

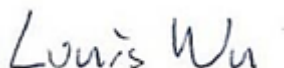


FCC RADIO TEST REPORT

FCC ID : 2AFZZ211G
Equipment : Mobile Phone
Brand Name : POCO
Model Name : 22011211G
Applicant : Xiaomi Communications Co., Ltd.
#019, 9th Floor, Building 6, 33 Xi'erqi Middle
Road, Haidian District, Beijing, China, 100085
Manufacturer : Xiaomi Communications Co., Ltd.
#019, 9th Floor, Building 6, 33 Xi'erqi Middle
Road, Haidian District, Beijing, China, 100085
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jan. 06, 2022 and testing was performed from Jan. 13, 2022 to Feb. 08, 2022. 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.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd. Guishan Dist, Taoyuan City 333010, Taiwan



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History of this test report

Report No.	Version	Description	Issue Date
FR210628E	01	Initial issue of report	Feb. 16, 2022
FR210628E	02	Revise Antenna Requirements	Feb. 23, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	3.14 dB under the limit at 5350.560 MHz
3.5	15.207	AC Conducted Emission	Pass	8.18 dB under the limit at 0.159 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".

Comments and Explanations:

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

Reviewed by: Danny Lee

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, NFC, and GNSS.

Product Feature	
Sample 1	EUT with RAM (Micron)
Sample 2	EUT with RAM (Samsung)
Antenna Type	WWAN: PIFA Antenna WLAN 2.4GHz <Ant. 16>: PIFA Antenna <Ant. 18>: PIFA Antenna WLAN 5GHz <Ant. 17>: PIFA Antenna <Ant. 18>: PIFA Antenna Bluetooth: PIFA Antenna GPS / Glonass / BDS / Galileo / SBAS / QZSS / NavIC: PIFA Antenna NFC: Coil Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	<Ant. 17> : -2.73 <Ant. 18> : -2.28
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	<Ant. 17> : -2.64 <Ant. 18> : -2.11
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	<Ant. 17> : -1.80 <Ant. 18> : -1.03

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. CO05-HY (TAF Code: 1190)
Remark	The AC 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 TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, 03CH16-HY

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

FCC designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700
Frequency Band	Channel		Freq. (MHz)	
5150-5350 MHz	50 [@]		5250	
5470-5725 MHz	114 [@]		5570	

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

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

Note:

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

2.2 Test Mode

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

The MIMO mode is chosen as worst case configuration for all test cases due to higher power than SISO mode.

The 802.11n/ac mode has no higher power and PSD than 802.11ax mode, thus the 802.11ax mode is chosen as main test configuration, and the 802.11n/ac mode is verified the power.

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

The final test modes consider the modulation and the worst data rates as shown in the table below.

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps, $N_{ss}=2$
802.11n HT20 (Covered by HE20)	MCS0, $N_{ss}=2$
802.11n HT40 (Covered by HE40)	MCS0, $N_{ss}=2$
802.11ac VHT20 (Covered by HE20)	MCS0, $N_{ss}=2$
802.11ac VHT40 (Covered by HE40)	MCS0, $N_{ss}=2$
802.11ac VHT80 (Covered by HE80)	MCS0, $N_{ss}=2$
802.11ac VHT160 (Covered by HE160)	MCS0, $N_{ss}=2$
802.11ax HE20	MCS0, $N_{ss}=2$
802.11ax HE40	MCS0, $N_{ss}=2$
802.11ax HE80	MCS0, $N_{ss}=2$
802.11ax HE160	MCS0, $N_{ss}=2$

Test Cases	
AC Conducted Emission	Mode 1 : LTE Band 26 Rx + Bluetooth Link + WLAN (5GHz) Link + GNSS Rx + Battery + USB Cable 1 (Data Link with Notebook) + SIM 2 for Sample 1
Remark: 1. For Radiated Test Cases, the tests were performed with Adapter 2, USB Cable 1 and Sample 1. 2. Data Link with Notebook means data application transferred mode between EUT and Notebook.	

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 II : 5250-5350 MHz		
		802.11ax HE20		
L	Low	52		
M	Middle	60		
H	High	64		
Straddle		-		

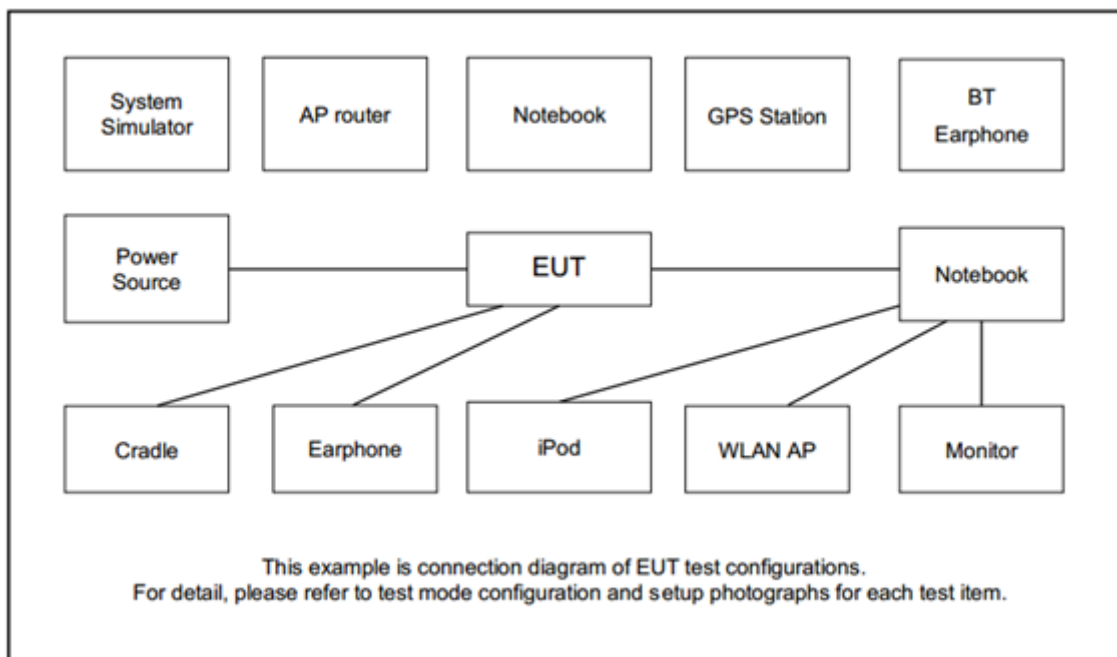
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

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

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

2.3 Connection Diagram of Test System



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.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
5.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
6.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, make the EUT (SW: 2021-12-21-200901) get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

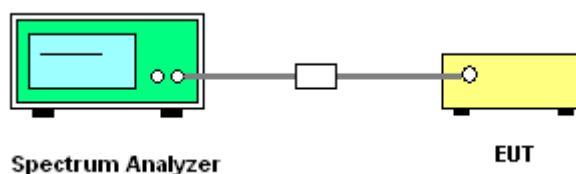
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

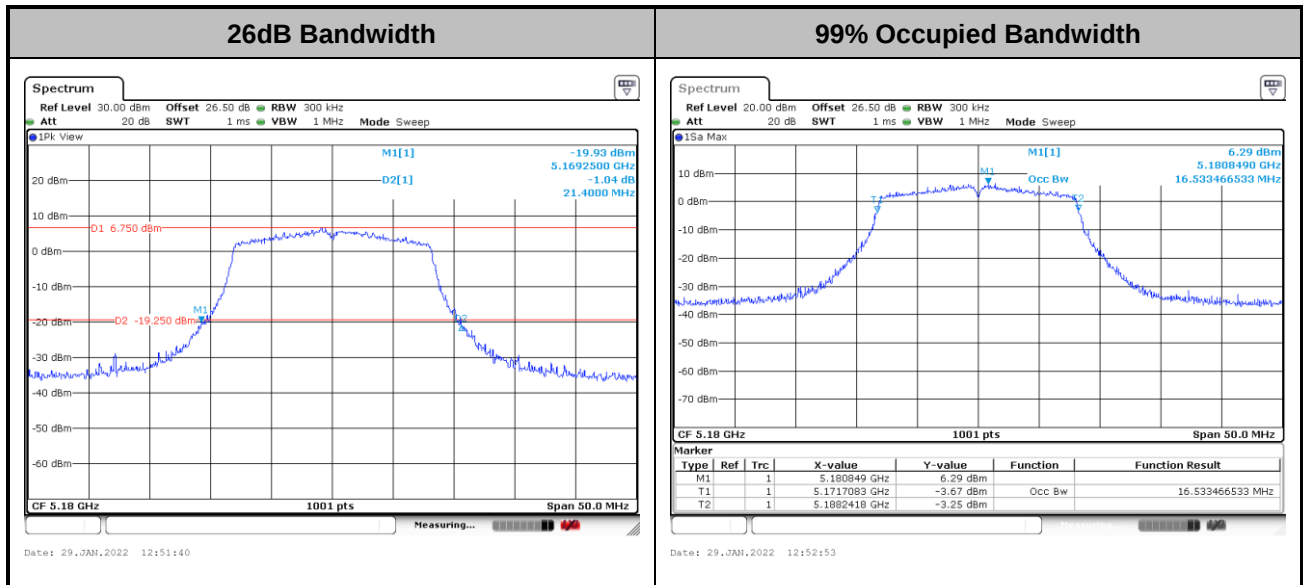


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

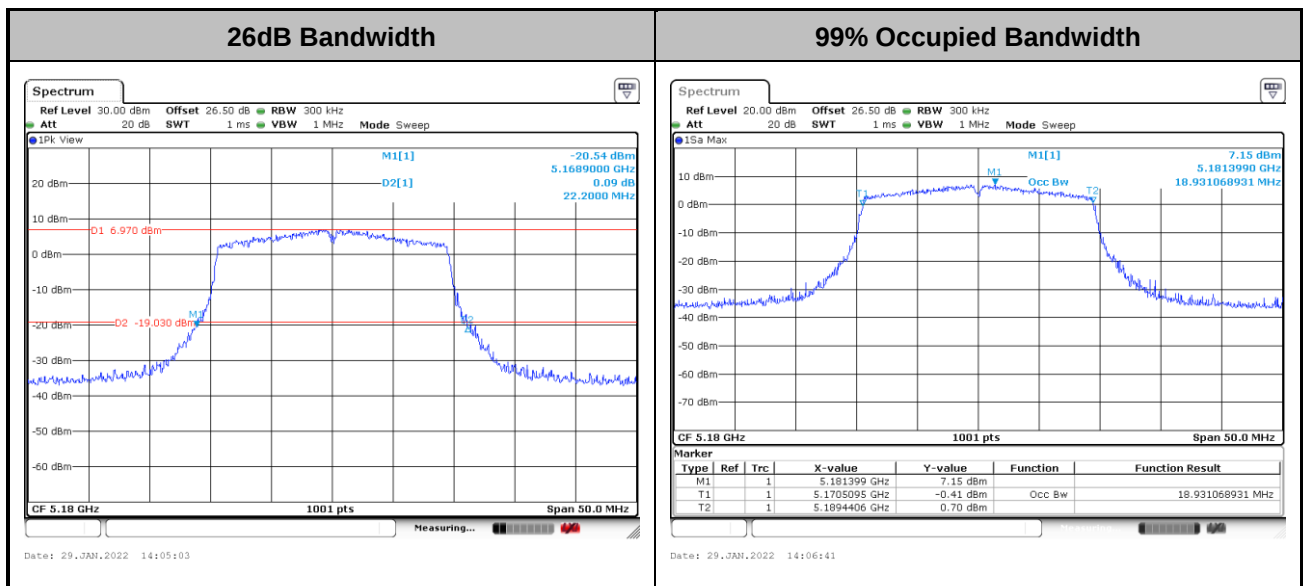


<802.11a>



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

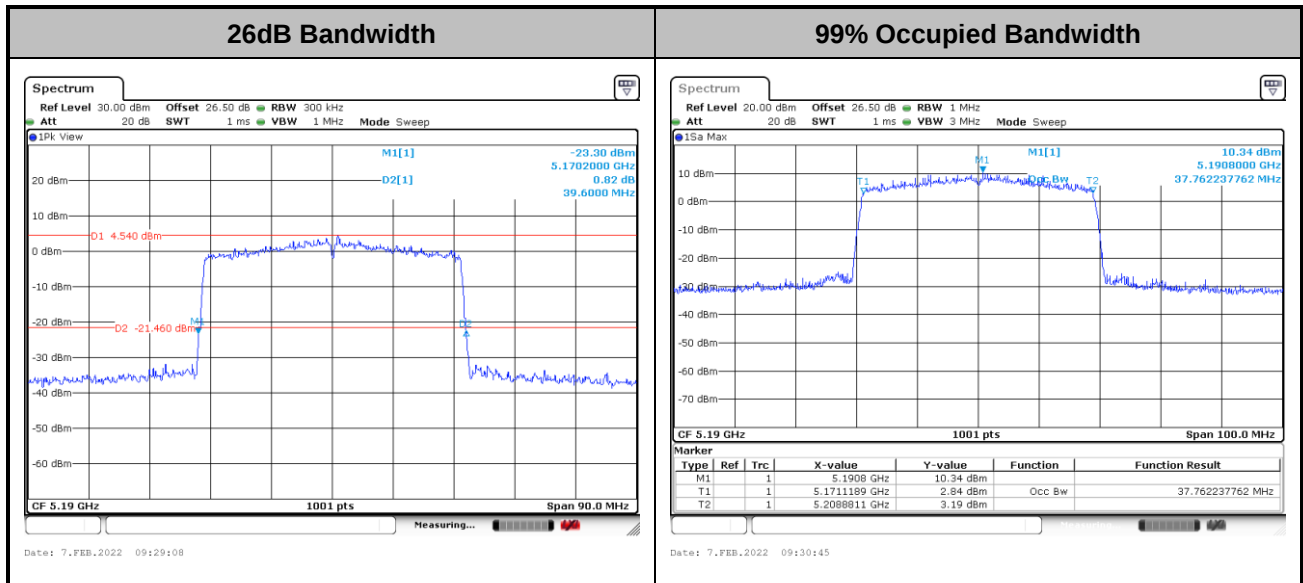
<802.11ax HE20>



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

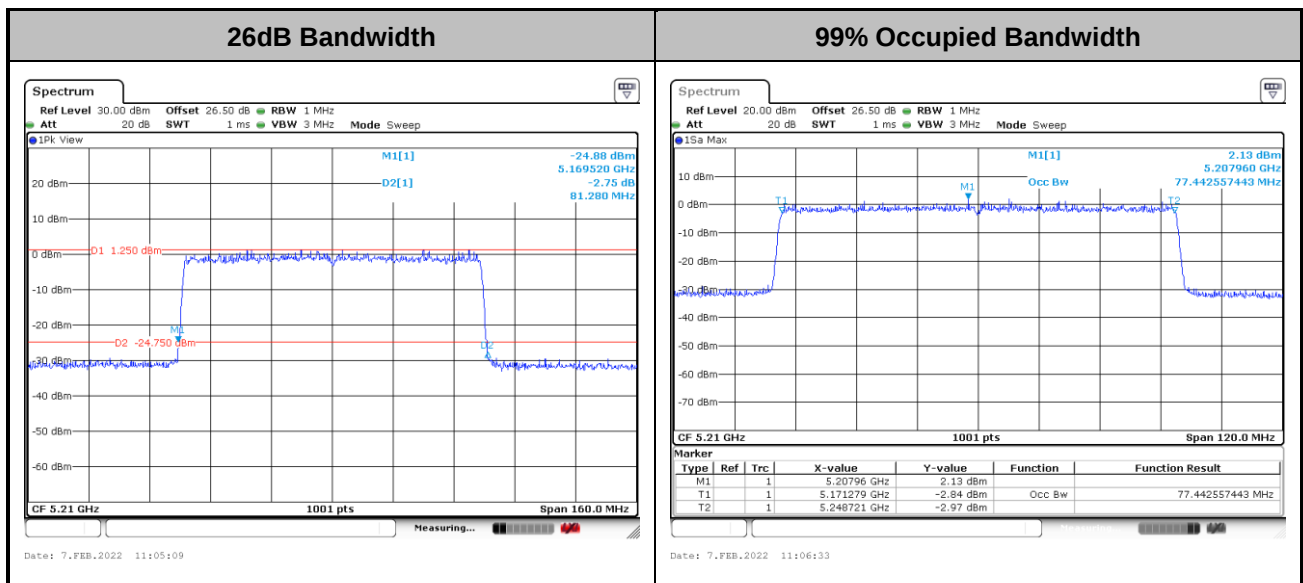


<802.11ax HE40>



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

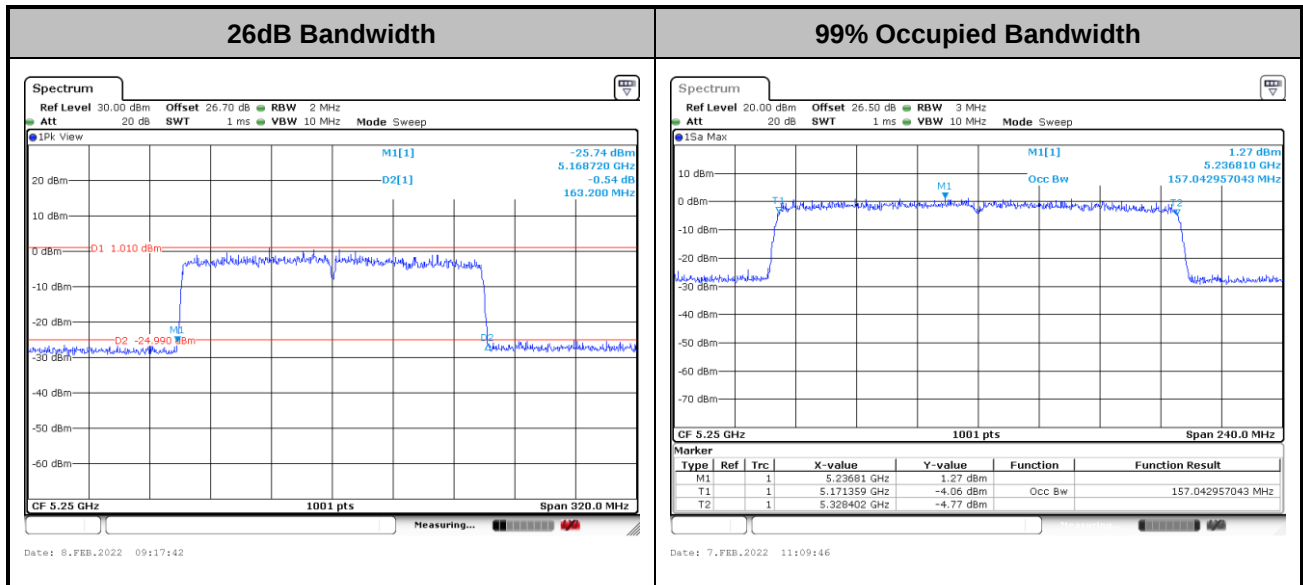
<802.11ax HE80>



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



<802.11ax HE160>



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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

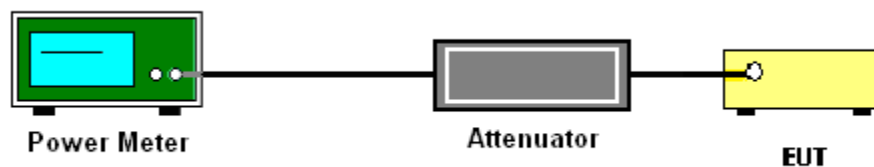
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-3

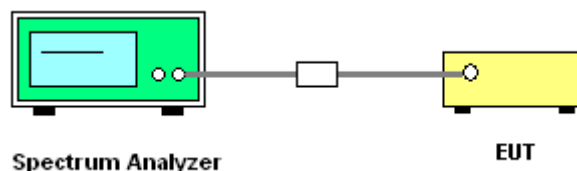
(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ 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.
Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
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 PSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

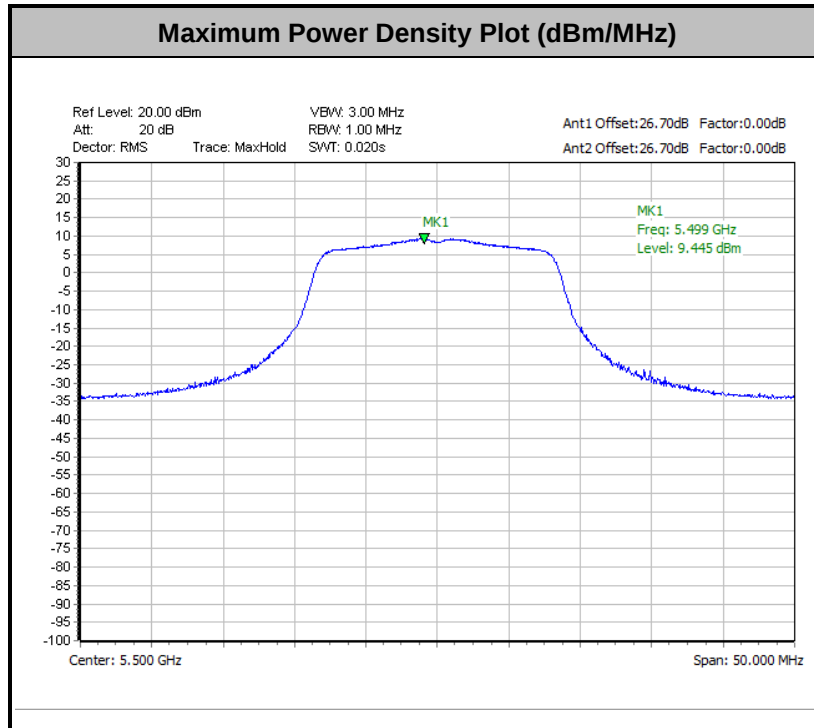
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

3.3.4 Test Setup

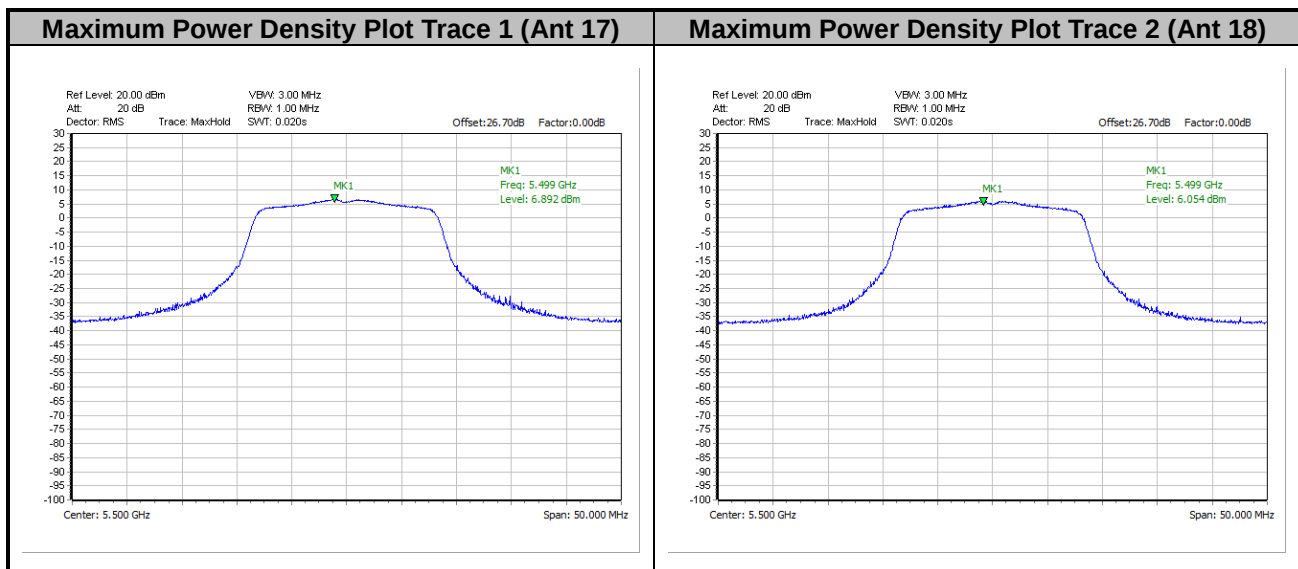


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

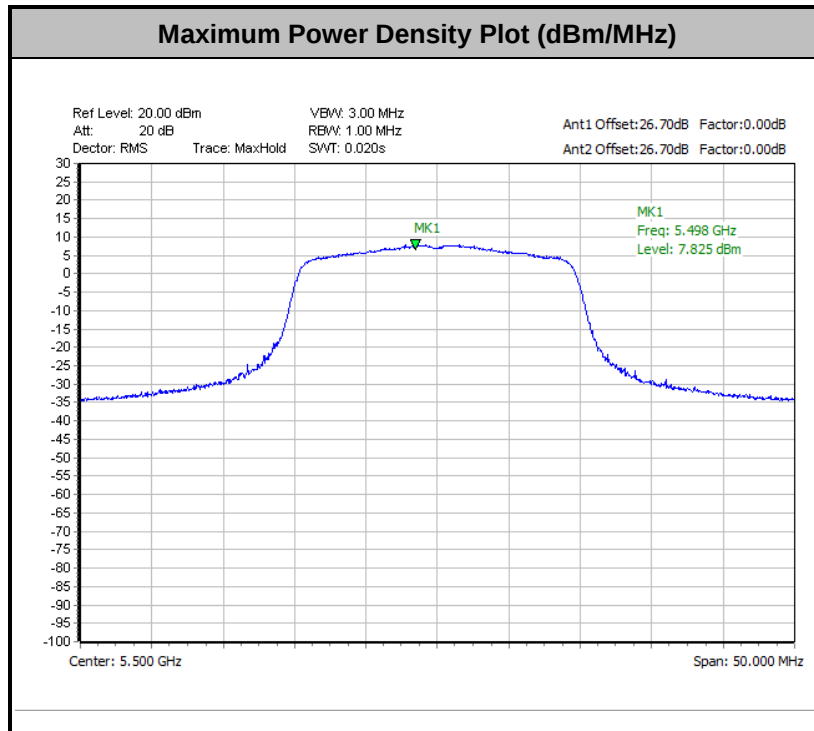


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

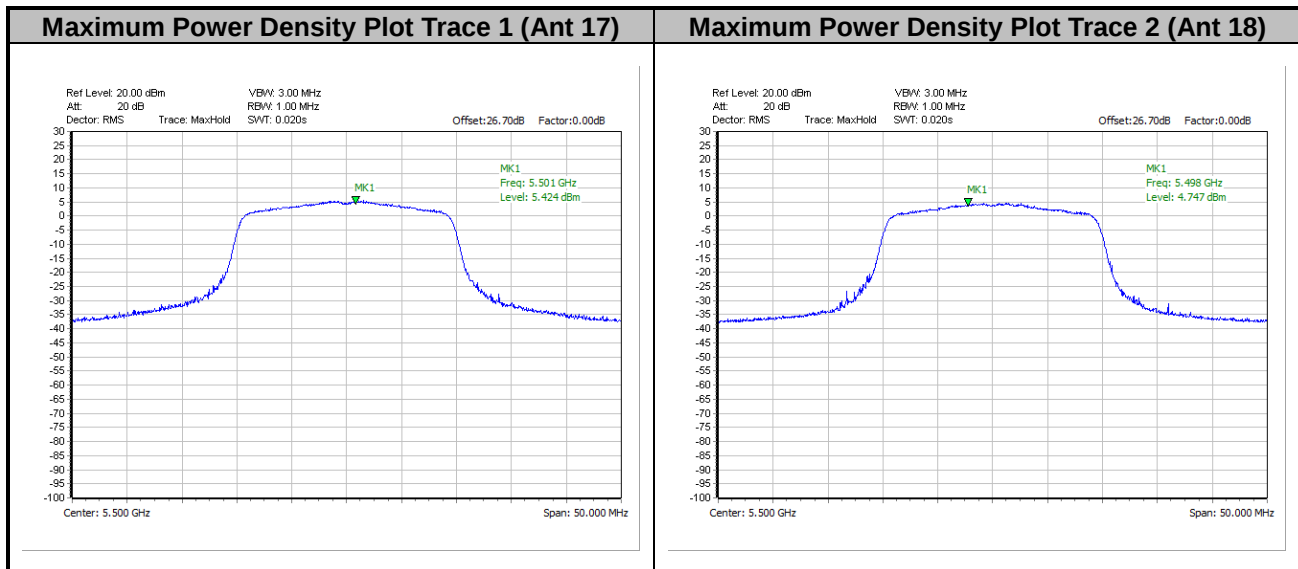




<802.11ax Mode>



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



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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



