.6	54.54	-21.33	75.87	40.59	34.5	6.96	27.51	388	113	P	V
		5942.6	53.69	-14.51	68.2	39.74	34.5	6.97	27.52	388	113	P	V
													V
													V
													V

Remark

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

Band 4 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	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)
		11490	46.07	-27.93	74	52.06	38.92	11.06	55.97	-	-	P	H
		17235	57.62	-10.58	68.2	61.7	38.37	13.83	56.28	141	70	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 149		11490	46.53	-27.47	74	52.52	38.92	11.06	55.97	-	-	P	V
5745MHz		17235	64.41	-3.79	68.2	68.49	38.37	13.83	56.28	110	60	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11570	45.51	-28.49	74	51.65	38.76	11.06	55.96	-	-	P	H
		17355	60.5	-7.7	68.2	64.54	38.52	13.9	56.46	145	78	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 157													H
5785MHz		11570	46.13	-27.87	74	52.27	38.76	11.06	55.96	-	-	P	V
		17355	64.78	-3.42	68.2	68.82	38.52	13.9	56.46	107	60	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11650	45.59	-28.41	74	51.9	38.6	11.05	55.96	-	-	P	H
		17475	60.23	-7.97	68.2	64.04	38.85	13.98	56.64	131	80	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
CH 165													H
5825MHz		11650	45.23	-28.77	74	51.54	38.6	11.05	55.96	-	-	P	V
		17475	65.77	-2.43	68.2	69.58	38.85	13.98	56.64	114	97	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 4 5725~5850MHz

WIFI 802.11be EHT20 (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)
		5641	53.08	-15.12	68.2	40.54	33.18	6.8	27.44	197	64	P	H
		5693.4	54.31	-46.02	100.33	41.37	33.55	6.84	27.45	197	64	P	H
		5718	65.35	-44.89	110.24	52.24	33.71	6.86	27.46	197	64	P	H
		5725	73.09	-49.11	122.2	59.94	33.75	6.86	27.46	197	64	P	H
	*	5745	105.39	-	-	92.1	33.87	6.88	27.46	197	64	P	H
	*	5745	97.09	-	-	83.8	33.87	6.88	27.46	197	64	A	H
802.11be													H
EHT20													H
CH 149		5633.6	52.86	-15.34	68.2	40.32	33.17	6.8	27.43	380	108	P	V
5745MHz		5691.8	53.72	-45.43	99.15	40.8	33.53	6.84	27.45	380	108	P	V
		5720	66.63	-44.17	110.8	53.51	33.72	6.86	27.46	380	108	P	V
		5724.8	73.48	-48.26	121.74	60.33	33.75	6.86	27.46	380	108	P	V
	*	5745	108.11	-	-	94.82	33.87	6.88	27.46	380	108	P	V
	*	5745	100.05	-	-	86.76	33.87	6.88	27.46	380	108	A	V
													V
													V

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)
		5604.6	53.97	-14.23	68.2	41.52	33.11	6.77	27.43	207	63	P	H
		5677	53.09	-35.13	88.22	40.29	33.42	6.83	27.45	207	63	P	H
		5719.2	53.14	-57.44	110.58	40.02	33.72	6.86	27.46	207	63	P	H
		5723.8	52.95	-66.51	119.46	39.81	33.74	6.86	27.46	207	63	P	H
	*	5785	106.51	-	-	92.96	34.11	6.91	27.47	207	63	P	H
	*	5785	97.84	-	-	84.29	34.11	6.91	27.47	207	63	A	H
		5850.6	52.8	-68.03	120.83	39.05	34.3	6.94	27.49	207	63	P	H
		5861	53.91	-55.21	109.12	40.12	34.34	6.94	27.49	207	63	P	H
		5924.8	53.81	-14.54	68.35	39.86	34.5	6.96	27.51	207	63	P	H
		5936.4	54.58	-13.62	68.2	40.62	34.5	6.97	27.51	207	63	P	H
802.11be													H
EHT20													H
CH 157		5612	53.07	-15.13	68.2	40.6	33.12	6.78	27.43	394	98	P	V
5785MHz		5683	53.27	-39.39	92.66	40.43	33.46	6.83	27.45	394	98	P	V
		5701.8	53.84	-51.86	105.7	40.83	33.61	6.85	27.45	394	98	P	V
		5721	52.05	-61.03	113.08	38.92	33.73	6.86	27.46	394	98	P	V
	*	5785	106.87	-	-	93.32	34.11	6.91	27.47	394	98	P	V
	*	5785	99.81	-	-	86.26	34.11	6.91	27.47	394	98	A	V
		5852	53.3	-64.34	117.64	39.54	34.31	6.94	27.49	394	98	P	V
		5856.4	53.57	-56.84	110.41	39.79	34.33	6.94	27.49	394	98	P	V
		5885.2	55.04	-42.59	97.63	41.15	34.44	6.95	27.5	394	98	P	V
		5944.2	54.55	-13.65	68.2	40.6	34.5	6.97	27.52	394	98	P	V
													V
													V

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)
	*	5825	107.14	-	-	93.44	34.25	6.93	27.48	202	68	P	H
	*	5825	97.46	-	-	83.76	34.25	6.93	27.48	202	68	A	H
		5850.8	66.6	-53.78	120.38	52.85	34.3	6.94	27.49	202	68	P	H
		5856.8	61.82	-48.48	110.3	48.04	34.33	6.94	27.49	202	68	P	H
		5918.2	54.97	-18.24	73.21	41.02	34.5	6.96	27.51	202	68	P	H
		5944.4	53.1	-15.1	68.2	39.15	34.5	6.97	27.52	202	68	P	H
802.11be													H
EHT20													H
CH 165	*	5825	107.92	-	-	94.22	34.25	6.93	27.48	349	112	P	V
5825MHz	*	5825	99.79	-	-	86.09	34.25	6.93	27.48	349	112	A	V
		5851.6	66.83	-51.72	118.55	53.07	34.31	6.94	27.49	349	112	P	V
		5856.8	59.05	-51.25	110.3	45.27	34.33	6.94	27.49	349	112	P	V
		5875.8	54.97	-49.64	104.61	41.12	34.4	6.95	27.5	349	112	P	V
		5930.8	54.1	-14.1	68.2	40.14	34.5	6.97	27.51	349	112	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

WIFI 802.11be EHT20 (Harmonic @ 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)
		11490	45.79	-28.21	74	51.78	38.92	11.06	55.97	-	-	P	H
		17235	60.08	-8.12	68.2	64.16	38.37	13.83	56.28	103	74	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20													H
CH 149		11490	46.75	-27.25	74	52.74	38.92	11.06	55.97	-	-	P	V
5745MHz		17235	62.27	-5.93	68.2	66.35	38.37	13.83	56.28	114	97	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11570	45.51	-28.49	74	51.65	38.76	11.06	55.96	-	-	P	H
		17355	58.81	-9.39	68.2	62.85	38.52	13.9	56.46	107	74	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20													H
CH 157		11570	45.35	-28.65	74	51.49	38.76	11.06	55.96	-	-	P	V
5785MHz		17355	63.49	-4.71	68.2	67.53	38.52	13.9	56.46	100	89	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11650	45.18	-28.82	74	51.49	38.6	11.05	55.96	-	-	P	H
		17475	58.75	-9.45	68.2	62.56	38.85	13.98	56.64	107	75	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT20													H
CH 165		11650	45.34	-28.66	74	51.65	38.6	11.05	55.96	-	-	P	V
5825MHz		17475	64.81	-3.39	68.2	68.62	38.85	13.98	56.64	109	98	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 4 5725~5850MHz