EIRP (dBm)	Field Strength at 3m (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 $\geq$ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

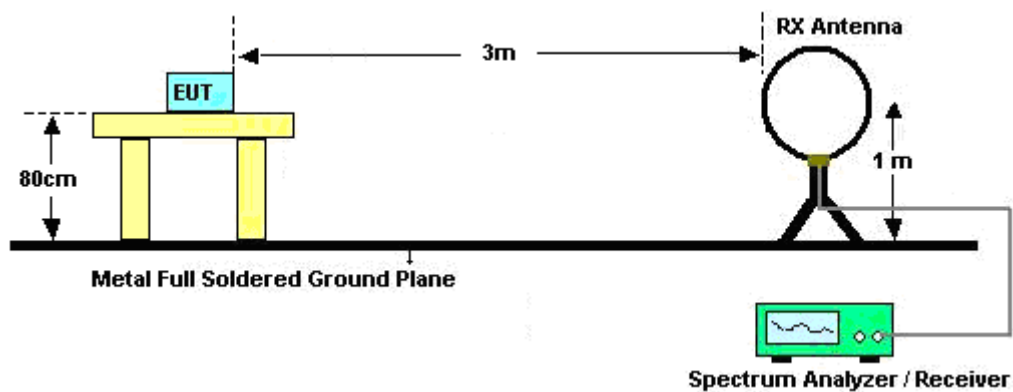
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

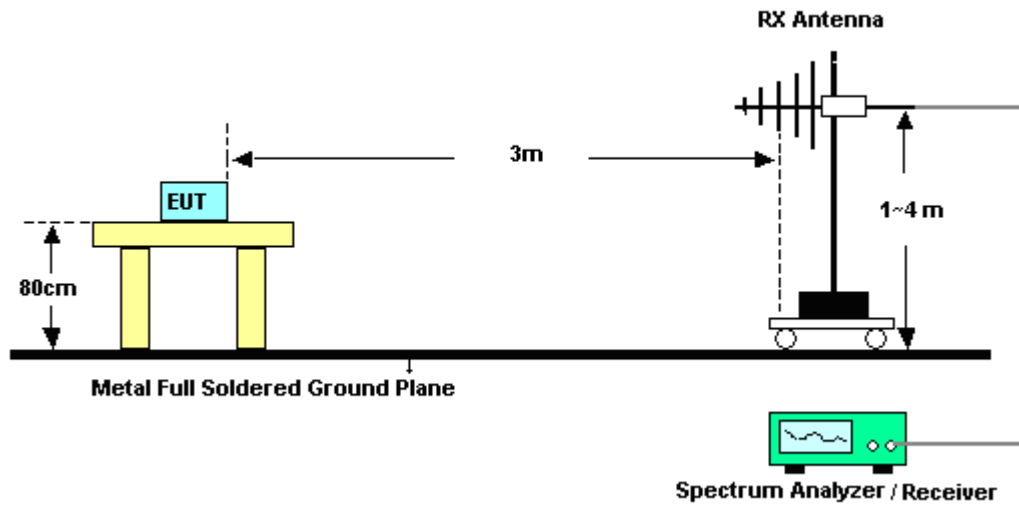
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

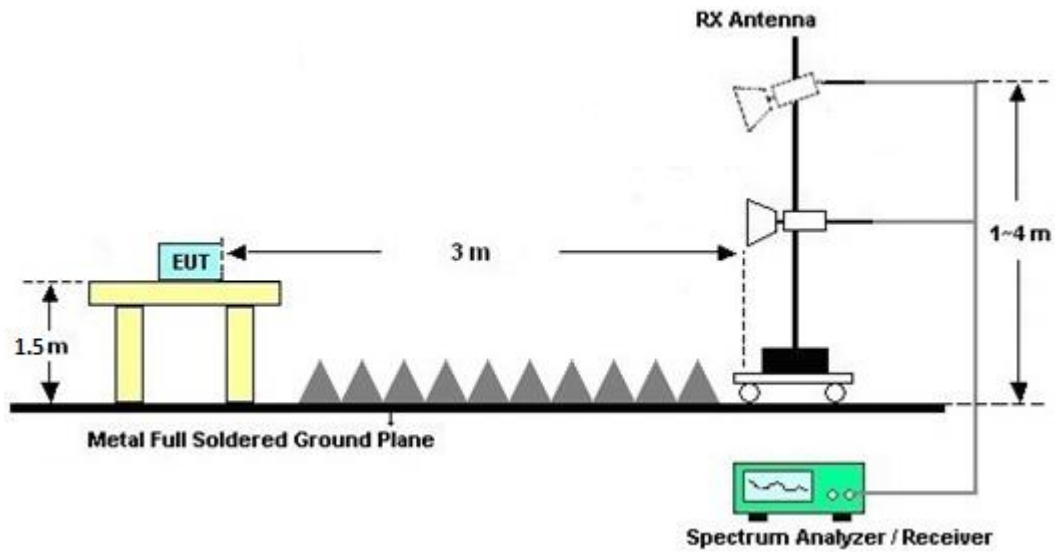
For radiated emissions below 30MHz



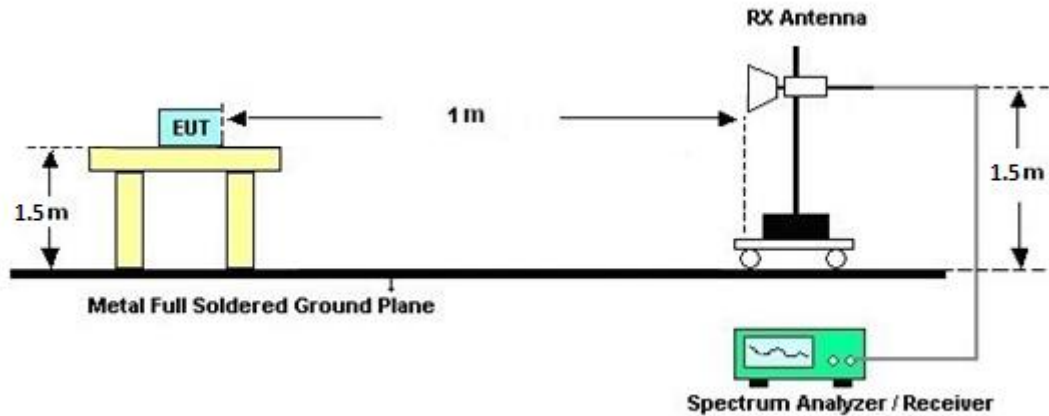
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

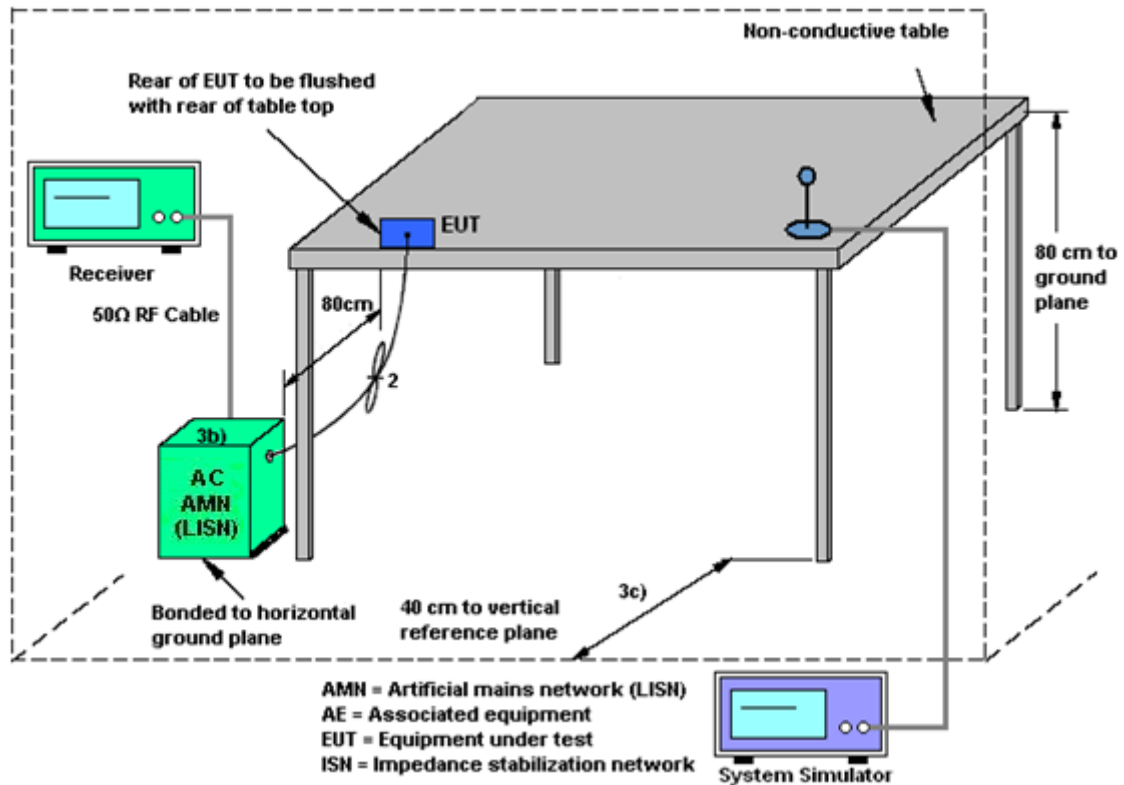
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For power and PSD, the directional gain calculation is following F)2)e)iii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain "DG" is calculated as following table.

			DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	Ant. 17 (dBi)	Ant. 18 (dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-2.73	-2.28	-2.28	-2.28	0.00	0.00
Band II	-2.64	-2.11	-2.11	-2.11	0.00	0.00
Band III	-1.80	-1.03	-1.03	-1.03	0.00	0.00

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

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 07, 2021	Jan. 19, 2022~ Jan. 25, 2022	Sep. 06, 2022	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 09, 2021	Jan. 19, 2022~ Jan. 25, 2022	Oct. 08, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1G~18GHz	Aug. 04, 2021	Jan. 19, 2022~ Jan. 25, 2022	Aug. 03, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1G~18GHz	Oct. 12, 2021	Jan. 19, 2022~ Jan. 25, 2022	Oct. 11, 2022	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz ~40GHz	Nov. 30, 2021	Jan. 19, 2022~ Jan. 25, 2022	Nov. 29, 2022	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Jul. 05, 2021	Jan. 19, 2022~ Jan. 25, 2022	Jul. 04, 2022	Radiation (03CH16-HY)
Amplifier	EMCI	EMC051845S E	980729	1-18GHz	Jul. 09, 2021	Jan. 19, 2022~ Jan. 25, 2022	Jul. 08, 2022	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Jan. 19, 2022~ Jan. 25, 2022	Jun. 21, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2021	Jan. 19, 2022~ Jan. 25, 2022	Dec. 08, 2022	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A	MY59053012	3Hz~26.5GHz	Nov. 18, 2021	Jan. 19, 2022~ Jan. 25, 2022	Nov. 17, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/4P E	NA	Aug. 28, 2021	Jan. 19, 2022~ Jan. 25, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4P E	NA	Aug. 28, 2021	Jan. 19, 2022~ Jan. 25, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5 757	NA	Aug. 28, 2021	Jan. 19, 2022~ Jan. 25, 2022	Aug. 27, 2022	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jan. 19, 2022~ Jan. 25, 2022	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 19, 2022~ Jan. 25, 2022	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 19, 2022~ Jan. 25, 2022	N/A	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN5	6.75GHz High Pass Filter	Mar. 11, 2021	Jan. 19, 2022~ Jan. 25, 2022	Mar. 10, 2022	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 14, 2021	Jan. 19, 2022~ Jan. 25, 2022	Sep. 13, 2022	Radiation (03CH16-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 27, 2022	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Dec. 01, 2021	Jan. 27, 2022	Nov. 30, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 03, 2021	Jan. 27, 2022	Dec. 02, 2022	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2021	Jan. 27, 2022	Nov. 15, 2022	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jan. 27, 2022	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Jul. 28, 2021	Jan. 27, 2022	Jul. 27, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 30, 2021	Jan. 27, 2022	Dec. 29, 2022	Conduction (CO05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 16, 2021	Jan. 13, 2022~ Feb. 08, 2022	Dec. 15, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 30, 2021	Jan. 13, 2022~ Feb. 08, 2022	Aug. 29, 2022	Conducted (TH05-HY)
Switch Control Mainframe	E-IUSTRUME NT	ETF-1405-0	EC1900067 (BOX7)	N/A	Aug. 12, 2021	Jan. 13, 2022~ Feb. 08, 2022	Aug. 11, 2022	Conducted (TH05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.1 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2022/1/13~2022/2/8	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	
11a	6Mbps	2	36	5180	16.53	16.48	21.40	20.25	-		22.17		
11a	6Mbps	2	44	5220	16.58	16.48	20.90	20.85	-		22.17		
11a	6Mbps	2	48	5240	16.58	16.48	20.50	20.30	-		22.17		

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
11a	6Mbps	2	36	5180	14.30	14.00	17.16	24.00		-2.28		Pass	
11a	6Mbps	2	44	5220	14.10	14.10	17.11	24.00		-2.28		Pass	
11a	6Mbps	2	48	5240	14.30	14.10	17.21	24.00		-2.28		Pass	
HT20	MCS0	2	36	5180	14.10	13.80	16.96	24.00		-2.28		Pass	
HT20	MCS0	2	44	5220	13.90	13.90	16.91	24.00		-2.28		Pass	
HT20	MCS0	2	48	5240	14.10	13.80	16.96	24.00		-2.28		Pass	
HT40	MCS0	2	38	5190	13.80	13.60	16.71	24.00		-2.28		Pass	
HT40	MCS0	2	46	5230	13.80	13.50	16.66	24.00		-2.28		Pass	
VHT20	MCS0	2	36	5180	14.10	13.80	16.96	24.00		-2.28		Pass	
VHT20	MCS0	2	44	5220	13.90	13.90	16.91	24.00		-2.28		Pass	
VHT20	MCS0	2	48	5240	14.10	13.80	16.96	24.00		-2.28		Pass	
VHT40	MCS0	2	38	5190	13.80	13.60	16.71	24.00		-2.28		Pass	
VHT40	MCS0	2	46	5230	13.80	13.50	16.66	24.00		-2.28		Pass	
VHT80	MCS0	2	42	5210	9.40	9.20	12.31	24.00		-2.28		Pass	
VHT160	MCS0	2	50	5250	8.10	7.60	10.87	24.00		-2.28		Pass	

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18	
11a	6Mbps	2	36	5180			7.82	11.00	-2.28		Pass	
11a	6Mbps	2	44	5220			7.87	11.00	-2.28		Pass	
11a	6Mbps	2	48	5240			7.98	11.00	-2.28		Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO															
Mod.	Data Rate	NTX	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	
11a	6Mbps	2	52	5260	16.58	16.48	21.45	20.35	23.17		29.17		23.98		
11a	6Mbps	2	60	5300	16.58	16.43	21.20	20.40	23.16		29.16		23.98		
11a	6Mbps	2	64	5320	16.53	16.43	20.85	20.40	23.16		29.16		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
11a	6Mbps	2	52	5260	14.50	13.90	17.22	23.98		-2.11		26.99	Pass
11a	6Mbps	2	60	5300	14.50	14.10	17.31	23.98		-2.11		26.99	Pass
11a	6Mbps	2	64	5320	13.90	13.40	16.67	23.98		-2.11		26.99	Pass
HT20	MCS0	2	52	5260	14.30	13.70	17.02	23.98		-2.11		26.99	Pass
HT20	MCS0	2	60	5300	14.30	13.80	17.07	23.98		-2.11		26.99	Pass
HT20	MCS0	2	64	5320	13.30	12.60	15.97	23.98		-2.11		26.99	Pass
HT40	MCS0	2	54	5270	13.90	13.50	16.71	23.98		-2.11		26.99	Pass
HT40	MCS0	2	62	5310	13.40	12.70	16.07	23.98		-2.11		26.99	Pass
VHT20	MCS0	2	52	5260	14.30	13.70	17.02	23.98		-2.11		26.99	Pass
VHT20	MCS0	2	60	5300	14.30	13.80	17.07	23.98		-2.11		26.99	Pass
VHT20	MCS0	2	64	5320	13.30	12.60	15.97	23.98		-2.11		26.99	Pass
VHT40	MCS0	2	54	5270	13.90	13.50	16.71	23.98		-2.11		26.99	Pass
VHT40	MCS0	2	62	5310	13.40	12.70	16.07	23.98		-2.11		26.99	Pass
VHT80	MCS0	2	58	5290	10.70	10.00	13.37	23.98		-2.11		26.99	Pass
VHT160	MCS0	2	50	5250	8.10	7.60	10.87	23.98		-2.11		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18	
11a	6Mbps	2	52	5260			7.88	11.00	-2.11			Pass
11a	6Mbps	2	60	5300			7.99	11.00	-2.11			Pass
11a	6Mbps	2	64	5320			7.54	11.00	-2.11			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18
11a	6Mbps	2	100	5500	16.58	16.43	21.00	20.70	23.16		29.16		23.98		----	----
11a	6Mbps	2	116	5580	16.53	16.48	21.30	20.70	23.17		29.17		23.98		----	----
11a	6Mbps	2	140	5700	16.63	16.48	21.10	20.45	23.17		29.17		23.98		----	----

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18
11a	6Mbps	2	144	5720	13.34	13.24	15.60	15.30	22.22		28.22		22.85		2.60	2.60

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
11a	6Mbps	2	100	5500	15.90	15.10	18.53	23.98		-1.03		26.99	Pass
11a	6Mbps	2	116	5580	15.40	15.00	18.21	23.98		-1.03		26.99	Pass
11a	6Mbps	2	140	5700	15.10	14.50	17.82	23.98		-1.03		26.99	Pass
HT20	MCS0	2	100	5500	15.70	14.90	18.33	23.98		-1.03		26.99	Pass
HT20	MCS0	2	116	5580	15.20	14.80	18.01	23.98		-1.03		26.99	Pass
HT20	MCS0	2	140	5700	14.90	14.30	17.62	23.98		-1.03		26.99	Pass
HT40	MCS0	2	102	5510	15.60	14.90	18.27	23.98		-1.03		26.99	Pass
HT40	MCS0	2	110	5550	15.10	14.90	18.01	23.98		-1.03		26.99	Pass
HT40	MCS0	2	134	5670	14.70	14.40	17.56	23.98		-1.03		26.99	Pass
VHT20	MCS0	2	100	5500	15.70	14.90	18.33	23.98		-1.03		26.99	Pass
VHT20	MCS0	2	116	5580	15.20	14.80	18.01	23.98		-1.03		26.99	Pass
VHT20	MCS0	2	140	5700	14.90	14.30	17.62	23.98		-1.03		26.99	Pass
VHT40	MCS0	2	102	5510	15.60	14.90	18.27	23.98		-1.03		26.99	Pass
VHT40	MCS0	2	110	5550	15.10	14.90	18.01	23.98		-1.03		26.99	Pass
VHT40	MCS0	2	134	5670	14.70	14.40	17.56	23.98		-1.03		26.99	Pass
VHT80	MCS0	2	106	5530	10.60	9.90	13.27	23.98		-1.03		26.99	Pass
VHT80	MCS0	2	122	5610	14.60	14.30	17.46	23.98		-1.03		26.99	Pass
VHT160	MCS0	2	114	5570	8.90	8.20	11.57	23.98		-1.03		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
11a	6Mbps	2	144	5720	15.10	14.50	17.82	22.85		-1.03		26.99	Pass
HT20	MCS0	2	144	5720	14.90	14.30	17.62	23.98		-1.03		26.99	Pass
HT40	MCS0	2	142	5710	14.70	14.20	17.47	23.98		-1.03		26.99	Pass
VHT20	MCS0	2	144	5720	14.90	14.30	17.62	23.98		-1.03		26.99	Pass
VHT40	MCS0	2	142	5710	14.70	14.20	17.47	23.98		-1.03		26.99	Pass
VHT80	MCS0	2	138	5690	14.50	14.00	17.27	23.98		-1.03		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
11a	6Mbps	2	100	5500			9.45	11.00		-1.03			Pass
11a	6Mbps	2	116	5580			8.88	11.00		-1.03			Pass
11a	6Mbps	2	140	5700			8.66	11.00		-1.03			Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail	
					Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
11a	6Mbps	2	144	5720				8.61	11.00		-1.03		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO															
Mod.	Data Rate	NTx	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18		
HE20	MCS0	2	36	5180	Full	18.93	18.88	22.20	21.80	-	-	22.76	-		
HE20	MCS0	2	44	5220	Full	18.88	18.88	22.15	21.95	-	-	22.76	-		
HE20	MCS0	2	48	5240	Full	18.88	18.88	22.25	21.75	-	-	22.76	-		
HE40	MCS0	2	38	5190	Full	37.76	37.76	39.60	39.60	-	-	23.01	-		
HE40	MCS0	2	46	5230	Full	37.76	37.66	39.51	39.51	-	-	23.01	-		
HE80	MCS0	2	42	5210	Full	77.44	77.44	81.28	81.12	-	-	23.01	-		
HE160	MCS0	2	50	5250	Full	157.04	157.04	163.20	163.52	-	-	23.01	-		

TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18	
HE20	MCS0	2	36	5180	Full	14.20	13.90	17.06	24.00		-2.28		Pass
HE20	MCS0	2	36	5180	26/0	5.60	5.20	8.41	24.00		-2.28		Pass
HE20	MCS0	2	36	5180	52/37	8.30	7.90	11.11	24.00		-2.28		Pass
HE20	MCS0	2	36	5180	106/53	11.50	11.20	14.36	24.00		-2.28		Pass
HE20	MCS0	2	44	5220	Full	14.00	14.00	17.01	24.00		-2.28		Pass
HE20	MCS0	2	44	5220	26/4	6.10	6.10	9.11	24.00		-2.28		Pass
HE20	MCS0	2	44	5220	52/39	8.20	8.20	11.21	24.00		-2.28		Pass
HE20	MCS0	2	44	5220	106/53	11.20	10.90	14.06	24.00		-2.28		Pass
HE20	MCS0	2	48	5240	Full	14.20	13.90	17.06	24.00		-2.28		Pass
HE20	MCS0	2	48	5240	26/8	5.80	5.80	8.81	24.00		-2.28		Pass
HE20	MCS0	2	48	5240	52/40	8.40	8.20	11.31	24.00		-2.28		Pass
HE20	MCS0	2	48	5240	106/54	11.50	11.10	14.31	24.00		-2.28		Pass
HE40	MCS0	2	38	5190	Full	13.90	13.70	16.81	24.00		-2.28		Pass
HE40	MCS0	2	46	5230	Full	13.90	13.60	16.76	24.00		-2.28		Pass
HE80	MCS0	2	42	5210	Full	9.50	9.30	12.41	24.00		-2.28		Pass
HE160	MCS0	2	50	5250	Full	8.20	7.70	10.97	24.00		-2.28		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18	
HE20	MCS0	2	36	5180	Full			6.37	11.00	-2.28			Pass
HE20	MCS0	2	36	5180	26/0			6.35	11.00	-2.28			Pass
HE20	MCS0	2	36	5180	52/37			5.89	11.00	-2.28			Pass
HE20	MCS0	2	36	5180	106/53			6.01	11.00	-2.28			Pass
HE20	MCS0	2	44	5220	Full			6.46	11.00	-2.28			Pass
HE20	MCS0	2	44	5220	26/4			6.07	11.00	-2.28			Pass
HE20	MCS0	2	44	5220	52/39			6.23	11.00	-2.28			Pass
HE20	MCS0	2	44	5220	106/53			6.25	11.00	-2.28			Pass
HE20	MCS0	2	48	5240	Full			6.50	11.00	-2.28			Pass
HE20	MCS0	2	48	5240	26/8			6.47	11.00	-2.28			Pass
HE20	MCS0	2	48	5240	52/40			6.39	11.00	-2.28			Pass
HE20	MCS0	2	48	5240	106/54			6.26	11.00	-2.28			Pass
HE40	MCS0	2	38	5190	Full			3.57	11.00	-2.28			Pass
HE40	MCS0	2	46	5230	Full			3.29	11.00	-2.28			Pass
HE80	MCS0	2	42	5210	Full			-4.19	11.00	-2.28			Pass
HE160	MCS0	2	50	5250	Full			-9.36	11.00	-2.28			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO																
Mod.	Data Rate	NTx	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	
HE20	MCS0	2	52	5260	Full	18.88	18.88	22.35	21.40	23.76		29.76		23.98		
HE20	MCS0	2	60	5300	Full	18.88	18.88	22.00	21.90	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	Full	18.88	18.88	22.05	21.65	23.76		29.76		23.98		
HE40	MCS0	2	54	5270	Full	37.76	37.66	39.69	39.51	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.76	37.76	39.42	39.51	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.56	77.44	81.12	81.12	23.98		30.00		23.98		
HE160	MCS0	2	50	5250	Full	157.04	157.04	163.20	163.52	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
HE20	MCS0	2	52	5260	Full	14.40	13.80	17.12	23.98		-2.11		26.99	Pass
HE20	MCS0	2	52	5260	26/0	6.40	5.80	9.12	23.98		-2.11		26.99	Pass
HE20	MCS0	2	52	5260	52/37	9.00	8.50	11.77	23.98		-2.11		26.99	Pass
HE20	MCS0	2	52	5260	106/53	12.00	11.60	14.81	23.98		-2.11		26.99	Pass
HE20	MCS0	2	60	5300	Full	14.40	13.90	17.17	23.98		-2.11		26.99	Pass
HE20	MCS0	2	60	5300	26/4	6.70	6.30	9.51	23.98		-2.11		26.99	Pass
HE20	MCS0	2	60	5300	52/39	9.00	8.40	11.72	23.98		-2.11		26.99	Pass
HE20	MCS0	2	60	5300	106/54	11.80	11.00	14.43	23.98		-2.11		26.99	Pass
HE20	MCS0	2	64	5320	Full	13.40	12.70	16.07	23.98		-2.11		26.99	Pass
HE20	MCS0	2	64	5320	26/8	5.20	4.30	7.78	23.98		-2.11		26.99	Pass
HE20	MCS0	2	64	5320	52/40	7.90	7.10	10.53	23.98		-2.11		26.99	Pass
HE20	MCS0	2	64	5320	106/54	11.10	10.40	13.77	23.98		-2.11		26.99	Pass
HE40	MCS0	2	54	5270	Full	14.00	13.60	16.81	23.98		-2.11		26.99	Pass
HE40	MCS0	2	62	5310	Full	13.50	12.80	16.17	23.98		-2.11		26.99	Pass
HE80	MCS0	2	58	5290	Full	10.80	10.10	13.47	23.98		-2.11		26.99	Pass
HE160	MCS0	2	50	5250	Full	8.20	7.70	10.97	23.98		-2.11		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18	
HE20	MCS0	2	52	5260	Full			6.94	11.00		-2.11		Pass
HE20	MCS0	2	52	5260	26/0			6.74	11.00		-2.11		Pass
HE20	MCS0	2	52	5260	52/37			6.69	11.00		-2.11		Pass
HE20	MCS0	2	52	5260	106/53			6.92	11.00		-2.11		Pass
HE20	MCS0	2	60	5300	Full			6.69	11.00		-2.11		Pass
HE20	MCS0	2	60	5300	26/4			6.41	11.00		-2.11		Pass
HE20	MCS0	2	60	5300	52/39			6.64	11.00		-2.11		Pass
HE20	MCS0	2	60	5300	106/54			6.50	11.00		-2.11		Pass
HE20	MCS0	2	64	5320	Full			5.82	11.00		-2.11		Pass
HE20	MCS0	2	64	5320	26/8			5.69	11.00		-2.11		Pass
HE20	MCS0	2	64	5320	52/40			5.62	11.00		-2.11		Pass
HE20	MCS0	2	64	5320	106/54			5.77	11.00		-2.11		Pass
HE40	MCS0	2	54	5270	Full			3.40	11.00		-2.11		Pass
HE40	MCS0	2	62	5310	Full			3.05	11.00		-2.11		Pass
HE80	MCS0	2	58	5290	Full			-3.15	11.00		-2.11		Pass
HE160	MCS0	2	50	5250	Full			-9.36	11.00		-2.11		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																	
Mod.	Data Rate	NTx	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18
HE20	MCS0	2	100	5500	Full	18.88	18.88	22.15	21.80	23.76	29.76	23.98	----	----			
HE20	MCS0	2	116	5580	Full	18.88	18.88	22.15	21.65	23.76	29.76	23.98	----	----			
HE20	MCS0	2	140	5700	Full	18.93	18.88	21.90	21.70	23.76	29.76	23.98	----	----			
HE40	MCS0	2	102	5510	Full	37.76	37.76	39.60	39.51	23.98	30.00	23.98	----	----			
HE40	MCS0	2	110	5550	Full	37.86	37.66	39.69	39.69	23.98	30.00	23.98	----	----			
HE40	MCS0	2	134	5670	Full	37.66	37.66	39.60	39.51	23.98	30.00	23.98	----	----			
HE80	MCS0	2	106	5530	Full	77.44	77.44	80.96	81.12	23.98	30.00	23.98	----	----			
HE80	MCS0	2	122	5610	Full	77.44	77.20	81.12	81.12	23.98	30.00	23.98	----	----			
HE160	MCS0	2	114	5570	Full	156.80	156.80	163.84	163.52	23.98	30.00	23.98	----	----			

Band III straddle channel MIMO																	
Mod.	Data Rate	NTx	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 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18	Ant 17	Ant 18
HE20	MCS0	2	144	5720	Full	14.49	14.44	16.15	16.10	22.60		28.60		23.07		3.15	2.60
HE40	MCS0	2	142	5710	Full	33.88	33.88	34.89	34.71	23.98		30.00		23.98		3.63	2.64
HE80	MCS0	2	138	5690	Full	73.72	73.72	75.48	75.32	23.98		30.00		23.98		4.20	4.20

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
HE20	MCS0	2	100	5500	Full	15.80	15.00	18.43	23.98		-1.03		26.99	Pass
HE20	MCS0	2	100	5500	26/0	7.40	6.40	9.94	23.98		-1.03		26.99	Pass
HE20	MCS0	2	100	5500	52/37	10.00	9.10	12.58	23.98		-1.03		26.99	Pass
HE20	MCS0	2	100	5500	106/53	13.20	12.40	15.83	23.98		-1.03		26.99	Pass
HE20	MCS0	2	116	5580	Full	15.30	14.90	18.11	23.98		-1.03		26.99	Pass
HE20	MCS0	2	116	5580	26/4	7.60	7.10	10.37	23.98		-1.03		26.99	Pass
HE20	MCS0	2	116	5580	52/38	9.40	8.70	12.07	23.98		-1.03		26.99	Pass
HE20	MCS0	2	116	5580	106/53	12.50	12.00	15.27	23.98		-1.03		26.99	Pass
HE20	MCS0	2	140	5700	Full	15.00	14.40	17.72	23.98		-1.03		26.99	Pass
HE20	MCS0	2	140	5700	26/8	6.30	5.60	8.97	23.98		-1.03		26.99	Pass
HE20	MCS0	2	140	5700	52/40	8.50	7.80	11.17	23.98		-1.03		26.99	Pass
HE20	MCS0	2	140	5700	106/54	11.60	10.90	14.27	23.98		-1.03		26.99	Pass
HE40	MCS0	2	102	5510	Full	15.70	15.00	18.37	23.98		-1.03		26.99	Pass
HE40	MCS0	2	110	5550	Full	15.20	15.00	18.11	23.98		-1.03		26.99	Pass
HE40	MCS0	2	134	5670	Full	14.80	14.50	17.66	23.98		-1.03		26.99	Pass
HE80	MCS0	2	106	5530	Full	10.70	10.00	13.37	23.98		-1.03		26.99	Pass
HE80	MCS0	2	122	5610	Full	14.70	14.40	17.56	23.98		-1.03		26.99	Pass
HE160	MCS0	2	114	5570	Full	9.00	8.30	11.67	23.98		-1.03		26.99	Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
HE20	MCS0	2	144	5720	Full	15.00	14.40	17.72	23.07		-1.03		26.99	Pass
HE20	MCS0	2	144	5720	26/8	6.30	5.70	9.02	23.07		-1.03		26.99	Pass
HE20	MCS0	2	144	5720	52/40	9.00	8.30	11.67	23.07		-1.03		26.99	Pass
HE20	MCS0	2	144	5720	106/54	12.30	11.70	15.02	23.07		-1.03		26.99	Pass
HE40	MCS0	2	142	5710	Full	14.80	14.30	17.57	23.98		-1.03		26.99	Pass
HE80	MCS0	2	138	5690	Full	14.60	14.10	17.37	23.98		-1.03		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
HE20	MCS0	2	100	5500	Full			7.83	11.00		-1.03		Pass	
HE20	MCS0	2	100	5500	26/0			7.64	11.00		-1.03		Pass	
HE20	MCS0	2	100	5500	52/37			7.65	11.00		-1.03		Pass	
HE20	MCS0	2	100	5500	106/53			7.65	11.00		-1.03		Pass	
HE20	MCS0	2	116	5580	Full			7.59	11.00		-1.03		Pass	
HE20	MCS0	2	116	5580	26/4			7.31	11.00		-1.03		Pass	
HE20	MCS0	2	116	5580	52/38			7.21	11.00		-1.03		Pass	
HE20	MCS0	2	116	5580	106/53			7.29	11.00		-1.03		Pass	
HE20	MCS0	2	140	5700	Full			6.95	11.00		-1.03		Pass	
HE20	MCS0	2	140	5700	26/8			6.92	11.00		-1.03		Pass	
HE20	MCS0	2	140	5700	52/40			6.51	11.00		-1.03		Pass	
HE20	MCS0	2	140	5700	106/54			6.85	11.00		-1.03		Pass	
HE40	MCS0	2	102	5510	Full			5.18	11.00		-1.03		Pass	
HE40	MCS0	2	110	5550	Full			4.54	11.00		-1.03		Pass	
HE40	MCS0	2	134	5670	Full			4.13	11.00		-1.03		Pass	
HE80	MCS0	2	106	5530	Full			-3.90	11.00		-1.03		Pass	
HE80	MCS0	2	122	5610	Full			0.58	11.00		-1.03		Pass	
HE160	MCS0	2	114	5570	Full			-8.86	11.00		-1.03		Pass	

Band III straddle channel MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 17	Ant 18	SUM	Ant 17	Ant 18	Ant 17	Ant 18		
HE20	MCS0	2	144	5720	Full			6.93	11.00	-1.03			Pass	
HE20	MCS0	2	144	5720	26/8			6.88	11.00	-1.03			Pass	
HE20	MCS0	2	144	5720	52/40			6.87	11.00	-1.03			Pass	
HE20	MCS0	2	144	5720	106/54			6.52	11.00	-1.03			Pass	
HE40	MCS0	2	142	5710	Full			3.82	11.00	-1.03			Pass	
HE80	MCS0	2	138	5690	Full			0.12	11.00	-1.03			Pass	



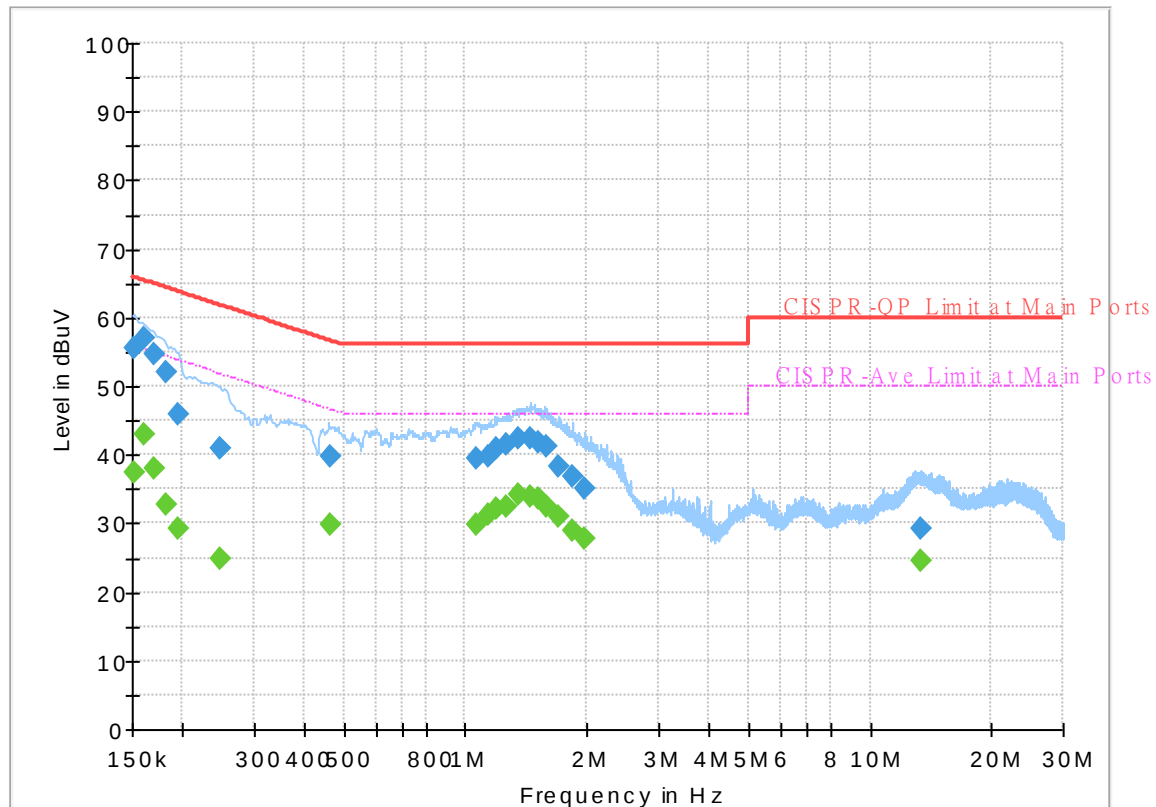
Appendix B. AC Conducted Emission Test Results

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

EUT Information

Report NO : 210628
Test Mode : Mode 1
Test Voltage : Power From System
Phase : Line

Full Spectrum



Final_Result

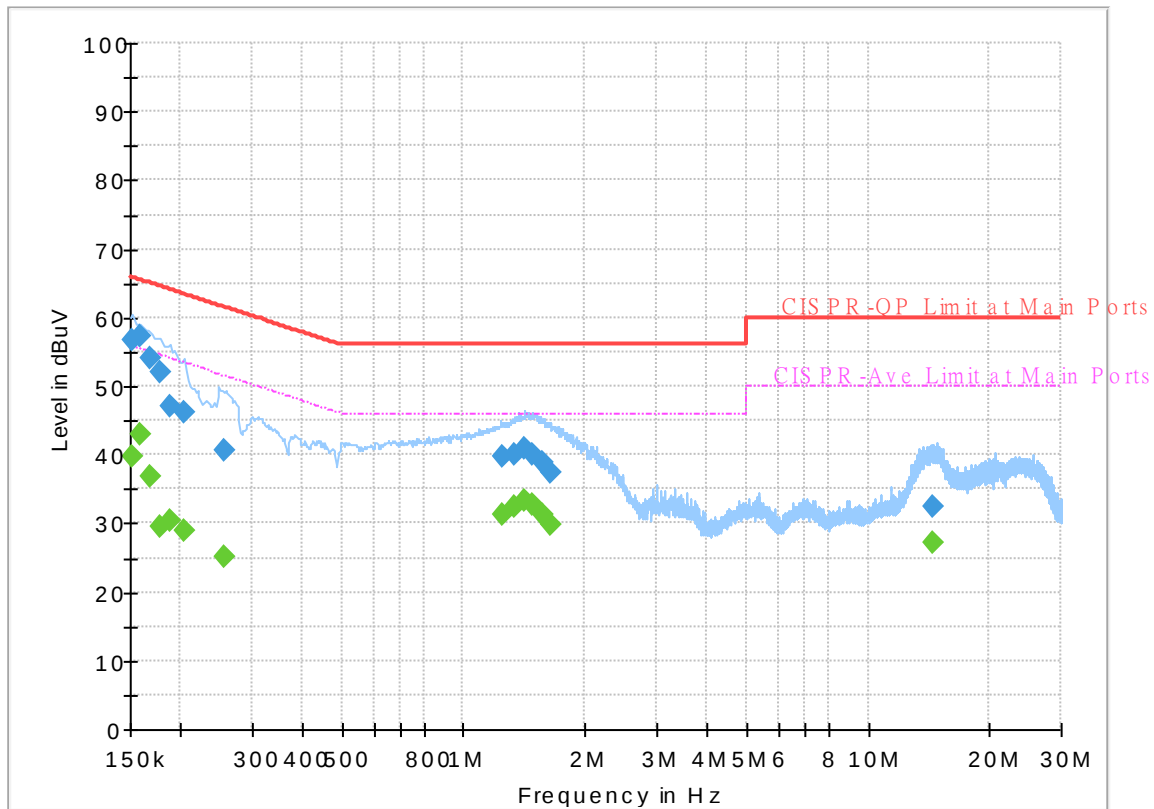
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	37.31	55.88	18.57	L1	OFF	19.6
0.152250	55.54	---	65.88	10.34	L1	OFF	19.6
0.161250	---	42.90	55.40	12.50	L1	OFF	19.6
0.161250	57.10	---	65.40	8.30	L1	OFF	19.6
0.170250	---	38.07	54.95	16.88	L1	OFF	19.6
0.170250	54.80	---	64.95	10.15	L1	OFF	19.6
0.181500	---	32.62	54.42	21.80	L1	OFF	19.6
0.181500	52.17	---	64.42	12.25	L1	OFF	19.6
0.195000	---	29.27	53.82	24.55	L1	OFF	19.6
0.195000	45.89	---	63.82	17.93	L1	OFF	19.6
0.246750	---	25.00	51.87	26.87	L1	OFF	19.6
0.246750	41.07	---	61.87	20.80	L1	OFF	19.6
0.462750	---	29.71	46.64	16.93	L1	OFF	19.6
0.462750	39.82	---	56.64	16.82	L1	OFF	19.6
1.059000	---	29.80	46.00	16.20	L1	OFF	19.6
1.059000	39.41	---	56.00	16.59	L1	OFF	19.6
1.142250	---	31.19	46.00	14.81	L1	OFF	19.6
1.142250	39.81	---	56.00	16.19	L1	OFF	19.6
1.198500	---	32.16	46.00	13.84	L1	OFF	19.6
1.198500	40.93	---	56.00	15.07	L1	OFF	19.6
1.259250	---	32.52	46.00	13.48	L1	OFF	19.6

1.259250	41.63	---	56.00	14.37	L1	OFF	19.6
1.351500	---	34.35	46.00	11.65	L1	OFF	19.6
1.351500	42.50	---	56.00	13.50	L1	OFF	19.6
1.443750	---	34.05	46.00	11.95	L1	OFF	19.6
1.443750	42.43	---	56.00	13.57	L1	OFF	19.6
1.515750	---	33.58	46.00	12.42	L1	OFF	19.6
1.515750	41.79	---	56.00	14.21	L1	OFF	19.6
1.590000	---	32.42	46.00	13.58	L1	OFF	19.6
1.590000	41.33	---	56.00	14.67	L1	OFF	19.6
1.707000	---	30.97	46.00	15.03	L1	OFF	19.6
1.707000	38.27	---	56.00	17.73	L1	OFF	19.6
1.837500	---	29.06	46.00	16.94	L1	OFF	19.6
1.837500	36.93	---	56.00	19.07	L1	OFF	19.6
1.968000	---	27.86	46.00	18.14	L1	OFF	19.6
1.968000	35.21	---	56.00	20.79	L1	OFF	19.6
13.375500	---	24.50	50.00	25.50	L1	OFF	19.8
13.375500	29.36	---	60.00	30.64	L1	OFF	19.8

EUT Information

Report NO : 210628
 Test Mode : Mode 1
 Test Voltage : Power From System
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	39.85	55.88	16.03	N	OFF	19.6
0.152250	56.82	---	65.88	9.06	N	OFF	19.6
0.159000	---	43.03	55.52	12.49	N	OFF	19.6
0.159000	57.34	---	65.52	8.18	N	OFF	19.6
0.168000	---	36.75	55.06	18.31	N	OFF	19.6
0.168000	54.05	---	65.06	11.01	N	OFF	19.6
0.177000	---	29.63	54.63	25.00	N	OFF	19.6
0.177000	52.04	---	64.63	12.59	N	OFF	19.6
0.188250	---	30.42	54.11	23.69	N	OFF	19.6
0.188250	47.06	---	64.11	17.05	N	OFF	19.6
0.204000	---	28.92	53.45	24.53	N	OFF	19.6
0.204000	46.17	---	63.45	17.28	N	OFF	19.6
0.255750	---	25.19	51.57	26.38	N	OFF	19.6
0.255750	40.50	---	61.57	21.07	N	OFF	19.6
1.248000	---	31.38	46.00	14.62	N	OFF	19.6
1.248000	39.69	---	56.00	16.31	N	OFF	19.6
1.335750	---	32.38	46.00	13.62	N	OFF	19.6
1.335750	40.11	---	56.00	15.89	N	OFF	19.6
1.416750	---	33.25	46.00	12.75	N	OFF	19.6
1.416750	40.98	---	56.00	15.02	N	OFF	19.6
1.484250	---	32.62	46.00	13.38	N	OFF	19.6

1.484250	40.15	---	56.00	15.85	N	OFF	19.6
1.576500	---	31.25	46.00	14.75	N	OFF	19.6
1.576500	38.95	---	56.00	17.05	N	OFF	19.6
1.644000	---	29.79	46.00	16.21	N	OFF	19.6
1.644000	37.43	---	56.00	18.57	N	OFF	19.6
14.444250	---	27.08	50.00	22.92	N	OFF	19.9
14.444250	32.41	---	60.00	27.59	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Andy Yang, Karl Hou, and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
17+18		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.16	58.05	-15.95	74	42.56	32.92	12.03	29.46	100	118	P	H
		5150	49.23	-4.77	54	33.76	32.9	12.03	29.46	100	118	A	H
	*	5180	111.05	-	-	95.48	32.96	12.08	29.47	100	118	P	H
	*	5180	103.08	-	-	87.51	32.96	12.08	29.47	100	118	A	H
													H
													H
		5149.24	57.77	-16.23	74	42.3	32.9	12.03	29.46	103	92	P	V
		5148.72	48.08	-5.92	54	32.6	32.91	12.03	29.46	103	92	A	V
	*	5180	110.08	-	-	94.51	32.96	12.08	29.47	103	92	P	V
	*	5180	102.4	-	-	86.83	32.96	12.08	29.47	103	92	A	V
													V
													V
802.11a CH 44 5220MHz		5102.44	54.85	-19.15	74	39.14	33.19	11.96	29.44	100	121	P	H
		5148.72	44.33	-9.67	54	28.85	32.91	12.03	29.46	100	121	A	H
	*	5220	111.16	-	-	95.5	32.96	12.18	29.48	100	121	P	H
	*	5220	103.62	-	-	87.96	32.96	12.18	29.48	100	121	A	H
		5354.16	54.02	-19.98	74	38.1	32.81	12.63	29.52	100	121	P	H
		5385.8	44.09	-9.91	54	28.01	32.87	12.74	29.53	100	121	A	H
		5059.54	54.72	-19.28	74	39.38	32.88	11.89	29.43	100	96	P	V
		5143	44.39	-9.61	54	28.89	32.94	12.02	29.46	100	96	A	V
	*	5220	109.55	-	-	93.89	32.96	12.18	29.48	100	96	P	V
	*	5220	102.43	-	-	86.77	32.96	12.18	29.48	100	96	A	V
		5427.8	54.64	-19.36	74	38.49	32.9	12.8	29.55	100	96	P	V
		5403.16	44	-10	54	27.85	32.9	12.79	29.54	100	96	A	V



802.11a CH 48 5240MHz		5026.26	55.29	-18.71	74	39.93	32.94	11.84	29.42	100	120	P	H
		5126.36	44.19	-9.81	54	28.6	33.04	12	29.45	100	120	A	H
	*	5240	111.12	-	-	95.44	32.92	12.25	29.49	100	120	P	H
	*	5240	104.11	-	-	88.43	32.92	12.25	29.49	100	120	A	H
		5351.36	54.47	-19.53	74	38.57	32.8	12.62	29.52	100	120	P	H
		5356.68	44.21	-9.79	54	28.28	32.81	12.64	29.52	100	120	A	H
		5115.96	55.06	-18.94	74	39.43	33.1	11.98	29.45	100	100	P	V
		5139.62	44.12	-9.88	54	28.59	32.96	12.02	29.45	100	100	A	V
	*	5240	110.11	-	-	94.43	32.92	12.25	29.49	100	100	P	V
	*	5240	102.53	-	-	86.85	32.92	12.25	29.49	100	100	A	V
		5428.36	54.43	-19.57	74	38.28	32.9	12.8	29.55	100	100	P	V
		5380.2	44.08	-9.92	54	28.03	32.86	12.72	29.53	100	100	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.43	-20.77	68.2	45.47	38.66	18.9	55.6	-	-	P	H
		11444	48.77	-25.23	74	45.58	39.02	19.21	55.04	-	-	P	H
		11444	38.7	-15.3	54	35.51	39.02	19.21	55.04	-	-	A	H
		14491	48.31	-25.69	74	40.49	40.4	21.75	54.33	-	-	P	H
		14491	38.23	-15.77	54	30.41	40.4	21.75	54.33	-	-	A	H
		15540	47.29	-26.71	74	41.04	38.28	22.65	54.68	-	-	P	H
		17967	53.69	-20.31	74	42.07	42.74	25.46	56.58	-	-	P	H
		17967	43.7	-10.3	54	32.08	42.74	25.46	56.58	-	-	A	H
													H
													H
													H
													H
		10360	47.45	-20.75	68.2	45.49	38.66	18.9	55.6	-	-	P	V
		10872	49.06	-24.94	74	46.57	38.91	18.98	55.4	-	-	P	V
		10872	39.01	-14.99	54	36.52	38.91	18.98	55.4	-	-	A	V
		14491	48.53	-25.47	74	40.71	40.4	21.75	54.33	-	-	P	V
		14491	38.46	-15.54	54	30.64	40.4	21.75	54.33	-	-	A	V
		15540	47.54	-26.46	74	41.29	38.28	22.65	54.68	-	-	P	V
		17901	54.06	-19.94	74	42.95	42.21	25.43	56.53	-	-	P	V
		17901	43.97	-10.03	54	32.86	42.21	25.43	56.53	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 44 5220MHz		10440	46.38	-21.82	68.2	44.35	38.66	18.91	55.54	-	-	P	H
		10927	48.96	-25.04	74	46.53	38.83	18.99	55.39	-	-	P	H
		10927	38.83	-15.17	54	36.4	38.83	18.99	55.39	-	-	A	H
		14480	48.35	-25.65	74	40.53	40.4	21.74	54.32	-	-	P	H
		14480	38.3	-15.7	54	30.48	40.4	21.74	54.32	-	-	A	H
		15660	45.76	-28.24	74	40.02	37.86	22.74	54.86	-	-	P	H
		17989	54.27	-19.73	74	42.47	42.91	25.48	56.59	-	-	P	H
		17989	44.18	-9.82	54	32.38	42.91	25.48	56.59	-	-	A	H
													H
													H
													H
													H
		10440	47.05	-21.15	68.2	45.02	38.66	18.91	55.54	-	-	P	V
		10740	48.44	-25.56	74	45.82	39.08	18.97	55.43	-	-	P	V
		10740	38.38	-15.62	54	35.76	39.08	18.97	55.43	-	-	A	V
		14491	48.91	-25.09	74	41.09	40.4	21.75	54.33	-	-	P	V
		14491	38.83	-15.17	54	31.01	40.4	21.75	54.33	-	-	A	V
		15660	45.83	-28.17	74	40.09	37.86	22.74	54.86	-	-	P	V
		17989	54.04	-19.96	74	42.24	42.91	25.48	56.59	-	-	P	V
		17989	43.96	-10.04	54	32.16	42.91	25.48	56.59	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		10480	47.51	-20.69	68.2	45.48	38.62	18.92	55.51	-	-	P	H
		10674	48.54	-25.46	74	46.04	39	18.95	55.45	-	-	P	H
		10674	36.86	-17.14	54	34.36	39	18.95	55.45	-	-	A	H
		14471	49.11	-24.89	74	41.3	40.4	21.73	54.32	-	-	P	H
		14471	42.44	-11.56	54	34.63	40.4	21.73	54.32	-	-	A	H
		15720	47.22	-26.78	74	41.69	37.7	22.78	54.95	-	-	P	H
		17989	53.35	-20.65	74	41.55	42.91	25.48	56.59	-	-	P	H
		17989	42.84	-11.16	54	31.04	42.91	25.48	56.59	-	-	A	H
													H
													H
													H
													H
		10480	48.51	-19.69	68.2	46.48	38.62	18.92	55.51	-	-	P	V
		10641	48.93	-25.07	74	46.44	39	18.95	55.46	-	-	P	V
		10641	37.62	-16.38	54	35.13	39	18.95	55.46	-	-	A	V
		14471	48.92	-25.08	74	41.11	40.4	21.73	54.32	-	-	P	V
		14471	42.23	-11.77	54	34.42	40.4	21.73	54.32	-	-	A	V
		15720	46.91	-27.09	74	41.38	37.7	22.78	54.95	-	-	P	V
		17956	53.51	-20.49	74	41.97	42.65	25.46	56.57	-	-	P	V
		17956	42.57	-11.43	54	31.03	42.65	25.46	56.57	-	-	A	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.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5146.38	58.5	-15.5	74	43.01	32.92	12.03	29.46	100	119	P	H
		5148.46	49.98	-4.02	54	34.5	32.91	12.03	29.46	100	119	A	H
	*	5190	109.29	-	-	93.69	32.98	12.09	29.47	100	119	P	H
	*	5190	99.33	-	-	83.73	32.98	12.09	29.47	100	119	A	H
		5437.32	54.41	-19.59	74	38.25	32.9	12.81	29.55	100	119	P	H
		5437.88	45.05	-8.95	54	28.89	32.9	12.81	29.55	100	119	A	H
		5146.9	58.49	-15.51	74	43	32.92	12.03	29.46	100	91	P	V
		5148.2	48.77	-5.23	54	33.29	32.91	12.03	29.46	100	91	A	V
	*	5190	107.66	-	-	92.06	32.98	12.09	29.47	100	91	P	V
	*	5190	98	-	-	82.4	32.98	12.09	29.47	100	91	A	V
		5391.96	54.21	-19.79	74	38.11	32.88	12.76	29.54	100	91	P	V
		5450.2	45.17	-8.83	54	29.01	32.9	12.81	29.55	100	91	A	V
802.11ax HE40 Full CH 46 5230MHz		5121.42	53.96	-20.04	74	38.35	33.07	11.99	29.45	100	118	P	H
		5145.6	45.46	-8.54	54	29.96	32.93	12.03	29.46	100	118	A	H
	*	5230	108.84	-	-	93.17	32.94	12.21	29.48	100	118	P	H
	*	5230	98.96	-	-	83.29	32.94	12.21	29.48	100	118	A	H
		5418.84	54.92	-19.08	74	38.76	32.9	12.8	29.54	100	118	P	H
		5350.52	45.33	-8.67	54	29.43	32.8	12.62	29.52	100	118	A	H
		5051.22	54.41	-19.59	74	39.15	32.81	11.88	29.43	108	91	P	V
		5098.02	45.2	-8.8	54	29.51	33.18	11.95	29.44	108	91	A	V
	*	5230	107.37	-	-	91.7	32.94	12.21	29.48	108	91	P	V
	*	5230	97.59	-	-	81.92	32.94	12.21	29.48	108	91	A	V
		5412.12	53.92	-20.08	74	37.76	32.9	12.8	29.54	108	91	P	V
		5428.08	45.22	-8.78	54	29.07	32.9	12.8	29.55	108	91	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		10380	48.28	-19.92	68.2	46.29	38.68	18.9	55.59	-	-	P	H
		10762	48.38	-25.62	74	45.72	39.12	18.97	55.43	-	-	P	H
		10762	37.23	-16.77	54	34.57	39.12	18.97	55.43	-	-	A	H
		14472	47.96	-26.04	74	40.15	40.4	21.73	54.32	-	-	P	H
		14472	42.07	-11.93	54	34.26	40.4	21.73	54.32	-	-	A	H
		15570	46.71	-27.29	74	40.57	38.19	22.68	54.73	-	-	P	H
		17989	52.97	-21.03	74	41.17	42.91	25.48	56.59	-	-	P	H
		17989	42.87	-11.13	54	31.07	42.91	25.48	56.59	-	-	A	H
													H
													H
													H
													H
		10380	47.8	-20.4	68.2	45.81	38.68	18.9	55.59	-	-	P	V
		11510	48.74	-25.26	74	45.7	38.8	19.24	55	-	-	P	V
		11510	37.7	-16.3	54	34.66	38.8	19.24	55	-	-	A	V
		14480	48.72	-25.28	74	40.9	40.4	21.74	54.32	-	-	P	V
		14480	42.44	-11.56	54	34.62	40.4	21.74	54.32	-	-	A	V
		15570	46.8	-27.2	74	40.66	38.19	22.68	54.73	-	-	P	V
		17978	52.96	-21.04	74	41.26	42.82	25.47	56.59	-	-	P	V
		17978	42.75	-11.25	54	31.05	42.82	25.47	56.59	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 46 5230MHz		10460	47.67	-20.53	68.2	45.64	38.64	18.91	55.52	-	-	P	H
		10971	49.17	-24.83	74	46.67	38.87	19.01	55.38	-	-	P	H
		10971	38.16	-15.84	54	35.66	38.87	19.01	55.38	-	-	A	H
		14472	48.23	-25.77	74	40.42	40.4	21.73	54.32	-	-	P	H
		14472	42.35	-11.65	54	34.54	40.4	21.73	54.32	-	-	A	H
		15690	46.08	-27.92	74	40.49	37.74	22.76	54.91	-	-	P	H
		17901	53.63	-20.37	74	42.52	42.21	25.43	56.53	-	-	P	H
		17901	42.17	-11.83	54	31.06	42.21	25.43	56.53	-	-	A	H
													H
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5114.66	58.13	-15.87	74	42.49	33.11	11.98	29.45	100	117	P	H
		5149.76	50.67	-3.33	54	35.2	32.9	12.03	29.46	100	117	A	H
	*	5210	101.31	-	-	85.67	32.98	12.14	29.48	100	117	P	H
	*	5210	92.23	-	-	76.59	32.98	12.14	29.48	100	117	A	H
		5374.04	54.9	-19.1	74	38.88	32.85	12.7	29.53	100	117	P	H
		5423.32	47.39	-6.61	54	31.24	32.9	12.8	29.55	100	117	A	H
		5149.5	56.48	-17.52	74	41.01	32.9	12.03	29.46	100	92	P	V
		5149.24	49.73	-4.27	54	34.26	32.9	12.03	29.46	100	92	A	V
	*	5210	99.94	-	-	84.3	32.98	12.14	29.48	100	92	P	V
	*	5210	91.2	-	-	75.56	32.98	12.14	29.48	100	92	A	V
		5395.88	54.12	-19.88	74	37.99	32.89	12.78	29.54	100	92	P	V
		5390.56	46.74	-7.26	54	30.63	32.88	12.76	29.53	100	92	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
Ant. 17+18		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full CH 42 5210MHz		10420	47.68	-20.52	68.2	45.64	38.68	18.91	55.55	-	-	P	H
		11191	48.48	-25.52	74	45.62	38.99	19.1	55.23	-	-	P	H
		11191	38.71	-15.29	54	35.85	38.99	19.1	55.23	-	-	A	H
		14472	49.9	-24.1	74	42.09	40.4	21.73	54.32	-	-	P	H
		14472	42.32	-11.68	54	34.51	40.4	21.73	54.32	-	-	A	H
		15630	46.37	-27.63	74	40.49	37.98	22.72	54.82	-	-	P	H
		17978	52.81	-21.19	74	41.11	42.82	25.47	56.59	-	-	P	H
		17978	43.07	-10.93	54	31.37	42.82	25.47	56.59	-	-	A	H
													H
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													H
													H
													H
		10420	46.87	-21.33	68.2	44.83	38.68	18.91	55.55	-	-	P	V
		10795	48.26	-25.74	74	45.51	39.19	18.98	55.42	-	-	P	V
		10795	38.49	-15.51	54	35.74	39.19	18.98	55.42	-	-	A	V
		14471	49.35	-24.65	74	41.54	40.4	21.73	54.32	-	-	P	V
		14471	42.48	-11.52	54	34.67	40.4	21.73	54.32	-	-	A	V
		15630	46.14	-27.86	74	40.26	37.98	22.72	54.82	-	-	P	V
		17956	52.66	-21.34	74	41.12	42.65	25.46	56.57	-	-	P	V
	17956	42.62	-11.38	54	31.08	42.65	25.46	56.57	-	-	A	V	
												V	
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												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 1 5150~5250MHz****WIFI 802.11ax HE160 Full (Band Edge @ 3m)**

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5113.9	57.41	-16.59	74	41.76	33.12	11.98	29.45	100	117	P	H
		5143.82	50.6	-3.4	54	35.1	32.94	12.02	29.46	100	117	A	H
	*	5250	97.31	-	-	81.62	32.9	12.28	29.49	100	117	P	H
	*	5250	88.6	-	-	72.91	32.9	12.28	29.49	100	117	A	H
		5387.76	57.06	-16.94	74	40.96	32.88	12.75	29.53	100	117	P	H
		5387.28	50.79	-3.21	54	34.7	32.87	12.75	29.53	100	117	A	H
		5123.42	56.12	-17.88	74	40.52	33.06	11.99	29.45	101	90	P	V
		5114.58	49.91	-4.09	54	34.27	33.11	11.98	29.45	101	90	A	V
	*	5250	95.35	-	-	79.66	32.9	12.28	29.49	101	90	P	V
	*	5250	87.46	-	-	71.77	32.9	12.28	29.49	101	90	A	V
		5387.28	55.92	-18.08	74	39.83	32.87	12.75	29.53	101	90	P	V
		5387.28	49.9	-4.1	54	33.81	32.87	12.75	29.53	101	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		10500	47.34	-20.86	68.2	45.3	38.6	18.93	55.49	-	-	P	H
		11125	48.79	-25.21	74	46.07	38.93	19.07	55.28	-	-	P	H
		11125	38.24	-15.76	54	35.52	38.93	19.07	55.28	-	-	A	H
		14471	48.24	-25.76	74	40.43	40.4	21.73	54.32	-	-	P	H
		14471	42.64	-11.36	54	34.83	40.4	21.73	54.32	-	-	A	H
		15750	46.55	-27.45	74	41.04	37.7	22.81	55	-	-	P	H
		17967	53.55	-20.45	74	41.93	42.74	25.46	56.58	-	-	P	H
		17967	42.68	-11.32	54	31.06	42.74	25.46	56.58	-	-	A	H
													H
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													H
		10500	48.21	-19.99	68.2	46.17	38.6	18.93	55.49	-	-	P	V
		10641	48.46	-25.54	74	45.97	39	18.95	55.46	-	-	P	V
		10641	37.92	-16.08	54	35.43	39	18.95	55.46	-	-	A	V
		14471	48.87	-25.13	74	41.06	40.4	21.73	54.32	-	-	P	V
		14471	42.45	-11.55	54	34.64	40.4	21.73	54.32	-	-	A	V
		15750	47.12	-26.88	74	41.61	37.7	22.81	55	-	-	P	V
		17989	53.69	-20.31	74	41.89	42.91	25.48	56.59	-	-	P	V
		17989	42.84	-11.16	54	31.04	42.91	25.48	56.59	-	-	A	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. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5140.42	54.92	-19.08	74	39.39	32.96	12.02	29.45	100	121	P	H
		5101.66	43.98	-10.02	54	28.27	33.19	11.96	29.44	100	121	A	H
	*	5260	111.7	-	-	95.96	32.92	12.31	29.49	100	121	P	H
	*	5260	104.16	-	-	88.42	32.92	12.31	29.49	100	121	A	H
		5356.8	55.09	-18.91	74	39.16	32.81	12.64	29.52	100	121	P	H
		5352.72	44.61	-9.39	54	28.69	32.81	12.63	29.52	100	121	A	H
		5130.56	54.85	-19.15	74	39.28	33.02	12	29.45	102	100	P	V
		5139.4	43.94	-10.06	54	28.41	32.96	12.02	29.45	102	100	A	V
	*	5260	110.93	-	-	95.19	32.92	12.31	29.49	102	100	P	V
	*	5260	101.97	-	-	86.23	32.92	12.31	29.49	102	100	A	V
		5446.32	56.05	-17.95	74	39.89	32.9	12.81	29.55	102	100	P	V
		5352.48	44.51	-9.49	54	28.6	32.8	12.63	29.52	102	100	A	V
802.11a CH 60 5300MHz		5086.02	54.5	-19.5	74	38.92	33.09	11.93	29.44	100	119	P	H
		5120.36	44.03	-9.97	54	28.41	33.08	11.99	29.45	100	119	A	H
	*	5300	111.93	-	-	95.99	33	12.45	29.51	100	119	P	H
	*	5300	104.73	-	-	88.79	33	12.45	29.51	100	119	A	H
		5427.12	55.12	-18.88	74	38.97	32.9	12.8	29.55	100	119	P	H
		5352.96	46.29	-7.71	54	30.37	32.81	12.63	29.52	100	119	A	H
		5091.46	54.09	-19.91	74	38.46	33.13	11.94	29.44	108	90	P	V
		5092.14	43.9	-10.1	54	28.26	33.14	11.94	29.44	108	90	A	V
	*	5300	111.14	-	-	95.2	33	12.45	29.51	108	90	P	V
	*	5300	102.81	-	-	86.87	33	12.45	29.51	108	90	A	V
		5450.64	55.56	-18.44	74	39.4	32.9	12.81	29.55	108	90	P	V
		5352.24	45.36	-8.64	54	29.45	32.8	12.63	29.52	108	90	A	V



802.11a CH 64 5320MHz	*	5320	110.59	-	-	94.66	32.92	12.52	29.51	100	119	P	H
	*	5320	103.61	-	-	87.68	32.92	12.52	29.51	100	119	A	H
		5354.08	59.22	-14.78	74	43.3	32.81	12.63	29.52	100	119	P	H
		5353.76	50.06	-3.94	54	34.14	32.81	12.63	29.52	100	119	A	H
													H
													H
	*	5320	110.1	-	-	94.17	32.92	12.52	29.51	112	91	P	V
	*	5320	101.88	-	-	85.95	32.92	12.52	29.51	112	91	A	V
		5353.76	57.34	-16.66	74	41.42	32.81	12.63	29.52	112	91	P	V
		5353.28	48.67	-5.33	54	32.75	32.81	12.63	29.52	112	91	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	46.85	-21.35	68.2	44.73	38.68	18.93	55.49	-	-	P	H
		11301	49	-25	74	45.8	39.2	19.15	55.15	-	-	P	H
		11301	38.83	-15.17	54	35.63	39.2	19.15	55.15	-	-	A	H
		14471	48.3	-25.7	74	40.49	40.4	21.73	54.32	-	-	P	H
		14471	42.55	-11.45	54	34.74	40.4	21.73	54.32	-	-	A	H
		15780	45.85	-28.15	74	40.37	37.7	22.83	55.05	-	-	P	H
		17967	53.58	-20.42	74	41.96	42.74	25.46	56.58	-	-	P	H
		17967	42.65	-11.35	54	31.03	42.74	25.46	56.58	-	-	A	H
													H
													H
													H
													H
		10520	47.13	-21.07	68.2	45.01	38.68	18.93	55.49	-	-	P	V
		10740	49.04	-24.96	74	46.42	39.08	18.97	55.43	-	-	P	V
		10740	38.12	-15.88	54	35.5	39.08	18.97	55.43	-	-	A	V
		14491	49.27	-24.73	74	41.45	40.4	21.75	54.33	-	-	P	V
		14491	42.67	-11.33	54	34.85	40.4	21.75	54.33	-	-	A	V
		15778	46.44	-27.56	74	40.95	37.7	22.83	55.04	-	-	P	V
		17956	52.89	-21.11	74	41.35	42.65	25.46	56.57	-	-	P	V
		17956	42.61	-11.39	54	31.07	42.65	25.46	56.57	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 60 5300MHz		10600	47.64	-26.36	74	45.16	39	18.95	55.47	-	-	P	H
		10894	48.59	-25.41	74	46.17	38.82	19	55.4	-	-	P	H
		10894	38.24	-15.76	54	35.82	38.82	19	55.4	-	-	A	H
		14471	48.51	-25.49	74	40.7	40.4	21.73	54.32	-	-	P	H
		14471	42.44	-11.56	54	34.63	40.4	21.73	54.32	-	-	A	H
		15900	45.5	-28.5	74	39.93	37.9	22.9	55.23	-	-	P	H
		17989	53.43	-20.57	74	41.63	42.91	25.48	56.59	-	-	P	H
		17989	42.85	-11.15	54	31.05	42.91	25.48	56.59	-	-	A	H
													H
													H
													H
													H
		10600	47.85	-26.15	74	45.37	39	18.95	55.47	-	-	P	V
		11642	49.17	-24.83	74	46.1	38.72	19.3	54.95	-	-	P	V
		11642	38.49	-15.51	54	35.42	38.72	19.3	54.95	-	-	A	V
		14471	48.99	-25.01	74	41.18	40.4	21.73	54.32	-	-	P	V
		14471	42.38	-11.62	54	34.57	40.4	21.73	54.32	-	-	A	V
		15900	45.25	-28.75	74	39.68	37.9	22.9	55.23	-	-	P	V
		17956	53.11	-20.89	74	41.57	42.65	25.46	56.57	-	-	P	V
		17956	42.57	-11.43	54	31.03	42.65	25.46	56.57	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz		10640	48.04	-25.96	74	45.55	39	18.95	55.46	-	-	P	H
		10640	38	-16	54	35.51	39	18.95	55.46	-	-	A	H
		14471	48.04	-25.96	74	40.23	40.4	21.73	54.32	-	-	P	H
		14471	42.67	-11.33	54	34.86	40.4	21.73	54.32	-	-	A	H
		15960	45.33	-28.67	74	39.98	37.72	22.95	55.32	-	-	P	H
		17978	53.16	-20.84	74	41.46	42.82	25.47	56.59	-	-	P	H
		17978	42.77	-11.23	54	31.07	42.82	25.47	56.59	-	-	A	H
													H
													H
													H
													H
													H
		10640	48.04	-25.96	74	45.55	39	18.95	55.46	-	-	P	V
		10640	37.98	-16.02	54	35.49	39	18.95	55.46	-	-	A	V
		14471	48.6	-25.4	74	40.79	40.4	21.73	54.32	-	-	P	V
		14471	42.37	-11.63	54	34.56	40.4	21.73	54.32	-	-	A	V
		15960	45.37	-28.63	74	40.02	37.72	22.95	55.32	-	-	P	V
		17978	53.62	-20.38	74	41.92	42.82	25.47	56.59	-	-	P	V
		17978	42.77	-11.23	54	31.07	42.82	25.47	56.59	-	-	A	V
													V
													V
													V
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													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		5075.48	54.67	-19.33	74	39.18	33	11.92	29.43	100	118	P	H
		5120.36	44.58	-9.42	54	28.96	33.08	11.99	29.45	100	118	A	H
	*	5260	112.97	-	-	97.23	32.92	12.31	29.49	100	118	P	H
	*	5260	102.86	-	-	87.12	32.92	12.31	29.49	100	118	A	H
		5369.28	55.18	-18.82	74	39.18	32.84	12.69	29.53	100	118	P	H
		5350.8	44.71	-9.29	54	28.81	32.8	12.62	29.52	100	118	A	H
		5128.52	54.54	-19.46	74	38.96	33.03	12	29.45	105	91	P	V
		5097.92	44.24	-9.76	54	28.55	33.18	11.95	29.44	105	91	A	V
	*	5260	112.69	-	-	96.95	32.92	12.31	29.49	105	91	P	V
	*	5260	102.14	-	-	86.4	32.92	12.31	29.49	105	91	A	V
		5437.92	54.51	-19.49	74	38.35	32.9	12.81	29.55	105	91	P	V
		5394.24	44.38	-9.62	54	28.26	32.89	12.77	29.54	105	91	A	V
802.11ax HE20 Full CH 60 5300MHz		5106.42	53.66	-20.34	74	37.98	33.16	11.96	29.44	100	117	P	H
		5132.94	44.28	-9.72	54	28.72	33	12.01	29.45	100	117	A	H
	*	5300	112.41	-	-	96.47	33	12.45	29.51	100	117	P	H
	*	5300	103	-	-	87.06	33	12.45	29.51	100	117	A	H
		5350.8	55.9	-18.1	74	40	32.8	12.62	29.52	100	117	P	H
		5351.76	46.44	-7.56	54	30.53	32.8	12.63	29.52	100	117	A	H
		5019.04	54.02	-19.98	74	38.62	32.99	11.83	29.42	114	91	P	V
		5142.46	44.06	-9.94	54	28.55	32.95	12.02	29.46	114	91	A	V
	*	5300	111.38	-	-	95.44	33	12.45	29.51	114	91	P	V
	*	5300	101.47	-	-	85.53	33	12.45	29.51	114	91	A	V
		5362.08	55.06	-18.94	74	39.11	32.82	12.66	29.53	114	91	P	V
		5351.52	45.62	-8.38	54	29.71	32.8	12.63	29.52	114	91	A	V