WIFI 802.11be EHT40 (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)
		5643.8	53.11	-15.09	68.2	40.56	33.19	6.8	27.44	258	58	P	H
		5699.8	58.05	-47	105.05	45.06	33.6	6.84	27.45	258	58	P	H
		5718.6	76.5	-33.91	110.41	63.39	33.71	6.86	27.46	258	58	P	H
		5722.8	77.97	-39.21	117.18	64.83	33.74	6.86	27.46	258	58	P	H
	*	5755	104	-	-	90.65	33.93	6.89	27.47	258	58	P	H
	*	5755	95.92	-	-	82.57	33.93	6.89	27.47	258	58	A	H
		5850.6	54.73	-66.1	120.83	40.98	34.3	6.94	27.49	258	58	P	H
		5872.2	53.65	-52.33	105.98	39.81	34.39	6.95	27.5	258	58	P	H
		5906.6	55.48	-26.3	81.78	41.53	34.5	6.96	27.51	258	58	P	H
		5942.6	54.03	-14.17	68.2	40.08	34.5	6.97	27.52	258	58	P	H
802.11be													H
EHT40													H
CH 151		5648.2	54.11	-14.09	68.2	41.54	33.2	6.81	27.44	400	107	P	V
5755MHz		5698.2	59.4	-44.47	103.87	46.42	33.59	6.84	27.45	400	107	P	V
		5718.8	75.35	-35.11	110.46	62.24	33.71	6.86	27.46	400	107	P	V
		5720.6	71.88	-40.29	112.17	58.76	33.72	6.86	27.46	400	107	P	V
	*	5755	103.6	-	-	90.25	33.93	6.89	27.47	400	107	P	V
	*	5755	95.53	-	-	82.18	33.93	6.89	27.47	400	107	A	V
		5852.8	53.55	-62.27	115.82	39.79	34.31	6.94	27.49	400	107	P	V
		5869.2	54.22	-52.6	106.82	40.4	34.38	6.94	27.5	400	107	P	V
		5910	54.29	-24.98	79.27	40.34	34.5	6.96	27.51	400	107	P	V
		5928.2	53.83	-14.37	68.2	39.88	34.5	6.96	27.51	400	107	P	V
													V
													V

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)
		5630.2	53.01	-15.19	68.2	40.49	33.16	6.79	27.43	261	59	P	H
		5654.4	53.71	-17.76	71.47	41.1	33.24	6.81	27.44	261	59	P	H
		5707.2	54.18	-53.04	107.22	41.14	33.64	6.85	27.45	261	59	P	H
		5723	53.68	-63.96	117.64	40.54	33.74	6.86	27.46	261	59	P	H
	*	5795	102.19	-	-	88.58	34.17	6.92	27.48	261	59	P	H
	*	5795	94.41	-	-	80.8	34.17	6.92	27.48	261	59	A	H
		5850.6	57.44	-63.39	120.83	43.69	34.3	6.94	27.49	261	59	P	H
		5860.2	56.78	-52.56	109.34	42.99	34.34	6.94	27.49	261	59	P	H
		5913.6	54.4	-22.21	76.61	40.45	34.5	6.96	27.51	261	59	P	H
		5934.8	53.97	-14.23	68.2	40.01	34.5	6.97	27.51	261	59	P	H
802.11be													H
EHT40													H
CH 159		5631.4	54.75	-13.45	68.2	42.23	33.16	6.79	27.43	392	108	P	V
5795MHz		5656.4	53.87	-19.08	72.95	41.25	33.25	6.81	27.44	392	108	P	V
		5719.4	52.76	-57.87	110.63	39.64	33.72	6.86	27.46	392	108	P	V
		5721.8	52.93	-61.97	114.9	39.8	33.73	6.86	27.46	392	108	P	V
	*	5795	102.27	-	-	88.66	34.17	6.92	27.48	392	108	P	V
	*	5795	94.2	-	-	80.59	34.17	6.92	27.48	392	108	A	V
		5852	56.65	-60.99	117.64	42.89	34.31	6.94	27.49	392	108	P	V
		5859	55.86	-53.82	109.68	42.07	34.34	6.94	27.49	392	108	P	V
		5876.8	53.95	-49.91	103.86	40.09	34.41	6.95	27.5	392	108	P	V
		5943.4	53.61	-14.59	68.2	39.66	34.5	6.97	27.52	392	108	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

WIFI 802.11be EHT40 (Harmonic @ 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)
		11510	46.45	-27.55	74	52.57	38.88	11.07	56.07	-	-	P	H
		17265	61.21	-6.99	68.2	65.67	38.33	13.84	56.63	100	69	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40													H
CH 151		11510	45.55	-28.45	74	51.67	38.88	11.07	56.07	-	-	P	V
5755MHz		17265	65.08	-3.12	68.2	69.54	38.33	13.84	56.63	100	88	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

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)
		11590	45.06	-28.94	74	51.35	38.72	11.06	56.07	-	-	P	H
		17385	62.41	-5.79	68.2	66.69	38.64	13.93	56.85	100	71	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT40													H
CH 159		11590	45.46	-28.54	74	51.75	38.72	11.06	56.07	-	-	P	V
5795MHz		17385	64.98	-3.22	68.2	69.26	38.64	13.93	56.85	100	91	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 4 5725~5850MHz

WIFI 802.11be EHT80 (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)
		5627.4	55.07	-13.13	68.2	42.56	33.15	6.79	27.43	262	59	P	H
		5688.4	67.72	-28.92	96.64	54.82	33.51	6.84	27.45	262	59	P	H
		5716.4	71.03	-38.76	109.79	57.93	33.7	6.86	27.46	262	59	P	H
		5722.2	70.49	-45.33	115.82	57.36	33.73	6.86	27.46	262	59	P	H
	*	5775	101.69	-	-	88.21	34.05	6.9	27.47	262	59	P	H
	*	5775	92.5	-	-	79.02	34.05	6.9	27.47	262	59	A	H
		5850	67.67	-54.53	122.2	53.92	34.3	6.94	27.49	262	59	P	H
		5860.8	67.63	-41.54	109.17	53.84	34.34	6.94	27.49	262	59	P	H
		5878	61.82	-41.15	102.97	47.96	34.41	6.95	27.5	262	59	P	H
		5926	55.44	-12.76	68.2	41.49	34.5	6.96	27.51	262	59	P	H
802.11be													H
EHT80													H
CH 155		5637.6	53.96	-14.24	68.2	41.42	33.18	6.8	27.44	400	108	P	V
5775MHz		5697.2	64.86	-38.28	103.14	51.89	33.58	6.84	27.45	400	108	P	V
		5718	69.17	-41.07	110.24	56.06	33.71	6.86	27.46	400	108	P	V
		5722.2	72.79	-43.03	115.82	59.66	33.73	6.86	27.46	400	108	P	V
	*	5775	101.14	-	-	87.66	34.05	6.9	27.47	400	108	P	V
	*	5775	92.22	-	-	78.74	34.05	6.9	27.47	400	108	A	V
		5851.8	68.82	-49.28	118.1	55.06	34.31	6.94	27.49	400	108	P	V
		5866.8	67.12	-40.37	107.49	53.31	34.37	6.94	27.5	400	108	P	V
		5878.6	64.42	-38.11	102.53	50.56	34.41	6.95	27.5	400	108	P	V
		5939.6	53.78	-14.42	68.2	39.82	34.5	6.97	27.51	400	108	P	V
													V
													V

Remark

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

Band 4 5725~5850MHz

WIFI 802.11be EHT80 (Harmonic @ 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)
		11550	44.91	-29.09	74	51.12	38.8	11.06	56.07	-	-	P	H
		17325	60.89	-7.31	68.2	65.34	38.4	13.89	56.74	100	70	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11be													H
EHT80													H
CH 155		11550	45.85	-28.15	74	52.06	38.8	11.06	56.07	-	-	P	V
5775MHz		17325	64.28	-3.92	68.2	68.73	38.4	13.89	56.74	100	60	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

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

Emission above 18GHz

WIFI 802.11a (SHF @ 1m)

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 SHF		18040	45.97	-28.03	74	67.86	37.72	-8.54	55.88	-	-	P	H
		31320	44.79	-29.21	74	61.81	40.99	-7.54	56.38	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		22568	44.25	-29.75	74	63.48	38.3	-8.54	54.57	-	-	P	V
		31712	45.3	-28.7	74	63.29	40.54	-7.54	56.77	-	-	P	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

5GHz WIFI 802.11a (LF @ 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)
		79.47	25.06	-14.94	40	42.53	13.46	1.21	32.14	-	-	P	H
		95.96	31.54	-11.96	43.5	46.91	15.48	1.29	32.14	-	-	P	H
		329.73	25.11	-20.89	46	35.35	19.91	1.92	32.07	-	-	P	H
		788.54	33.88	-12.12	46	34.9	28.08	2.71	31.81	-	-	P	H
		885.54	34	-12	46	33.61	28.99	2.86	31.46	-	-	P	H
		981.57	32.95	-21.05	54	30.02	30.66	2.92	30.65	-	-	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		30.97	32.72	-7.28	40	39.72	24.17	0.99	32.16	-	-	P	V
		94.02	29.59	-13.91	43.5	45.24	15.22	1.27	32.14	-	-	P	V
		168.71	22.97	-20.53	43.5	37.89	15.69	1.5	32.11	-	-	P	V
		788.54	36.9	-9.1	46	37.92	28.08	2.71	31.81	-	-	P	V
		897.18	35.78	-10.22	46	35.27	29.04	2.86	31.39	-	-	P	V
		967.99	34.31	-19.69	54	31.23	30.97	2.9	30.79	-	-	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 **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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