802.11ax HE20 Full CH 64 5320MHz	*	5320	111.46	-	-	95.53	32.92	12.52	29.51	100	119	P	H
	*	5320	101.87	-	-	85.94	32.92	12.52	29.51	100	119	A	H
		5352.16	61.72	-12.28	74	45.81	32.8	12.63	29.52	100	119	P	H
		5351.68	50.53	-3.47	54	34.62	32.8	12.63	29.52	100	119	A	H
													H
													H
	*	5320	109.4	-	-	93.47	32.92	12.52	29.51	114	91	P	V
	*	5320	100.03	-	-	84.1	32.92	12.52	29.51	114	91	A	V
		5356.64	57.25	-16.75	74	41.32	32.81	12.64	29.52	114	91	P	V
		5351.84	48.79	-5.21	54	32.88	32.8	12.63	29.52	114	91	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		10520	47.98	-20.22	68.2	45.86	38.68	18.93	55.49	-	-	P	H
		10872	49.17	-24.83	74	46.68	38.91	18.98	55.4	-	-	P	H
		10872	38.15	-15.85	54	35.66	38.91	18.98	55.4	-	-	A	H
		14471	48.3	-25.7	74	40.49	40.4	21.73	54.32	-	-	P	H
		14471	42.44	-11.56	54	34.63	40.4	21.73	54.32	-	-	A	H
		15780	45.36	-28.64	74	39.88	37.7	22.83	55.05	-	-	P	H
		17956	53.16	-20.84	74	41.62	42.65	25.46	56.57	-	-	P	H
		17956	42.58	-11.42	54	31.04	42.65	25.46	56.57	-	-	A	H
													H
													H
													H
													H
		10520	47.98	-20.22	68.2	45.86	38.68	18.93	55.49	-	-	P	V
		11466	48.58	-25.42	74	45.45	38.94	19.22	55.03	-	-	P	V
		11466	38.59	-15.41	54	35.46	38.94	19.22	55.03	-	-	A	V
		14491	49.81	-24.19	74	41.99	40.4	21.75	54.33	-	-	P	V
		14491	42.36	-11.64	54	34.54	40.4	21.75	54.33	-	-	A	V
		15780	45.48	-28.52	74	40	37.7	22.83	55.05	-	-	P	V
		17978	53.28	-20.72	74	41.58	42.82	25.47	56.59	-	-	P	V
		17978	42.77	-11.23	54	31.07	42.82	25.47	56.59	-	-	A	V
													V
													V
													V
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WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 60 5300MHz		10600	48.03	-25.97	74	45.55	39	18.95	55.47	-	-	P	H
		10600	38.1	-15.9	54	35.62	39	18.95	55.47	-	-	A	H
		10685	48.71	-25.29	74	46.2	39	18.96	55.45	-	-	P	H
		10685	38.16	-15.84	54	35.65	39	18.96	55.45	-	-	A	H
		14471	47.97	-26.03	74	40.16	40.4	21.73	54.32	-	-	P	H
		14471	42.58	-11.42	54	34.77	40.4	21.73	54.32	-	-	A	H
		15900	45.51	-28.49	74	39.94	37.9	22.9	55.23	-	-	P	H
		17978	52.92	-21.08	74	41.22	42.82	25.47	56.59	-	-	P	H
		17978	42.75	-11.25	54	31.05	42.82	25.47	56.59	-	-	A	H
													H
													H
													H
		10600	47.42	-26.58	74	44.94	39	18.95	55.47	-	-	P	V
		10883	48.98	-25.02	74	46.52	38.87	18.99	55.4	-	-	P	V
		10883	38.3	-15.7	54	35.84	38.87	18.99	55.4	-	-	A	V
		14502	49.36	-18.84	68.2	41.53	40.4	21.76	54.33	-	-	P	V
		14502	42.66	-11.34	54	34.83	40.4	21.76	54.33	-	-	A	V
		15900	45.54	-28.46	74	39.97	37.9	22.9	55.23	-	-	P	V
		17967	53.18	-20.82	74	41.56	42.74	25.46	56.58	-	-	P	V
		17967	42.66	-11.34	54	31.04	42.74	25.46	56.58	-	-	A	V
													V
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													V
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WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz		10640	48.19	-25.81	74	45.7	39	18.95	55.46	-	-	P	H
		10640	38.27	-15.73	54	35.78	39	18.95	55.46	-	-	A	H
		14471	48.43	-25.57	74	40.62	40.4	21.73	54.32	-	-	P	H
		14471	42.4	-11.6	54	34.59	40.4	21.73	54.32	-	-	A	H
		15960	46.89	-27.11	74	41.54	37.72	22.95	55.32	-	-	P	H
		17956	53.52	-20.48	74	41.98	42.65	25.46	56.57	-	-	P	H
		17956	42.58	-11.42	54	31.04	42.65	25.46	56.57	-	-	A	H
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Band 2 5250~5350MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	115.89	-	-	99.96	32.92	12.52	29.51	104	119	P	H
	*	5320	104.5	-	-	88.57	32.92	12.52	29.51	104	119	A	H
		5350.56	62.46	-11.54	74	46.56	32.8	12.62	29.52	104	119	P	H
		5350.56	48.05	-5.95	54	32.15	32.8	12.62	29.52	104	119	A	H
													H
													H
	*	5320	113.66	-	-	97.73	32.92	12.52	29.51	110	92	P	V
	*	5320	102.72	-	-	86.79	32.92	12.52	29.51	110	92	A	V
		5350.56	59.37	-14.63	74	43.47	32.8	12.62	29.52	110	92	P	V
		5350.24	46.44	-7.56	54	30.54	32.8	12.62	29.52	110	92	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5119	55.32	-18.68	74	39.7	33.09	11.98	29.45	100	117	P	H
		5128.52	45.43	-8.57	54	29.85	33.03	12	29.45	100	117	A	H
	*	5270	110.39	-	-	94.6	32.94	12.35	29.5	100	117	P	H
	*	5270	100.1	-	-	84.31	32.94	12.35	29.5	100	117	A	H
		5435.28	54.57	-19.43	74	38.41	32.9	12.81	29.55	100	117	P	H
		5352	46.19	-7.81	54	30.28	32.8	12.63	29.52	100	117	A	H
		5087.72	54.34	-19.66	74	38.74	33.1	11.94	29.44	101	90	P	V
		5079.9	44.97	-9.03	54	29.45	33.04	11.92	29.44	101	90	A	V
	*	5270	108.18	-	-	92.39	32.94	12.35	29.5	101	90	P	V
	*	5270	98.95	-	-	83.16	32.94	12.35	29.5	101	90	A	V
		5458.8	54.04	-19.96	74	37.9	32.88	12.82	29.56	101	90	P	V
		5353.68	45.58	-8.42	54	29.66	32.81	12.63	29.52	101	90	A	V
802.11ax HE40 Full CH 62 5310MHz		5109.82	54.89	-19.11	74	39.23	33.14	11.97	29.45	100	119	P	H
		5110.5	44.75	-9.25	54	29.09	33.14	11.97	29.45	100	119	A	H
	*	5310	109.08	-	-	93.15	32.96	12.48	29.51	100	119	P	H
	*	5310	99.83	-	-	83.9	32.96	12.48	29.51	100	119	A	H
		5350.56	60.45	-13.55	74	44.55	32.8	12.62	29.52	100	119	P	H
		5350.56	50.86	-3.14	54	34.96	32.8	12.62	29.52	100	119	A	H
		5139.74	55.71	-18.29	74	40.18	32.96	12.02	29.45	100	95	P	V
		5110.16	44.73	-9.27	54	29.07	33.14	11.97	29.45	100	95	A	V
	*	5310	106.7	-	-	90.77	32.96	12.48	29.51	100	95	P	V
	*	5310	97.55	-	-	81.62	32.96	12.48	29.51	100	95	A	V
		5354.88	58.47	-15.53	74	42.54	32.81	12.64	29.52	100	95	P	V
		5350.32	49.51	-4.49	54	33.61	32.8	12.62	29.52	100	95	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		10540	47.17	-21.03	68.2	44.95	38.76	18.94	55.48	-	-	P	H
		10938	49.3	-24.7	74	46.84	38.84	19	55.38	-	-	P	H
		10938	37.88	-16.12	54	35.42	38.84	19	55.38	-	-	A	H
		14471	47.63	-26.37	74	39.82	40.4	21.73	54.32	-	-	P	H
		14471	42.35	-11.65	54	34.54	40.4	21.73	54.32	-	-	A	H
		15810	45.56	-28.44	74	40.08	37.72	22.85	55.09	-	-	P	H
		17967	53.19	-20.81	74	41.57	42.74	25.46	56.58	-	-	P	H
		17967	42.66	-11.34	54	31.04	42.74	25.46	56.58	-	-	A	H
													H
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													H
													H
		10540	46.12	-22.08	68.2	43.9	38.76	18.94	55.48	-	-	P	V
		12247	48.72	-25.28	74	44.82	38.85	19.7	54.65	-	-	P	V
		12247	39.53	-14.47	54	35.63	38.85	19.7	54.65	-	-	A	V
		14471	48.95	-25.05	74	41.14	40.4	21.73	54.32	-	-	P	V
		14471	42.58	-11.42	54	34.77	40.4	21.73	54.32	-	-	A	V
		15810	45.69	-28.31	74	40.21	37.72	22.85	55.09	-	-	P	V
		17989	53.08	-20.92	74	41.28	42.91	25.48	56.59	-	-	P	V
		17989	42.84	-11.16	54	31.04	42.91	25.48	56.59	-	-	A	V
													V
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WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 62 5310MHz		10620	48.09	-25.91	74	45.6	39	18.95	55.46	-	-	P	H
		10620	37.91	-16.09	54	35.42	39	18.95	55.46	-	-	A	H
		10916	48.92	-25.08	74	46.49	38.82	19	55.39	-	-	P	H
		10916	37.84	-16.16	54	35.41	38.82	19	55.39	-	-	A	H
		14471	47.83	-26.17	74	40.02	40.4	21.73	54.32	-	-	P	H
		14471	42.27	-11.73	54	34.46	40.4	21.73	54.32	-	-	A	H
		15930	45.66	-28.34	74	40.19	37.81	22.93	55.27	-	-	P	H
		17967	53.79	-20.21	74	42.17	42.74	25.46	56.58	-	-	P	H
		17967	42.64	-11.36	54	31.02	42.74	25.46	56.58	-	-	A	H
													H
													H
													H
		10620	47.28	-26.72	74	44.79	39	18.95	55.46	-	-	P	V
		10861	48.94	-25.06	74	46.39	38.96	18.99	55.4	-	-	P	V
		10861	38.1	-15.9	54	35.55	38.96	18.99	55.4	-	-	A	V
		14491	49.12	-24.88	74	41.3	40.4	21.75	54.33	-	-	P	V
		14491	42.45	-11.55	54	34.63	40.4	21.75	54.33	-	-	A	V
		15930	45.81	-28.19	74	40.34	37.81	22.93	55.27	-	-	P	V
		17956	53.09	-20.91	74	41.55	42.65	25.46	56.57	-	-	P	V
		17956	42.57	-11.43	54	31.03	42.65	25.46	56.57	-	-	A	V
												V	
												V	
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												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5092.48	54.38	-19.62	74	38.74	33.14	11.94	29.44	100	117	P	H
		5105.4	46.74	-7.26	54	31.05	33.17	11.96	29.44	100	117	A	H
	*	5290	103.51	-	-	87.61	32.98	12.42	29.5	100	117	P	H
	*	5290	93.81	-	-	77.91	32.98	12.42	29.5	100	117	A	H
		5350.32	55.54	-18.46	74	39.64	32.8	12.62	29.52	100	117	P	H
		5350.32	50.42	-3.58	54	34.52	32.8	12.62	29.52	100	117	A	H
		5086.7	53.85	-20.15	74	38.27	33.09	11.93	29.44	100	95	P	V
		5097.92	46.61	-7.39	54	30.92	33.18	11.95	29.44	100	95	A	V
	*	5290	102.13	-	-	86.2	32.99	12.44	29.5	100	95	P	V
	*	5290	92.99	-	-	77.06	32.99	12.44	29.5	100	95	A	V
		5350.56	55.52	-18.48	74	39.62	32.8	12.62	29.52	100	95	P	V
		5350.56	49.88	-4.12	54	33.98	32.8	12.62	29.52	100	95	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		10580	47.57	-20.63	68.2	45.18	38.92	18.94	55.47	-	-	P	H
		11642	48.88	-25.12	74	45.81	38.72	19.3	54.95	-	-	P	H
		11642	38.75	-15.25	54	35.68	38.72	19.3	54.95	-	-	A	H
		14471	47.54	-26.46	74	39.73	40.4	21.73	54.32	-	-	P	H
		14471	42.27	-11.73	54	34.46	40.4	21.73	54.32	-	-	A	H
		15780	46.65	-27.35	74	41.17	37.7	22.83	55.05	-	-	P	H
		17956	53.21	-20.79	74	41.67	42.65	25.46	56.57	-	-	P	H
		17956	42.58	-11.42	54	31.04	42.65	25.46	56.57	-	-	A	H
													H
													H
													H
													H
		10580	47.54	-20.66	68.2	45.15	38.92	18.94	55.47	-	-	P	V
		10784	48.57	-25.43	74	45.85	39.17	18.97	55.42	-	-	P	V
		10784	38.18	-15.82	54	35.46	39.17	18.97	55.42	-	-	A	V
		14471	47.54	-26.46	74	39.73	40.4	21.73	54.32	-	-	P	V
		14471	42.67	-11.33	54	34.86	40.4	21.73	54.32	-	-	A	V
		15780	45.91	-28.09	74	40.43	37.7	22.83	55.05	-	-	P	V
		17978	53.2	-20.8	74	41.5	42.82	25.47	56.59	-	-	P	V
		17978	42.72	-11.28	54	31.02	42.82	25.47	56.59	-	-	A	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.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5459.44	59.91	-14.09	74	43.77	32.88	12.82	29.56	100	117	P	H
		5468.4	60.5	-7.7	68.2	44.38	32.86	12.82	29.56	100	117	P	H
		5459.92	48.2	-5.8	54	32.06	32.88	12.82	29.56	100	117	A	H
	*	5500	113.12	-	-	97.05	32.8	12.84	29.57	100	117	P	H
	*	5500	105.64	-	-	89.57	32.8	12.84	29.57	100	117	A	H
													H
		5457.84	56.79	-17.21	74	40.65	32.88	12.82	29.56	100	104	P	V
		5468.24	58.16	-10.04	68.2	42.04	32.86	12.82	29.56	100	104	P	V
		5459.6	46.34	-7.66	54	30.2	32.88	12.82	29.56	100	104	A	V
	*	5500	110.11	-	-	94.04	32.8	12.84	29.57	100	104	P	V
	*	5500	102.51	-	-	86.44	32.8	12.84	29.57	100	104	A	V
													V
802.11a CH 116 5580MHz		5446.48	55.75	-18.25	74	39.59	32.9	12.81	29.55	100	120	P	H
		5467.12	55.16	-13.04	68.2	39.03	32.87	12.82	29.56	100	120	P	H
		5436.16	44.95	-9.05	54	28.79	32.9	12.81	29.55	100	120	A	H
	*	5580	113.75	-	-	97.42	33.04	12.87	29.58	100	120	P	H
	*	5580	105.96	-	-	89.63	33.04	12.87	29.58	100	120	A	H
		5730.035	55.58	-12.62	68.2	38.76	33.48	12.95	29.61	100	120	P	H
		5442.88	55.65	-18.35	74	39.49	32.9	12.81	29.55	100	94	P	V
		5469.28	54.33	-13.87	68.2	38.21	32.86	12.82	29.56	100	94	P	V
		5451.28	44.63	-9.37	54	28.47	32.9	12.81	29.55	100	94	A	V
	*	5580	110.83	-	-	94.5	33.04	12.87	29.58	100	94	P	V
	*	5580	103.2	-	-	86.87	33.04	12.87	29.58	100	94	A	V
		5738.855	55.31	-12.89	68.2	38.43	33.53	12.96	29.61	100	94	P	V



802.11a CH 140 5700MHz	*	5700	111.73	-	-	95.11	33.3	12.93	29.61	100	119	P	H
	*	5700	104.47	-	-	87.85	33.3	12.93	29.61	100	119	A	H
		5725.4	61.76	-6.44	68.2	44.97	33.45	12.95	29.61	100	119	P	H
													H
													H
													H
	*	5700	109.61	-	-	92.99	33.3	12.93	29.61	100	89	P	V
	*	5700	101.46	-	-	84.84	33.3	12.93	29.61	100	89	A	V
		5726.28	59.03	-9.17	68.2	42.23	33.46	12.95	29.61	100	89	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.68	-26.32	74	45.14	38.9	19.01	55.37	-	-	P	H
		14471	47.64	-26.36	74	39.83	40.4	21.73	54.32	-	-	P	H
		14471	42.55	-11.45	54	34.74	40.4	21.73	54.32	-	-	A	H
		16500	47.81	-20.39	68.2	40.19	38.5	23.98	54.86	-	-	P	H
		17934	53.38	-20.62	74	42.02	42.47	25.45	56.56	-	-	P	H
		17934	44.41	-9.59	54	33.05	42.47	25.45	56.56	-	-	A	H
													H
													H
													H
													H
													H
													H
		11000	47.93	-26.07	74	45.39	38.9	19.01	55.37	-	-	P	V
		14471	49.47	-24.53	74	41.66	40.4	21.73	54.32	-	-	P	V
		14471	42.46	-11.54	54	34.65	40.4	21.73	54.32	-	-	A	V
		16500	47.11	-21.09	68.2	39.49	38.5	23.98	54.86	-	-	P	V
		17967	53.87	-20.13	74	42.25	42.74	25.46	56.58	-	-	P	V
		17967	42.66	-11.34	54	31.04	42.74	25.46	56.58	-	-	A	V
													V
													V
													V
													V
													V
													V



WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		10630	50.19	-23.81	74	47.7	39	18.95	55.46	-	-	P	H
		10630	40.07	-13.93	54	37.58	39	18.95	55.46	-	-	A	H
		11160	47.25	-26.75	74	44.45	38.96	19.09	55.25	-	-	P	H
		14471	48.74	-25.26	74	40.93	40.4	21.73	54.32	-	-	P	H
		14471	42.33	-11.67	54	34.52	40.4	21.73	54.32	-	-	A	H
		16740	48.06	-20.14	68.2	40.73	37.88	24.46	55.01	-	-	P	H
		17879	53.4	-20.6	74	42.55	41.95	25.42	56.52	-	-	P	V
		17879	42.48	-11.52	54	31.63	41.95	25.42	56.52	-	-	A	V
													H
													H
													H
													H
		11160	46.98	-27.02	74	44.18	38.96	19.09	55.25	-	-	P	V
		11290	48.97	-25.03	74	45.81	39.18	19.14	55.16	-	-	P	V
		11290	38.89	-15.11	54	35.73	39.18	19.14	55.16	-	-	A	V
		14491	49.36	-24.64	74	41.54	40.4	21.75	54.33	-	-	P	V
		14491	42.56	-11.44	54	34.74	40.4	21.75	54.33	-	-	A	V
		16740	47.08	-21.12	68.2	39.75	37.88	24.46	55.01	-	-	P	V
		17978	52.89	-21.11	74	41.19	42.82	25.47	56.59	-	-	P	V
		17978	42.74	-11.26	54	31.04	42.82	25.47	56.59	-	-	A	V
													V
													V
													V
													V

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz		11400	47.07	-26.93	74	43.75	39.2	19.19	55.07	-	-	P	H
		14471	48.38	-25.62	74	40.57	40.4	21.73	54.32	-	-	P	H
		14471	42.46	-11.54	54	34.65	40.4	21.73	54.32	-	-	A	H
		17100	47.72	-20.48	68.2	40.39	37.7	25.03	55.4	-	-	P	H
		17967	53.79	-20.21	74	42.17	42.74	25.46	56.58	-	-	P	H
		17967	42.66	-11.34	54	31.04	42.74	25.46	56.58	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
		11400	47.26	-26.74	74	43.94	39.2	19.19	55.07	-	-	P	V
		14471	49.28	-24.72	74	41.47	40.4	21.73	54.32	-	-	P	V
		14471	42.66	-11.34	54	34.85	40.4	21.73	54.32	-	-	A	V
		17100	46.95	-21.25	68.2	39.62	37.7	25.03	55.4	-	-	P	V
		17978	52.99	-21.01	74	41.29	42.82	25.47	56.59	-	-	P	V
		17978	42.74	-11.26	54	31.04	42.82	25.47	56.59	-	-	A	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.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 5470~5725MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5457.52	58.66	-15.34	74	42.52	32.88	12.82	29.56	100	119	P	H
		5465.92	63.6	-4.6	68.2	47.47	32.87	12.82	29.56	100	119	P	H
		5458	49.97	-4.03	54	33.83	32.88	12.82	29.56	100	119	A	H
	*	5510	111.1	-	-	95.03	32.8	12.84	29.57	100	119	P	H
	*	5510	101.46	-	-	85.39	32.8	12.84	29.57	100	119	A	H
		5749.88	54.61	-13.59	68.2	37.66	33.6	12.96	29.61	100	119	P	H
		5459.92	58.41	-15.59	74	42.27	32.88	12.82	29.56	100	95	P	V
		5464.96	60.63	-7.57	68.2	44.5	32.87	12.82	29.56	100	95	P	V
		5459.92	48.39	-5.61	54	32.25	32.88	12.82	29.56	100	95	A	V
	*	5510	107.46	-	-	91.39	32.8	12.84	29.57	100	95	P	V
	*	5510	98.68	-	-	82.61	32.8	12.84	29.57	100	95	A	V
		5739.485	54.32	-13.88	68.2	37.43	33.54	12.96	29.61	100	95	P	V
802.11ax HE40 Full CH 110 5550MHz		5403.04	55.03	-18.97	74	38.88	32.9	12.79	29.54	100	118	P	H
		5461.36	55.01	-13.19	68.2	38.87	32.88	12.82	29.56	100	118	P	H
		5453.68	46.02	-7.98	54	29.88	32.89	12.81	29.56	100	118	A	H
	*	5550	110.77	-	-	94.69	32.8	12.86	29.58	100	118	P	H
	*	5550	101.85	-	-	85.77	32.8	12.86	29.58	100	118	A	H
		5760.905	54.86	-13.34	68.2	37.89	33.62	12.97	29.62	100	118	P	H
		5392.72	55.23	-18.77	74	39.11	32.89	12.77	29.54	102	93	P	V
		5463.04	54.1	-14.1	68.2	37.97	32.87	12.82	29.56	102	93	P	V
		5456.8	45.94	-8.06	54	29.79	32.89	12.82	29.56	102	93	A	V
	*	5550	108.87	-	-	92.79	32.8	12.86	29.58	102	93	P	V
	*	5550	99.4	-	-	83.32	32.8	12.86	29.58	102	93	A	V
		5730.665	54.97	-13.23	68.2	38.15	33.48	12.95	29.61	102	93	P	V



802.11ax HE40 Full CH 134 5670MHz		5413.35	54.81	-19.19	74	38.65	32.9	12.8	29.54	100	120	P	H
		5464.45	52.66	-15.54	68.2	36.53	32.87	12.82	29.56	100	120	P	H
		5425.6	45.49	-8.51	54	29.34	32.9	12.8	29.55	100	120	A	H
	*	5670	111.27	-	-	94.65	33.3	12.92	29.6	100	120	P	H
	*	5670	101	-	-	84.38	33.3	12.92	29.6	100	120	A	H
		5727.55	56.2	-12	68.2	39.39	33.47	12.95	29.61	100	120	P	H
		5377.65	54.29	-19.71	74	38.25	32.86	12.71	29.53	100	93	P	V
		5468.65	52.83	-15.37	68.2	36.71	32.86	12.82	29.56	100	93	P	V
		5438.2	44.88	-9.12	54	28.72	32.9	12.81	29.55	100	93	A	V
	*	5670	108.56	-	-	91.94	33.3	12.92	29.6	100	93	P	V
	*	5670	98.84	-	-	82.22	33.3	12.92	29.6	100	93	A	V
		5728.425	56.52	-11.68	68.2	39.71	33.47	12.95	29.61	100	93	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		11020	47.47	-26.53	74	44.91	38.9	19.02	55.36	-	-	P	H
		14471	48.52	-25.48	74	40.71	40.4	21.73	54.32	-	-	P	H
		14471	42.66	-11.34	54	34.85	40.4	21.73	54.32	-	-	A	H
		16530	47.78	-20.42	68.2	40.18	38.44	24.04	54.88	-	-	P	H
		17978	53.37	-20.63	74	41.67	42.82	25.47	56.59	-	-	P	H
		17978	43.24	-10.76	54	31.54	42.82	25.47	56.59	-	-	A	H
													H
													H
													H
													H
													H
													H
		11020	47.04	-26.96	74	44.48	38.9	19.02	55.36	-	-	P	V
		14471	49.04	-24.96	74	41.23	40.4	21.73	54.32	-	-	P	V
		14471	43.44	-10.56	54	35.63	40.4	21.73	54.32	-	-	A	V
		16530	48.06	-20.14	68.2	40.46	38.44	24.04	54.88	-	-	P	V
		17978	53.74	-20.26	74	42.04	42.82	25.47	56.59	-	-	P	V
		17978	42.74	-11.26	54	31.04	42.82	25.47	56.59	-	-	A	V
													V
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													V
													V
													V
													V



WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 110 5550MHz		11100	46.72	-27.28	74	44.06	38.9	19.06	55.3	-	-	P	H
		14471	48.06	-25.94	74	40.25	40.4	21.73	54.32	-	-	P	H
		14471	42.4	-11.6	54	34.59	40.4	21.73	54.32	-	-	A	H
		16650	47.98	-20.22	68.2	40.51	38.15	24.28	54.96	-	-	P	H
		17967	54.32	-19.68	74	42.7	42.74	25.46	56.58	-	-	P	H
		17967	42.65	-11.35	54	31.03	42.74	25.46	56.58	-	-	A	H
													H
													H
													H
													H
													H
													H
		11100	47.08	-26.92	74	44.42	38.9	19.06	55.3	-	-	P	V
		14491	48.91	-25.09	74	41.09	40.4	21.75	54.33	-	-	P	V
		14491	42.45	-11.55	54	34.63	40.4	21.75	54.33	-	-	A	V
		16650	47.04	-21.16	68.2	39.57	38.15	24.28	54.96	-	-	P	V
		17956	53.19	-20.81	74	41.65	42.65	25.46	56.57	-	-	P	V
		17956	42.55	-11.45	54	31.01	42.65	25.46	56.57	-	-	A	V
													V
													V
													V
													V
													V
													V

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 134 5670MHz		11340	47.27	-26.73	74	44.03	39.2	19.16	55.12	-	-	P	H
		14471	49.08	-24.92	74	41.27	40.4	21.73	54.32	-	-	P	H
		14471	42.38	-11.62	54	34.57	40.4	21.73	54.32	-	-	A	H
		17010	47.76	-20.44	68.2	40.27	37.7	24.99	55.2	-	-	P	H
		17978	53.24	-20.76	74	41.54	42.82	25.47	56.59	-	-	P	H
		17978	42.74	-11.26	54	31.04	42.82	25.47	56.59	-	-	A	H
													H
													H
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Band 3 5470~5725MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5459.2	56.3	-17.7	74	40.16	32.88	12.82	29.56	100	119	P	H
		5469.28	56.61	-11.59	68.2	40.49	32.86	12.82	29.56	100	119	P	H
		5458.24	50.15	-3.85	54	34.01	32.88	12.82	29.56	100	119	A	H
	*	5530	102.51	-	-	86.44	32.8	12.85	29.58	100	119	P	H
	*	5530	93.73	-	-	77.66	32.8	12.85	29.58	100	119	A	H
		5732.24	55.63	-12.57	68.2	38.8	33.49	12.95	29.61	100	119	P	H
		5398.48	55.78	-18.22	74	39.64	32.9	12.78	29.54	100	97	P	V
		5468.8	54.25	-13.95	68.2	38.13	32.86	12.82	29.56	100	97	P	V
		5458.24	48.52	-5.48	54	32.38	32.88	12.82	29.56	100	97	A	V
	*	5530	100.28	-	-	84.21	32.8	12.85	29.58	100	97	P	V
	*	5530	91.31	-	-	75.24	32.8	12.85	29.58	100	97	A	V
		5761.22	54.74	-13.46	68.2	37.77	33.62	12.97	29.62	100	97	P	V
802.11ax HE80 Full CH 122 5610MHz		5350.48	54.57	-19.43	74	38.67	32.8	12.62	29.52	100	120	P	H
		5463.04	55.96	-12.24	68.2	39.83	32.87	12.82	29.56	100	120	P	H
		5453.68	48.51	-5.49	54	32.37	32.89	12.81	29.56	100	120	A	H
	*	5610	107.07	-	-	90.55	33.22	12.89	29.59	100	120	P	H
	*	5610	98.49	-	-	81.97	33.22	12.89	29.59	100	120	A	H
		5734.13	55.91	-12.29	68.2	39.07	33.5	12.95	29.61	100	120	P	H
		5453.92	55.39	-18.61	74	39.25	32.89	12.81	29.56	100	100	P	V
		5469.04	54.6	-13.6	68.2	38.48	32.86	12.82	29.56	100	100	P	V
		5444.08	47.2	-6.8	54	31.04	32.9	12.81	29.55	100	100	A	V
	*	5610	105.03	-	-	88.51	33.22	12.89	29.59	100	100	P	V
	*	5610	95.47	-	-	78.95	33.22	12.89	29.59	100	100	A	V
		5745.785	55.12	-13.08	68.2	38.2	33.57	12.96	29.61	100	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		11060	47.4	-26.6	74	44.79	38.9	19.04	55.33	-	-	P	H
		14471	48.35	-25.65	74	40.54	40.4	21.73	54.32	-	-	P	H
		14471	42.35	-11.65	54	34.54	40.4	21.73	54.32	-	-	A	H
		16592	47.87	-20.33	68.2	40.31	38.32	24.16	54.92	-	-	P	H
		17956	52.82	-21.18	74	41.28	42.65	25.46	56.57	-	-	P	H
		17956	42.59	-11.41	54	31.05	42.65	25.46	56.57	-	-	A	H
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		11060	47.74	-26.26	74	45.13	38.9	19.04	55.33	-	-	P	V
		14471	48.62	-25.38	74	40.81	40.4	21.73	54.32	-	-	P	V
		14471	42.39	-11.61	54	34.58	40.4	21.73	54.32	-	-	A	V
		16590	47.92	-20.28	68.2	40.36	38.32	24.16	54.92	-	-	P	V
		17978	53.86	-20.14	74	42.16	42.82	25.47	56.59	-	-	P	V
		17978	42.74	-11.26	54	31.04	42.82	25.47	56.59	-	-	A	V
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WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 122 5610MHz		11220	47.4	-26.6	74	44.46	39.04	19.11	55.21	-	-	P	H
		14471	48.08	-25.92	74	40.27	40.4	21.73	54.32	-	-	P	H
		14471	42.23	-11.77	54	34.42	40.4	21.73	54.32	-	-	A	H
		16830	46.48	-21.72	68.2	39.2	37.7	24.65	55.07	-	-	P	H
		17967	54.08	-19.92	74	42.46	42.74	25.46	56.58	-	-	P	H
		17967	42.66	-11.34	54	31.04	42.74	25.46	56.58	-	-	A	H
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Band 3 5470~5725MHz

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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamplifier Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 114 5570MHz		5438.08	56.32	-17.68	74	40.16	32.9	12.81	29.55	100	118	P	H
		5463.52	55.51	-12.69	68.2	39.38	32.87	12.82	29.56	100	118	P	H
		5447.68	50.45	-3.55	54	34.29	32.9	12.81	29.55	100	118	A	H
	*	5570	97.87	-	-	81.62	32.96	12.87	29.58	100	118	P	H
	*	5570	90.15	-	-	73.9	32.96	12.87	29.58	100	118	A	H
		5764.37	55.46	-12.74	68.2	38.48	33.63	12.97	29.62	100	118	P	H
		5452	55.17	-18.83	74	39.01	32.9	12.81	29.55	100	94	P	V
		5463.52	55.16	-13.04	68.2	39.03	32.87	12.82	29.56	100	94	P	V
		5447.2	49.68	-4.32	54	33.52	32.9	12.81	29.55	100	94	A	V
	*	5570	96.45	-	-	80.2	32.96	12.87	29.58	100	94	P	V
	*	5570	87.4	-	-	71.15	32.96	12.87	29.58	100	94	A	V
		5763.74	55.08	-13.12	68.2	38.1	33.63	12.97	29.62	100	94	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 114 5570MHz		11140	46.79	-27.21	74	44.05	38.94	19.07	55.27	-	-	P	H
		14471	48.06	-25.94	74	40.25	40.4	21.73	54.32	-	-	P	H
		14471	42.4	-11.6	54	34.59	40.4	21.73	54.32	-	-	A	H
		16710	47.3	-20.9	68.2	39.92	37.97	24.4	54.99	-	-	P	H
		17978	53.49	-20.51	74	41.79	42.82	25.47	56.59	-	-	P	H
		17978	42.72	-11.28	54	31.02	42.82	25.47	56.59	-	-	A	H
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Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
17+18		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5388.22	54.79	-19.21	74	38.69	32.88	12.75	29.53	100	119	P	H
		5468.17	54.38	-13.82	68.2	38.26	32.86	12.82	29.56	100	119	P	H
		5418.64	44.34	-9.66	54	28.18	32.9	12.8	29.54	100	119	A	H
	*	5720	112.28	-	-	95.52	33.42	12.95	29.61	100	119	P	H
	*	5720	105.82	-	-	89.06	33.42	12.95	29.61	100	119	A	H
		5913.75	56.05	-12.15	68.2	39.04	34.03	12.62	29.64	100	119	P	H
		5430.34	55.03	-18.97	74	38.88	32.9	12.8	29.55	107	99	P	V
		5462.71	54.65	-13.55	68.2	38.52	32.87	12.82	29.56	107	99	P	V
		5433.85	44.3	-9.7	54	28.14	32.9	12.81	29.55	107	99	A	V
	*	5720	110.96	-	-	94.2	33.42	12.95	29.61	107	99	P	V
	*	5720	102.79	-	-	86.03	33.42	12.95	29.61	107	99	A	V
		5935.5	56	-12.2	68.2	39.03	34.07	12.55	29.65	107	99	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	47.65	-26.35	74	44.44	39.04	19.21	55.04	-	-	P	H
		14471	48.31	-25.69	74	40.5	40.4	21.73	54.32	-	-	P	H
		14471	42.27	-11.73	54	34.46	40.4	21.73	54.32	-	-	A	H
		17160	47.19	-21.01	68.2	39.96	37.7	25.06	55.53	-	-	P	H
		17967	53.14	-20.86	74	41.52	42.74	25.46	56.58	-	-	P	H
		17967	42.65	-11.35	54	31.03	42.74	25.46	56.58	-	-	A	H
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		11440	47.61	-26.39	74	44.4	39.04	19.21	55.04	-	-	P	V
		14480	49.22	-24.78	74	41.4	40.4	21.74	54.32	-	-	P	V
		14480	42.32	-11.68	54	34.5	40.4	21.74	54.32	-	-	A	V
		17160	47.7	-20.5	68.2	40.47	37.7	25.06	55.53	-	-	P	V
		17978	53.43	-20.57	74	41.73	42.82	25.47	56.59	-	-	P	V
		17978	42.74	-11.26	54	31.04	42.82	25.47	56.59	-	-	A	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preampl Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5418.25	54.46	-19.54	74	38.3	32.9	12.8	29.54	100	118	P	H
		5467	53.52	-14.68	68.2	37.39	32.87	12.82	29.56	100	118	P	H
		5436.58	45.31	-8.69	54	29.15	32.9	12.81	29.55	100	118	A	H
	*	5710	111.34	-	-	94.65	33.36	12.94	29.61	100	118	P	H
	*	5710	101.3	-	-	84.61	33.36	12.94	29.61	100	118	A	H
		5944.5	57.04	-11.16	68.2	40.08	34.09	12.52	29.65	100	118	P	H
		5364.04	54.51	-19.49	74	38.54	32.83	12.67	29.53	102	92	P	V
		5463.1	53.45	-14.75	68.2	37.32	32.87	12.82	29.56	102	92	P	V
		5409.28	45.21	-8.79	54	29.06	32.9	12.79	29.54	102	92	A	V
	*	5710	109.2	-	-	92.51	33.36	12.94	29.61	102	92	P	V
	*	5710	98.95	-	-	82.26	33.36	12.94	29.61	102	92	A	V
		5938.75	55.83	-12.37	68.2	38.86	34.08	12.54	29.65	102	92	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 17+18	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preampl Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 138 5690MHz		5389.78	54.84	-19.16	74	38.73	32.88	12.76	29.53	100	119	P	H
		5469.73	53.45	-14.75	68.2	37.33	32.86	12.82	29.56	100	119	P	H
		5412.79	46.79	-7.21	54	30.63	32.9	12.8	29.54	100	119	A	H
	*	5690	106.26	-	-	89.63	33.3	12.93	29.6	100	119	P	H
	*	5690	98.31	-	-	81.68	33.3	12.93	29.6	100	119	A	H
		5853.75	56.46	-11.74	68.2	39.27	34	12.82	29.63	100	119	P	H
		5384.71	55.06	-18.94	74	38.98	32.87	12.74	29.53	108	89	P	V
		5464.27	53.58	-14.62	68.2	37.45	32.87	12.82	29.56	108	89	P	V
		5453.74	46.84	-7.16	54	30.7	32.89	12.81	29.56	108	89	A	V
	*	5690	104.84	-	-	88.21	33.3	12.93	29.6	108	89	P	V
	*	5690	95.69	-	-	79.06	33.3	12.93	29.6	108	89	A	V
		5871	56.15	-12.05	68.2	39.03	34	12.76	29.64	108	89	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

WIFI 802.11ax HE40 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
Ant.		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
17+18													
802.11ax HE40 Full SHF		23904	38.72	-35.28	74	56.57	38.8	-2.89	53.76	-	-	P	H
		31264	41.82	-32.18	74	59.1	40.88	-2.04	56.12	-	-	P	H
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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.												



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
17+18		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		74.62	15.81	-24.19	40	33.74	12.84	1.54	32.31	-	-	P	H
		139.61	22.27	-21.23	43.5	34.73	17.56	2.25	32.27	-	-	P	H
		186.17	24.18	-19.32	43.5	39.12	14.86	2.43	32.23	-	-	P	H
		387.93	21.7	-24.3	46	29.05	21.58	3.42	32.35	-	-	P	H
		679.9	30.4	-15.6	46	31.92	26.4	4.51	32.43	-	-	P	H
		788.54	31.77	-14.23	46	31.15	28.03	4.86	32.27	-	-	P	H
													H
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													H
		65.89	20.35	-19.65	40	39.15	12.04	1.44	32.28	-	-	P	V
		135.73	18.32	-25.18	43.5	30.81	17.6	2.18	32.27	-	-	P	V
		179.38	26.71	-16.79	43.5	41.48	15.08	2.37	32.22	-	-	P	V
		261.83	19.83	-26.17	46	29.15	20	2.93	32.25	-	-	P	V
		448.07	24.73	-21.27	46	30.28	23.2	3.68	32.43	-	-	P	V
		792.42	31.58	-14.42	46	30.96	28	4.88	32.26	-	-	P	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.												



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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
17+18		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



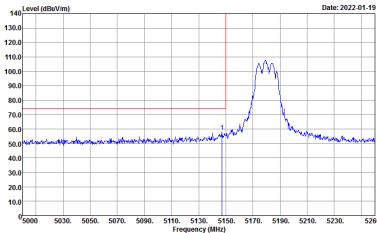
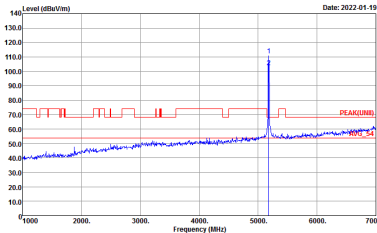
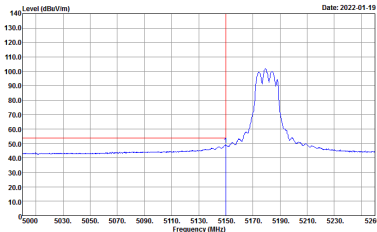
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Andy Yang, Karl Hou, and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

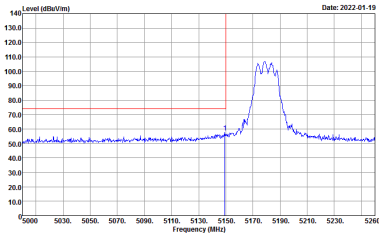
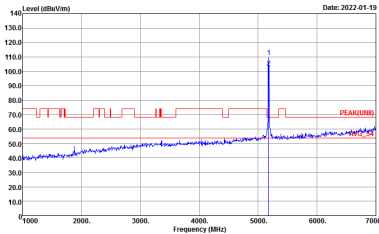
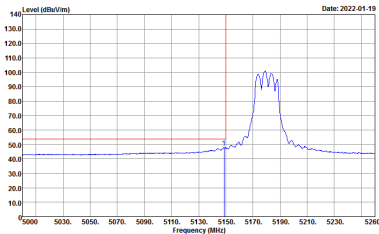
Note symbol

-L	Low channel location
-R	High channel location

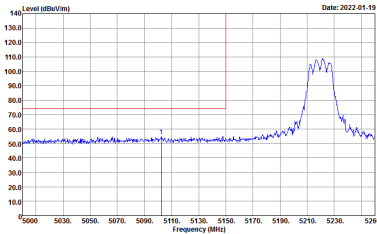
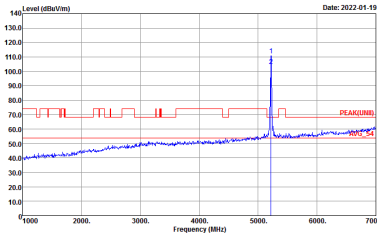
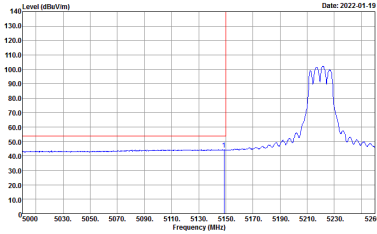
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

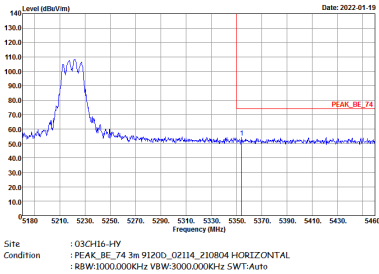
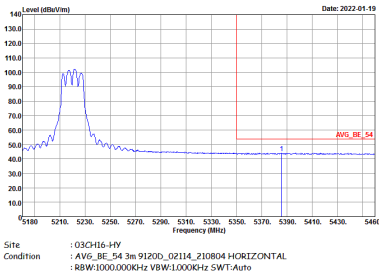


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

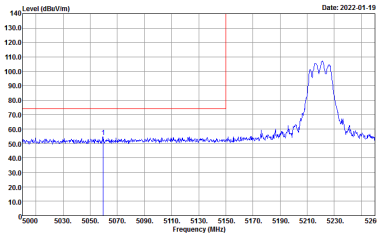
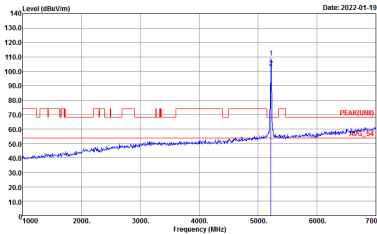
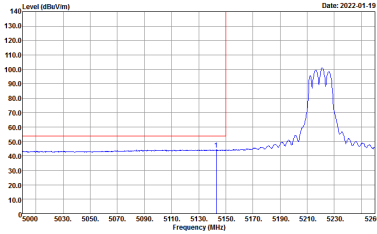


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

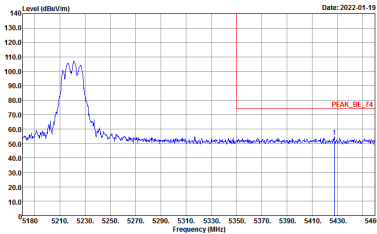
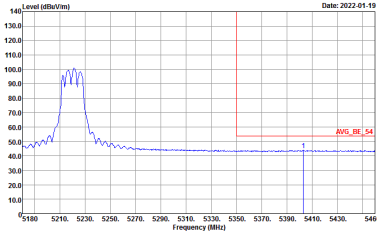


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
17+18	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

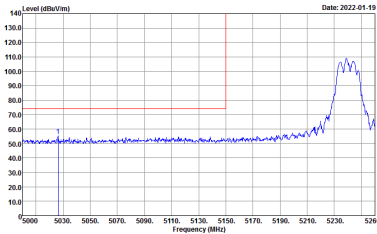
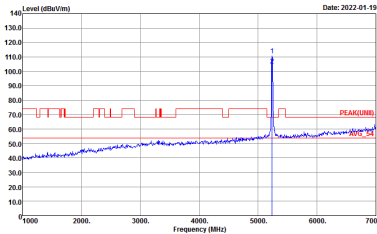
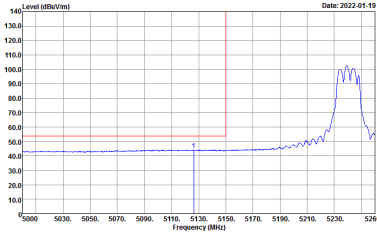


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

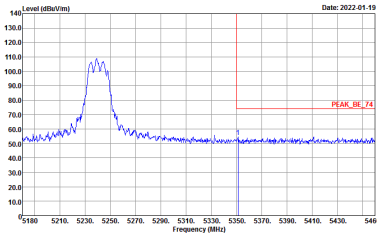
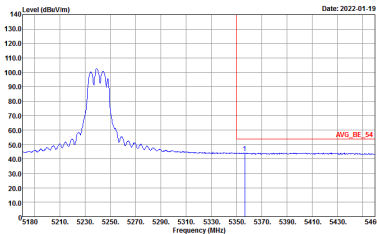


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

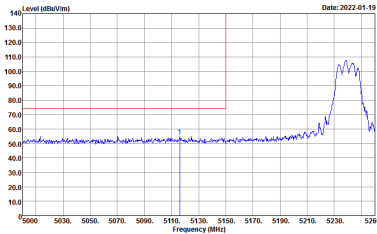
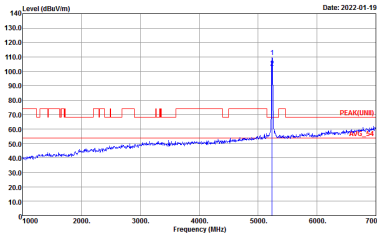
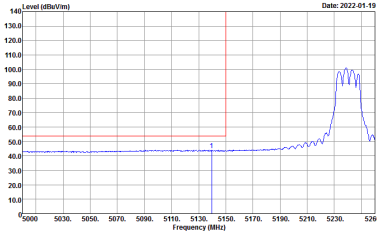


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

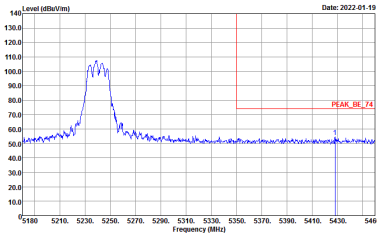
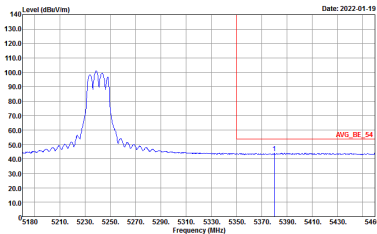


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

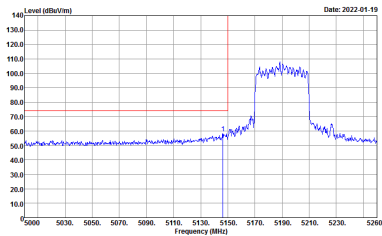
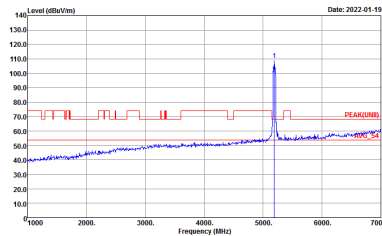
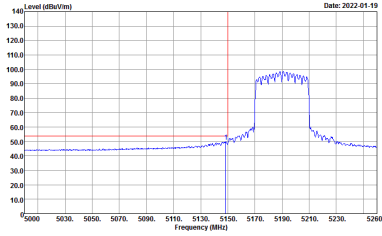


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

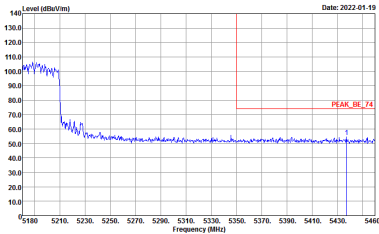
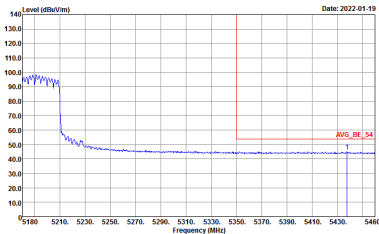


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

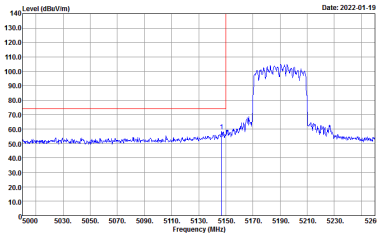
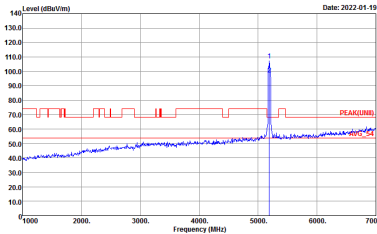
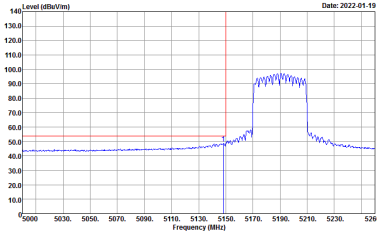
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

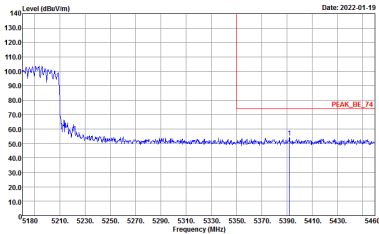
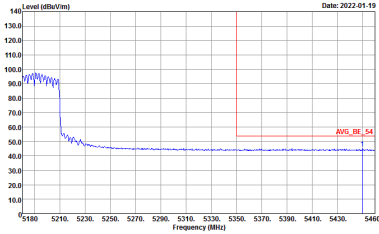


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

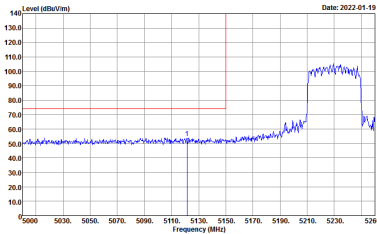
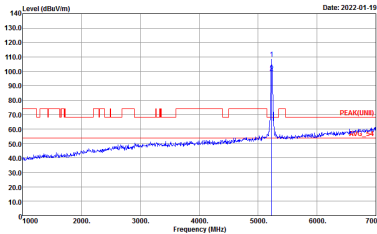
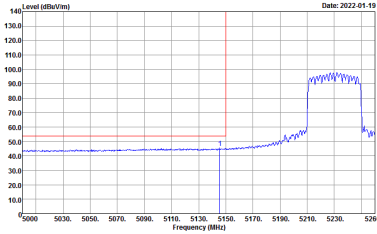


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

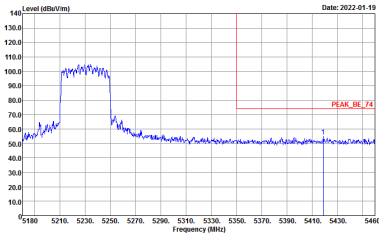
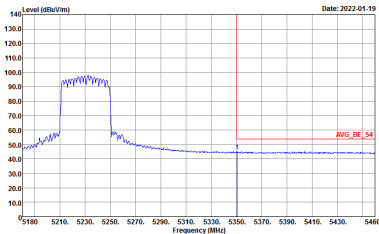