WIFI 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 44 5220MHz		5133.9	54.26	-19.74	74	39.75	33	10.96	29.45	100	117	P	H
		5150	42.52	-11.48	54	28.02	33	10.96	29.46	100	117	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 @ 5133.9MHz:

1. Level(dBμV/m)

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

= 33.00(dB/m) + 10.96(dB) + 39.75(dBμV) – 29.45 (dB)

= 54.26 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 54.26(dBμV/m) – 74(dBμV/m)

= -19.74(dB)

For Average Limit @ 5150MHz:

1. Level(dBμV/m)

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

= 33.00(dB/m) + 10.96(dB) + 28.02(dBμV) – 29.46 (dB)

= 42.52 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 42.52(dBμV/m) – 54(dBμV/m)

= -11.48(dB)

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

Appendix D. Radiated Spurious Emission

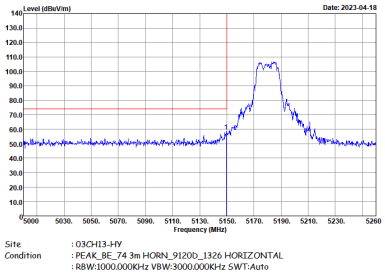
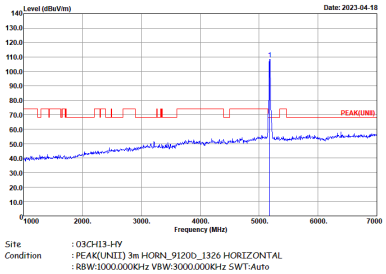
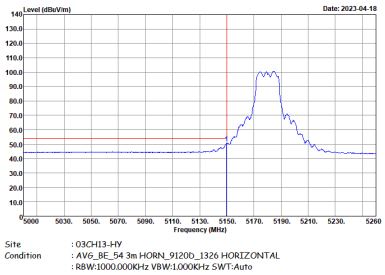
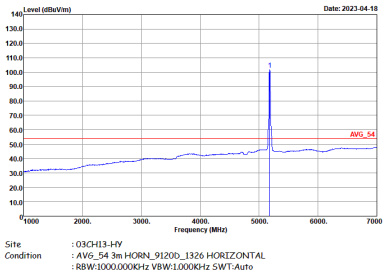
Test Engineer :	Jacky Hung, Mancy Chou, Michael Liu and Rain Lee	**Temperature :**	20~26°C
		Relative Humidity :	40~65%

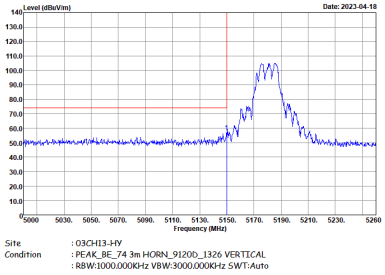
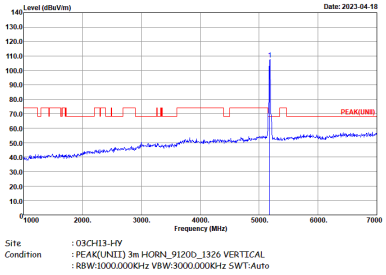
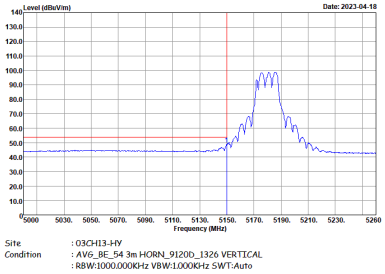
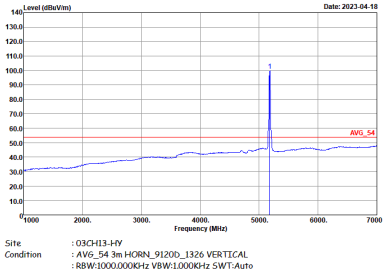
Note symbol

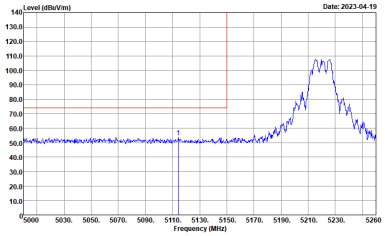
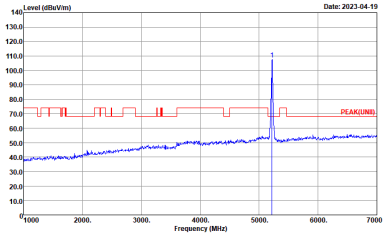
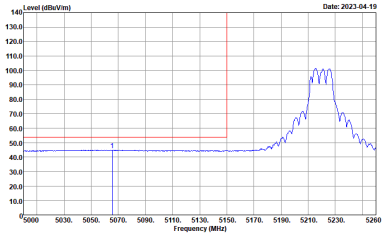
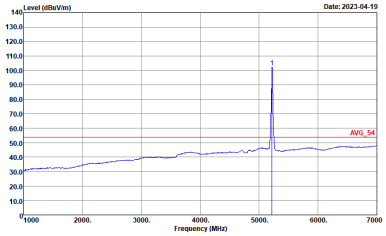
-L	**Low channel location**
-R	**High channel location**

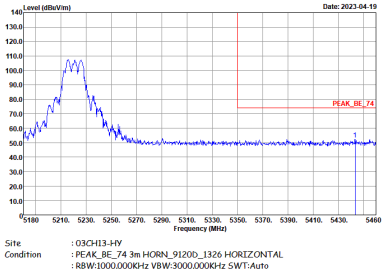
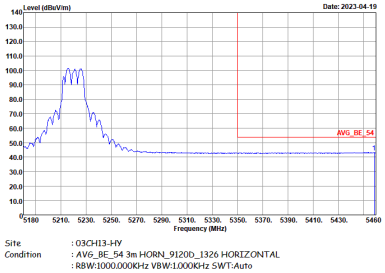
Band 1 - 5150~5250MHz

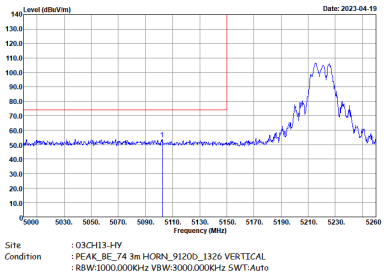
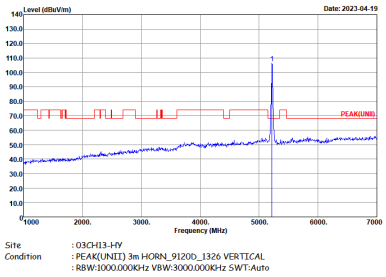
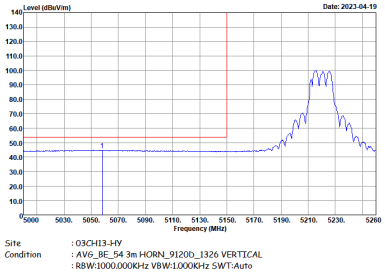
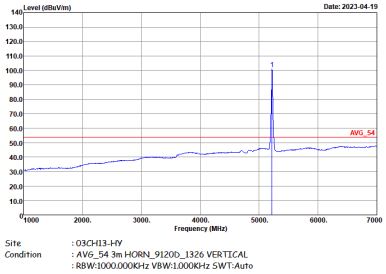
WIFI 802.11a (Band Edge @ 3m)

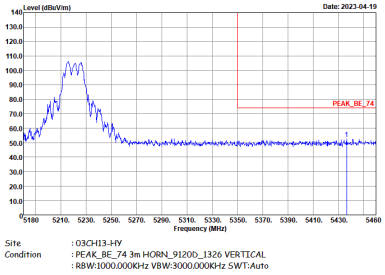
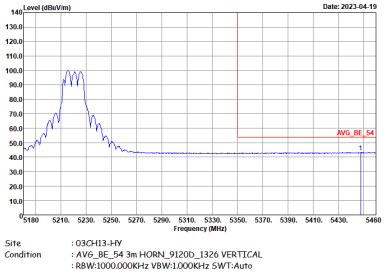
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

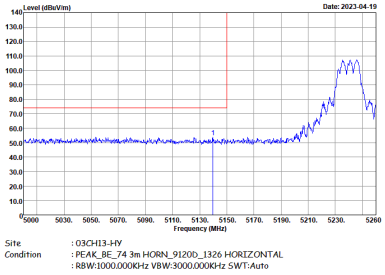
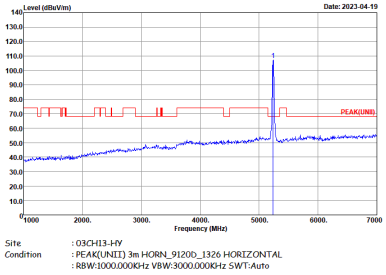
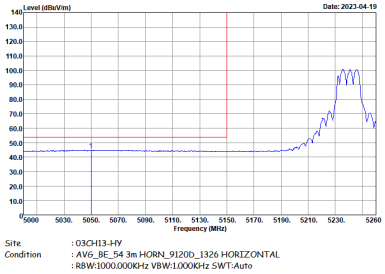
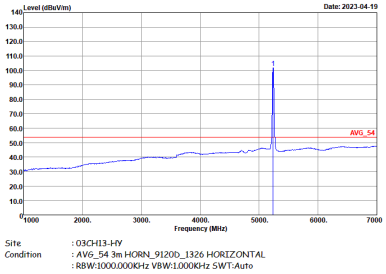
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

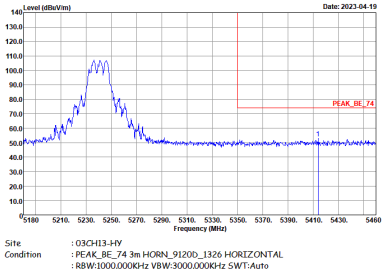
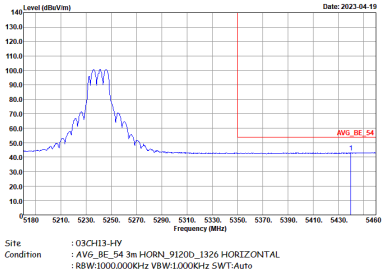
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

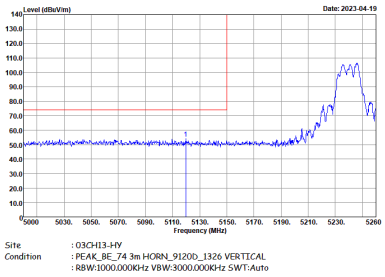
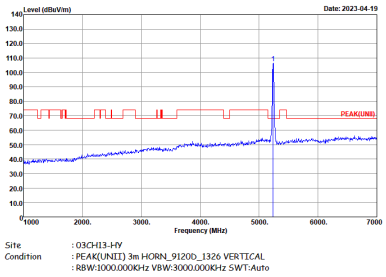
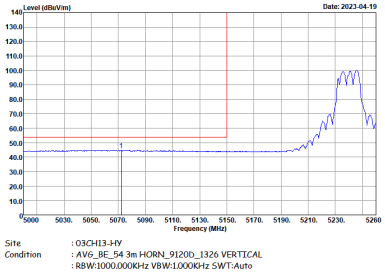
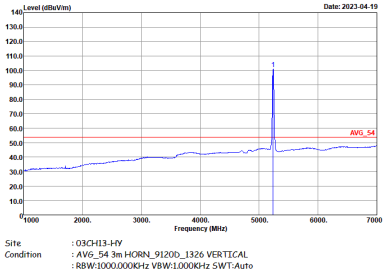
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

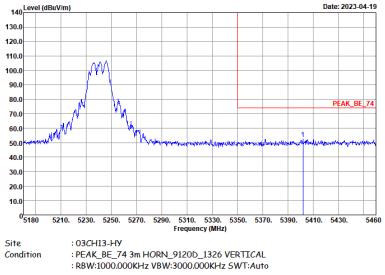
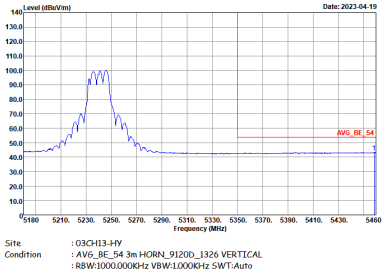
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

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

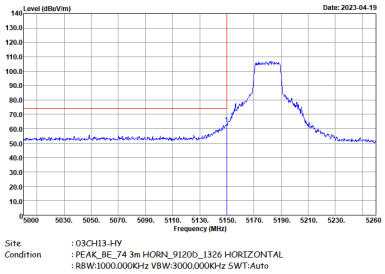
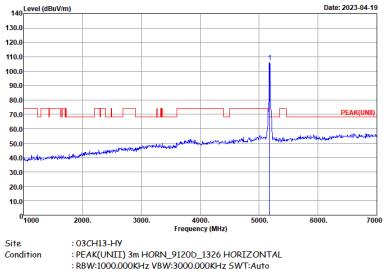
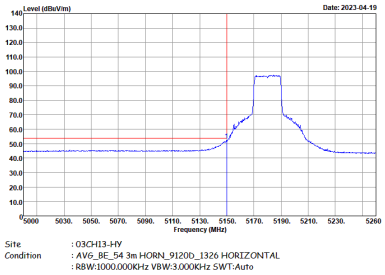
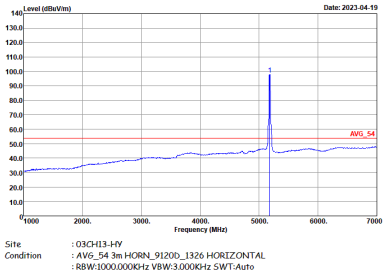
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

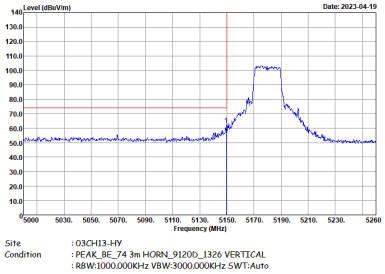
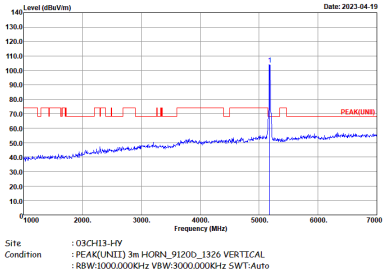
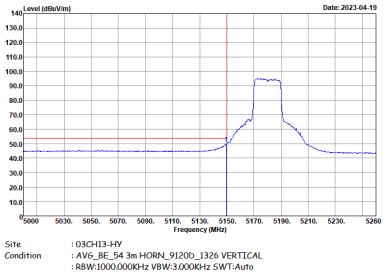
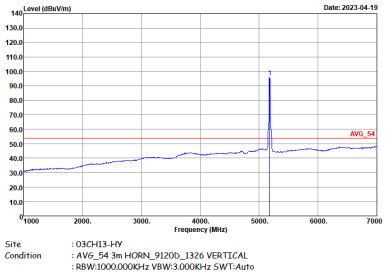
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

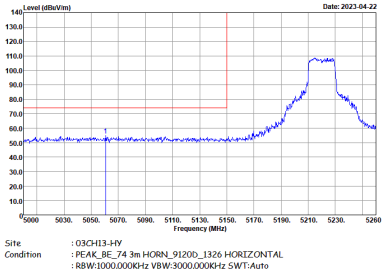
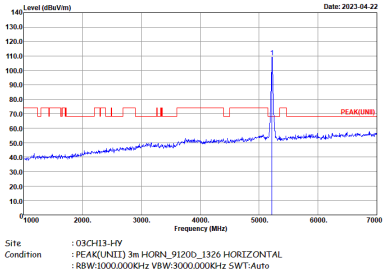
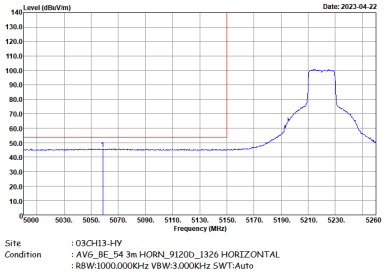
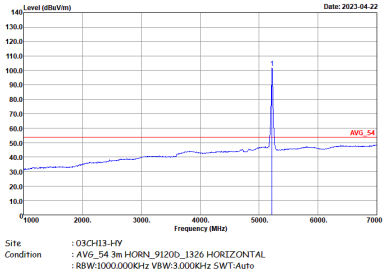
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

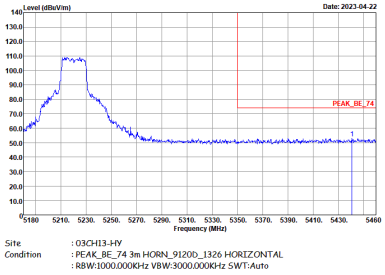
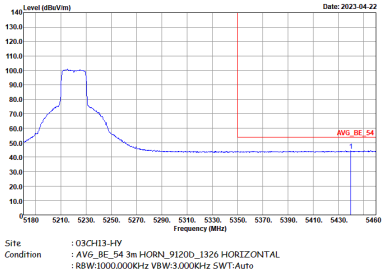
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

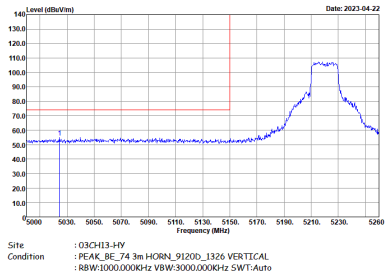
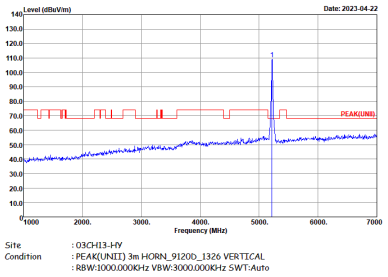
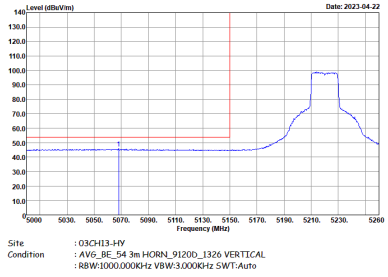
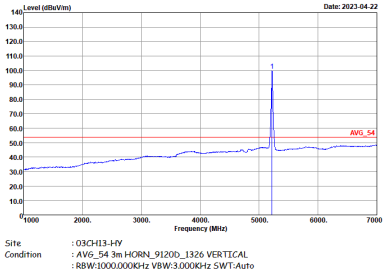
Band 1 5150~5250MHz
WIFI 802.11be EHT20 Full (Band Edge @ 3m)

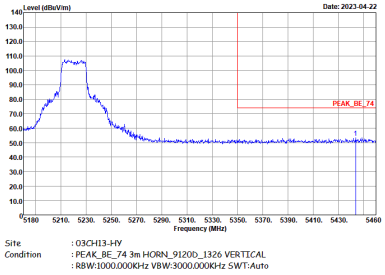
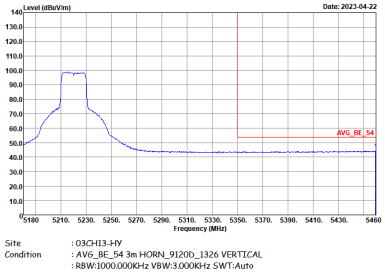
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH36 5180MHz	
3+4	Horizontal	Fundamental
Peak		
Avg.		

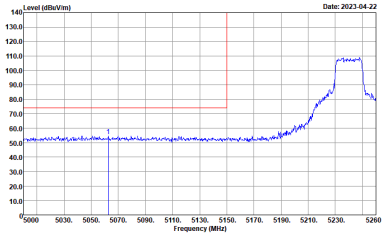
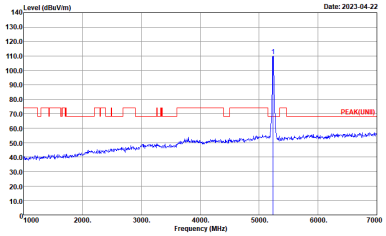
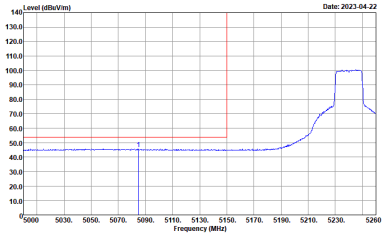
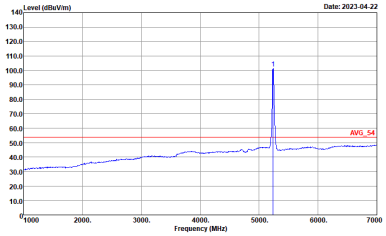
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH36 5180MHz	
3+4	Vertical	Fundamental
Peak		
Avg.		

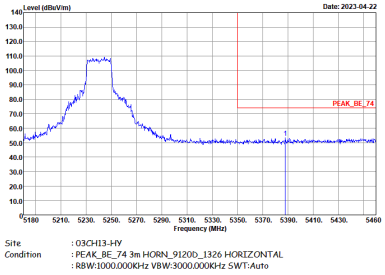
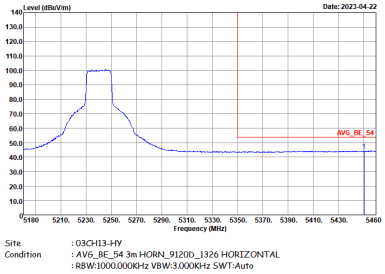
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

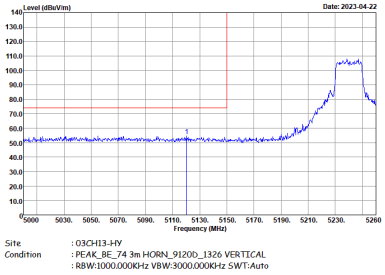
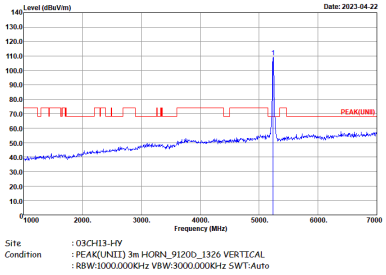
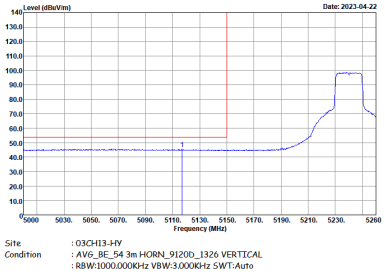
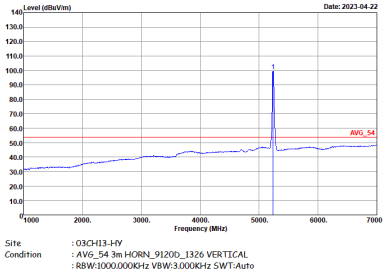
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

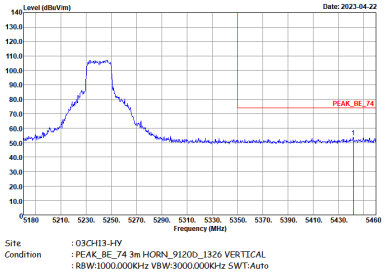
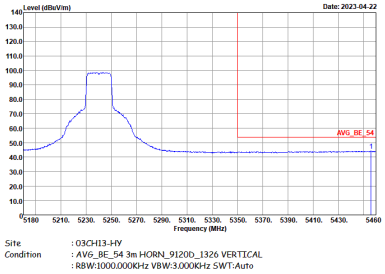
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH44 5220MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

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

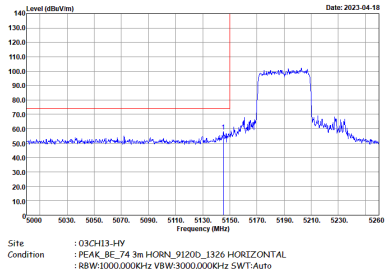
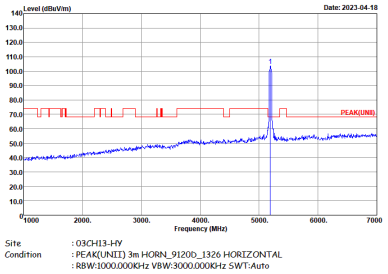
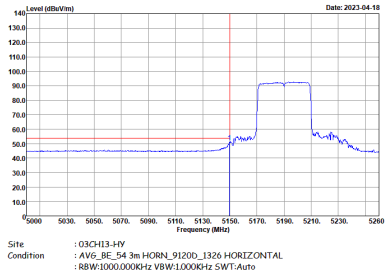
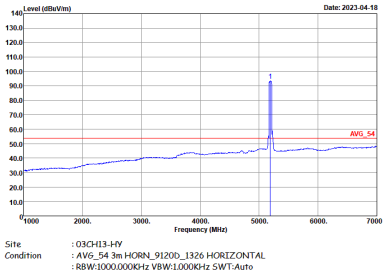
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

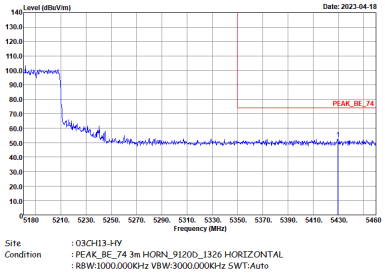
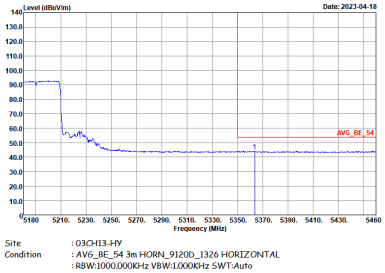
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

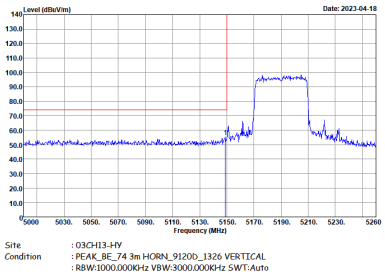
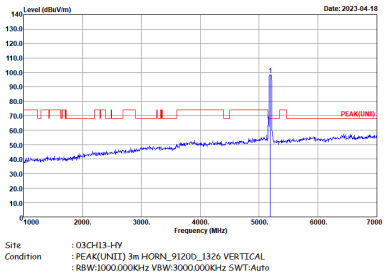
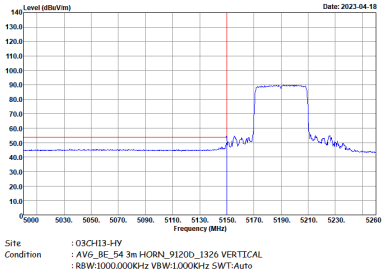
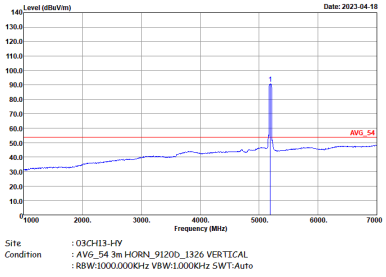
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

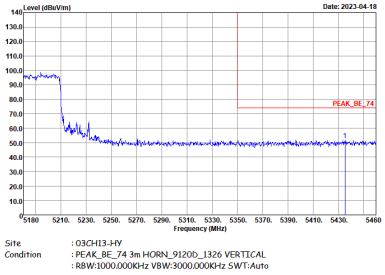
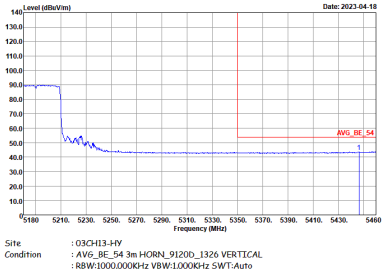
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT20 Full CH48 5240MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

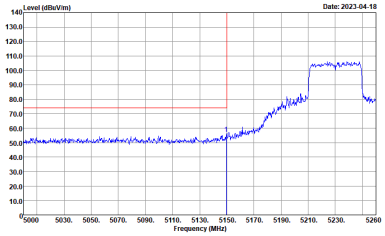
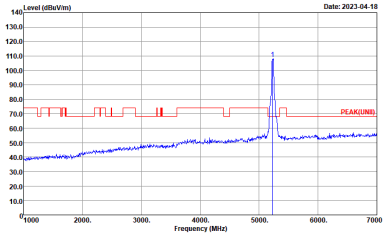
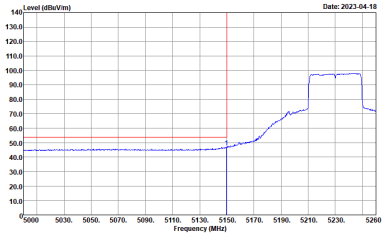
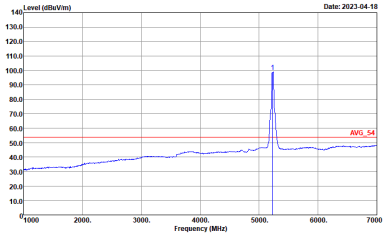
Band 1 5150~5250MHz
WIFI 802.11be EHT40 Full (Band Edge @ 3m)

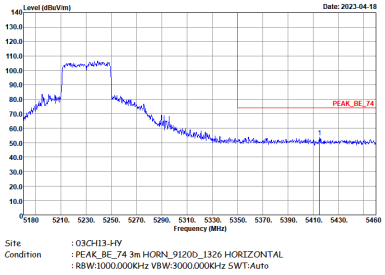
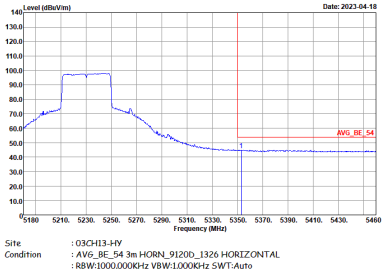
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

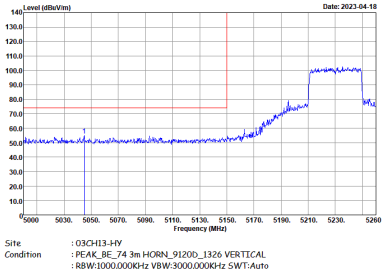
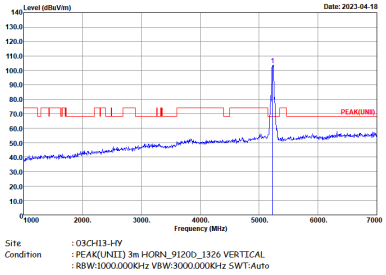
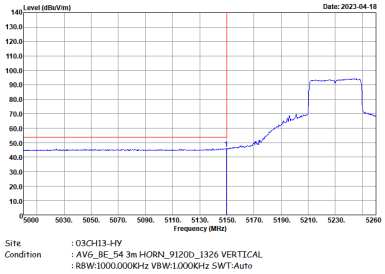
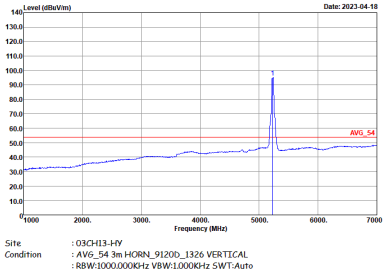
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

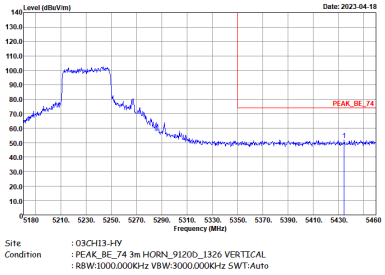
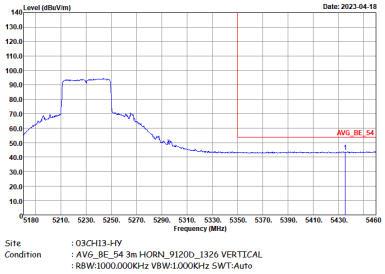
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH38 5190MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

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

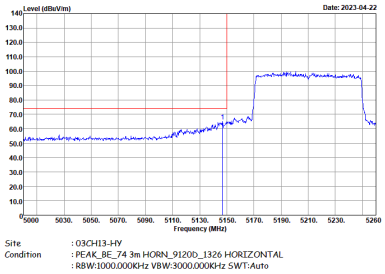
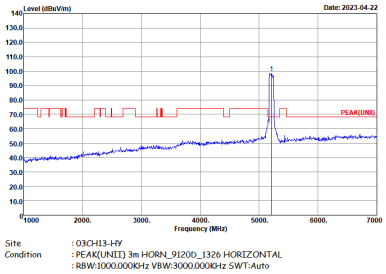
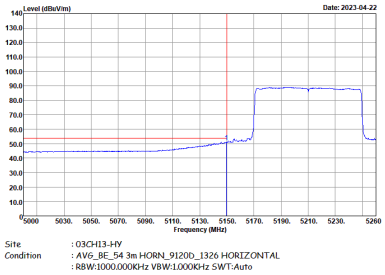
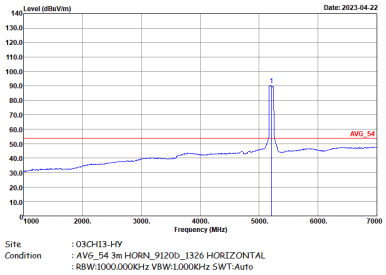
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

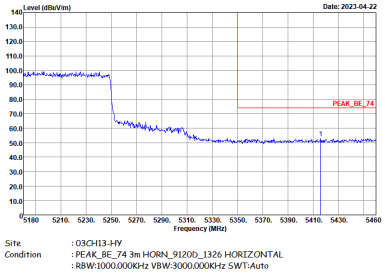
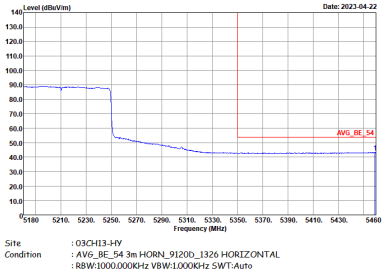
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

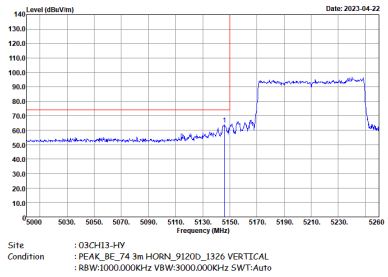
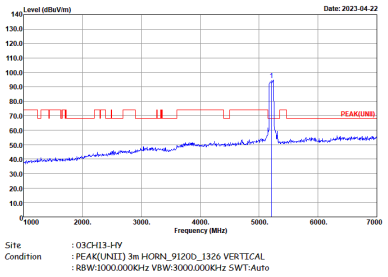
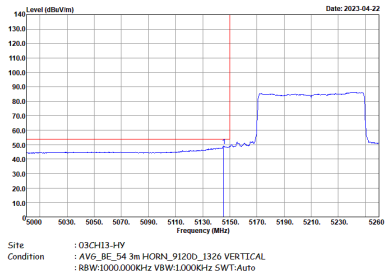
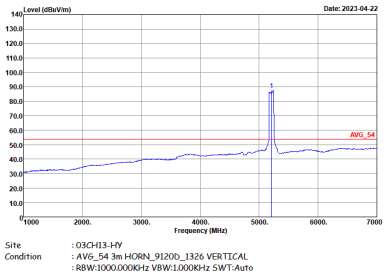
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

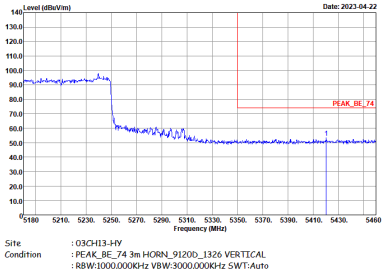
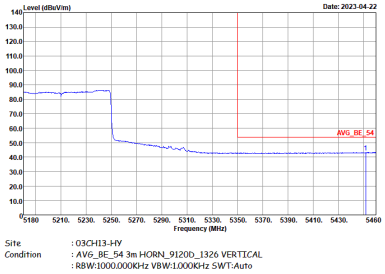
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT40 Full CH46 5230MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

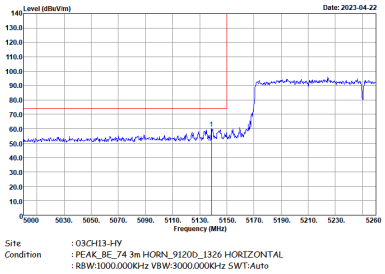
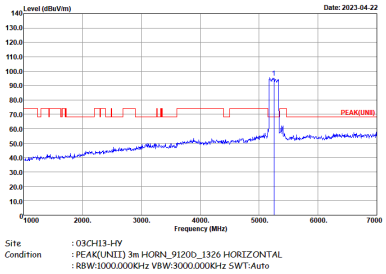
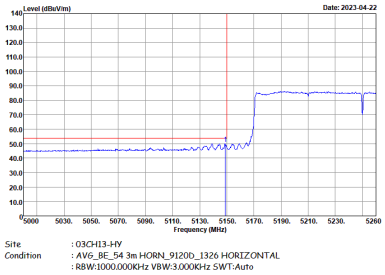
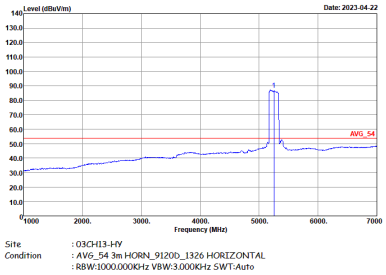
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - L	
3+4	Horizontal	Fundamental
Peak		
Avg.		

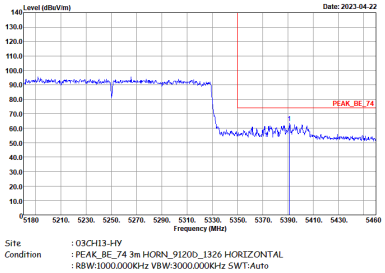
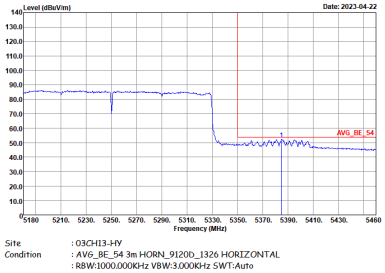
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

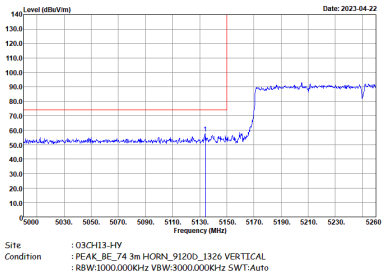
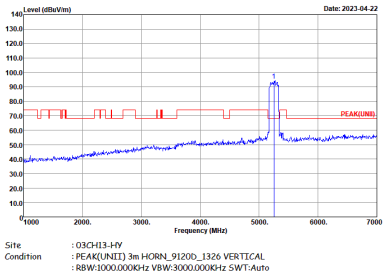
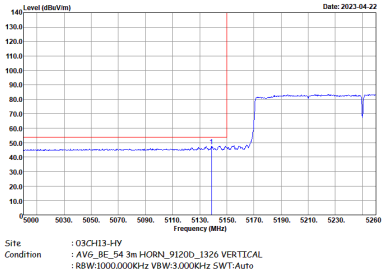
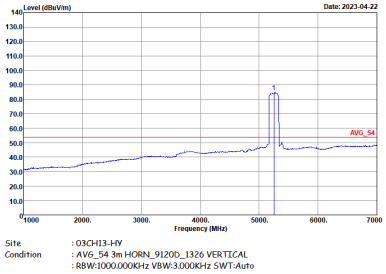
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

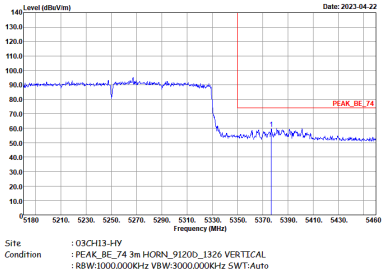
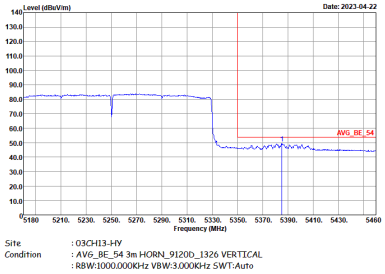
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT80 Full CH42 5210MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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.		

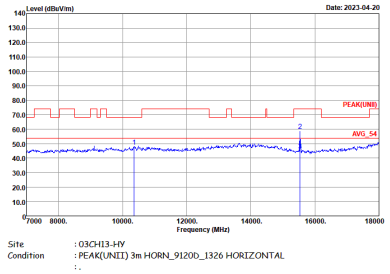
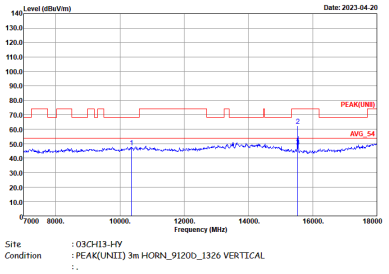
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT160 Full CH50 5250MHz - R	
3+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

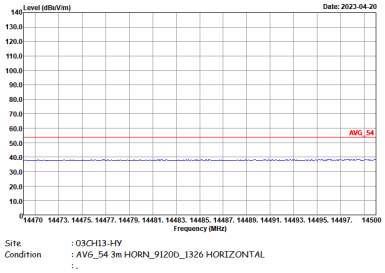
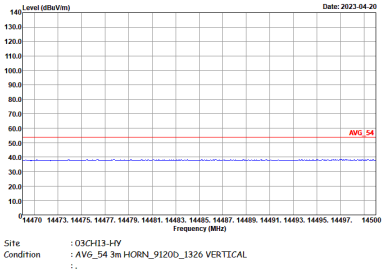
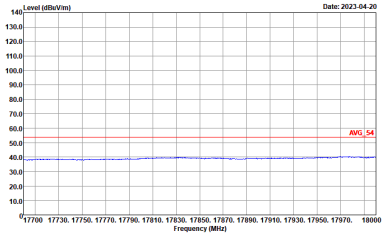
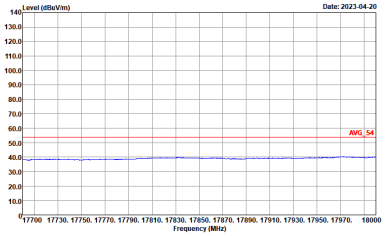
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT160 Full CH50 5250MHz - L	
3+4	Vertical	Fundamental
Peak		
Avg.		

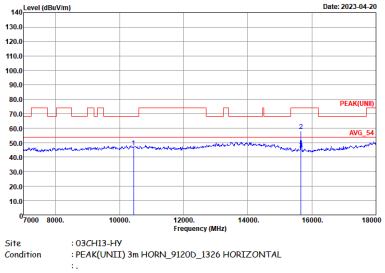
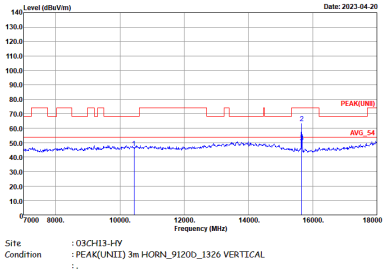
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11be EHT160 Full CH50 5250MHz - R	
3+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

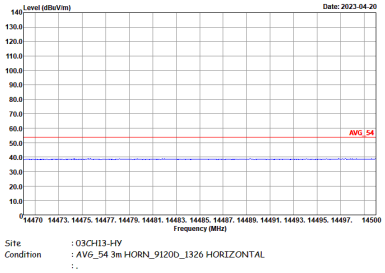
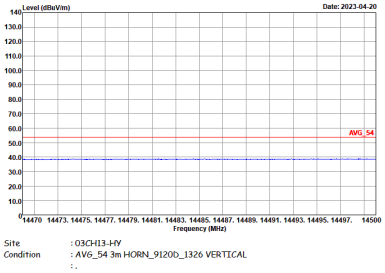
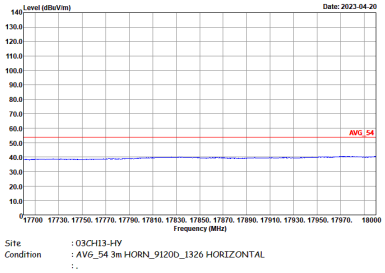
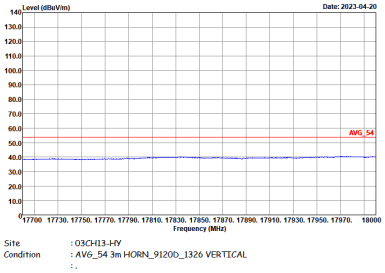
Band 1 - 5150~5250MHz

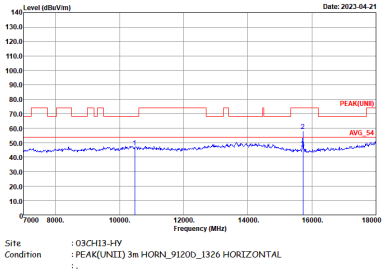
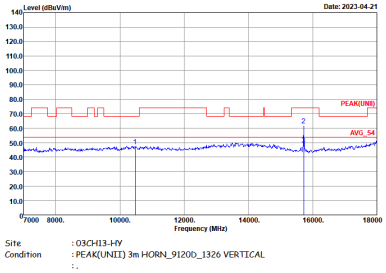
WIFI 802.11a (Harmonic @ 3m)

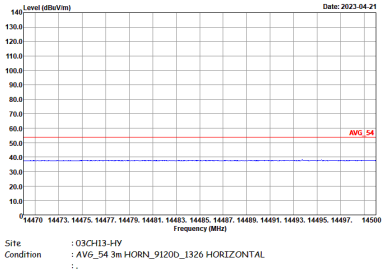
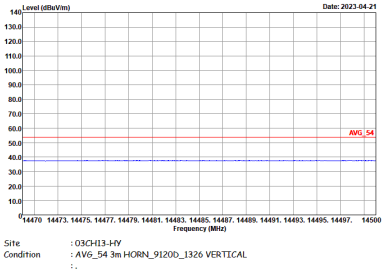
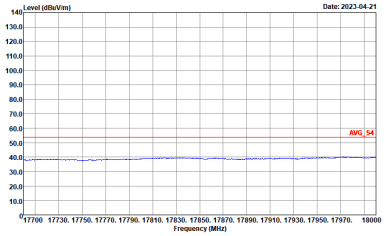
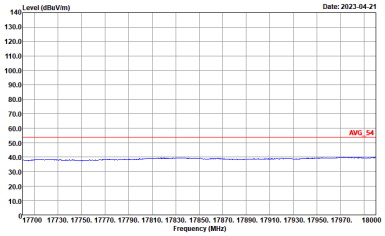
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
3+4	Horizontal	Vertical
Peak Avg.		

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		

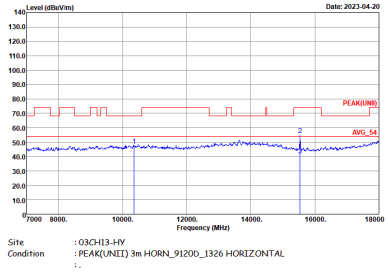
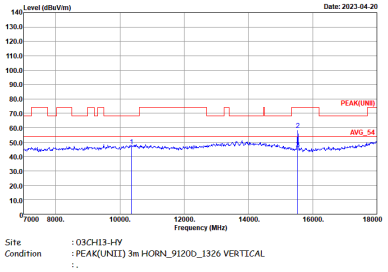
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
3+4	Horizontal	Vertical
Peak Avg.		

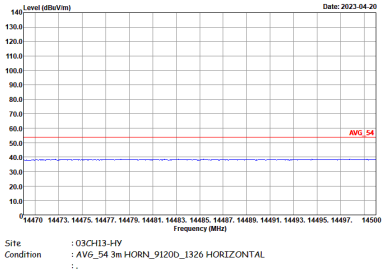
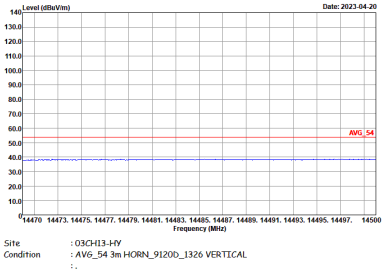
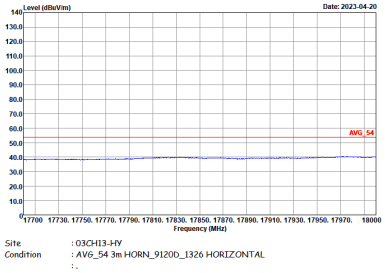
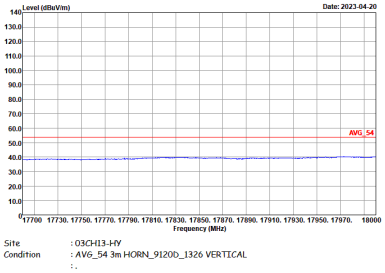
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

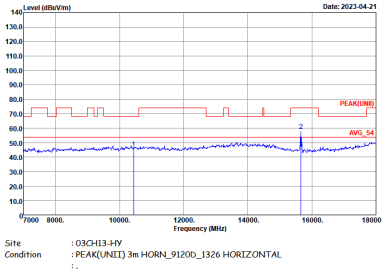
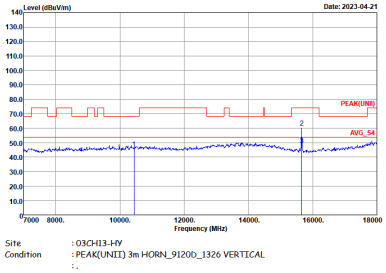
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
3+4	Horizontal	Vertical
Peak Avg.		

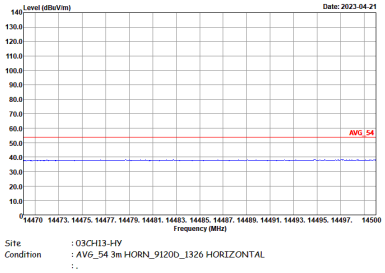
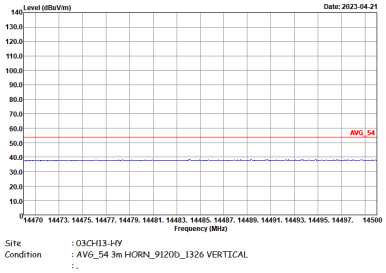
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
3+4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg		

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