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

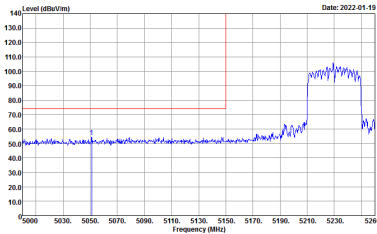
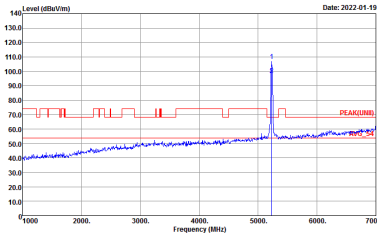
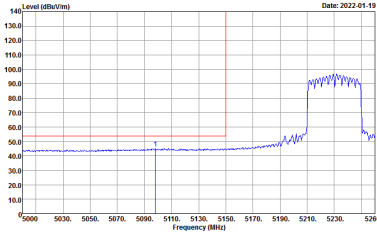


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

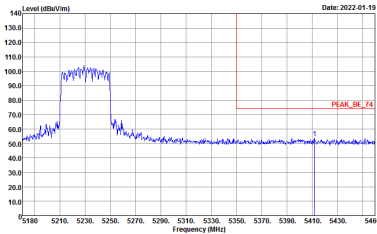
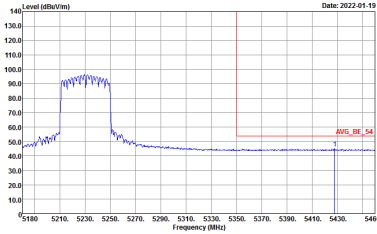


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



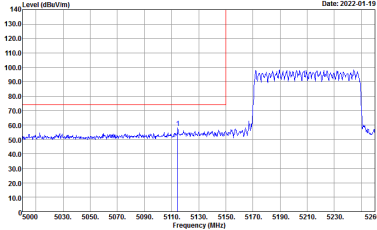
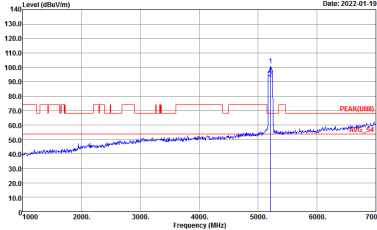
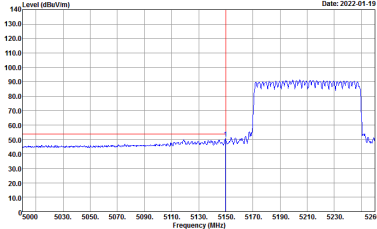
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



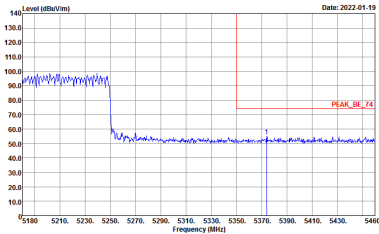
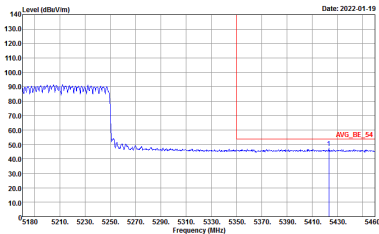
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

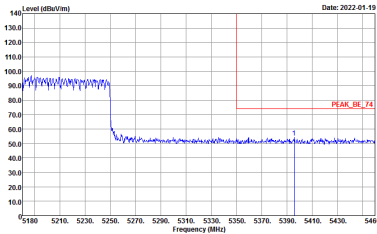
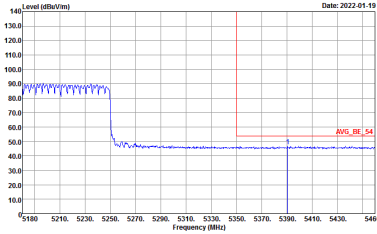


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
17+18	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

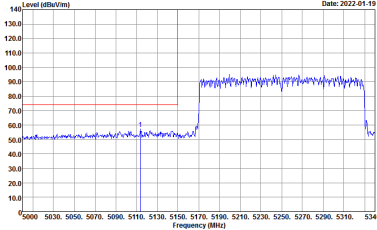
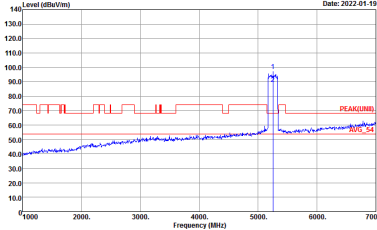
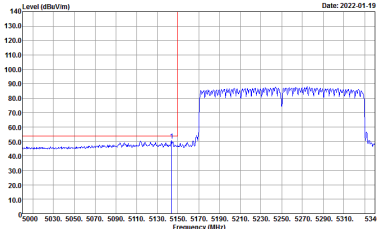


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

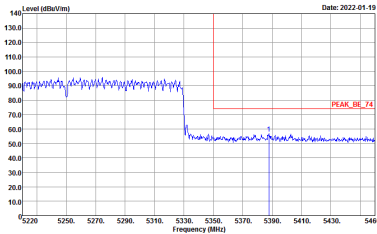
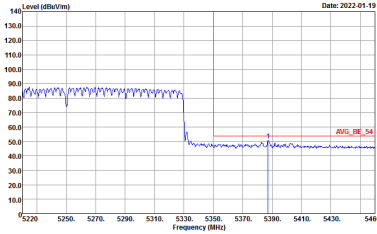


Band 1 5150~5250MHz

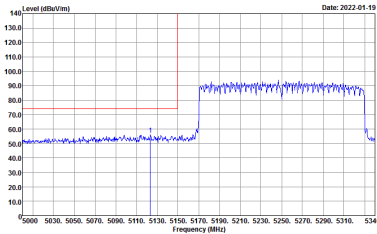
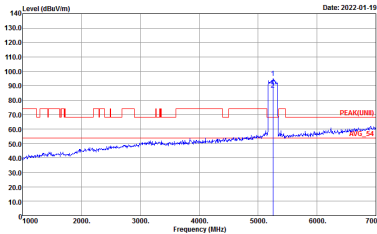
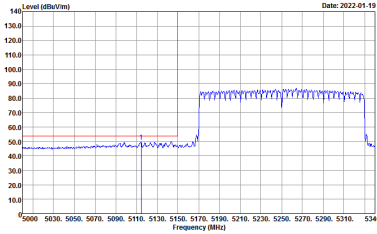
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

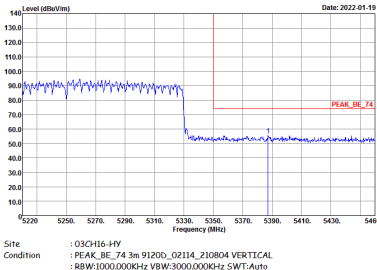
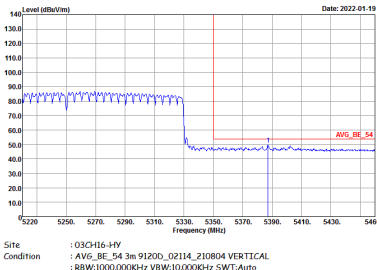


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

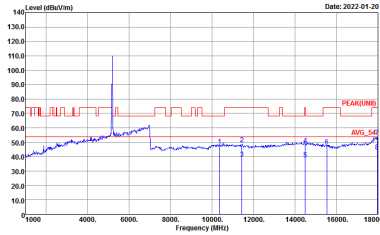
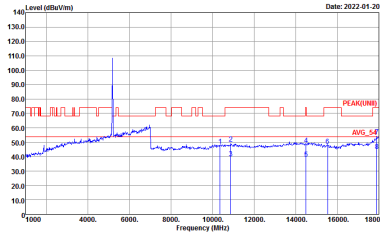


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
17+18	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120D_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120D_02114_210804 VERTICAL



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
17+18	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-01-20 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	Level (dBuV/m) Date: 2022-01-20 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL

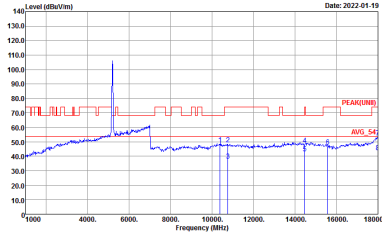
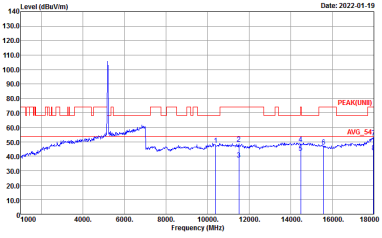


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
17+18	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-01-19 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	Level (dBuV/m) Date: 2022-01-19 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL



Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

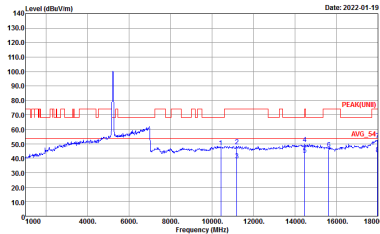
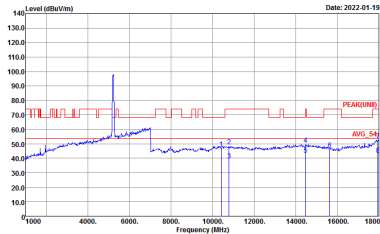
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
17+18	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-01-20 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	Level (dBuV/m) Date: 2022-01-25 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL

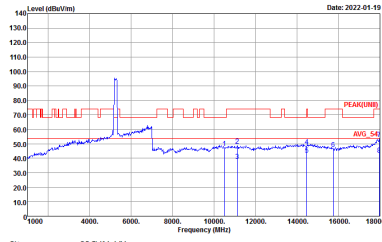
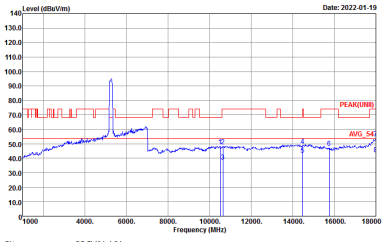


Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

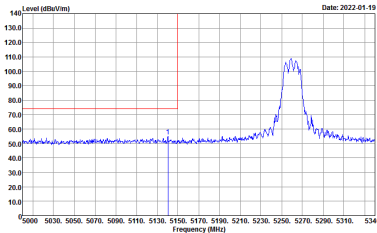
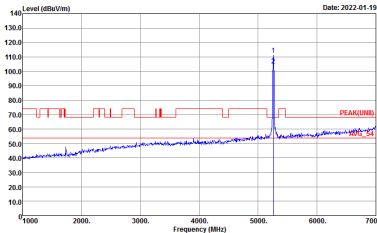
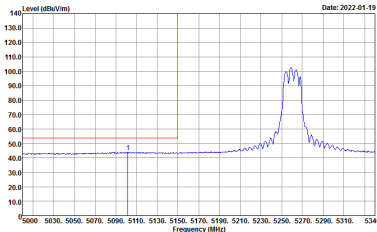
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL



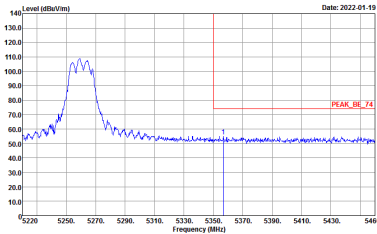
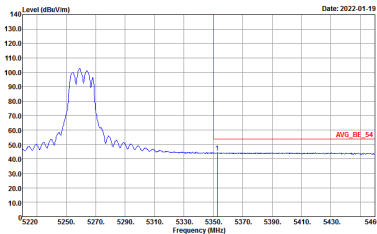
Band 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL

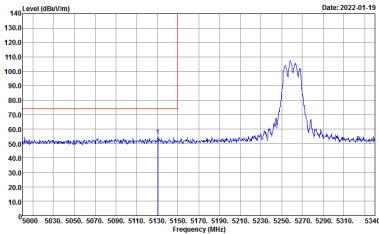
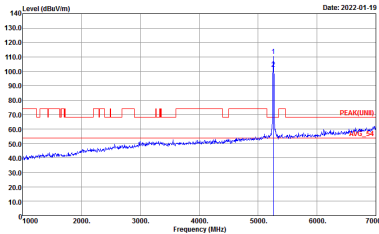
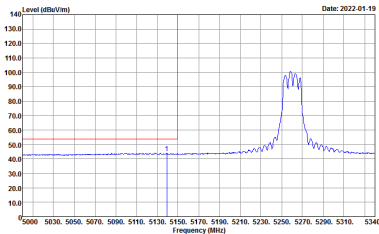
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

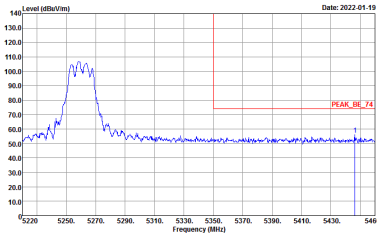
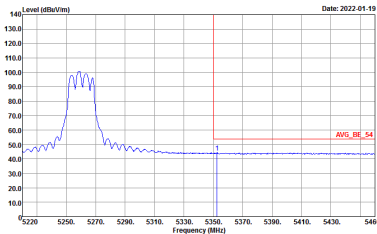


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

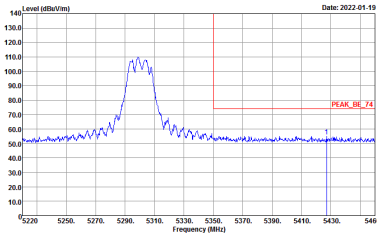
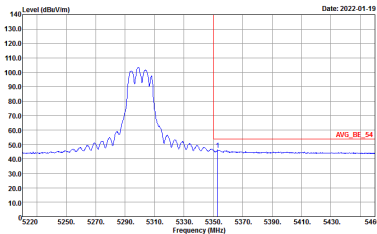


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

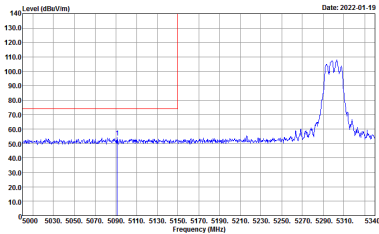
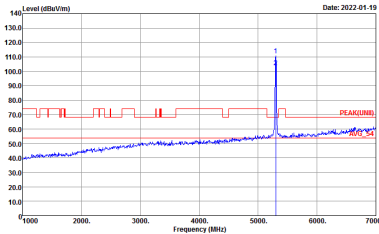
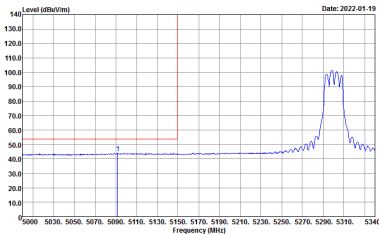


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
17+18	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

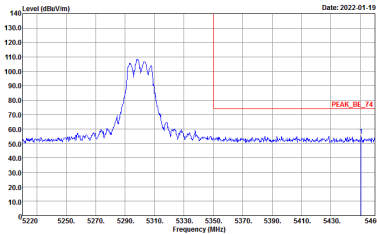
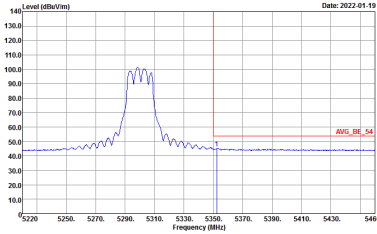


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

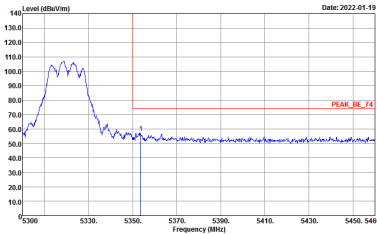
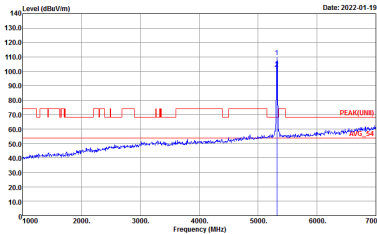
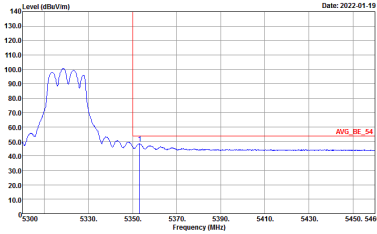


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
17+18	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



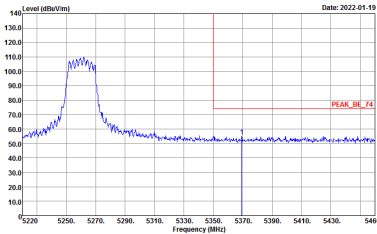
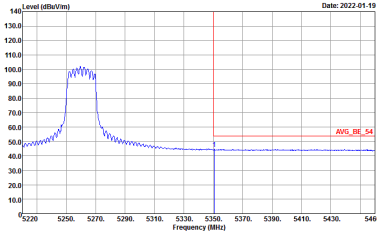
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINB) 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

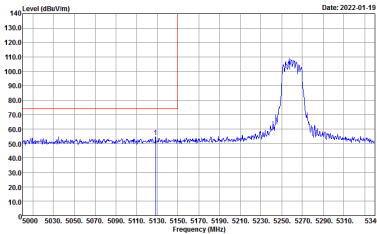
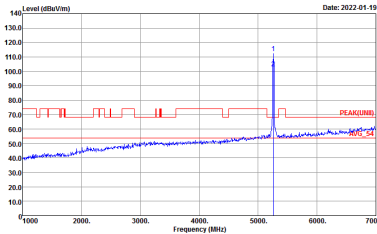
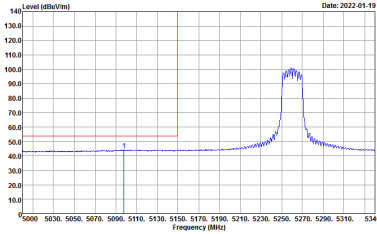


Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

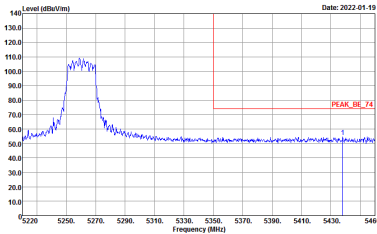
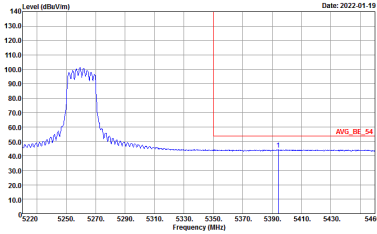
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
17+18	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank



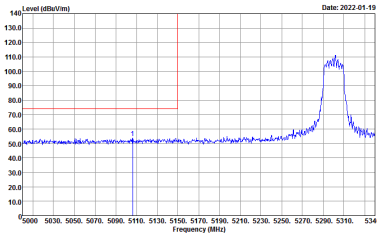
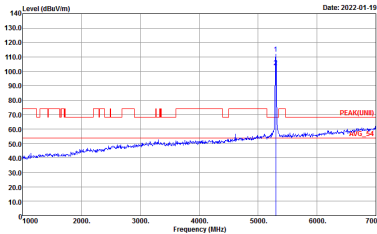
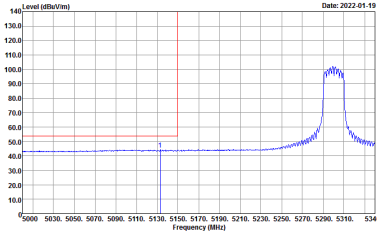
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

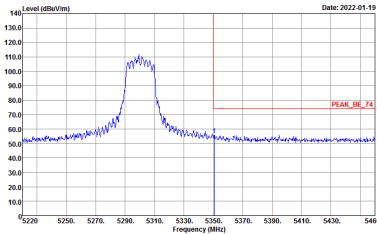
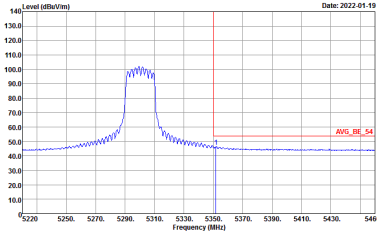


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

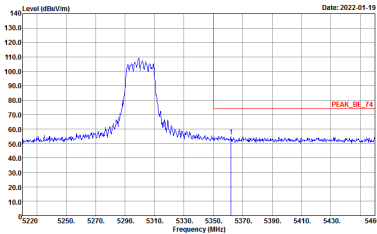
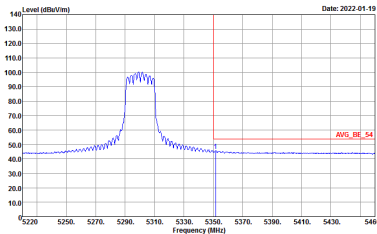


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

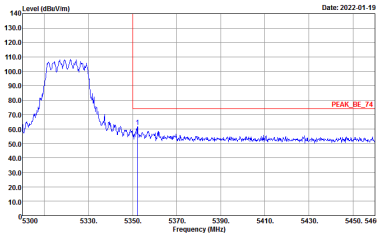
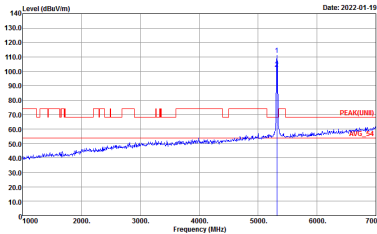
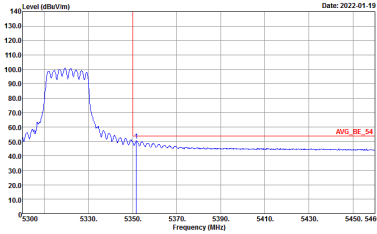


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
17+18	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

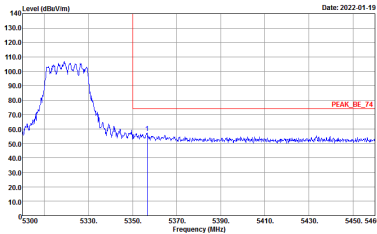
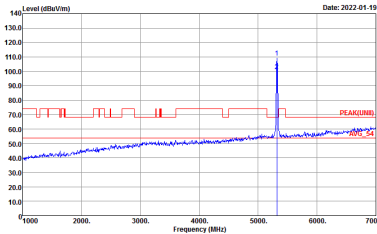
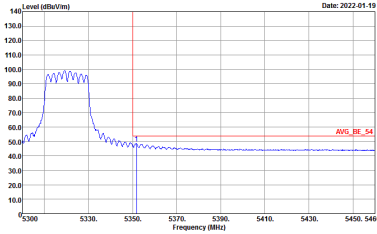


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

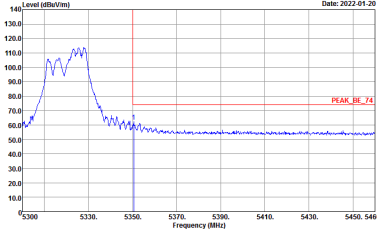
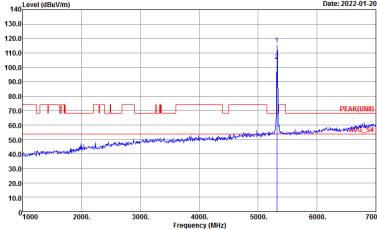
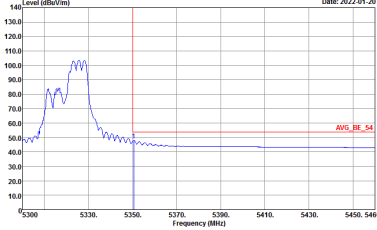


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

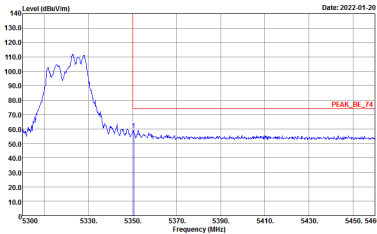
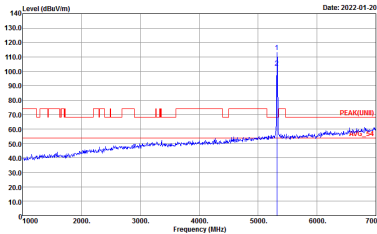
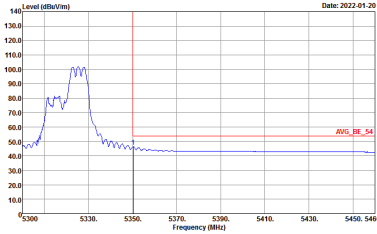


Band 2 - 5250~5350MHz

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



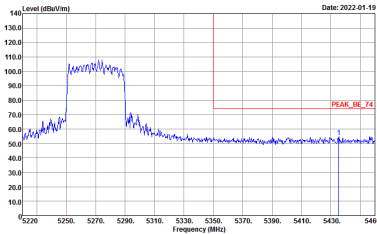
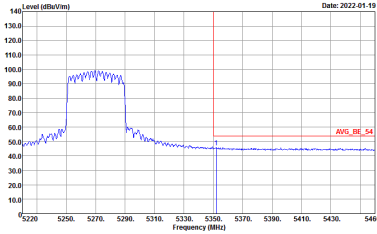
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
17+18	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

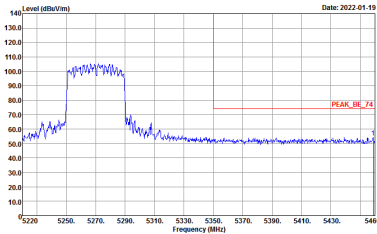
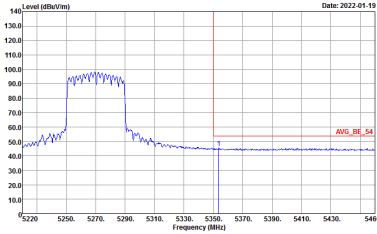


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

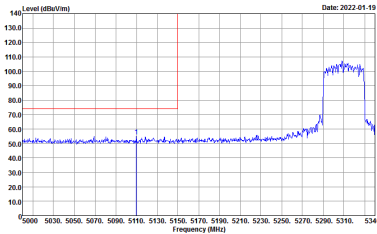
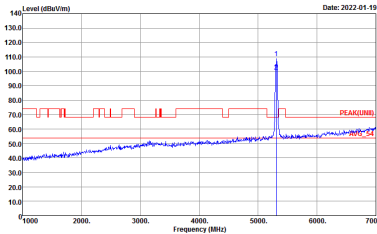
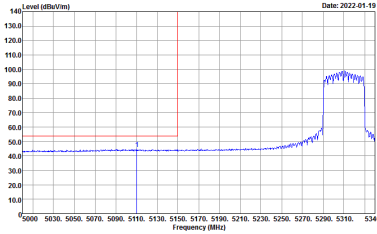


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
17+18	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

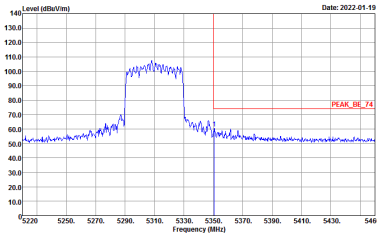
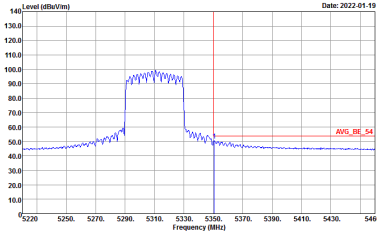


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

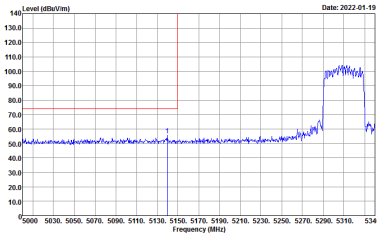
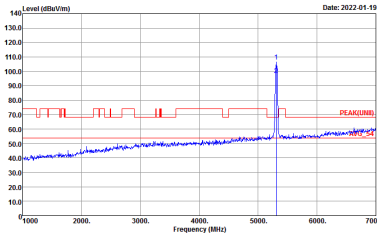
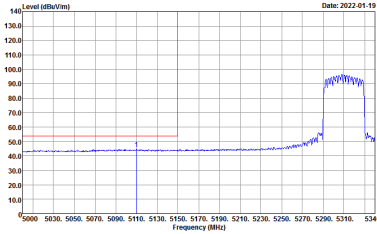


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE1) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

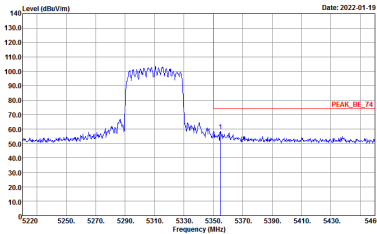
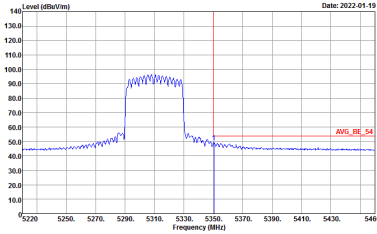


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



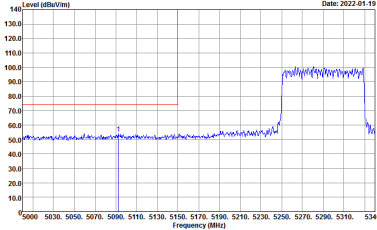
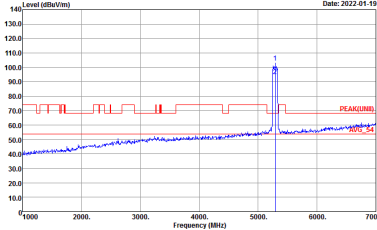
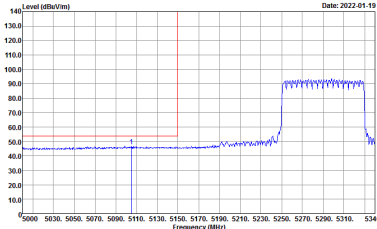
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(LINE) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



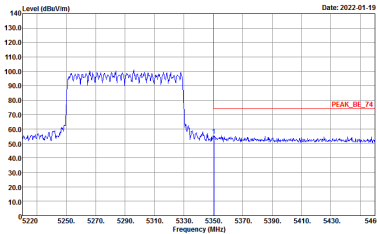
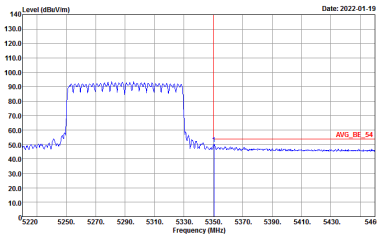
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank



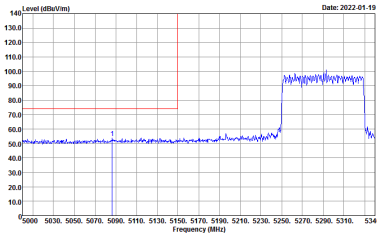
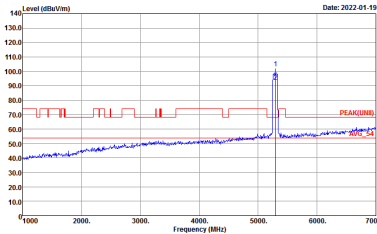
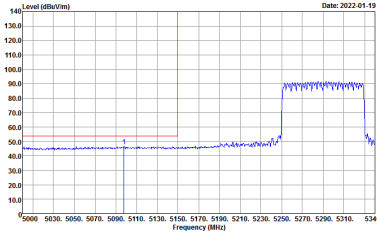
Band 2 5250~5350MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

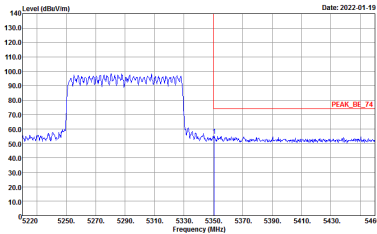
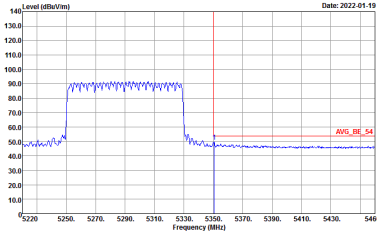


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : : PEAK(FUND) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



Band 2 - 5250~5350MHz

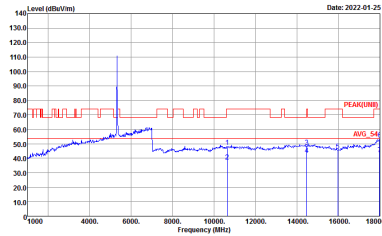
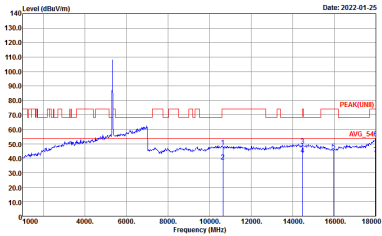
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
17+18	Horizontal	Vertical
Peak Avg.	Level (dBu/1m) Date: 2022-01-19 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120D_02114_210804 HORIZONTAL	Level (dBu/1m) Date: 2022-01-19 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120D_02114_210804 VERTICAL



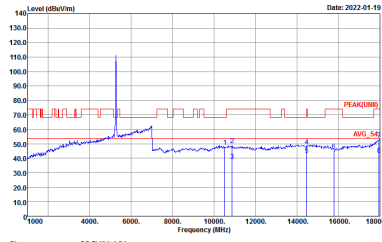
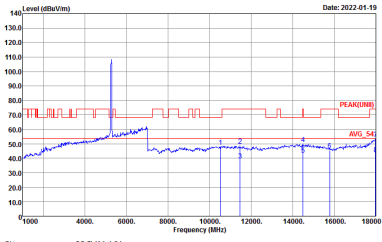
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
17+18	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-01-19 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	Level (dBuV/m) Date: 2022-01-19 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL



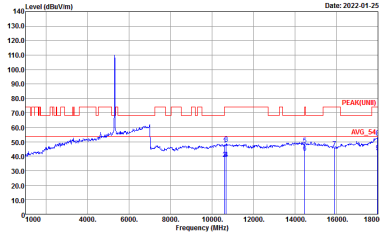
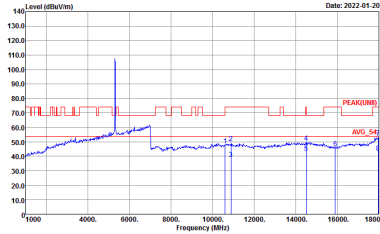
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL



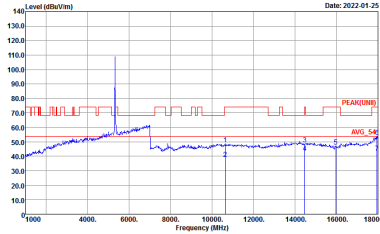
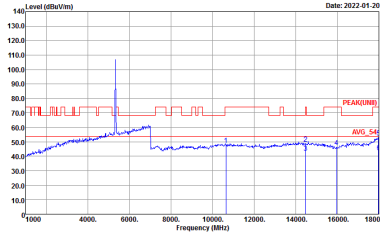
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL



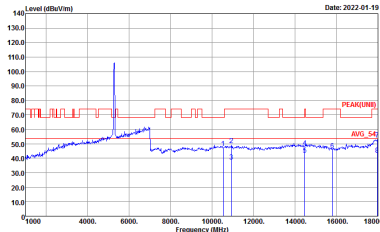
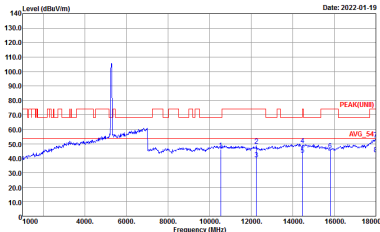
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL



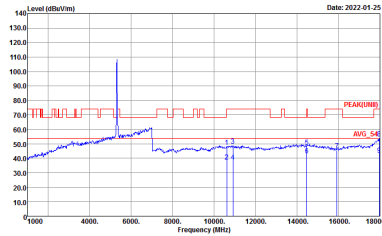
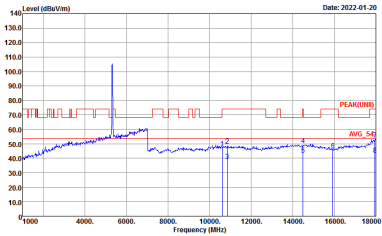
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL



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

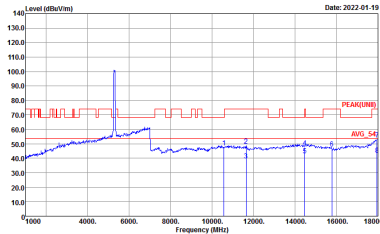
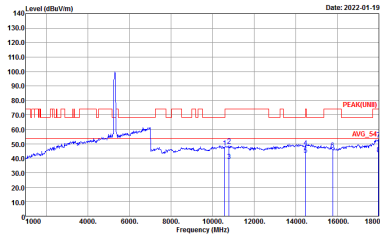
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-19Y Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-19Y Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH62 5310	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 HORIZONTAL	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 9120b_02114_210804 VERTICAL



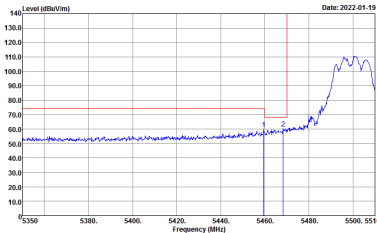
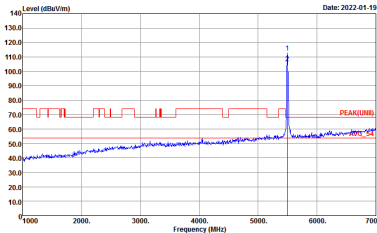
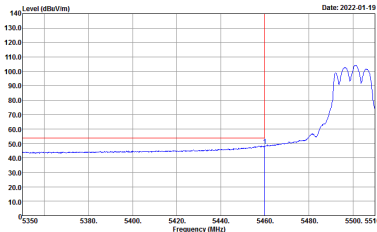
Band 2 5250~5350MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
17+18	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL	 Site : 03CH16-14Y Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL



Band 3 - 5470~5725MHz

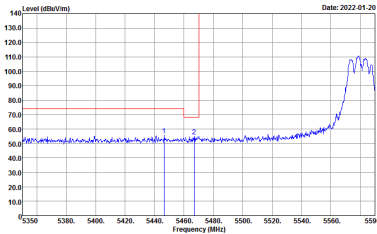
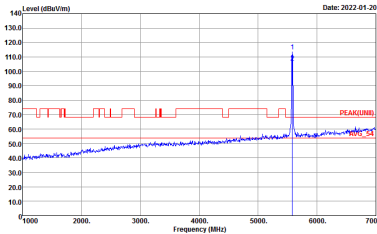
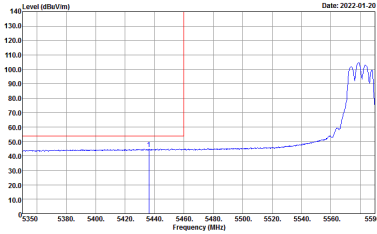
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

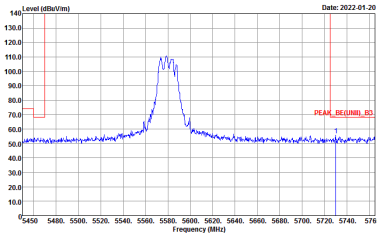


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
17+18	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

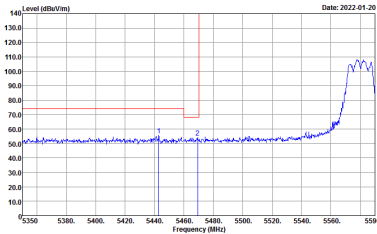
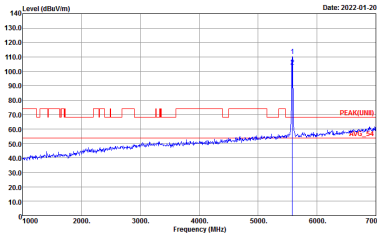
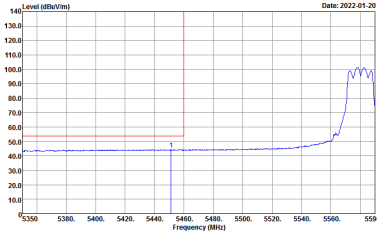


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

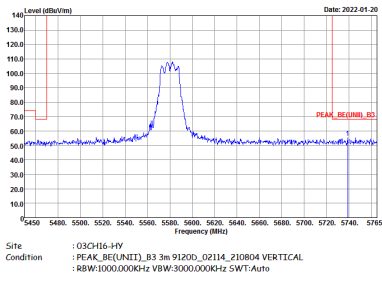


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-01-20	Left blank

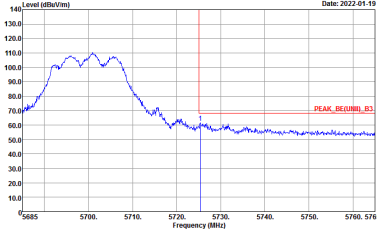
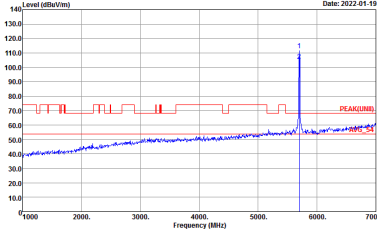


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

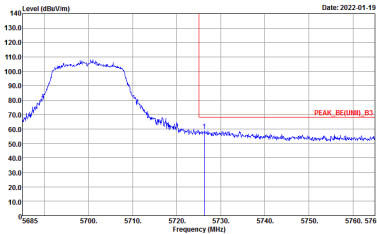
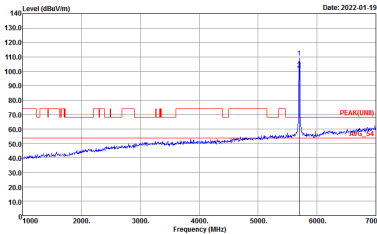


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH16 5580MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-01-20	Left blank



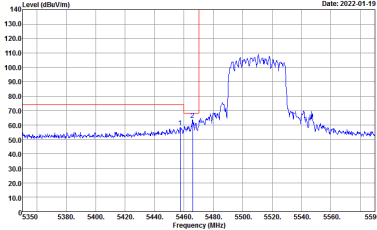
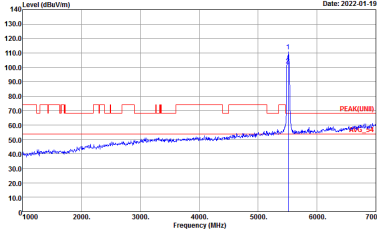
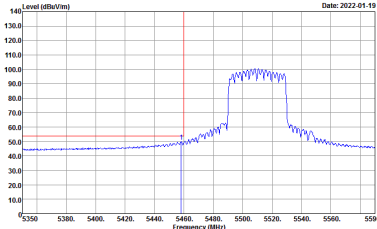
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
17+18	Horizontal	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_REC(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 09CH16-HY Condition : PEAK_REC(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



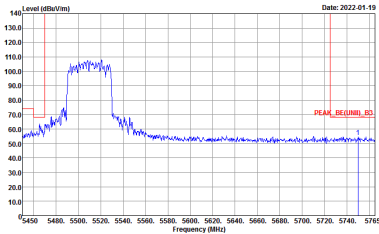
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
17+18	Vertical	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_SE[UNIT], B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 09CH16-HY Condition : PEAK[UNIT] 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



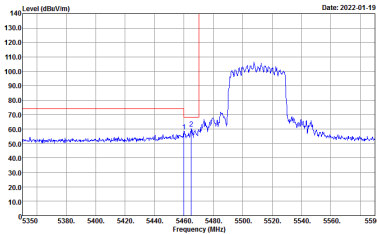
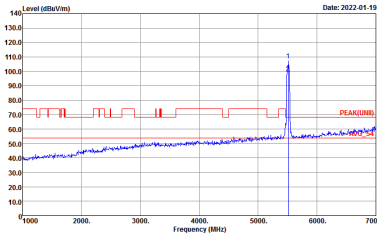
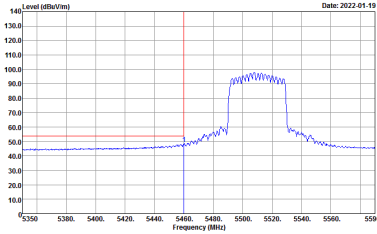
Band 3 5470~5725MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

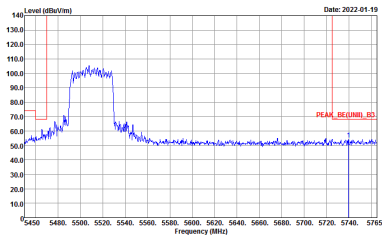


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_R3 3m 91200_02114_210804 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Date: 2022-01-19	Left blank

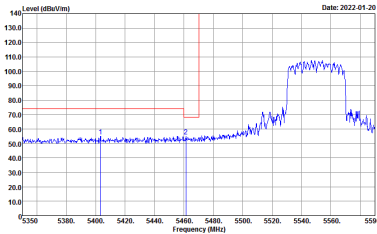
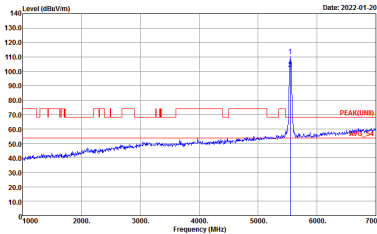
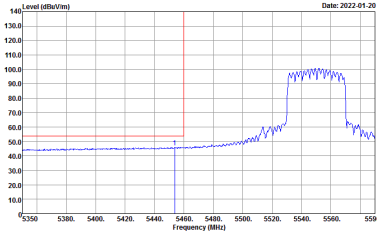


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

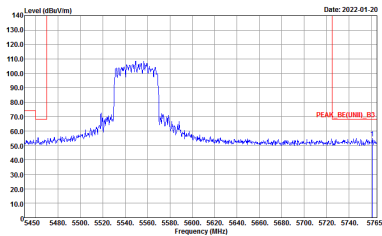


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-01-19	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

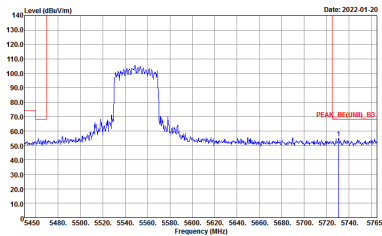


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-01-20	Left blank

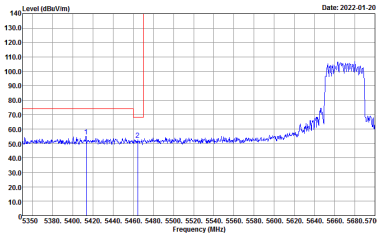
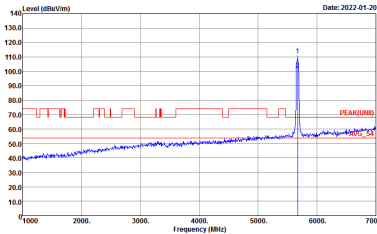
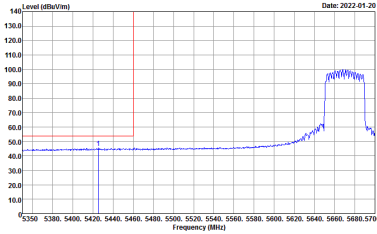


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
17+18	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

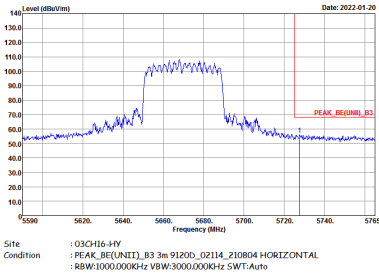


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2022-01-20	Left blank

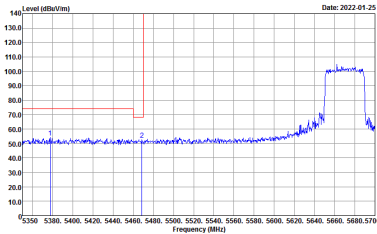
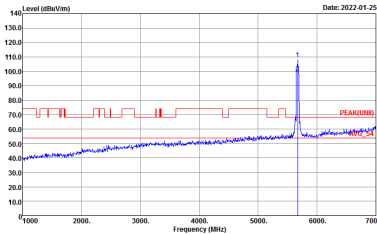
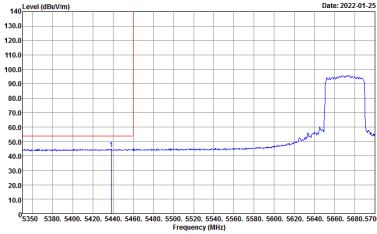


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

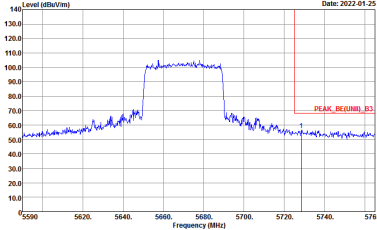


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
17+18	Horizontal	Fundamental
Peak		Left blank

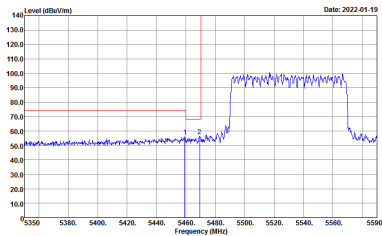
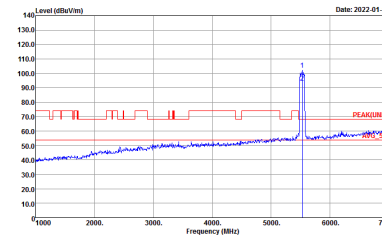
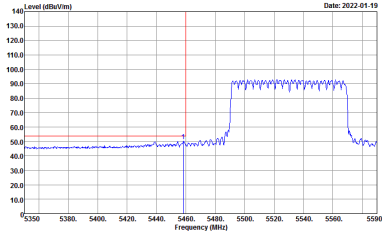


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

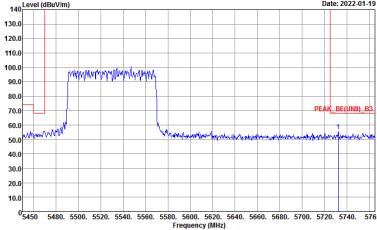


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_B3(UNIT)_B3 3m 91200_02114_210804 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank

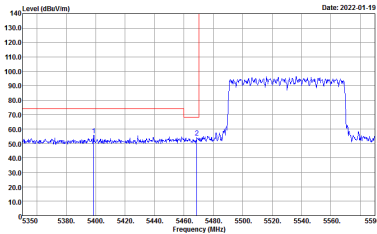
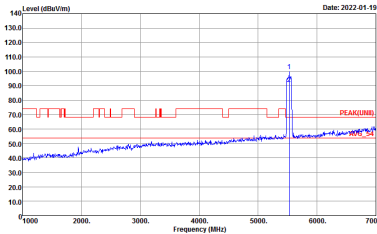
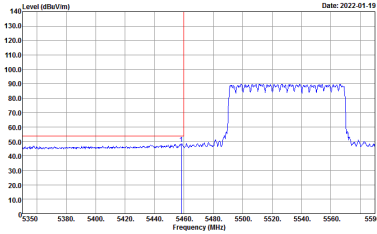
Band 3 5470~5725MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
17+18	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL : RBW:1000.000KHz VBW:30.000KHz SWT:Auto	Left blank

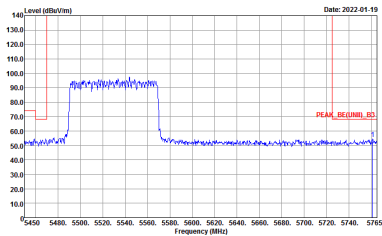


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
17+18	Horizontal	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
17+18	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_02114_210804 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
17+18	Vertical	Fundamental
Peak	 Site : 09CH16-HY Condition : PEAK_BE(UNIT)_R3 3m 91200_02114_210804 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank