



FCC RADIO TEST REPORT

FCC ID : A4RG8V0U
Equipment : Phone
Model Name : G8V0U, GF5KQ
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jun. 10, 2021 and testing was started from Jun. 17, 2021 and completed on Aug. 24, 2021. 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 of 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 (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Product Specification of Equipment Under Test.....	6
1.3 Modification of EUT	8
1.4 Testing Location	8
1.5 Applicable Standards.....	8
2 Test Configuration of Equipment Under Test	9
2.1 Carrier Frequency and Channel	9
2.2 Test Mode.....	11
2.3 Connection Diagram of Test System.....	13
2.4 Support Unit used in test configuration and system	14
2.5 EUT Operation Test Setup	14
2.6 Measurement Results Explanation Example.....	14
3 Test Result	15
3.1 26dB & 99% Occupied Bandwidth Measurement	15
3.2 Maximum Conducted Output Power Measurement	18
3.3 Power Spectral Density Measurement	20
3.4 Unwanted Emissions Measurement.....	23
3.5 AC Conducted Emission Measurement.....	28
3.6 Antenna Requirements.....	30
4 List of Measuring Equipment.....	32
5 Uncertainty of Evaluation	34
Appendix A. Conducted Test Results	
Appendix B. AC Conducted Emission Test Result	
Appendix C. Radiated Spurious Emission	
Appendix D. Radiated Spurious Emission Plots	
Appendix E. Duty Cycle Plots	



History of this test report

Report No.	Version	Description	Issued Date
FR121931-04E	01	Initial issue of report	Aug. 13, 2021
FR121931-04E	02	1. Retest for 26dB and 99% bandwidth 2. Revise remark for antenna gain calculation	Aug. 25, 2021



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	Under limit 1.53 dB at 5356.560 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 6.05 dB at 0.191 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: William Chen

Report Producer: Celery Wei



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G8V0U, GF5KQ
FCC ID	A4RG8V0U
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/ WPC/WPT/UWB WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

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

EUT Information List	
S/N	Performed Test Item
15281FDEE0002D	RF Conducted Measurement
16061FDEE0000Q	Radiated Spurious Emission
16061FDEE00001	Conducted Emission



1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power	<p><5180 MHz ~ 5240 MHz> MIMO <Ant. 7+3> 802.11a: 20.94 dBm / 0.1242 W 802.11n HT20: 21.15 dBm / 0.1303 W 802.11n HT40: 22.74 dBm / 0.1879 W 802.11ac VHT20: 21.25 dBm / 0.1334 W 802.11ac VHT40: 22.84 dBm / 0.1923 W 802.11ac VHT80: 18.39 dBm / 0.0690 W 802.11ac VHT160: 17.74 dBm / 0.0594 W 802.11ax HE20: 21.35 dBm / 0.1365 W 802.11ax HE40: 22.94 dBm / 0.1968 W 802.11ax HE80: 18.49 dBm / 0.0706 W 802.11ax HE160: 17.84 dBm / 0.0608 W</p> <p><5260 MHz ~ 5320 MHz> MIMO <Ant. 7+3> 802.11a: 20.99 dBm / 0.1256 W 802.11n HT20: 21.04 dBm / 0.1271 W 802.11n HT40: 22.59 dBm / 0.1816 W 802.11ac VHT20: 21.14 dBm / 0.1300 W 802.11ac VHT40: 22.69 dBm / 0.1858 W 802.11ac VHT80: 18.84 dBm / 0.0766 W 802.11ax HE20: 21.24 dBm / 0.1330 W 802.11ax HE40: 22.79 dBm / 0.1901 W 802.11ax HE80: 19.01 dBm / 0.0796 W</p> <p><5500 MHz ~ 5720 MHz> MIMO <Ant. 7+3> 802.11a: 20.81 dBm / 0.1205 W 802.11n HT20: 20.91 dBm / 0.1233 W 802.11n HT40: 22.69 dBm / 0.1858 W 802.11ac VHT20: 21.01 dBm / 0.1262 W 802.11ac VHT40: 22.79 dBm / 0.1901 W 802.11ac VHT80: 22.54 dBm / 0.1795 W 802.11ac VHT160: 18.25 dBm / 0.0668 W 802.11ax HE20: 21.11 dBm / 0.1291 W 802.11ax HE40: 22.89 dBm / 0.1945 W 802.11ax HE80: 22.64 dBm / 0.1837 W 802.11ax HE160: 18.35 dBm / 0.0684 W</p>



Product Specification subjective to this standard							
99% Occupied Bandwidth	MIMO <Ant. 7> 802.11a: 17.33 MHz 802.11ax HE20: 19.23 MHz 802.11ax HE40: 38.56 MHz 802.11ax HE80: 77.44 MHz 802.11ax HE160: 156.56 MHz MIMO <Ant. 3> 802.11a: 17.63 MHz 802.11ax HE20: 19.43 MHz 802.11ax HE40: 44.26 MHz 802.11ax HE80: 77.68 MHz 802.11ax HE160: 156.80 MHz						
Antenna Type	<5180 MHz ~ 5240 MHz> <Ant. 7> : Slot Antenna <Ant. 3> : IFA Antenna <5260 MHz ~ 5320 MHz> <Ant. 7> : Slot Antenna <Ant. 3> : IFA Antenna <5500 MHz ~ 5720 MHz> <Ant. 7> : Slot Antenna <Ant. 3> : IFA Antenna						
Antenna Gain	<5180 MHz ~ 5240 MHz> <Ant. 7> : -1.4 dBi <Ant. 3> : -1.7 dBi <5260 MHz ~ 5320 MHz> <Ant. 7> : -0.6 dBi <Ant. 3> : -2.0 dBi <5500 MHz ~ 5720 MHz> <Ant. 7> : -0.8 dBi <Ant. 3> : -2.0 dBi						
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax : OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)						
Antenna Function Description	<table border="1"> <thead> <tr> <th></th> <th>Ant. 7</th> <th>Ant. 3</th> </tr> </thead> <tbody> <tr> <td>802.11 a/n/ac/ax MIMO</td> <td>V</td> <td>V</td> </tr> </tbody> </table>		Ant. 7	Ant. 3	802.11 a/n/ac/ax MIMO	V	V
	Ant. 7	Ant. 3					
802.11 a/n/ac/ax MIMO	V	V					

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.
2. MIMO Ant. 7+3 Directional Gain is a calculated result from MIMO Ant. 7 and MIMO Ant. 3. The formula used in calculation is documented in section 3.6.
 Power of MIMO Ant. 7 + Ant. 3 is a calculated result from sum of the power MIMO Ant. 7 and MIMO Ant. 3.



1.3 Modification of EUT

No modifications are made to the EUT during all test items.

1.4 Testing Location

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

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

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, 03CH13-HY

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

FCC designation No.: TW1190 and TW3786

1.5 Applicable Standards

According to the specifications of 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 test items were verified and recorded according to the standards and without any deviation during the test.
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). 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 Y 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 in "*" were 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel in "[#]" were 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel in "@[#]" were 802.11ac VHT160 and 802.11ax HE160.



2.2 Test Mode

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

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

Final test modes are considering the modulation and worse data rates as below table.

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + USB Cable 1 (Charging from AC Adapter 2)
Remark: 1. For Radiated Test Cases, the tests were performed with Adapter 2 and USB Cable 1. 2. During the preliminary test, both charging modes (Adapter mode and WPC Charging mode) were verified. It is determined that the adaptor mode is the worst case for official test.	



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

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

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

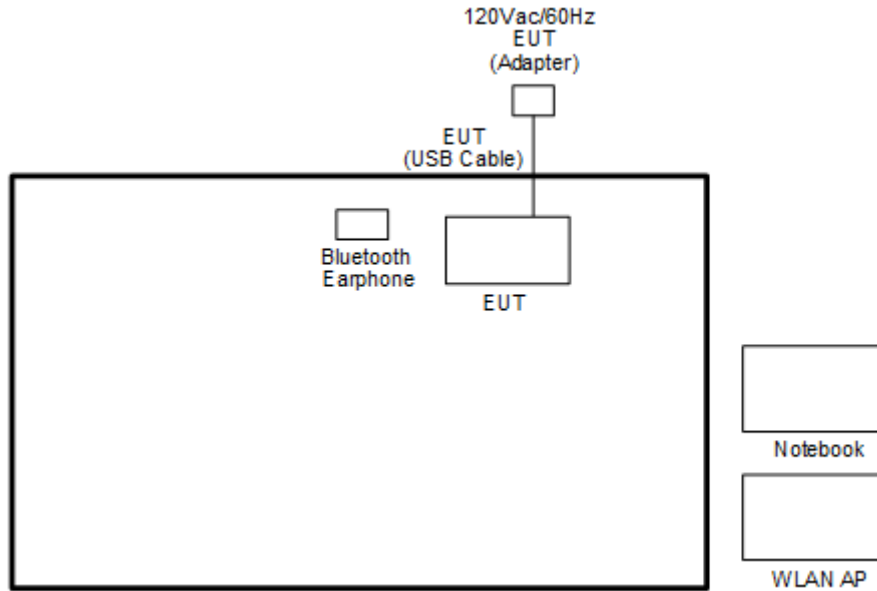
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

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

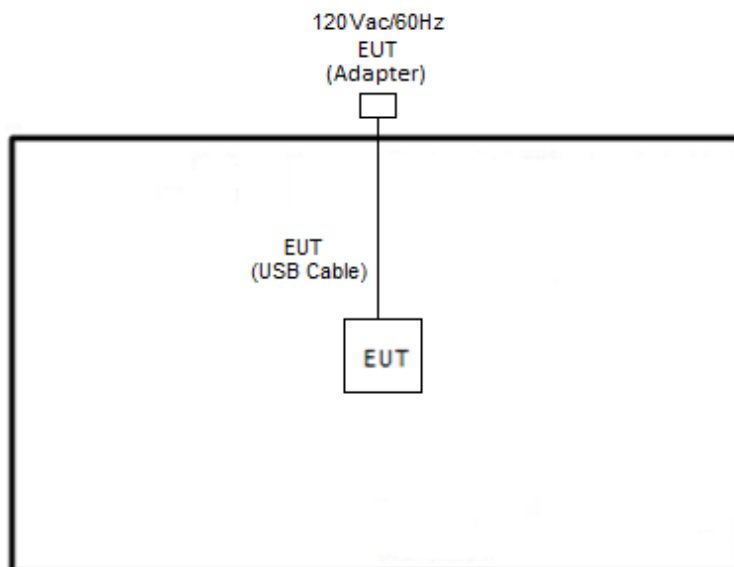
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>





2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Google	G1007, G1008	A4RG1008 A4RG1007	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “adb command V_1.0.36” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

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.

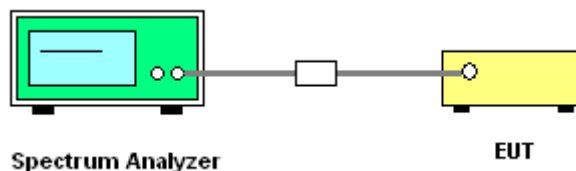
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

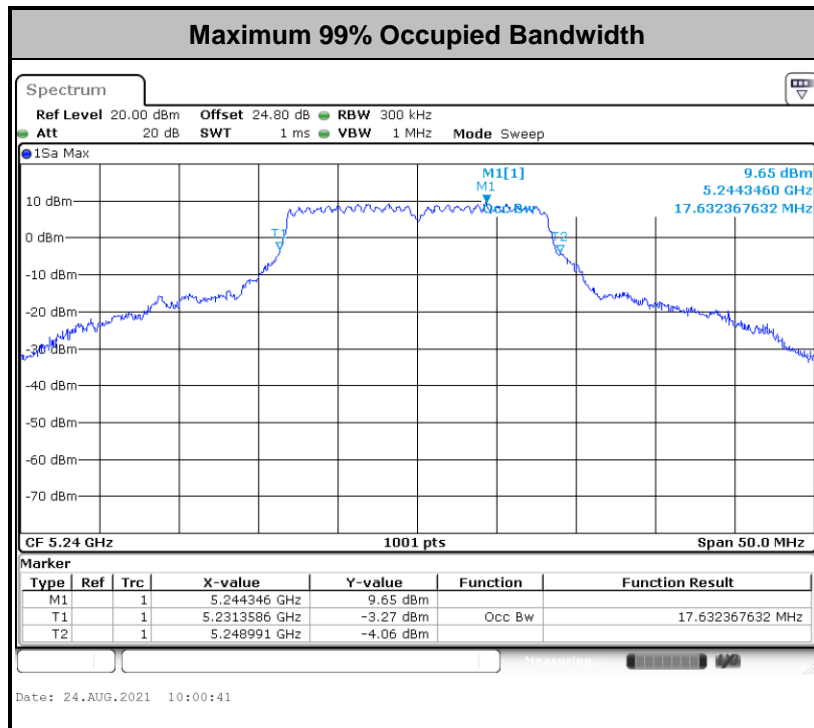
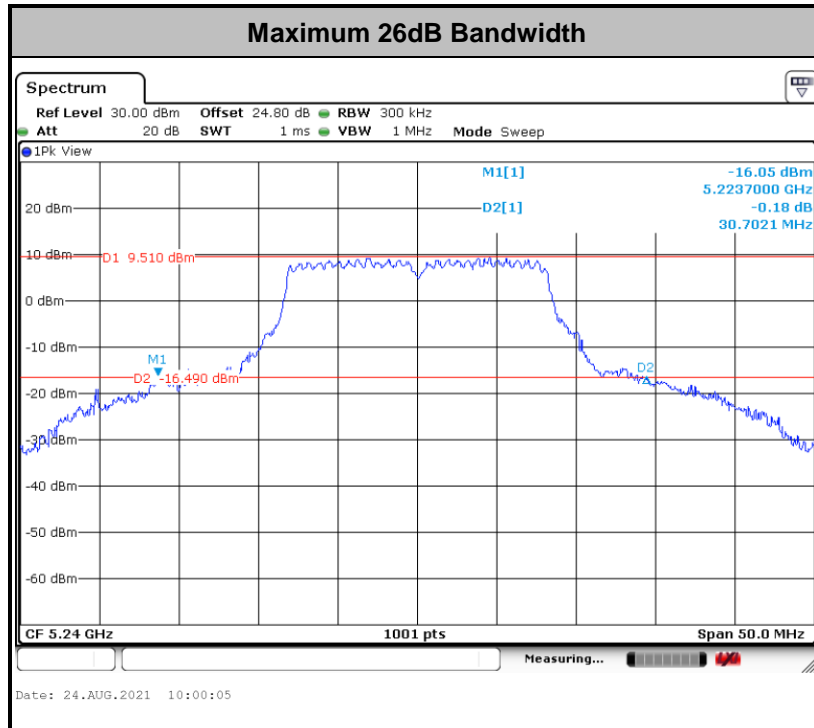
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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

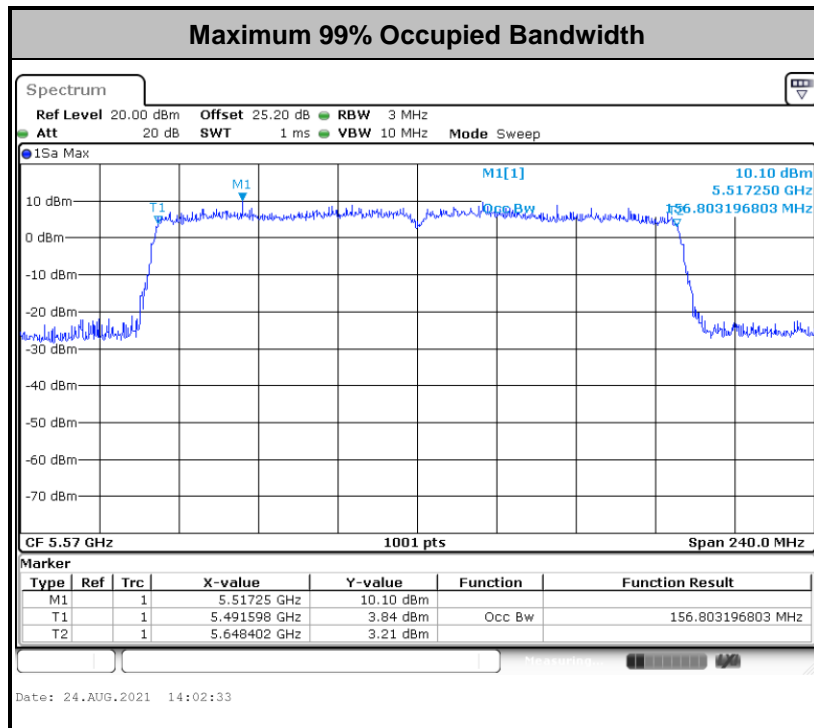
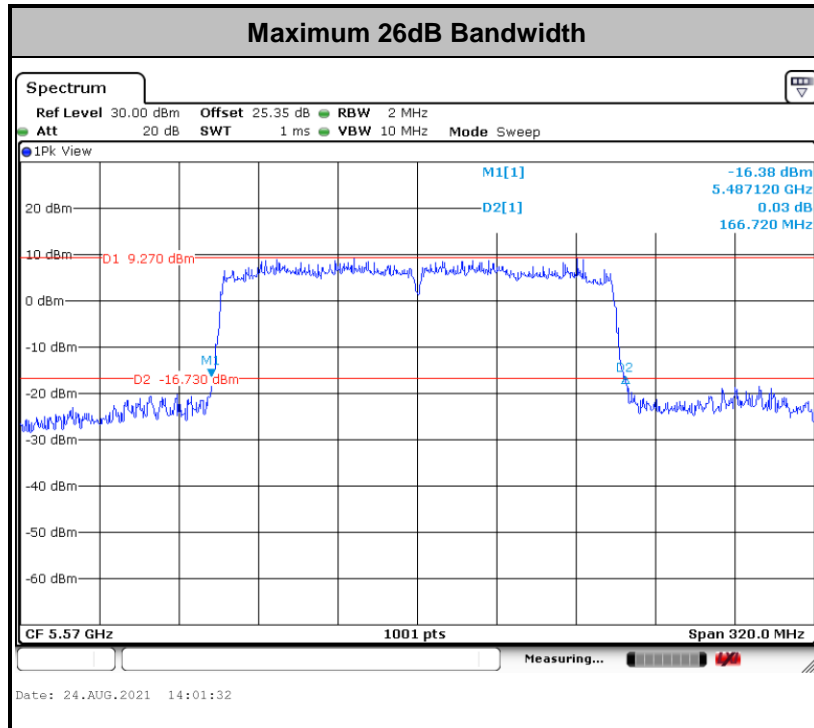
Please refer to Appendix A.



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



<For 802.11ax Mode>



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

See list of measuring equipment of this test report.

3.2.3 Test Procedures

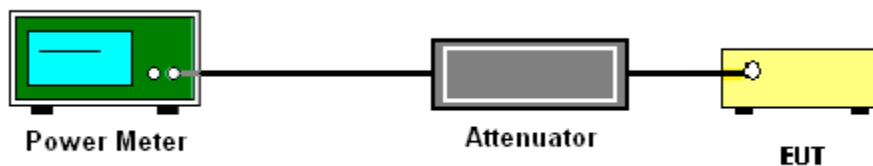
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

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

See list of measuring equipment of 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 was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

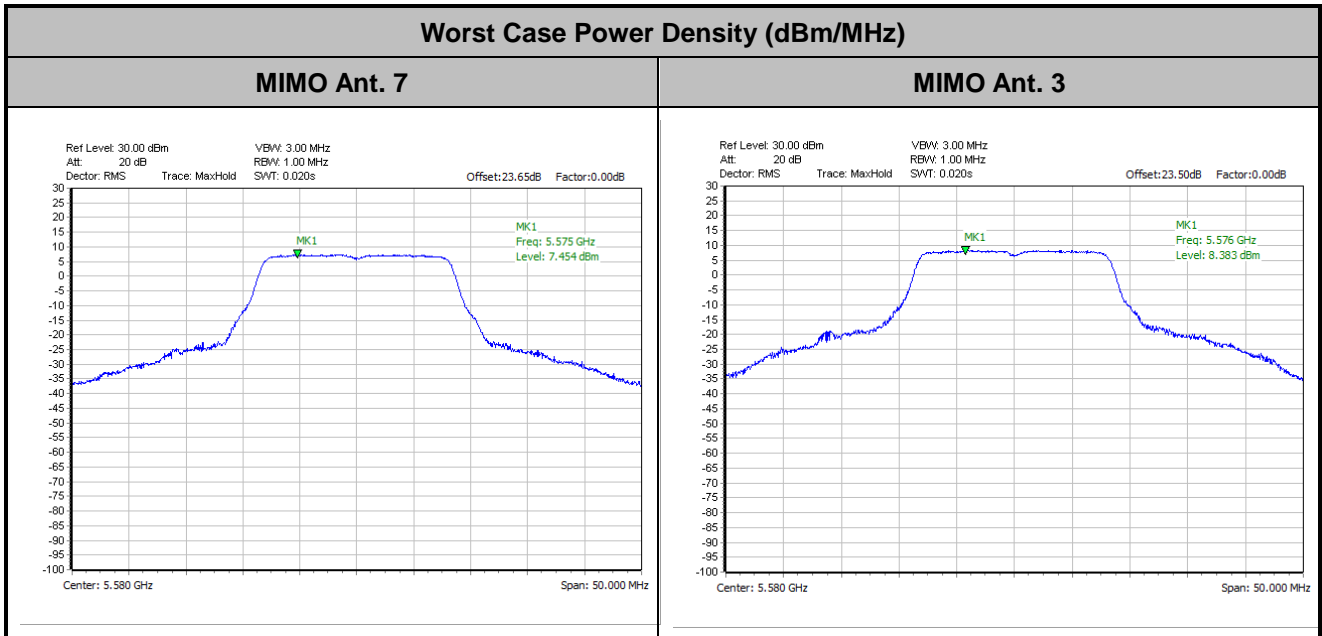
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

3.3.4 Test Setup

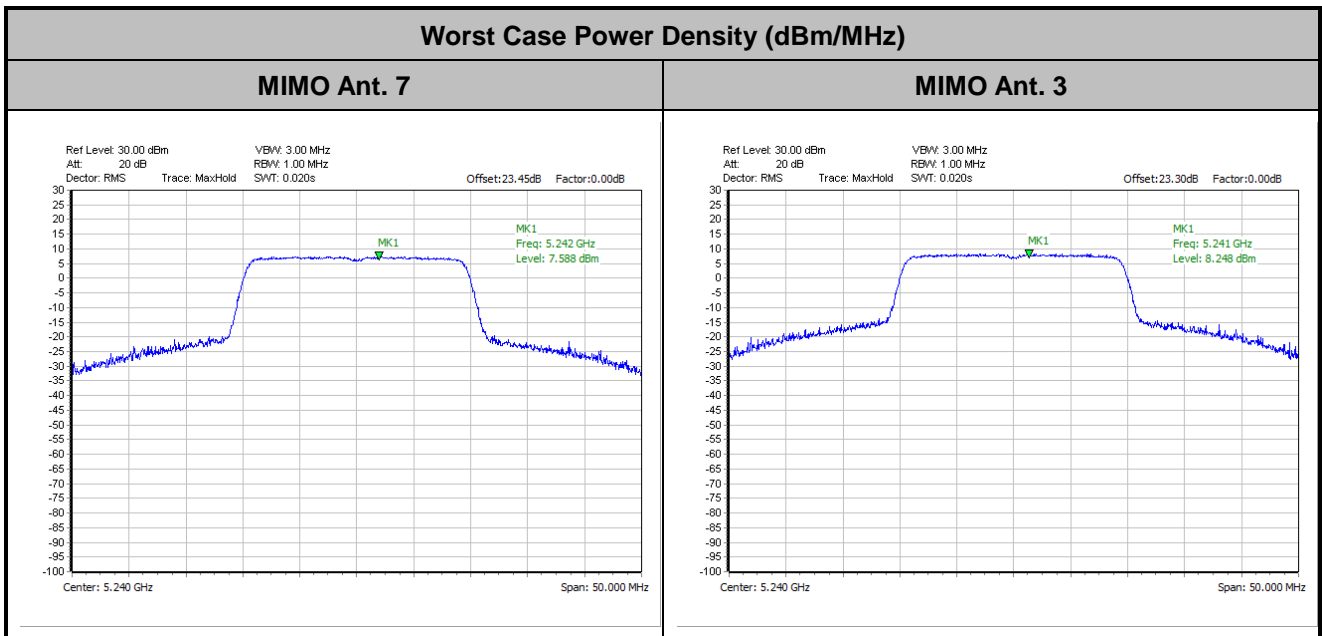


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



<For 802.11ax Mode>





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 fallen 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.

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



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

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

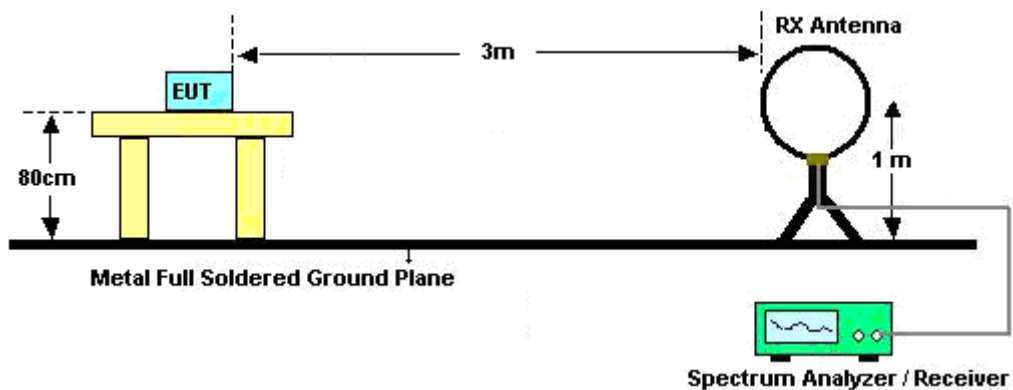
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

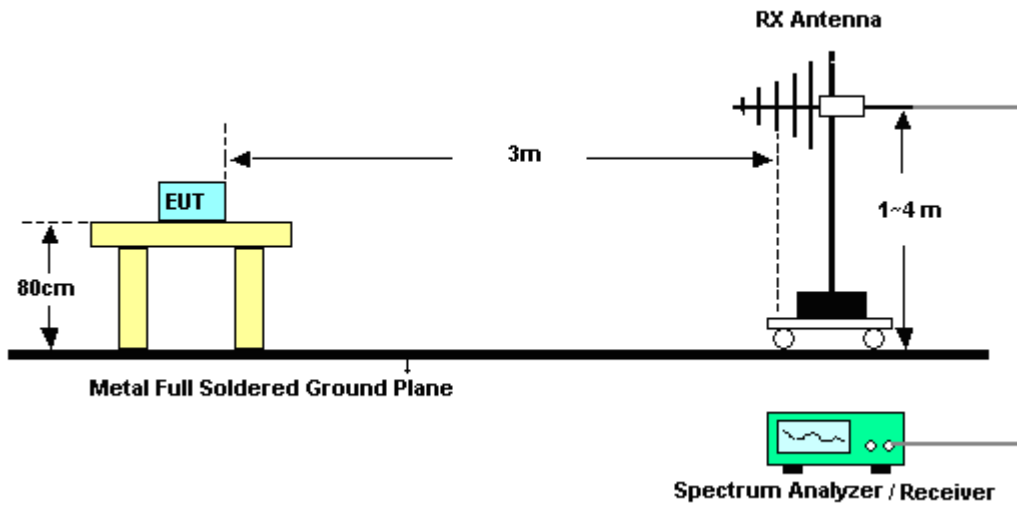
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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 was 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. For testing below 1 GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

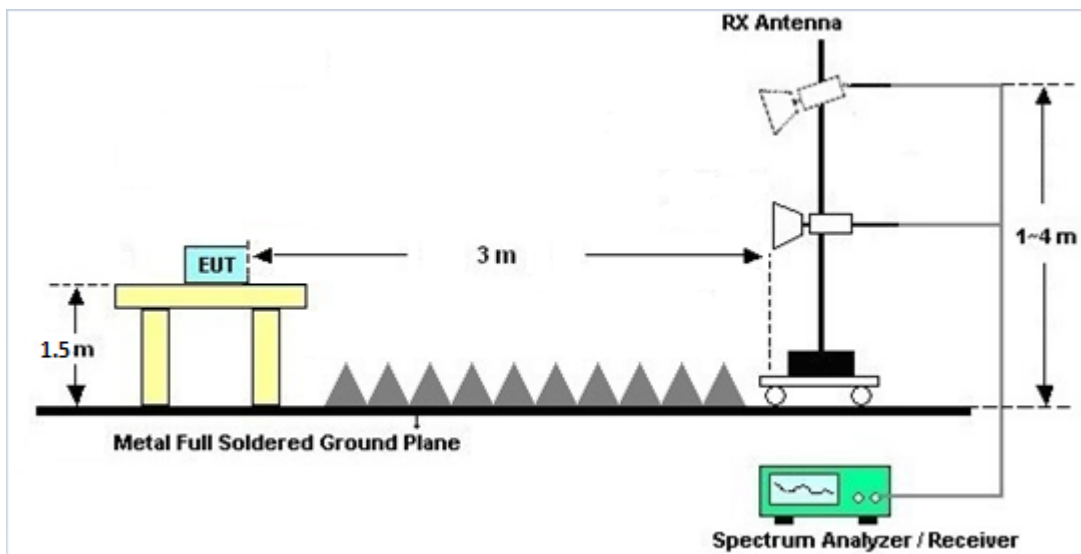
For radiated emissions below 30MHz



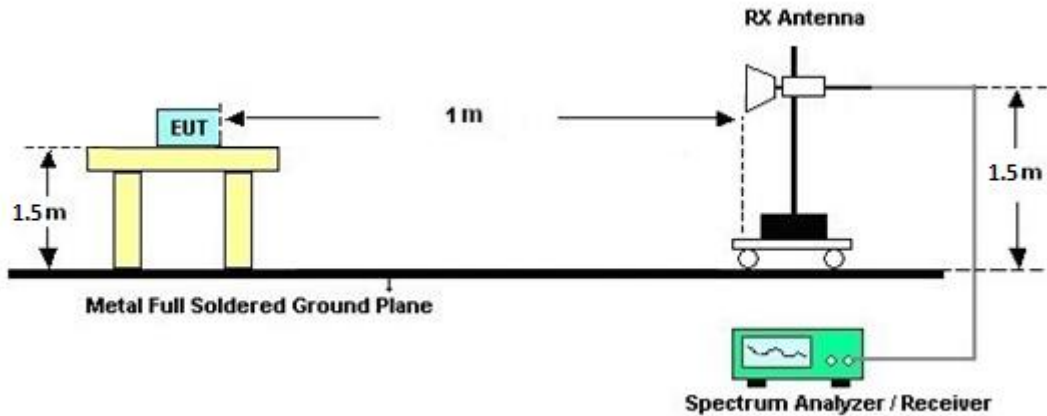
For radiated emissions from 30MHz to 1GHz



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 started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

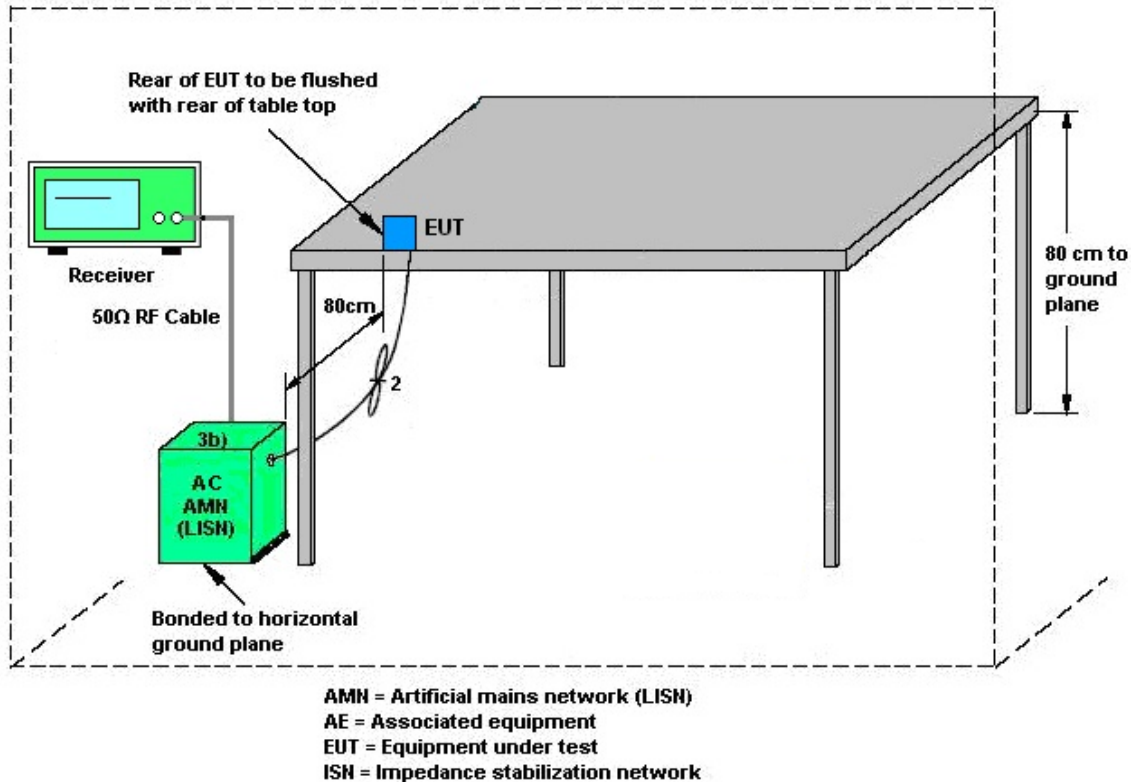
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
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

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

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

Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) 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.



<CDD Modes>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 7	Ant. 3	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-1.40	-1.70	-1.40	1.46	0.00	0.00
Band II	-0.60	-2.00	-0.60	1.74	0.00	0.00
Band III	-0.80	-2.00	-0.80	1.63	0.00	0.00

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

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

Calculation example:

For the Band I, the DG for PSD is derived from formula is

$$10 \times \log \left\{ \left[10^{(-1.40 \text{ dBi} / 20)} + 10^{(-1.70 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

= 1.46 dBi



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	100315	9 kHz~30 MHz	Jan. 04, 2021	Jul. 03, 2021~ Jul. 20, 2021	Jan. 03, 2022	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 16, 2020	Jul. 03, 2021~ Jul. 20, 2021	Dec. 15, 2021	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-022 94	1GHz ~ 18GHz	Jun. 23, 2021	Jul. 03, 2021~ Jul. 20, 2021	Jun. 22, 2022	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 18, 2021	Jul. 03, 2021~ Jul. 20, 2021	May 17, 2022	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY532701 47	1GHz~26.5GHz	Oct. 28, 2020	Jul. 03, 2021~ Jul. 20, 2021	Oct. 27, 2021	Radiation (03CH13-HY)
Signal Generator	Anritsu	MG3694C	163401	0.1Hz~40GHz	Jan. 31, 2021	Jul. 03, 2021~ Jul. 20, 2021	Jan. 30, 2022	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY553705 26	10Hz~44GHz	Mar. 18, 2021	Jul. 03, 2021~ Jul. 20, 2021	Mar. 17, 2022	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 03, 2021~ Jul. 20, 2021	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1m~4m	N/A	Jul. 03, 2021~ Jul. 20, 2021	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jul. 03, 2021~ Jul. 20, 2021	N/A	Radiation (03CH13-HY)
Software	Audix	E3 6.2009-8-24	RK-00099 2	N/A	N/A	Jul. 03, 2021~ Jul. 20, 2021	N/A	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 11, 2020	Jul. 03, 2021~ Jul. 20, 2021	Dec. 10, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Feb. 10, 2021	Jul. 03, 2021~ Jul. 20, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30M-18G	Feb. 10, 2021	Jul. 03, 2021~ Jul. 20, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Feb. 22, 2021	Jul. 03, 2021~ Jul. 20, 2021	Feb. 21, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz~40GHz	Mar. 11, 2021	Jul. 03, 2021~ Jul. 20, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/ 4	30M-18G	Feb. 10, 2021	Jul. 03, 2021~ Jul. 20, 2021	Feb. 09, 2022	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz~30MHz	Mar. 11, 2021	Jul. 03, 2021~ Jul. 20, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170 584	18GHz- 40GHz	Dec. 11, 2020	Jul. 03, 2021~ Jul. 20, 2021	Dec. 10, 2021	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP200879	N/A	Oct. 22, 2020	Jul. 03, 2021~ Jul. 20, 2021	Oct. 21, 2021	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000 -40ST	SN5	6.75GHz High Pass Filter	Mar. 11, 2021	Jul. 03, 2021~ Jul. 20, 2021	Mar. 10, 2022	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-270 0-3000-18000 -60SS	SN2	3GHz High Pass Filter	May 17, 2021	Jul. 03, 2021~ Jul. 20, 2021	May 16, 2022	Radiation (03CH13-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 07, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	Jul. 07, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	Jul. 07, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	Jul. 07, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 07, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	Jul. 07, 2021	Feb. 24, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	Jul. 07, 2021	Dec. 30, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Jun. 17, 2021~ Aug. 24, 2021	Mar. 02, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	RPR6W-2 101001	10MHz~8GHz	Feb. 03, 2021	Jun. 17, 2021~ Aug. 24, 2021	Feb. 02, 2022	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 27, 2020	Jun. 17, 2021~ Aug. 24, 2021	Nov. 26, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Jun. 17, 2021~ Aug. 24, 2021	Mar. 16, 2022	Conducted (TH05-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.3 dB
---	--------

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

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

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.8 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.9 dB
---	--------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	22.5~25.9	°C
Test Date:	2021/6/17~2021/8/24	Relative Humidity:	45.1~58.7	%

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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	36	5180	17.18	17.48	21.78	29.20	-	-	22.35	22.35	
11a	6Mbps	2	44	5220	17.18	17.53	21.66	30.50	-	-	22.35	22.35	
11a	6Mbps	2	48	5240	17.18	17.63	21.81	30.70	-	-	22.35	22.35	

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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	36	5180	17.45	17.80	20.64	24.00		-1.40	Pass	
11a	6Mbps	2	44	5220	17.65	18.20	20.94	24.00		-1.40	Pass	
11a	6Mbps	2	48	5240	17.45	18.20	20.85	24.00		-1.40	Pass	
HT20	MCS0	2	36	5180	17.55	18.10	20.84	24.00		-1.40	Pass	
HT20	MCS0	2	44	5220	17.25	18.00	20.65	24.00		-1.40	Pass	
HT20	MCS0	2	48	5240	17.75	18.50	21.15	24.00		-1.40	Pass	
HT40	MCS0	2	38	5190	19.75	19.70	22.74	24.00		-1.40	Pass	
HT40	MCS0	2	46	5230	18.55	19.00	21.79	24.00		-1.40	Pass	
VHT20	MCS0	2	36	5180	17.65	18.20	20.94	24.00		-1.40	Pass	
VHT20	MCS0	2	44	5220	17.35	18.10	20.75	24.00		-1.40	Pass	
VHT20	MCS0	2	48	5240	17.85	18.60	21.25	24.00		-1.40	Pass	
VHT40	MCS0	2	38	5190	19.85	19.80	22.84	24.00		-1.40	Pass	
VHT40	MCS0	2	46	5230	18.65	19.10	21.89	24.00		-1.40	Pass	
VHT80	MCS0	2	42	5210	15.15	15.60	18.39	24.00		-1.40	Pass	
VHT160	MCS0	2	50	5250	14.65	14.80	17.74	24.00		-1.40	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	36	5180			10.70	11.00	1.46		Pass	
11a	6Mbps	2	44	5220			10.74	11.00	1.46		Pass	
11a	6Mbps	2	48	5240			10.73	11.00	1.46		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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	52	5260	17.28	17.38	21.86	24.27	23.38		29.38		23.98		
11a	6Mbps	2	60	5300	17.28	17.28	21.96	25.96	23.38		29.38		23.98		
11a	6Mbps	2	64	5320	17.33	17.13	21.96	22.20	23.34		29.34		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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3		
11a	6Mbps	2	52	5260	17.75	17.60	20.69	23.98		-0.60	30	Pass	
11a	6Mbps	2	60	5300	18.05	17.90	20.99	23.98		-0.60	30	Pass	
11a	6Mbps	2	64	5320	17.95	17.90	20.94	23.98		-0.60	30	Pass	
HT20	MCS0	2	52	5260	17.75	17.80	20.79	23.98		-0.60	30	Pass	
HT20	MCS0	2	60	5300	17.95	18.10	21.04	23.98		-0.60	30	Pass	
HT20	MCS0	2	64	5320	18.05	17.90	20.99	23.98		-0.60	30	Pass	
HT40	MCS0	2	54	5270	19.75	19.40	22.59	23.98		-0.60	30	Pass	
HT40	MCS0	2	62	5310	15.95	16.00	18.99	23.98		-0.60	30	Pass	
VHT20	MCS0	2	52	5260	17.85	17.90	20.89	23.98		-0.60	30	Pass	
VHT20	MCS0	2	60	5300	18.05	18.20	21.14	23.98		-0.60	30	Pass	
VHT20	MCS0	2	64	5320	18.15	18.00	21.09	23.98		-0.60	30	Pass	
VHT40	MCS0	2	54	5270	19.85	19.50	22.69	23.98		-0.60	30	Pass	
VHT40	MCS0	2	62	5310	16.05	16.10	19.09	23.98		-0.60	30	Pass	
VHT80	MCS0	2	58	5290	15.75	15.90	18.84	23.98		-0.60	30	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	52	5260			10.53	11.00	1.74		Pass	
11a	6Mbps	2	60	5300			10.73	11.00	1.74		Pass	
11a	6Mbps	2	64	5320			10.76	11.00	1.74		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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3
11a	6Mbps	2	100	5500	17.08	17.13	21.60	21.70	23.33		29.33		23.98		----	----
11a	6Mbps	2	116	5580	17.18	17.38	21.80	28.25	23.35		29.35		23.98		----	----
11a	6Mbps	2	140	5700	17.13	17.03	21.50	21.95	23.31		29.31		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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3
11a	6Mbps	2	144	5720	13.59	13.64	15.95	19.75	22.33		28.33		23.03		3.2	3.2

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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3		
11a	6Mbps	2	100	5500	15.85	16.50	19.20	23.98		-0.80	30	Pass	
11a	6Mbps	2	116	5580	17.35	18.20	20.81	23.98		-0.80	30	Pass	
11a	6Mbps	2	140	5700	15.65	16.70	19.22	23.98		-0.80	30	Pass	
HT20	MCS0	2	100	5500	15.95	16.50	19.24	23.98		-0.80	30	Pass	
HT20	MCS0	2	116	5580	17.45	18.30	20.91	23.98		-0.80	30	Pass	
HT20	MCS0	2	140	5700	15.45	16.60	19.07	23.98		-0.80	30	Pass	
HT40	MCS0	2	102	5510	16.55	16.50	19.54	23.98		-0.80	30	Pass	
HT40	MCS0	2	110	5550	19.75	19.60	22.69	23.98		-0.80	30	Pass	
HT40	MCS0	2	134	5670	19.05	19.10	22.09	23.98		-0.80	30	Pass	
VHT20	MCS0	2	100	5500	16.05	16.60	19.34	23.98		-0.80	30	Pass	
VHT20	MCS0	2	116	5580	17.55	18.40	21.01	23.98		-0.80	30	Pass	
VHT20	MCS0	2	140	5700	15.55	16.70	19.17	23.98		-0.80	30	Pass	
VHT40	MCS0	2	102	5510	16.65	16.60	19.64	23.98		-0.80	30	Pass	
VHT40	MCS0	2	110	5550	19.85	19.70	22.79	23.98		-0.80	30	Pass	
VHT40	MCS0	2	134	5670	19.15	19.20	22.19	23.98		-0.80	30	Pass	
VHT80	MCS0	2	106	5530	15.75	15.90	18.84	23.98		-0.80	30	Pass	
VHT80	MCS0	2	122	5610	19.55	19.40	22.49	23.98		-0.80	30	Pass	
VHT160	MCS0	2	114	5570	14.85	15.60	18.25	23.98		-0.80	30	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3		
11a	6Mbps	2	144	5720	17.25	18.10	20.71	23.03		-0.80	30	Pass	
HT20	MCS0	2	144	5720	17.25	18.10	20.71	23.98		-0.80	30	Pass	
HT40	MCS0	2	142	5710	19.55	19.50	22.54	23.98		-0.80	30	Pass	
VHT20	MCS0	2	144	5720	17.35	18.20	20.81	23.98		-0.80	30	Pass	
VHT40	MCS0	2	142	5710	19.65	19.60	22.64	23.98		-0.80	30	Pass	
VHT80	MCS0	2	138	5690	19.55	19.50	22.54	23.98		-0.80	30	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	100	5500			9.17	11.00	1.63		Pass	
11a	6Mbps	2	116	5580			10.77	11.00	1.63		Pass	
11a	6Mbps	2	140	5700			9.37	11.00	1.63		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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
11a	6Mbps	2	144	5720			10.64	11.00	1.63		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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	36	5180	Full	19.23	19.38	21.80	36.15	-	-	22.84		
HE20	MCS0	2	44	5220	Full	19.18	19.28	21.60	32.75	-	-	22.83		
HE20	MCS0	2	48	5240	Full	19.18	19.43	23.60	37.95	-	-	22.83		
HE40	MCS0	2	38	5190	Full	38.56	44.26	60.48	78.57	-	-	23.01		
HE40	MCS0	2	46	5230	Full	38.06	38.66	53.01	60.75	-	-	23.01		
HE80	MCS0	2	42	5210	Full	77.08	77.08	81.92	81.60	-	-	23.01		
HE160	MCS0	2	50	5250	Full	156.56	156.32	165.12	165.44	-	-	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	36	5180	Full	17.75	18.30	21.04	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	36	5180	26/0	8.45	9.60	12.07	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	36	5180	52/37	11.55	12.50	15.06	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	36	5180	106/53	14.65	15.10	17.89	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	44	5220	Full	17.45	18.20	20.85	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	44	5220	26/4	9.15	10.60	12.95	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	44	5220	52/39	10.95	12.30	14.69	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	44	5220	106/53	13.85	14.90	17.42	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	48	5240	Full	17.95	18.70	21.35	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	48	5240	26/8	8.55	10.10	12.40	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	48	5240	52/40	11.55	12.90	15.29	24.00	24.00	-1.40	-1.40	Pass
HE20	MCS0	2	48	5240	106/54	14.15	15.20	17.72	24.00	24.00	-1.40	-1.40	Pass
HE40	MCS0	2	38	5190	Full	19.95	19.90	22.94	24.00	24.00	-1.40	-1.40	Pass
HE40	MCS0	2	46	5230	Full	18.75	19.20	21.99	24.00	24.00	-1.40	-1.40	Pass
HE80	MCS0	2	42	5210	Full	15.25	15.70	18.49	24.00	24.00	-1.40	-1.40	Pass
HE160	MCS0	2	50	5250	Full	14.75	14.90	17.84	24.00	24.00	-1.40	-1.40	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	36	5180	Full			10.70		11.00		1.46	Pass
HE20	MCS0	2	36	5180	26/0			10.42		11.00		1.46	Pass
HE20	MCS0	2	36	5180	52/37			10.44		11.00		1.46	Pass
HE20	MCS0	2	36	5180	106/53			10.44		11.00		1.46	Pass
HE20	MCS0	2	44	5220	Full			10.50		11.00		1.46	Pass
HE20	MCS0	2	44	5220	26/4			10.33		11.00		1.46	Pass
HE20	MCS0	2	44	5220	52/39			10.28		11.00		1.46	Pass
HE20	MCS0	2	44	5220	106/53			10.25		11.00		1.46	Pass
HE20	MCS0	2	48	5240	Full			10.91		11.00		1.46	Pass
HE20	MCS0	2	48	5240	26/8			10.62		11.00		1.46	Pass
HE20	MCS0	2	48	5240	52/40			10.78		11.00		1.46	Pass
HE20	MCS0	2	48	5240	106/54			10.41		11.00		1.46	Pass
HE40	MCS0	2	38	5190	Full			10.04		11.00		1.46	Pass
HE40	MCS0	2	46	5230	Full			9.34		11.00		1.46	Pass
HE80	MCS0	2	42	5210	Full			2.69		11.00		1.46	Pass
HE160	MCS0	2	50	5250	Full			-1.25		11.00		1.46	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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	52	5260	Full	19.18	19.33	21.80	31.75	23.83	29.83	23.98				
HE20	MCS0	2	60	5300	Full	19.18	19.28	24.25	31.50	23.83	29.83	23.98				
HE20	MCS0	2	64	5320	Full	19.23	19.28	23.15	28.75	23.84	29.84	23.98				
HE40	MCS0	2	54	5270	Full	38.46	38.86	66.96	68.04	23.98	30.00	23.98				
HE40	MCS0	2	62	5310	Full	37.86	37.76	39.78	39.69	23.98	30.00	23.98				
HE80	MCS0	2	58	5290	Full	77.20	77.08	82.56	81.60	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3		
HE20	MCS0	2	52	5260	Full	17.95	18.00	20.99	23.98		-0.60	30	Pass	
HE20	MCS0	2	52	5260	26/0	8.85	9.50	12.20	23.98		-0.60	30	Pass	
HE20	MCS0	2	52	5260	52/37	11.35	11.60	14.49	23.98		-0.60	30	Pass	
HE20	MCS0	2	52	5260	106/53	14.45	14.70	17.59	23.98		-0.60	30	Pass	
HE20	MCS0	2	60	5300	Full	18.15	18.30	21.24	23.98		-0.60	30	Pass	
HE20	MCS0	2	60	5300	26/4	9.85	10.30	13.09	23.98		-0.60	30	Pass	
HE20	MCS0	2	60	5300	52/39	11.55	12.20	14.90	23.98		-0.60	30	Pass	
HE20	MCS0	2	60	5300	106/54	14.45	15.00	17.74	23.98		-0.60	30	Pass	
HE20	MCS0	2	64	5320	Full	18.25	18.10	21.19	23.98		-0.60	30	Pass	
HE20	MCS0	2	64	5320	26/8	8.25	8.60	11.44	23.98		-0.60	30	Pass	
HE20	MCS0	2	64	5320	52/40	11.15	11.70	14.44	23.98		-0.60	30	Pass	
HE20	MCS0	2	64	5320	106/54	14.35	14.70	17.54	23.98		-0.60	30	Pass	
HE40	MCS0	2	54	5270	Full	19.95	19.60	22.79	23.98		-0.60	30	Pass	
HE40	MCS0	2	62	5310	Full	16.15	16.20	19.19	23.98		-0.60	30	Pass	
HE80	MCS0	2	58	5290	Full	15.85	16.15	19.01	23.98		-0.60	30	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	52	5260	Full			10.59	11.00	1.74		Pass	
HE20	MCS0	2	52	5260	26/0			10.34	11.00	1.74		Pass	
HE20	MCS0	2	52	5260	52/37			10.11	11.00	1.74		Pass	
HE20	MCS0	2	52	5260	106/53			10.29	11.00	1.74		Pass	
HE20	MCS0	2	60	5300	Full			10.73	11.00	1.74		Pass	
HE20	MCS0	2	60	5300	26/4			10.63	11.00	1.74		Pass	
HE20	MCS0	2	60	5300	52/39			10.50	11.00	1.74		Pass	
HE20	MCS0	2	60	5300	106/54			10.25	11.00	1.74		Pass	
HE20	MCS0	2	64	5320	Full			10.68	11.00	1.74		Pass	
HE20	MCS0	2	64	5320	26/8			10.14	11.00	1.74		Pass	
HE20	MCS0	2	64	5320	52/40			10.12	11.00	1.74		Pass	
HE20	MCS0	2	64	5320	106/54			10.52	11.00	1.74		Pass	
HE40	MCS0	2	54	5270	Full			9.95	11.00	1.74		Pass	
HE40	MCS0	2	62	5310	Full			6.25	11.00	1.74		Pass	
HE80	MCS0	2	58	5290	Full			2.94	11.00	1.74		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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3
HE20	MCS0	2	100	5500	Full	19.13	19.23	21.65	26.10	23.82		29.82		23.98	----	----	
HE20	MCS0	2	116	5580	Full	19.18	19.33	21.80	34.35	23.83		29.83		23.98	----	----	
HE20	MCS0	2	140	5700	Full	19.18	19.23	21.65	22.20	23.83		29.83		23.98	----	----	
HE40	MCS0	2	102	5510	Full	37.86	37.96	40.05	39.87	23.98		30.00		23.98	----	----	
HE40	MCS0	2	110	5550	Full	38.56	38.96	69.84	74.52	23.98		30.00		23.98	----	----	
HE40	MCS0	2	134	5670	Full	38.26	38.56	59.40	59.76	23.98		30.00		23.98	----	----	
HE80	MCS0	2	106	5530	Full	77.20	76.96	81.76	81.92	23.98		30.00		23.98	----	----	
HE80	MCS0	2	122	5610	Full	77.44	77.68	124.00	148.16	23.98		30.00		23.98	----	----	
HE160	MCS0	2	114	5570	Full	156.56	156.80	166.72	166.08	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 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3	Ant 7	Ant 3
HE20	MCS0	2	144	5720	Full	14.59	14.69	17.70	18.70	22.64		28.64		23.48	4.50	4.45	
HE40	MCS0	2	142	5710	Full	34.18	34.38	47.40	50.10	23.98		30.00		23.98	3.88	3.52	
HE80	MCS0	2	138	5690	Full	73.60	73.84	101.88	103.32	23.98		30.00		23.98	3.56	3.40	

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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3		
HE20	MCS0	2	100	5500	Full	16.15	16.70	19.44	23.98		-0.80		30	Pass
HE20	MCS0	2	100	5500	26/0	5.25	7.00	9.22	23.98		-0.80		30	Pass
HE20	MCS0	2	100	5500	52/37	9.05	10.60	12.90	23.98		-0.80		30	Pass
HE20	MCS0	2	100	5500	106/53	12.05	13.40	15.79	23.98		-0.80		30	Pass
HE20	MCS0	2	116	5580	Full	17.65	18.50	21.11	23.98		-0.80		30	Pass
HE20	MCS0	2	116	5580	26/4	9.25	10.80	13.10	23.98		-0.80		30	Pass
HE20	MCS0	2	116	5580	52/38	11.15	12.50	14.89	23.98		-0.80		30	Pass
HE20	MCS0	2	116	5580	106/53	14.15	15.10	17.66	23.98		-0.80		30	Pass
HE20	MCS0	2	140	5700	Full	15.65	16.80	19.27	23.98		-0.80		30	Pass
HE20	MCS0	2	140	5700	26/8	5.15	7.10	9.24	23.98		-0.80		30	Pass
HE20	MCS0	2	140	5700	52/40	9.05	10.80	13.02	23.98		-0.80		30	Pass
HE20	MCS0	2	140	5700	106/54	12.45	13.50	16.02	23.98		-0.80		30	Pass
HE40	MCS0	2	102	5510	Full	16.75	16.70	19.74	23.98		-0.80		30	Pass
HE40	MCS0	2	110	5550	Full	19.95	19.80	22.89	23.98		-0.80		30	Pass
HE40	MCS0	2	134	5670	Full	19.25	19.30	22.29	23.98		-0.80		30	Pass
HE80	MCS0	2	106	5530	Full	15.85	16.00	18.94	23.98		-0.80		30	Pass
HE80	MCS0	2	122	5610	Full	19.65	19.50	22.59	23.98		-0.80		30	Pass
HE160	MCS0	2	114	5570	Full	14.95	15.70	18.35	23.98		-0.80		30	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3		
HE20	MCS0	2	144	5720	Full	17.45	18.30	20.91	23.48		-0.80		30	Pass
HE20	MCS0	2	144	5720	26/8	8.05	9.80	12.02	23.48		-0.80		30	Pass
HE20	MCS0	2	144	5720	52/40	10.75	12.10	14.49	23.48		-0.80		30	Pass
HE20	MCS0	2	144	5720	106/54	14.05	15.00	17.56	23.48		-0.80		30	Pass
HE40	MCS0	2	142	5710	Full	19.75	19.70	22.74	23.98		-0.80		30	Pass
HE80	MCS0	2	138	5690	Full	19.65	19.60	22.64	23.98		-0.80		30	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	100	5500	Full			9.11		11.00		1.63	Pass
HE20	MCS0	2	100	5500	26/0			7.69		11.00		1.63	Pass
HE20	MCS0	2	100	5500	52/37			8.83		11.00		1.63	Pass
HE20	MCS0	2	100	5500	106/53			8.57		11.00		1.63	Pass
HE20	MCS0	2	116	5580	Full			10.73		11.00		1.63	Pass
HE20	MCS0	2	116	5580	26/4			10.58		11.00		1.63	Pass
HE20	MCS0	2	116	5580	52/38			10.69		11.00		1.63	Pass
HE20	MCS0	2	116	5580	106/53			10.41		11.00		1.63	Pass
HE20	MCS0	2	140	5700	Full			9.10		11.00		1.63	Pass
HE20	MCS0	2	140	5700	26/8			7.94		11.00		1.63	Pass
HE20	MCS0	2	140	5700	52/40			8.94		11.00		1.63	Pass
HE20	MCS0	2	140	5700	106/54			8.72		11.00		1.63	Pass
HE40	MCS0	2	102	5510	Full			6.80		11.00		1.63	Pass
HE40	MCS0	2	110	5550	Full			10.18		11.00		1.63	Pass
HE40	MCS0	2	134	5670	Full			9.32		11.00		1.63	Pass
HE80	MCS0	2	106	5530	Full			2.77		11.00		1.63	Pass
HE80	MCS0	2	122	5610	Full			6.57		11.00		1.63	Pass
HE160	MCS0	2	114	5570	Full			-0.71		11.00		1.63	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 7	Ant 3	SUM	Ant 7	Ant 3	Ant 7	Ant 3	
HE20	MCS0	2	144	5720	Full			10.86		11.00		1.63	Pass
HE40	MCS0	2	144	5720	26/8			10.72		11.00		1.63	Pass
HE40	MCS0	2	144	5720	52/40			10.37		11.00		1.63	Pass
HE40	MCS0	2	144	5720	106/54			10.55		11.00		1.63	Pass
HE40	MCS0	2	142	5710	Full			9.58		11.00		1.63	Pass
HE80	MCS0	2	138	5690	Full			6.53		11.00		1.63	Pass



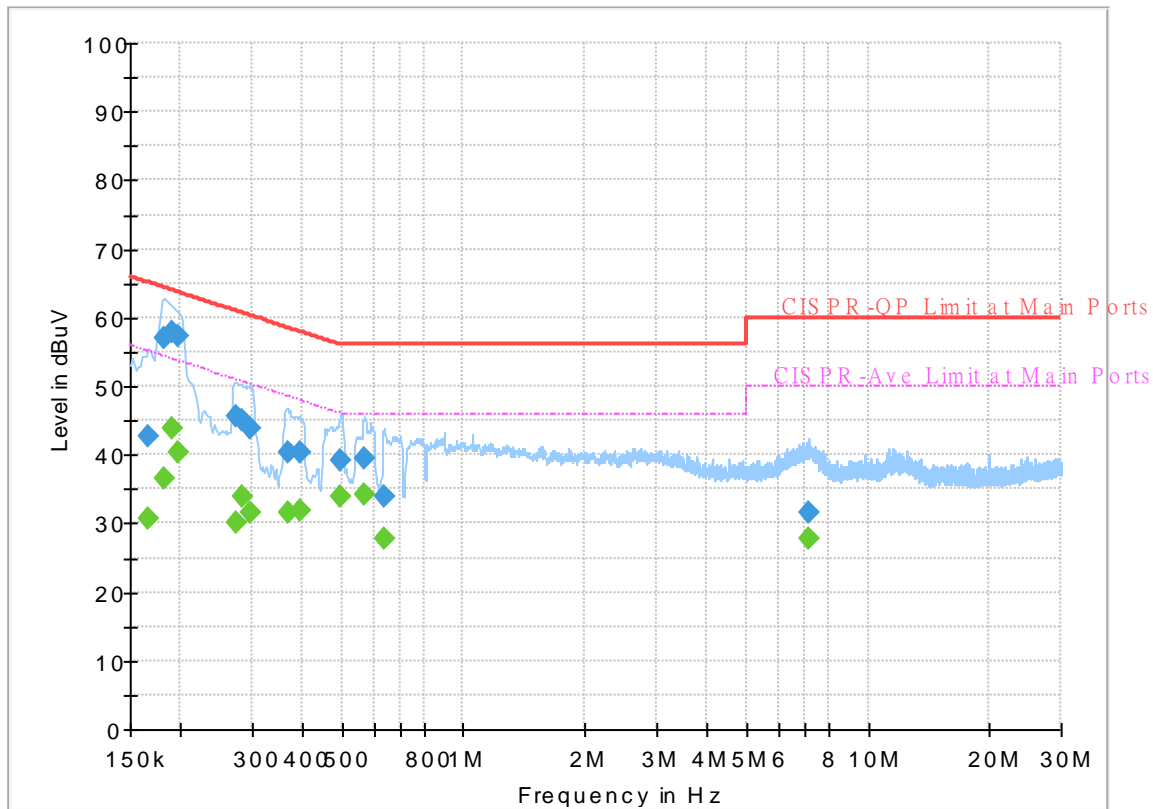
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26°C
		Relative Humidity :	40~50%

EUT Information

Report NO : 121931-04
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



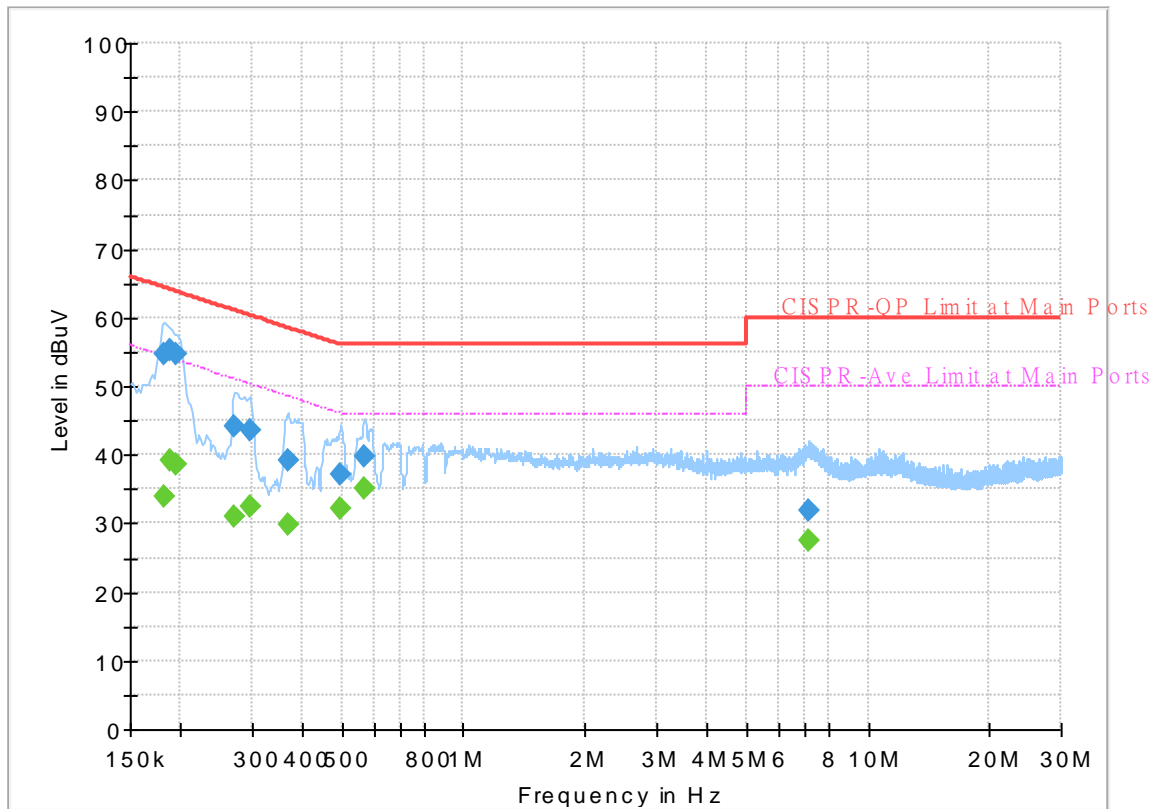
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	30.62	55.17	24.55	L1	OFF	19.5
0.165750	42.84	---	65.17	22.33	L1	OFF	19.5
0.181500	---	36.68	54.42	17.74	L1	OFF	19.5
0.181500	56.98	---	64.42	7.44	L1	OFF	19.5
0.190500	---	43.95	54.02	10.07	L1	OFF	19.5
0.190500	57.97	---	64.02	6.05	L1	OFF	19.5
0.197250	---	40.37	53.73	13.36	L1	OFF	19.5
0.197250	57.34	---	63.73	6.39	L1	OFF	19.5
0.273750	---	30.24	51.00	20.76	L1	OFF	19.5
0.273750	45.51	---	61.00	15.49	L1	OFF	19.5
0.282750	---	33.78	50.74	16.96	L1	OFF	19.5
0.282750	45.09	---	60.74	15.65	L1	OFF	19.5
0.298500	---	31.63	50.28	18.65	L1	OFF	19.5
0.298500	43.82	---	60.28	16.46	L1	OFF	19.5
0.368250	---	31.50	48.54	17.04	L1	OFF	19.5
0.368250	40.46	---	58.54	18.08	L1	OFF	19.5
0.393000	---	31.90	48.00	16.10	L1	OFF	19.5
0.393000	40.41	---	58.00	17.59	L1	OFF	19.5
0.498750	---	33.99	46.02	12.03	L1	OFF	19.7
0.498750	39.09	---	56.02	16.93	L1	OFF	19.7
0.570750	---	34.12	46.00	11.88	L1	OFF	19.7
0.570750	39.62	---	56.00	16.38	L1	OFF	19.7
0.638250	---	27.91	46.00	18.09	L1	OFF	19.8
0.638250	34.02	---	56.00	21.98	L1	OFF	19.8
7.170000	---	27.68	50.00	22.32	L1	OFF	19.9
7.170000	31.69	---	60.00	28.31	L1	OFF	19.9

EUT Information

Report NO : 121931-04
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181500	---	34.01	54.42	20.41	N	OFF	19.5
0.181500	54.53	---	64.42	9.89	N	OFF	19.5
0.188250	---	39.08	54.11	15.03	N	OFF	19.5
0.188250	55.30	---	64.11	8.81	N	OFF	19.5
0.195000	---	38.49	53.82	15.33	N	OFF	19.5
0.195000	54.59	---	63.82	9.23	N	OFF	19.5
0.271500	---	31.08	51.07	19.99	N	OFF	19.5
0.271500	44.08	---	61.07	16.99	N	OFF	19.5
0.296250	---	32.49	50.35	17.86	N	OFF	19.5
0.296250	43.44	---	60.35	16.91	N	OFF	19.5
0.368250	---	29.95	48.54	18.59	N	OFF	19.6
0.368250	39.18	---	58.54	19.36	N	OFF	19.6
0.496500	---	32.27	46.06	13.79	N	OFF	19.7
0.496500	37.27	---	56.06	18.79	N	OFF	19.7
0.568500	---	35.22	46.00	10.78	N	OFF	19.8
0.568500	39.68	---	56.00	16.32	N	OFF	19.8
7.149750	---	27.62	50.00	22.38	N	OFF	20.0
7.149750	31.81	---	60.00	28.19	N	OFF	20.0



Appendix C. Radiated Spurious Emission

Test Engineer :	Daniel Lee, Jacky Hong and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	40~60%

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.		
7+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5147.68	67.53	-6.47	74	55.56	33.1	6.28	27.41	198	51	P	H	
		5149.76	48.24	-5.76	54	36.27	33.1	6.28	27.41	198	51	A	H	
	*	5180	109.63	-	-	97.7	33.04	6.29	27.4	198	51	P	H	
	*	5180	101.19	-	-	89.26	33.04	6.29	27.4	198	51	A	H	
													H	
														H
			5148.2	55.26	-18.74	74	43.29	33.1	6.28	27.41	184	351	P	V
			5146.9	46.45	-7.55	54	34.48	33.1	6.28	27.41	184	351	A	V
	*		5180	109.61	-	-	97.69	33.04	6.28	27.4	184	351	P	V
	*		5180	102.43	-	-	90.51	33.04	6.28	27.4	184	351	A	V
														V
														V
802.11a CH 44 5220MHz		5105.82	56.21	-17.79	74	44.26	33.1	6.27	27.42	195	52	P	H	
		5147.16	44.6	-9.4	54	32.63	33.1	6.28	27.41	195	52	A	H	
	*	5220	109.37	-	-	97.54	32.92	6.3	27.39	195	52	P	H	
	*	5220	101.5	-	-	89.67	32.92	6.3	27.39	195	52	A	H	
			5386.64	51.75	-22.25	74	39.87	32.85	6.38	27.35	195	52	P	H
			5459.44	43.13	-10.87	54	31.13	32.92	6.41	27.33	195	52	A	H
			5122.2	52.74	-21.26	74	40.79	33.1	6.27	27.42	234	358	P	V
			5094.38	44.54	-9.46	54	32.62	33.09	6.26	27.43	234	358	A	V
	*		5220	110.8	-	-	98.97	32.92	6.3	27.39	234	358	P	V
	*		5220	102.89	-	-	91.06	32.92	6.3	27.39	234	358	A	V
			5365.64	52.19	-21.81	74	40.41	32.76	6.37	27.35	234	358	P	V
			5458.6	43.3	-10.7	54	31.3	32.92	6.41	27.33	234	358	A	V



802.11a CH 48 5240MHz		5124.54	57.69	-16.31	74	45.74	33.1	6.27	27.42	193	50	P	H
		5061.88	44.5	-9.5	54	32.65	33.02	6.26	27.43	193	50	A	H
	*	5240	110.18	-	-	98.42	32.84	6.31	27.39	193	50	P	H
	*	5240	100.97	-	-	89.21	32.84	6.31	27.39	193	50	A	H
		5388.04	54.22	-19.78	74	42.34	32.85	6.38	27.35	193	50	P	H
		5449.64	43	-11	54	31.03	32.9	6.4	27.33	193	50	A	H
		5131.3	53.57	-20.43	74	41.62	33.1	6.27	27.42	234	360	P	V
		5096.72	44.62	-9.38	54	32.69	33.09	6.26	27.42	234	360	A	V
	*	5240	110.26	-	-	98.5	32.84	6.31	27.39	234	360	P	V
	*	5240	102.69	-	-	90.93	32.84	6.31	27.39	234	360	A	V
		5407.08	52.57	-21.43	74	40.62	32.9	6.39	27.34	234	360	P	V
		5371.52	43.36	-10.64	54	31.54	32.79	6.38	27.35	234	360	A	V
Remark	<ol style="list-style-type: none"> 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. 7+3	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	47.24	-20.96	68.2	54.95	38.6	10.15	56.46	100	0	P	H
		15540	60.08	-13.92	74	66.25	37.98	12.03	56.18	334	296	P	H
		15540	44.24	-9.76	54	50.41	37.98	12.03	56.18	334	296	A	H
													H
		10360	48.09	-20.11	68.2	55.8	38.6	10.15	56.46	100	0	P	V
		15540	65.08	-8.92	74	71.25	37.98	12.03	56.18	187	14	P	V
		15540	50.41	-3.59	54	56.58	37.98	12.03	56.18	187	14	A	V
802.11a CH 44 5220MHz		10440	46.29	-21.91	68.2	54	38.56	10.19	56.46	100	0	P	H
		15660	62.23	-11.77	74	68.38	37.74	12.04	55.93	400	292	P	H
		15660	46.85	-7.15	54	53	37.74	12.04	55.93	400	292	A	H
													H
		10440	47.7	-20.5	68.2	55.41	38.56	10.19	56.46	100	0	P	V
		15660	63.51	-10.49	74	69.66	37.74	12.04	55.93	309	311	P	V
		15660	49.22	-4.78	54	55.37	37.74	12.04	55.93	309	311	A	V
802.11a CH 48 5240MHz		10480	46.33	-21.87	68.2	54.06	38.52	10.21	56.46	100	0	P	H
		15720	61.88	-12.12	74	67.99	37.64	12.05	55.8	387	286	P	H
		15720	47.28	-6.72	54	53.39	37.64	12.05	55.8	387	286	A	H
													H
		10480	47.62	-20.58	68.2	55.35	38.52	10.21	56.46	100	0	P	V
		15720	63.38	-10.62	74	69.49	37.64	12.05	55.8	306	315	P	V
		15720	48.63	-5.37	54	54.74	37.64	12.05	55.8	306	315	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 7+3	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 36 5180MHz		5148.2	66.72	-7.28	74	54.75	33.1	6.28	27.41	183	55	P	H	
		5150	49.7	-4.3	54	37.73	33.1	6.28	27.41	183	55	A	H	
	*	5180	110.2	-	-	98.28	33.04	6.28	27.4	183	55	P	H	
	*	5180	100.3	-	-	88.38	33.04	6.28	27.4	183	55	A	H	
													H	
														H
			5147.42	56.71	-17.29	74	44.74	33.1	6.28	27.41	226	355	P	V
			5150	47.96	-6.04	54	35.99	33.1	6.28	27.41	226	355	A	V
		*	5180	110.3	-	-	98.38	33.04	6.28	27.4	226	355	P	V
		*	5180	100	-	-	88.08	33.04	6.28	27.4	226	355	A	V
													V	
													V	
802.11ax HE20 Full CH 44 5220MHz		5148.98	55.91	-18.09	74	43.94	33.1	6.28	27.41	186	59	P	H	
		5132.34	44.96	-9.04	54	33.01	33.1	6.27	27.42	186	59	A	H	
	*	5220	110.08	-	-	98.25	32.92	6.3	27.39	186	59	P	H	
	*	5220	100.62	-	-	88.79	32.92	6.3	27.39	186	59	A	H	
			5390.56	52.84	-21.16	74	40.94	32.86	6.39	27.35	186	59	P	H
			5451.6	43.71	-10.29	54	31.73	32.9	6.41	27.33	186	59	A	H
			5137.54	54.44	-19.56	74	42.48	33.1	6.27	27.41	194	0	P	V
			5069.94	44.84	-9.16	54	32.97	33.04	6.26	27.43	194	0	A	V
		*	5220	111.06	-	-	99.23	32.92	6.3	27.39	194	0	P	V
		*	5220	101.19	-	-	89.36	32.92	6.3	27.39	194	0	A	V
		5402.88	53.77	-20.23	74	41.83	32.9	6.39	27.35	194	0	P	V	
		5402.32	43.82	-10.18	54	31.88	32.9	6.39	27.35	194	0	A	V	



802.11ax HE20 Full CH 48 5240MHz		5097.24	54.08	-19.92	74	42.15	33.09	6.26	27.42	196	57	P	H
		5073.32	44.56	-9.44	54	32.68	33.05	6.26	27.43	196	57	A	H
	*	5240	109.44	-	-	97.68	32.84	6.31	27.39	196	57	P	H
	*	5240	99.68	-	-	87.92	32.84	6.31	27.39	196	57	A	H
		5390	53.38	-20.62	74	41.49	32.86	6.38	27.35	196	57	P	H
		5456.92	43.39	-10.61	54	31.4	32.91	6.41	27.33	196	57	A	H
		5073.06	53.34	-20.66	74	41.46	33.05	6.26	27.43	207	0	P	V
		5079.56	44.7	-9.3	54	32.81	33.06	6.26	27.43	207	0	A	V
	*	5240	110.61	-	-	98.85	32.84	6.31	27.39	207	0	P	V
	*	5240	101	-	-	89.24	32.84	6.31	27.39	207	0	A	V
		5429.76	52.1	-21.9	74	40.14	32.9	6.4	27.34	207	0	P	V
		5405.12	43.6	-10.4	54	31.65	32.9	6.39	27.34	207	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+3	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 36 5180MHz		10360	45.73	-22.47	68.2	53.44	38.6	10.15	56.46	400	0	P	H
		15540	59.4	-14.6	74	65.57	37.98	12.03	56.18	312	226	P	H
		15540	40.21	-13.79	54	46.38	37.98	12.03	56.18	312	226	A	H
													H
		10360	47.44	-20.76	68.2	55.15	38.6	10.15	56.46	100	0	P	V
		15540	65.22	-8.78	74	71.39	37.98	12.03	56.18	193	20	P	V
		15540	50.76	-3.24	54	56.93	37.98	12.03	56.18	193	20	A	V
													V
802.11ax HE20 Full CH 44 5220MHz		10440	46.22	-21.98	68.2	53.93	38.56	10.19	56.46	100	0	P	H
		15660	58.67	-15.33	74	64.82	37.74	12.04	55.93	400	299	P	H
		15660	44.8	-9.2	54	50.95	37.74	12.04	55.93	400	299	A	H
													H
		10440	46.31	-21.89	68.2	54.02	38.56	10.19	56.46	100	0	P	V
		15660	64.21	-9.79	74	70.36	37.74	12.04	55.93	149	15	P	V
		15660	50.24	-3.76	54	56.39	37.74	12.04	55.93	149	15	A	V
													V
802.11ax HE20 Full CH 48 5240MHz		10480	46.92	-21.28	68.2	54.65	38.52	10.21	56.46	100	0	P	H
		15720	61.28	-12.72	74	67.39	37.64	12.05	55.8	400	287	P	H
		15720	45.39	-8.61	54	51.5	37.64	12.05	55.8	400	287	A	H
													H
		10480	46.54	-21.66	68.2	54.27	38.52	10.21	56.46	100	0	P	V
		15720	64	-10	74	70.11	37.64	12.05	55.8	150	15	P	V
		15720	50.05	-3.95	54	56.16	37.64	12.05	55.8	150	15	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 7+3	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		5148.46	59.2	-14.8	74	47.23	33.1	6.28	27.41	101	124	P	H
		5148.98	47.65	-6.35	54	35.68	33.1	6.28	27.41	101	124	A	H
	*	5190	100.87	-	-	88.96	33.02	6.29	27.4	101	124	P	H
	*	5190	90.74	-	-	78.83	33.02	6.29	27.4	101	124	A	H
		5460	51.26	-22.74	74	39.26	32.92	6.41	27.33	101	124	P	H
		5456.64	42.98	-11.02	54	30.99	32.91	6.41	27.33	101	124	A	H
		5148.46	61.05	-12.95	74	49.08	33.1	6.28	27.41	100	94	P	V
		5148.98	51.1	-2.9	54	39.13	33.1	6.28	27.41	100	94	A	V
	*	5190	106.62	-	-	94.71	33.02	6.29	27.4	100	94	P	V
	*	5190	96.38	-	-	84.47	33.02	6.29	27.4	100	94	A	V
		5364.24	52.32	-21.68	74	40.55	32.76	6.37	27.36	100	94	P	V
		5454.68	43.1	-10.9	54	31.11	32.91	6.41	27.33	100	94	A	V
802.11ax HE40 Full CH 46 5230MHz		5145.34	53.93	-20.07	74	41.96	33.1	6.28	27.41	273	60	P	H
		5150	45.46	-8.54	54	33.49	33.1	6.28	27.41	273	60	A	H
	*	5230	108.41	-	-	96.62	32.88	6.3	27.39	273	60	P	H
	*	5230	96.31	-	-	84.52	32.88	6.3	27.39	273	60	A	H
		5405.4	54.46	-19.54	74	42.51	32.9	6.39	27.34	273	60	P	H
		5441.8	43.24	-10.76	54	31.28	32.9	6.4	27.34	273	60	A	H
		5149.24	54.59	-19.41	74	42.62	33.1	6.28	27.41	123	354	P	V
		5147.94	45.92	-8.08	54	33.95	33.1	6.28	27.41	123	354	A	V
	*	5230	110.65	-	-	98.86	32.88	6.3	27.39	123	354	P	V
	*	5230	99.58	-	-	87.79	32.88	6.3	27.39	123	354	A	V
	5369.56	52.69	-21.31	74	40.89	32.78	6.37	27.35	123	354	P	V	
	5363.96	43.75	-10.25	54	31.98	32.76	6.37	27.36	123	354	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. 7+3	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	45.72	-22.48	68.2	53.42	38.6	10.16	56.46	100	0	P	H	
		15570	48.4	-25.6	74	54.6	37.89	12.03	56.12	100	0	P	H	
													H	
													H	
			10380	46.34	-21.86	68.2	54.04	38.6	10.16	56.46	100	0	P	V
			15570	49.77	-24.23	74	55.97	37.89	12.03	56.12	100	0	P	V
														V
802.11ax HE40 Full CH 46 5230MHz		10460	46.39	-21.81	68.2	54.11	38.54	10.2	56.46	100	0	P	H	
		15690	60.25	-13.75	74	66.36	37.71	12.04	55.86	330	284	P	H	
		15690	47.42	-6.58	54	53.53	37.71	12.04	55.86	330	284	A	H	
													H	
			10460	46.47	-21.73	68.2	54.19	38.54	10.2	56.46	100	0	P	V
			15690	60.12	-13.88	74	66.23	37.71	12.04	55.86	195	16	P	V
			15690	48.62	-5.38	54	54.73	37.71	12.04	55.86	195	16	A	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 7+3	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		5149.24	58.02	-15.98	74	46.05	33.1	6.28	27.41	188	56	P	H
		5149.5	51.58	-2.42	54	39.61	33.1	6.28	27.41	188	56	A	H
	*	5210	101.14	-	-	89.28	32.96	6.3	27.4	188	56	P	H
	*	5210	91.93	-	-	80.07	32.96	6.3	27.4	188	56	A	H
		5446.56	52.42	-21.58	74	40.45	32.9	6.4	27.33	188	56	P	H
		5459.16	44.07	-9.93	54	32.07	32.92	6.41	27.33	188	56	A	H
		5145.86	56.69	-17.31	74	44.72	33.1	6.28	27.41	236	0	P	V
		5147.16	49.35	-4.65	54	37.38	33.1	6.28	27.41	236	0	A	V
	*	5210	103.12	-	-	91.26	32.96	6.3	27.4	236	0	P	V
	*	5210	92.57	-	-	80.71	32.96	6.3	27.4	236	0	A	V
		5362.56	53.17	-20.83	74	41.41	32.75	6.37	27.36	236	0	P	V
		5433.12	44.46	-9.54	54	32.5	32.9	6.4	27.34	236	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 7+3	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		10420	44.83	-23.37	68.2	52.53	38.58	10.18	56.46	100	0	P	H	
		15630	44.2	-29.8	74	50.39	37.77	12.03	55.99	100	0	P	H	
													H	
													H	
			10420	45.98	-22.22	68.2	53.68	38.58	10.18	56.46	100	0	P	V
			15630	44.22	-29.78	74	50.41	37.77	12.03	55.99	100	0	P	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 (Band Edge @ 3m)

WIFI Ant. 7+3	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		5062.9	53.51	-20.49	74	41.65	33.03	6.26	27.43	192	56	P	H
		5119.68	44.63	-9.37	54	32.68	33.1	6.27	27.42	192	56	A	H
	*	5260	108.68	-	-	96.9	32.84	6.32	27.38	192	56	P	H
	*	5260	100.21	-	-	88.43	32.84	6.32	27.38	192	56	A	H
		5413.44	54.08	-19.92	74	42.13	32.9	6.39	27.34	192	56	P	H
		5449.44	43.44	-10.56	54	31.47	32.9	6.4	27.33	192	56	A	H
		5029.92	53.84	-20.16	74	41.99	33.04	6.25	27.44	192	0	P	V
		5106.42	44.71	-9.29	54	32.76	33.1	6.27	27.42	192	0	A	V
	*	5260	109.96	-	-	98.18	32.84	6.32	27.38	192	0	P	V
	*	5260	102.49	-	-	90.71	32.84	6.32	27.38	192	0	A	V
		5449.44	52.42	-21.58	74	40.45	32.9	6.4	27.33	192	0	P	V
		5416.08	43.95	-10.05	54	32	32.9	6.39	27.34	192	0	A	V
802.11a CH 60 5300MHz		5090.44	53.94	-20.06	74	42.03	33.08	6.26	27.43	182	58	P	H
		5109.48	44.21	-9.79	54	32.26	33.1	6.27	27.42	182	58	A	H
	*	5300	109.31	-	-	97.34	33	6.34	27.37	182	58	P	H
	*	5300	101.23	-	-	89.26	33	6.34	27.37	182	58	A	H
		5352	63.37	-10.63	74	51.65	32.71	6.37	27.36	182	58	P	H
		5350.08	44.86	-9.14	54	33.15	32.7	6.37	27.36	182	58	A	H
		5064.94	53.29	-20.71	74	41.43	33.03	6.26	27.43	231	0	P	V
		5146.88	44.34	-9.66	54	32.37	33.1	6.28	27.41	231	0	A	V
	*	5300	111.95	-	-	99.98	33	6.34	27.37	231	0	P	V
	*	5300	103.86	-	-	91.89	33	6.34	27.37	231	0	A	V
		5453.04	53.85	-20.15	74	41.86	32.91	6.41	27.33	231	0	P	V
		5434.56	44.01	-9.99	54	32.05	32.9	6.4	27.34	231	0	A	V



802.11a CH 64 5320MHz	*	5320	109.71	-	-	97.85	32.88	6.35	27.37	191	73	P	H
	*	5320	101.26	-	-	89.4	32.88	6.35	27.37	191	73	A	H
		5352.64	71.55	-2.45	74	59.83	32.71	6.37	27.36	191	73	P	H
		5350.08	50.45	-3.55	54	38.74	32.7	6.37	27.36	191	73	A	H
													H
													H
	*	5320	112.43	-	-	100.57	32.88	6.35	27.37	228	0	P	V
	*	5320	104.23	-	-	92.37	32.88	6.35	27.37	228	0	A	V
		5350.08	61.61	-12.39	74	49.9	32.7	6.37	27.36	228	0	P	V
		5350.88	50.06	-3.94	54	38.35	32.7	6.37	27.36	228	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 7+3	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	46.76	-21.44	68.2	54.4	38.56	10.23	56.43	100	0	P	H
		15780	60.45	-13.55	74	66.61	37.46	12.05	55.67	385	281	P	H
		15780	45.11	-8.89	54	51.27	37.46	12.05	55.67	385	281	A	H
													H
		10520	45.88	-22.32	68.2	53.52	38.56	10.23	56.43	100	0	P	V
		15780	64.96	-9.04	74	71.12	37.46	12.05	55.67	179	14	P	V
		15780	48.75	-5.25	54	54.91	37.46	12.05	55.67	179	14	A	V
802.11a CH 60 5300MHz		10600	46.56	-27.44	74	53.81	38.8	10.27	56.32	100	0	P	H
		15900	62.78	-11.22	74	68.72	37.4	12.07	55.41	386	280	P	H
		15900	49.09	-4.91	54	55.03	37.4	12.07	55.41	386	280	A	H
		17978	49.65	-24.35	74	51.53	41.65	13.19	56.72	126	217	P	H
		10600	48.49	-25.51	74	55.74	38.8	10.27	56.32	100	0	P	V
		15900	64.71	-9.29	74	70.65	37.4	12.07	55.41	300	316	P	V
		15900	50.67	-3.33	54	56.61	37.4	12.07	55.41	300	316	A	V
		17967	50.34	-23.66	74	52.32	41.57	13.17	56.72	168	299	P	V
802.11a CH 64 5320MHz		10640	46.81	-27.19	74	53.95	38.84	10.29	56.27	100	0	P	H
		15960	62.58	-11.42	74	68.28	37.52	12.07	55.29	400	282	P	H
		15960	49.92	-4.08	54	55.62	37.52	12.07	55.29	400	282	A	H
		17978	49.96	-24.04	74	51.84	41.65	13.19	56.72	135	209	P	H
		10640	47.66	-26.34	74	54.8	38.84	10.29	56.27	100	0	P	V
		15960	64.76	-9.24	74	70.46	37.52	12.07	55.29	282	319	P	V
		15960	50.89	-3.11	54	56.59	37.52	12.07	55.29	282	319	A	V
		17978	49.76	-24.24	74	51.64	41.65	13.19	56.72	182	298	P	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 (Band Edge @ 3m)

WIFI Ant. 7+3	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		5062.56	53.71	-20.29	74	41.85	33.03	6.26	27.43	192	58	P	H
		5103.7	44.69	-9.31	54	32.74	33.1	6.27	27.42	192	58	A	H
	*	5260	109.75	-	-	97.97	32.84	6.32	27.38	192	58	P	H
	*	5260	99.26	-	-	87.48	32.84	6.32	27.38	192	58	A	H
		5405.28	53.1	-20.9	74	41.15	32.9	6.39	27.34	192	58	P	H
		5454	43.33	-10.67	54	31.34	32.91	6.41	27.33	192	58	A	H
		5123.08	54.7	-19.3	74	42.75	33.1	6.27	27.42	205	1	P	V
		5096.22	44.62	-9.38	54	32.69	33.09	6.26	27.42	205	1	A	V
	*	5260	110.92	-	-	99.14	32.84	6.32	27.38	205	1	P	V
	*	5260	101.38	-	-	89.6	32.84	6.32	27.38	205	1	A	V
		5408.16	53.74	-20.26	74	41.79	32.9	6.39	27.34	205	1	P	V
		5449.68	43.8	-10.2	54	31.83	32.9	6.4	27.33	205	1	A	V
802.11ax HE20 Full CH 60 5300MHz		5146.88	54.03	-19.97	74	42.06	33.1	6.28	27.41	191	57	P	H
		5090.44	44.36	-9.64	54	32.45	33.08	6.26	27.43	191	57	A	H
	*	5300	109.42	-	-	97.45	33	6.34	27.37	191	57	P	H
	*	5300	98.87	-	-	86.9	33	6.34	27.37	191	57	A	H
		5354.88	60.28	-13.72	74	48.55	32.72	6.37	27.36	191	57	P	H
		5454.24	43.76	-10.24	54	31.77	32.91	6.41	27.33	191	57	A	H
		5072.42	53.38	-20.62	74	41.51	33.04	6.26	27.43	215	0	P	V
		5127.16	44.57	-9.43	54	32.62	33.1	6.27	27.42	215	0	A	V
	*	5300	111.65	-	-	99.68	33	6.34	27.37	215	0	P	V
	*	5300	101.95	-	-	89.98	33	6.34	27.37	215	0	A	V
	5437.92	53.35	-20.65	74	41.39	32.9	6.4	27.34	215	0	P	V	
	5456.64	44.31	-9.69	54	32.32	32.91	6.41	27.33	215	0	A	V	



802.11ax HE20 Full CH 64 5320MHz	*	5320	108.87	-	-	97.01	32.88	6.35	27.37	189	72	P	H
	*	5320	100.33	-	-	88.47	32.88	6.35	27.37	189	72	A	H
		5354.88	68.07	-5.93	74	56.34	32.72	6.37	27.36	189	72	P	H
		5351.04	50.52	-3.48	54	38.81	32.7	6.37	27.36	189	72	A	H
													H
													H
	*	5320	112.42	-	-	100.56	32.88	6.35	27.37	137	0	P	V
	*	5320	103.05	-	-	91.19	32.88	6.35	27.37	137	0	A	V
		5350.24	60.77	-13.23	74	49.06	32.7	6.37	27.36	137	0	P	V
		5350.56	51.34	-2.66	54	39.63	32.7	6.37	27.36	137	0	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 7+3	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	46.45	-21.75	68.2	54.09	38.56	10.23	56.43	100	0	P	H	
		15780	60.32	-13.68	74	66.48	37.46	12.05	55.67	390	282	P	H	
		15780	45.97	-8.03	54	52.13	37.46	12.05	55.67	390	282	A	H	
													H	
			10520	46.77	-21.43	68.2	54.41	38.56	10.23	56.43	100	0	P	V
			15780	64.41	-9.59	74	70.57	37.46	12.05	55.67	149	15	P	V
			15780	50.11	-3.89	54	56.27	37.46	12.05	55.67	149	15	A	V
													V	
802.11ax HE20 Full CH 60 5300MHz		10600	46.04	-27.96	74	53.29	38.8	10.27	56.32	100	0	P	H	
		15900	61.01	-12.99	74	66.95	37.4	12.07	55.41	381	284	P	H	
		15900	46.11	-7.89	54	52.05	37.4	12.07	55.41	381	284	A	H	
													H	
			10600	47.2	-26.8	74	54.45	38.8	10.27	56.32	100	0	P	V
			15900	63.84	-10.16	74	69.78	37.4	12.07	55.41	156	15	P	V
			15900	49.42	-4.58	54	55.36	37.4	12.07	55.41	156	15	A	V
													V	
802.11ax HE20 Full CH 64 5320MHz		10640	46	-28	74	53.14	38.84	10.29	56.27	100	0	P	H	
		15960	59.76	-14.24	74	65.46	37.52	12.07	55.29	388	286	P	H	
		15960	44.68	-9.32	54	50.38	37.52	12.07	55.29	388	286	A	H	
													H	
			10640	47.18	-26.82	74	54.32	38.84	10.29	56.27	100	0	P	V
			15960	63.01	-10.99	74	68.71	37.52	12.07	55.29	154	12	P	V
			15960	47.08	-6.92	54	52.78	37.52	12.07	55.29	154	12	A	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. 7+3	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		5145.86	55.21	-18.79	74	43.24	33.1	6.28	27.41	189	56	P	H	
		5099.96	45.54	-8.46	54	33.6	33.1	6.26	27.42	189	56	A	H	
	*	5270	107.75	-	-	95.93	32.88	6.32	27.38	189	56	P	H	
	*	5270	98.37	-	-	86.55	32.88	6.32	27.38	189	56	A	H	
		5412.96	57.25	-16.75	74	45.3	32.9	6.39	27.34	189	56	P	H	
		5350.32	45.01	-8.99	54	33.3	32.7	6.37	27.36	189	56	A	H	
														V
		5062.56	53.69	-20.31	74	41.83	33.03	6.26	27.43	121	0	P	V	
		5131.24	45.75	-8.25	54	33.8	33.1	6.27	27.42	121	0	A	V	
	*	5270	109.82	-	-	98	32.88	6.32	27.38	121	0	P	V	
	*	5270	100.66	-	-	88.84	32.88	6.32	27.38	121	0	A	V	
		5350.8	54.52	-19.48	74	42.81	32.7	6.37	27.36	121	0	P	V	
802.11ax HE40 Full CH 62 5310MHz		5021.42	52.79	-21.21	74	40.92	33.06	6.25	27.44	100	124	P	H	
		5112.88	44.14	-9.86	54	32.19	33.1	6.27	27.42	100	124	A	H	
	*	5310	102.08	-	-	90.17	32.94	6.34	27.37	100	124	P	H	
	*	5310	93.36	-	-	81.45	32.94	6.34	27.37	100	124	A	H	
		5350.56	58.26	-15.74	74	46.55	32.7	6.37	27.36	100	124	P	H	
		5350.32	46.99	-7.01	54	35.28	32.7	6.37	27.36	100	124	A	H	
		5052.36	52.74	-21.26	74	40.93	33	6.25	27.44	100	71	P	V	
		5079.9	44.15	-9.85	54	32.26	33.06	6.26	27.43	100	71	A	V	
	*	5310	106.12	-	-	94.21	32.94	6.34	27.37	100	71	P	V	
	*	5310	96.76	-	-	84.85	32.94	6.34	27.37	100	71	A	V	
		5352.72	61.6	-12.4	74	49.88	32.71	6.37	27.36	100	71	P	V	
		5350.56	50.7	-3.3	54	38.99	32.7	6.37	27.36	100	71	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. 7+3	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	45.82	-22.38	68.2	53.36	38.62	10.24	56.4	400	0	P	H	
		15810	60.89	-13.11	74	67.04	37.4	12.06	55.61	384	285	P	H	
		15810	48.88	-5.12	54	55.03	37.4	12.06	55.61	384	285	A	H	
													H	
			10540	46.55	-21.65	68.2	54.09	38.62	10.24	56.4	100	0	P	V
			15810	62.69	-11.31	74	68.84	37.4	12.06	55.61	202	16	P	V
			15810	50.69	-3.31	54	56.84	37.4	12.06	55.61	202	16	A	V
802.11ax HE40 Full CH 62 5310MHz		10620	45.35	-28.65	74	52.54	38.82	10.28	56.29	400	0	P	H	
		15930	47.52	-26.48	74	53.34	37.46	12.07	55.35	400	0	P	H	
													H	
													H	
			10620	46.32	-27.68	74	53.51	38.82	10.28	56.29	100	0	P	V
			15930	47.62	-26.38	74	53.44	37.46	12.07	55.35	100	0	P	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 HE80 Full (Band Edge @ 3m)

WIFI Ant. 7+3	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		5073.78	53.97	-20.03	74	42.09	33.05	6.26	27.43	185	56	P	H
		5102.34	45.22	-8.78	54	33.27	33.1	6.27	27.42	185	56	A	H
	*	5290	100.62	-	-	88.69	32.96	6.34	27.37	185	56	P	H
	*	5290	91.21	-	-	79.28	32.96	6.34	27.37	185	56	A	H
		5366.4	60.11	-13.89	74	48.32	32.77	6.37	27.35	185	56	P	H
		5350.8	50.65	-3.35	54	38.94	32.7	6.37	27.36	185	56	A	H
		5118.32	52.93	-21.07	74	40.98	33.1	6.27	27.42	215	0	P	V
		5081.26	45.4	-8.6	54	33.51	33.06	6.26	27.43	215	0	A	V
	*	5290	102.21	-	-	90.28	32.96	6.34	27.37	215	0	P	V
	*	5290	93.64	-	-	81.71	32.96	6.34	27.37	215	0	A	V
		5352.48	58.96	-15.04	74	47.24	32.71	6.37	27.36	215	0	P	V
	5356.56	52.47	-1.53	54	40.73	32.73	6.37	27.36	215	0	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 7+3	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	45.84	-22.36	68.2	53.19	38.74	10.26	56.35	400	0	P	H	
		15870	42.86	-31.14	74	48.87	37.4	12.07	55.48	400	0	P	H	
													H	
													H	
			10580	45.47	-22.73	68.2	52.82	38.74	10.26	56.35	100	0	P	V
			15870	43.65	-30.35	74	49.66	37.4	12.07	55.48	100	0	P	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 (Band Edge @ 3m)

WIFI Ant. 7+3	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		5459.28	66.09	-7.91	74	54.09	32.92	6.41	27.33	191	60	P	H	
		5463.76	66.42	-1.78	68.2	54.41	32.93	6.41	27.33	191	60	P	H	
		5459.28	46.19	-7.81	54	34.19	32.92	6.41	27.33	191	60	A	H	
	*	5500	111.1	-	-	99	33	6.42	27.32	191	60	P	H	
	*	5500	102.33	-	-	90.23	33	6.42	27.32	191	60	A	H	
														H
			5449.68	55.16	-18.84	74	43.19	32.9	6.4	27.33	239	0	P	V
			5468.88	56.93	-11.27	68.2	44.91	32.94	6.41	27.33	239	0	P	V
			5459.92	44.85	-9.15	54	32.85	32.92	6.41	27.33	239	0	A	V
	*		5500	110.73	-	-	98.63	33	6.42	27.32	239	0	P	V
	*		5500	103.16	-	-	91.06	33	6.42	27.32	239	0	A	V
														V
802.11a CH 116 5580MHz		5459.2	59.66	-14.34	74	47.66	32.92	6.41	27.33	189	55	P	H	
		5464.96	60.61	-7.59	68.2	48.6	32.93	6.41	27.33	189	55	P	H	
		5459.92	44.77	-9.23	54	32.77	32.92	6.41	27.33	189	55	A	H	
	*	5580	113.61	-	-	101.47	33.08	6.44	27.38	189	55	P	H	
	*	5580	105.95	-	-	93.81	33.08	6.44	27.38	189	55	A	H	
			5728.775	58.07	-10.13	68.2	45.37	33.77	6.41	27.48	189	55	P	H
			5386.96	53.25	-20.75	74	41.37	32.85	6.38	27.35	234	4	P	V
			5464.24	52.96	-15.24	68.2	40.95	32.93	6.41	27.33	234	4	P	V
			5457.28	44.76	-9.24	54	32.77	32.91	6.41	27.33	234	4	A	V
	*		5580	115.41	-	-	103.27	33.08	6.44	27.38	234	4	P	V
	*		5580	107.6	-	-	95.46	33.08	6.44	27.38	234	4	A	V
			5725.94	53.59	-14.61	68.2	40.9	33.76	6.41	27.48	234	4	P	V



802.11a CH 140 5700MHz	*	5700	108.66	-	-	96.1	33.6	6.42	27.46	189	57	P	H
	*	5700	101.1	-	-	88.54	33.6	6.42	27.46	189	57	A	H
		5735.08	66.13	-2.07	68.2	53.4	33.81	6.41	27.49	189	57	P	H
													H
													H
													H
	*	5700	109.86	-	-	97.3	33.6	6.42	27.46	221	0	P	V
	*	5700	101.46	-	-	88.9	33.6	6.42	27.46	221	0	A	V
		5725	59.02	-9.18	68.2	46.34	33.75	6.41	27.48	221	0	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. 7+3	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	45.48	-28.52	74	52.08	38.7	10.47	55.77	100	0	P	H
		16500	45.34	-22.86	68.2	50.19	38.2	12.26	55.31	100	0	P	H
													H
													H
		11000	45.03	-28.97	74	51.63	38.7	10.47	55.77	100	0	P	V
		16500	46.89	-21.31	68.2	51.74	38.2	12.26	55.31	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	45.65	-28.35	74	52.12	38.76	10.54	55.77	100	0	P	H
		16740	59.45	-8.75	68.2	64.41	38.22	12.35	55.53	100	0	P	H
													H
													H
		11160	45.09	-28.91	74	51.56	38.76	10.54	55.77	100	0	P	V
		16740	59.71	-8.49	68.2	64.67	38.22	12.35	55.53	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.66	-28.34	74	51.7	39.1	10.64	55.78	100	0	P	H
		17100	48.7	-19.5	68.2	54.13	38	12.52	55.95	100	0	P	H
													H
													H
		11400	45.86	-28.14	74	51.9	39.1	10.64	55.78	100	0	P	V
		17100	52.16	-16.04	68.2	57.59	38	12.52	55.95	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 7+3	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 100 5500MHz		5460.08	65.95	-2.25	68.2	53.95	32.92	6.41	27.33	191	61	P	H
		5468.4	66.21	-1.99	68.2	54.19	32.94	6.41	27.33	191	61	P	H
		5459.44	45.67	-8.33	54	33.67	32.92	6.41	27.33	191	61	A	H
	*	5500	109.34	-	-	97.24	33	6.42	27.32	191	61	P	H
	*	5500	100.1	-	-	88	33	6.42	27.32	191	61	A	H
		5456.4	56.27	-17.73	74	44.28	32.91	6.41	27.33	226	0	P	V
		5464.4	59.73	-8.47	68.2	47.72	32.93	6.41	27.33	226	0	P	V
		5457.04	44.4	-9.6	54	32.41	32.91	6.41	27.33	226	0	A	V
	*	5500	110.47	-	-	98.37	33	6.42	27.32	226	0	P	V
	*	5500	100.96	-	-	88.86	33	6.42	27.32	226	0	A	V
													V
												V	
802.11ax HE20 Full CH 116 5580MHz		5458.48	57.79	-16.21	74	45.79	32.92	6.41	27.33	186	61	P	H
		5467.12	61.71	-6.49	68.2	49.7	32.93	6.41	27.33	186	61	P	H
		5452.72	44	-10	54	32.01	32.91	6.41	27.33	186	61	A	H
	*	5580	114.66	-	-	102.52	33.08	6.44	27.38	186	61	P	H
	*	5580	104.85	-	-	92.71	33.08	6.44	27.38	186	61	A	H
		5760.59	54.12	-14.08	68.2	41.31	33.92	6.4	27.51	186	61	P	H
		5452.24	55.2	-18.8	74	43.22	32.9	6.41	27.33	208	0	P	V
		5466.64	56.84	-11.36	68.2	44.83	32.93	6.41	27.33	208	0	P	V
		5458.96	44.82	-9.18	54	32.82	32.92	6.41	27.33	208	0	A	V
	*	5580	115.52	-	-	103.38	33.08	6.44	27.38	208	0	P	V
	*	5580	105.94	-	-	93.8	33.08	6.44	27.38	208	0	A	V
	5742.95	54.03	-14.17	68.2	41.25	33.86	6.41	27.49	208	0	P	V	



802.11ax HE20 Full CH 140 5700MHz	*	5700	108.63	-	-	96.07	33.6	6.42	27.46	187	61	P	H
	*	5700	98.82	-	-	86.26	33.6	6.42	27.46	187	61	A	H
		5726.52	66.07	-2.13	68.2	53.38	33.76	6.41	27.48	187	61	P	H
													H
													H
													H
	*	5700	109.42	-	-	96.86	33.6	6.42	27.46	194	0	P	V
	*	5700	99.14	-	-	86.58	33.6	6.42	27.46	194	0	A	V
		5725	62.4	-5.8	68.2	49.72	33.75	6.41	27.48	194	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 7+3	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 100 5500MHz		11000	45.59	-28.41	74	52.19	38.7	10.47	55.77	100	0	P	H	
		16500	46.25	-21.95	68.2	51.1	38.2	12.26	55.31	100	0	P	H	
													H	
													H	
			11000	45.36	-28.64	74	51.96	38.7	10.47	55.77	100	0	P	V
			16500	49.75	-18.45	68.2	54.6	38.2	12.26	55.31	100	0	P	V
														V
802.11ax HE20 Full CH 116 5580MHz		11160	45.47	-28.53	74	51.94	38.76	10.54	55.77	100	0	P	H	
		16740	57.9	-10.3	68.2	62.86	38.22	12.35	55.53	100	0	P	H	
		17923	50.13	-23.87	74	52.44	41.26	13.15	56.72	135	218	P	H	
		17923	40.06	-13.94	54	42.37	41.26	13.15	56.72	135	218	A	H	
		11160	45.55	-28.45	74	52.02	38.76	10.54	55.77	100	0	P	V	
		16735	63.61	-4.59	68.2	68.57	38.23	12.34	55.53	196	59	P	V	
		17945	50.14	-23.86	74	52.29	41.41	13.16	56.72	177	302	P	V	
802.11ax HE20 Full CH 140 5700MHz		17945	40.21	-13.79	54	42.36	41.41	13.16	56.72	177	302	A	V	
		11400	46.38	-27.62	74	52.42	39.1	10.64	55.78	100	0	P	H	
		17100	51.39	-16.81	68.2	56.82	38	12.52	55.95	100	0	P	H	
													H	
													H	
			11400	46.35	-27.65	74	52.39	39.1	10.64	55.78	100	0	P	V
			17100	51.08	-17.12	68.2	56.51	38	12.52	55.95	100	0	P	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 7+3	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		5459.44	53.55	-20.45	74	41.55	32.92	6.41	27.33	100	121	P	H
		5466.64	58.07	-10.13	68.2	46.06	32.93	6.41	27.33	100	121	P	H
		5458.72	44.3	-9.7	54	32.3	32.92	6.41	27.33	100	121	A	H
	*	5510	103.96	-	-	91.89	32.98	6.42	27.33	100	121	P	H
	*	5510	92.83	-	-	80.76	32.98	6.42	27.33	100	121	A	H
		5728.145	52.9	-15.3	68.2	40.2	33.77	6.41	27.48	100	121	P	H
		5459.92	58.44	-15.56	74	46.44	32.92	6.41	27.33	100	96	P	V
		5466.64	65	-3.2	68.2	52.99	32.93	6.41	27.33	100	96	P	V
		5459.2	47.97	-6.03	54	35.97	32.92	6.41	27.33	100	96	A	V
	*	5510	106.6	-	-	94.53	32.98	6.42	27.33	100	96	P	V
	*	5510	98.06	-	-	85.99	32.98	6.42	27.33	100	96	A	V
	5752.715	52.24	-15.96	68.2	39.43	33.91	6.4	27.5	100	96	P	V	
802.11ax HE40 Full CH 110 5550MHz		5436.8	56.97	-17.03	74	45.01	32.9	6.4	27.34	264	63	P	H
		5469.35	59.81	-8.39	68.2	47.79	32.94	6.41	27.33	264	63	P	H
		5459.9	45.29	-8.71	54	33.29	32.92	6.41	27.33	264	63	A	H
	*	5550	110.6	-	-	98.63	32.9	6.43	27.36	264	63	P	H
	*	5550	100.32	-	-	88.35	32.9	6.43	27.36	264	63	A	H
		5751.14	53.51	-14.69	68.2	40.71	33.9	6.4	27.5	264	63	P	H
		5457.52	56.5	-17.5	74	44.5	32.92	6.41	27.33	200	354	P	V
		5462.8	58.58	-9.62	68.2	46.57	32.93	6.41	27.33	200	354	P	V
		5459.68	46.6	-7.4	54	34.6	32.92	6.41	27.33	200	354	A	V
	*	5550	111.56	-	-	99.59	32.9	6.43	27.36	200	354	P	V
	*	5550	100.9	-	-	88.93	32.9	6.43	27.36	200	354	A	V
	5752.4	53.68	-14.52	68.2	40.88	33.9	6.4	27.5	200	354	P	V	



802.11ax HE40 Full CH 134 5670MHz		5451.15	53.02	-20.98	74	41.04	32.9	6.41	27.33	264	61	P	H
		5461.65	53.78	-14.42	68.2	41.78	32.92	6.41	27.33	264	61	P	H
		5459.9	43.64	-10.36	54	31.64	32.92	6.41	27.33	264	61	A	H
	*	5670	110.52	-	-	98.17	33.36	6.43	27.44	264	61	P	H
	*	5670	100.22	-	-	87.87	33.36	6.43	27.44	264	61	A	H
		5725	66.49	-1.71	68.2	53.81	33.75	6.41	27.48	264	61	P	H
		5445.9	52.42	-21.58	74	40.45	32.9	6.4	27.33	200	354	P	V
		5460.25	52.09	-16.11	68.2	40.09	32.92	6.41	27.33	200	354	P	V
		5459.9	43.79	-10.21	54	31.79	32.92	6.41	27.33	200	354	A	V
	*	5670	111.03	-	-	98.68	33.36	6.43	27.44	200	354	P	V
	*	5670	100.65	-	-	88.3	33.36	6.43	27.44	200	354	A	V
		5728.145	65.04	-3.16	68.2	52.34	33.77	6.41	27.48	200	354	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. 7+3	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	45.93	-28.07	74	52.52	38.7	10.48	55.77	100	0	P	H	
		16530	45.29	-22.91	68.2	50.19	38.17	12.27	55.34	100	0	P	H	
													H	
													H	
			11020	46.04	-27.96	74	52.63	38.7	10.48	55.77	100	0	P	V
			16530	49.22	-18.98	68.2	54.12	38.17	12.27	55.34	100	0	P	V
														V
802.11ax HE40 Full CH 110 5550MHz		11100	45.42	-28.58	74	51.98	38.7	10.51	55.77	400	0	P	H	
		16650	51.15	-17.05	68.2	56.09	38.2	12.31	55.45	400	0	P	H	
													H	
													H	
			11100	46.59	-27.41	74	53.15	38.7	10.51	55.77	100	0	P	V
			16650	58.9	-9.3	68.2	63.84	38.2	12.31	55.45	100	0	P	V
														V
802.11ax HE40 Full CH 134 5670MHz		11340	46.04	-27.96	74	52.23	38.98	10.61	55.78	100	0	P	H	
		17010	53.33	-14.87	68.2	58.58	38.09	12.45	55.79	100	0	P	H	
													H	
													H	
			11340	46.02	-27.98	74	52.21	38.98	10.61	55.78	100	0	P	V
			17010	57.92	-10.28	68.2	63.17	38.09	12.45	55.79	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 7+3	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		5459.92	62.54	-11.46	74	50.54	32.92	6.41	27.33	184	58	P	H
		5463.04	65.97	-2.23	68.2	53.96	32.93	6.41	27.33	184	58	P	H
		5459.92	50.9	-3.1	54	38.9	32.92	6.41	27.33	184	58	A	H
	*	5530	105.67	-	-	93.64	32.94	6.43	27.34	184	58	P	H
	*	5530	95.4	-	-	83.37	32.94	6.43	27.34	184	58	A	H
		5734.76	53.32	-14.88	68.2	40.59	33.81	6.41	27.49	184	58	P	H
		5456.08	61.18	-12.82	74	49.19	32.91	6.41	27.33	200	3	P	V
		5467.6	63.13	-5.07	68.2	51.11	32.94	6.41	27.33	200	3	P	V
		5457.04	52.18	-1.82	54	40.19	32.91	6.41	27.33	200	3	A	V
	*	5530	105.63	-	-	93.6	32.94	6.43	27.34	200	3	P	V
	*	5530	95.62	-	-	83.59	32.94	6.43	27.34	200	3	A	V
		5753.345	53.06	-15.14	68.2	40.25	33.91	6.4	27.5	200	3	P	V
802.11ax HE80 Full CH 122 5610MHz		5456.75	55.63	-18.37	74	43.64	32.91	6.41	27.33	187	58	P	H
		5466.55	57.62	-10.58	68.2	45.61	32.93	6.41	27.33	187	58	P	H
		5459.2	47.77	-6.23	54	35.77	32.92	6.41	27.33	187	58	A	H
	*	5610	110.06	-	-	97.81	33.2	6.45	27.4	187	58	P	H
	*	5610	98.87	-	-	86.62	33.2	6.45	27.4	187	58	A	H
		5728.775	59.85	-8.35	68.2	47.15	33.77	6.41	27.48	187	58	P	H
		5440.65	57.51	-16.49	74	45.55	32.9	6.4	27.34	200	7	P	V
		5462.35	58.38	-9.82	68.2	46.38	32.92	6.41	27.33	200	7	P	V
		5458.5	48.53	-5.47	54	36.53	32.92	6.41	27.33	200	7	A	V
	*	5610	109.1	-	-	96.85	33.2	6.45	27.4	200	7	P	V
	*	5610	99.29	-	-	87.04	33.2	6.45	27.4	200	7	A	V
	5725.31	60.57	-7.63	68.2	47.89	33.75	6.41	27.48	200	7	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. 7+3	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	46.79	-27.21	74	53.36	38.7	10.5	55.77	100	0	P	H	
		16590	46.27	-21.93	68.2	51.26	38.11	12.29	55.39	100	0	P	H	
													H	
													H	
			11060	47.02	-26.98	74	53.59	38.7	10.5	55.77	100	0	P	V
			16590	45.58	-22.62	68.2	50.57	38.11	12.29	55.39	100	0	P	V
														V
802.11ax HE80 Full CH 122 5610MHz		11220	46.62	-27.38	74	53.01	38.82	10.56	55.77	100	0	P	H	
		16830	48.84	-19.36	68.2	54.06	38.01	12.38	55.61	100	0	P	H	
													H	
													H	
			11220	45.97	-28.03	74	52.36	38.82	10.56	55.77	100	0	P	V
			16830	55.35	-12.85	68.2	60.57	38.01	12.38	55.61	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5434.63	51.63	-22.37	74	39.67	32.9	6.4	27.34	182	62	P	H
		5468.17	50.81	-17.39	68.2	38.79	32.94	6.41	27.33	182	62	P	H
		5456.86	42.72	-11.28	54	30.73	32.91	6.41	27.33	182	62	A	H
	*	5720	110.11	-	-	97.46	33.72	6.41	27.48	182	62	P	H
	*	5720	102.5	-	-	89.85	33.72	6.41	27.48	182	62	A	H
		5877.5	53.54	-14.66	68.2	40.52	34.15	6.46	27.59	182	62	P	H
		5442.43	51.22	-22.78	74	39.25	32.9	6.4	27.33	192	0	P	V
		5465.44	51.18	-17.02	68.2	39.17	32.93	6.41	27.33	192	0	P	V
		5456.47	43.04	-10.96	54	31.05	32.91	6.41	27.33	192	0	A	V
	*	5720	110.64	-	-	97.99	33.72	6.41	27.48	192	0	P	V
	*	5720	102.2	-	-	89.55	33.72	6.41	27.48	192	0	A	V
		5870.75	53.8	-14.4	68.2	40.8	34.14	6.45	27.59	192	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 7+3	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	46.94	-27.06	74	53.05	39.02	10.65	55.78	100	0	P	H	
		17153	56.47	-11.73	68.2	61.96	38	12.56	56.05	100	0	P	H	
													H	
													H	
			11440	45.52	-28.48	74	51.63	39.02	10.65	55.78	100	0	P	V
			17164	64.97	-3.23	68.2	70.48	38	12.56	56.07	218	57	P	V
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

WIFI Ant. 7+3	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 144 5720MHz		5450.62	51.97	-22.03	74	39.99	32.9	6.41	27.33	264	59	P	H
		5462.71	50.56	-17.64	68.2	38.55	32.93	6.41	27.33	264	59	P	H
		5452.96	43.17	-10.83	54	31.18	32.91	6.41	27.33	264	59	A	H
	*	5720	111.42	-	-	98.77	33.72	6.41	27.48	264	59	P	H
	*	5720	101.38	-	-	88.73	33.72	6.41	27.48	264	59	A	H
		5851	53.29	-14.91	68.2	40.33	34.1	6.43	27.57	264	59	P	H
		5385.49	51.63	-22.37	74	39.76	32.84	6.38	27.35	197	355	P	V
		5467.39	52.13	-16.07	68.2	40.12	32.93	6.41	27.33	197	355	P	V
		5449.06	43.18	-10.82	54	31.21	32.9	6.4	27.33	197	355	A	V
	*	5720	110.68	-	-	98.03	33.72	6.41	27.48	197	355	P	V
	*	5720	101.02	-	-	88.37	33.72	6.41	27.48	197	355	A	V
	5862.75	54.4	-13.8	68.2	41.41	34.13	6.44	27.58	197	355	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

WIFI Ant. 7+3	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 144 5720MHz		11440	46.58	-27.42	74	52.69	39.02	10.65	55.78	100	0	P	H	
		17160	54.82	-13.38	68.2	60.32	38	12.56	56.06	100	0	P	H	
													H	
													H	
			11440	46.54	-27.46	74	52.65	39.02	10.65	55.78	100	0	P	V
			17160	64.16	-4.04	68.2	69.66	38	12.56	56.06	220	57	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



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

Table with 14 columns: WIFI Ant. 7+3, 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). Rows include test results for frequencies 5458.42, 5466.61, 5452.96, 5710, 5894, 5456.86, 5468.56, 5458.81, 5710, 5710, 5858.5.

Remark

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



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

WIFI Ant. 7+3	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 142 5710MHz		11420	46.27	-27.73	74	52.34	39.06	10.65	55.78	400	0	P	H	
		17130	55.11	-13.09	68.2	60.59	38	12.53	56.01	400	0	P	H	
													H	
													H	
			11420	46.89	-27.11	74	52.96	39.06	10.65	55.78	100	0	P	V
			17130	63.81	-4.39	68.2	69.29	38	12.53	56.01	332	353	P	V
														V
													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)

Table with 14 columns: WIFI Ant. 7+3, 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). Rows include frequencies from 5451.79 to 5870.2 MHz with various level and limit values.

Remark

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



**Band 3 - Straddle Channel
WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 7+3	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 138 5690MHz		11380	45.85	-28.15	74	51.94	39.06	10.63	55.78	100	0	P	H	
		17070	51.43	-16.77	68.2	56.81	38.03	12.49	55.9	100	0	P	H	
													H	
													H	
			11380	46.4	-27.6	74	52.49	39.06	10.63	55.78	100	0	P	V
			17070	57.69	-10.51	68.2	63.07	38.03	12.49	55.9	100	0	P	V
														V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission above 18GHz

WIFI 802.11ax HE80 Full (SHF @ 1m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE80 Full SHF		35578	45.43	-22.77	68.2	63.68	41.99	-1.27	58.97	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			35622	45.82	-22.38	68.2	63.93	42.09	-1.25	58.95	150	0	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

WIFI 802.11ax HE80 Full (LF @ 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.		
7+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ax HE80 Full LF		30	24.6	-15.4	40	29.63	24.57	2.62	32.22	-	-	P	H	
		91.11	20.35	-23.15	43.5	36.62	14.75	1.22	32.24	-	-	P	H	
		120.21	19.72	-23.78	43.5	33.07	17.5	1.39	32.24	-	-	P	H	
		657.59	27.52	-18.48	46	31.18	26.03	2.6	32.29	-	-	P	H	
		841.89	31.33	-14.67	46	31.17	28.48	2.89	31.21	-	-	P	H	
		954.41	32.87	-13.13	46	30.24	30.51	2.89	30.77	100	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			30.97	24.46	-15.54	40	30.37	23.85	2.47	32.23	-	-	P	V
			91.11	24.39	-19.11	43.5	40.66	14.75	1.22	32.24	-	-	P	V
			120.21	25.7	-17.8	43.5	39.05	17.5	1.39	32.24	-	-	P	V
			638.19	27.49	-18.51	46	31.24	26.03	2.61	32.39	-	-	P	V
			773.02	29.81	-16.19	46	30.82	27.78	2.74	31.53	-	-	P	V
			955.38	33.02	-12.98	46	30.33	30.56	2.89	30.76	100	0	P	V
														V
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



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	Peak or Average
H/V	Horizontal or Vertical



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.	
1		(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 :	Daniel Lee, Jacky Hong and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	40~60%

Note symbol

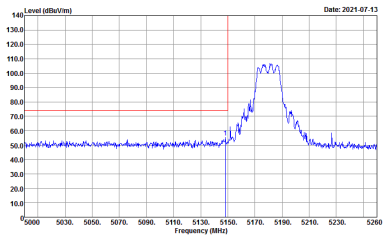
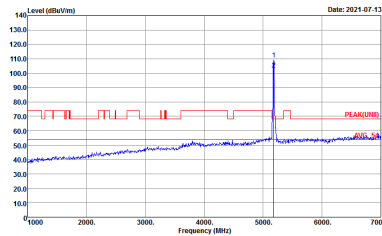
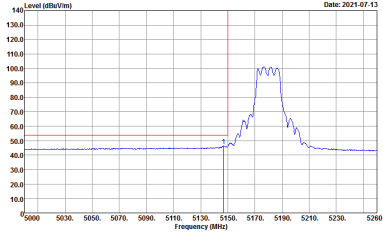
-L	Low channel location
-R	High channel location



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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(FUND) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

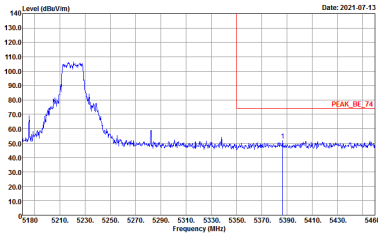
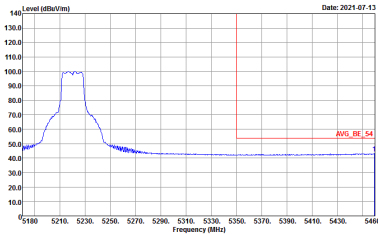


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
7+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

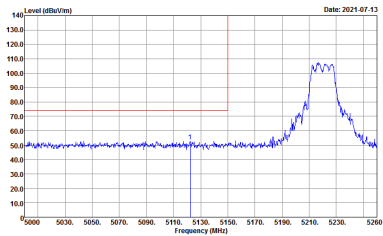
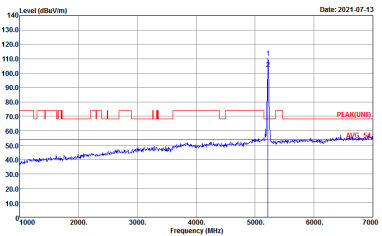
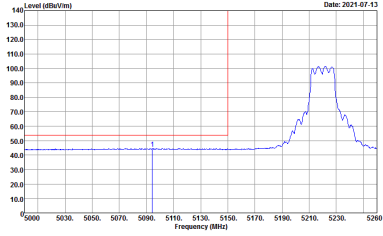


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

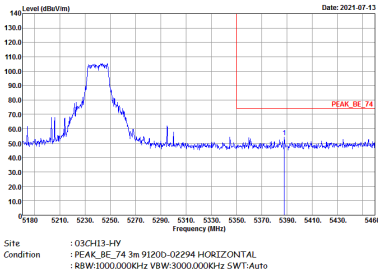
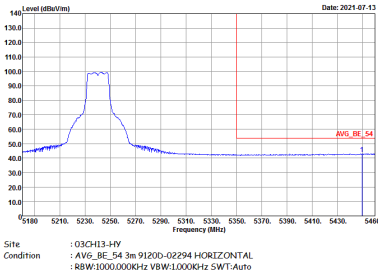


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
7+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

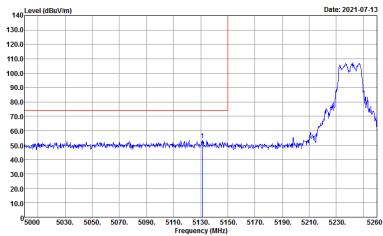
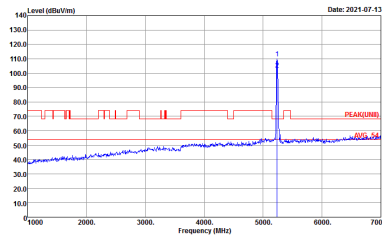
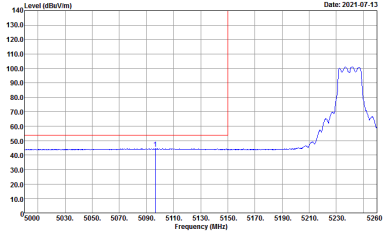


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



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



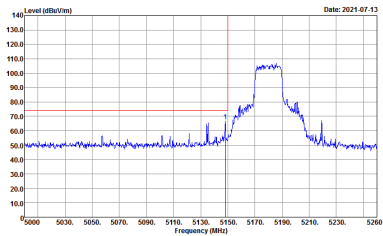
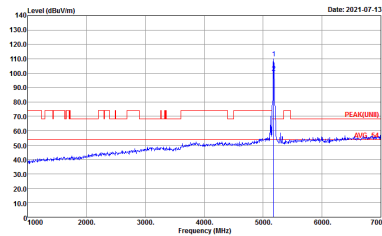
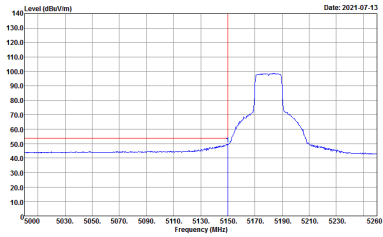
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



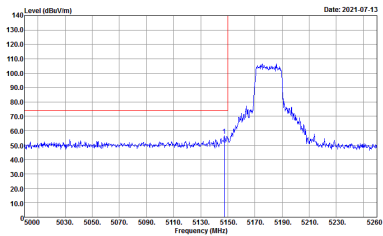
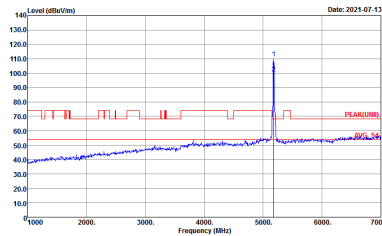
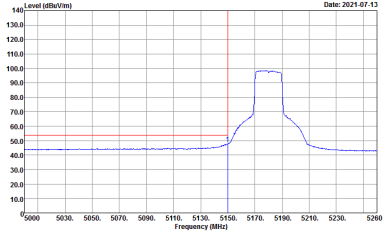
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
7+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



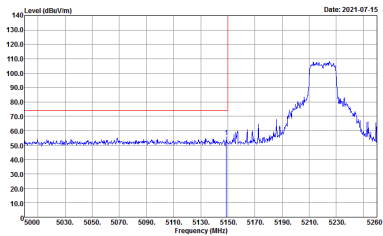
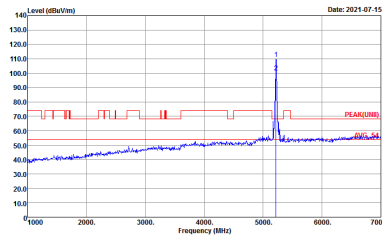
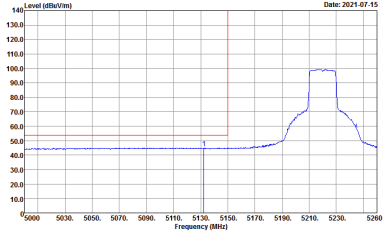
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Date: 2021-07-13</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2021-07-13</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Date: 2021-07-13</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

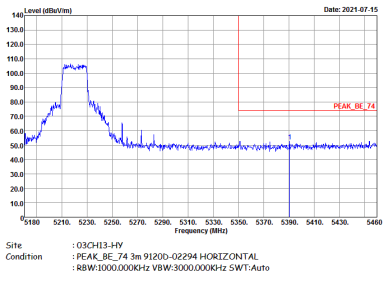
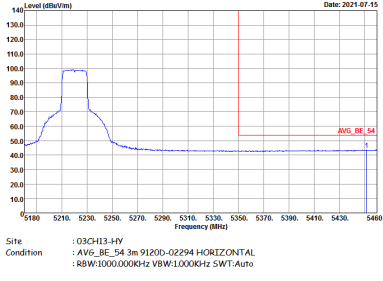


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

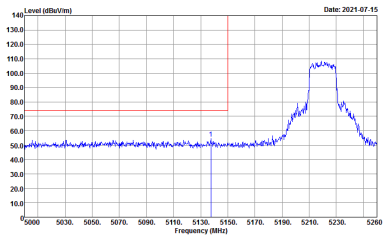
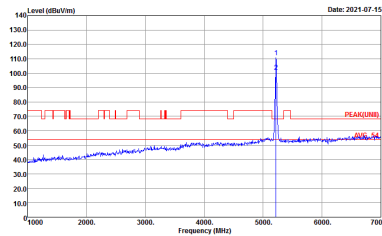
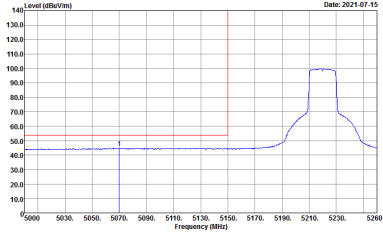


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

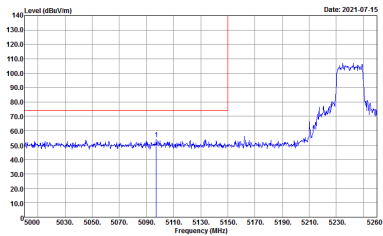
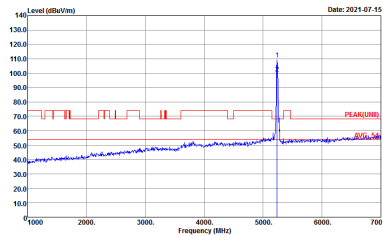
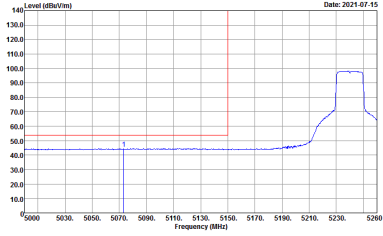


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

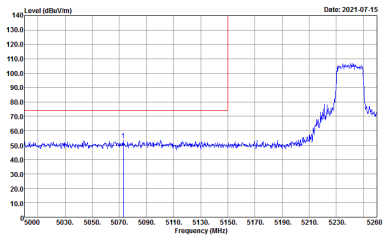
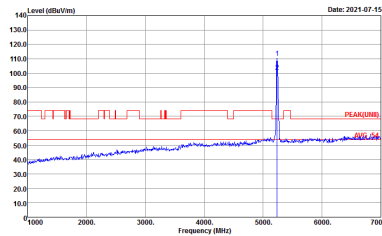
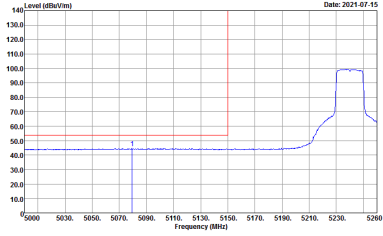


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



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



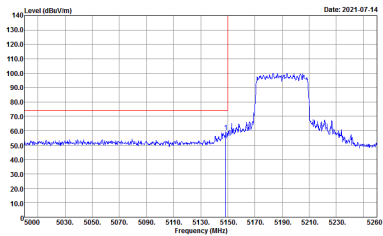
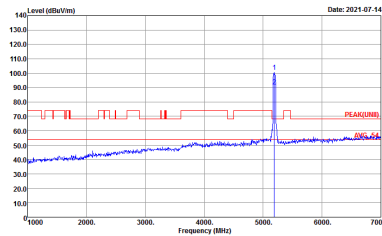
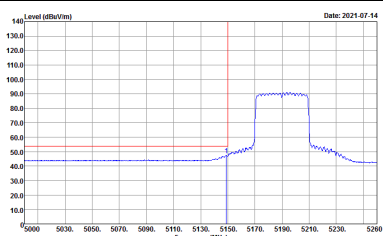
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



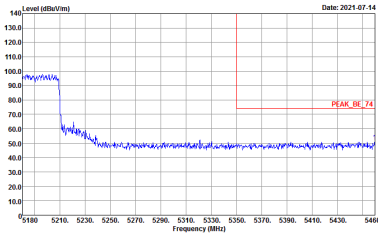
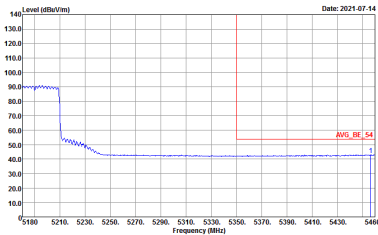
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:10000KHz SWT:Auto</p>	Left blank



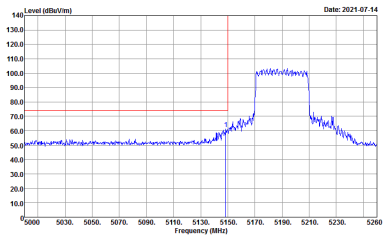
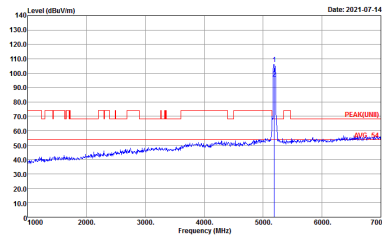
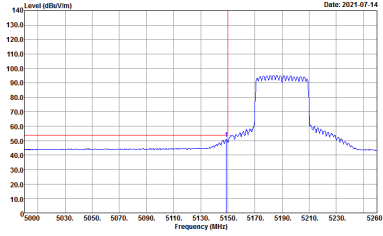
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Date: 2021-07-14</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2021-07-14</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2021-07-14</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

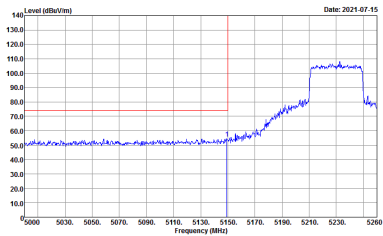
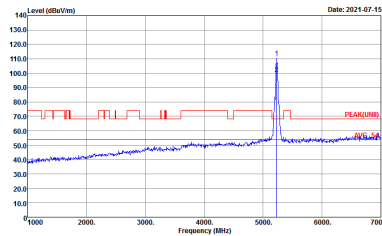
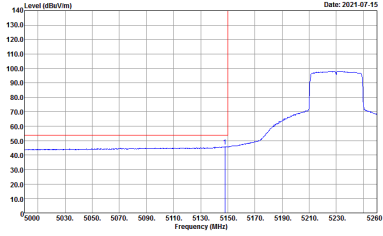


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

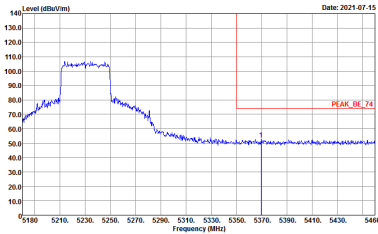
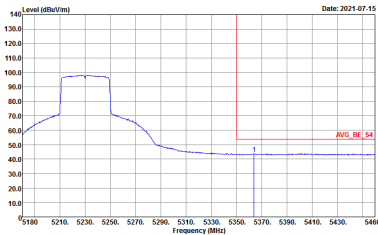


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



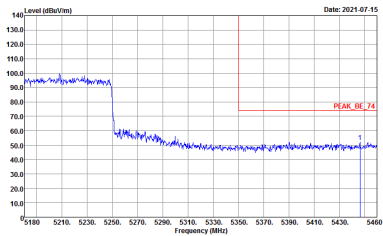
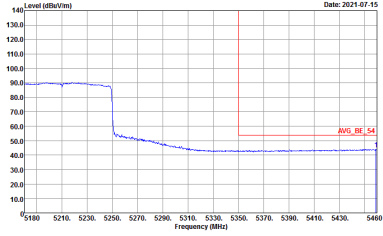
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



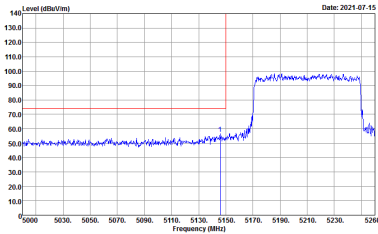
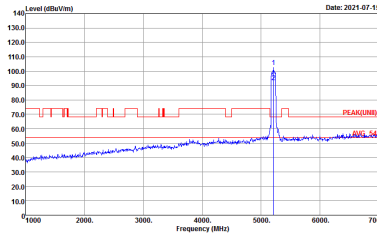
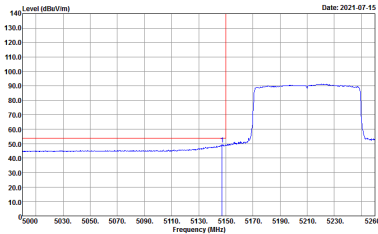
Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



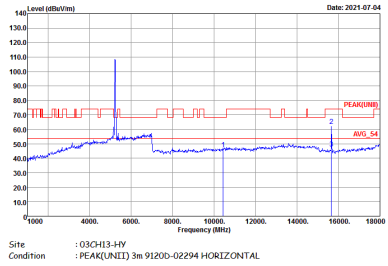
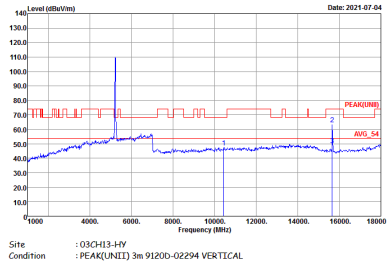
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
7+3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



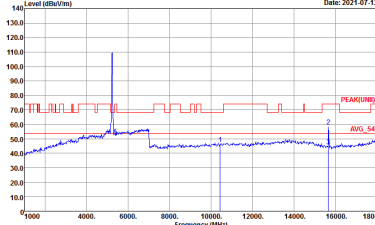
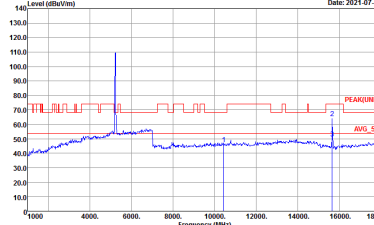
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
7+3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



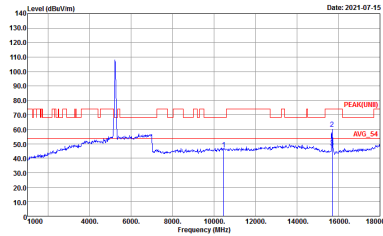
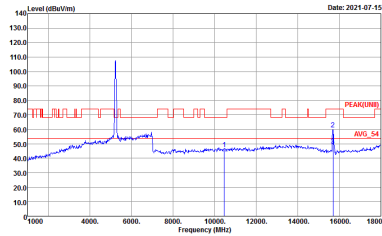
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



**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	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 VERTICAL</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
7+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>

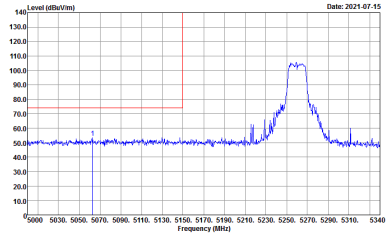
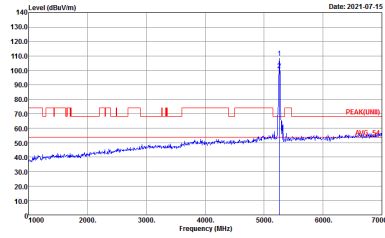
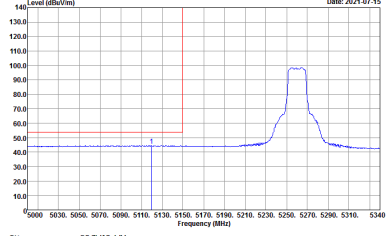


**Band 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-44Y Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH12-44Y Condition : PEAK(UNII) 3m 91200-02294 VERTICAL</p>



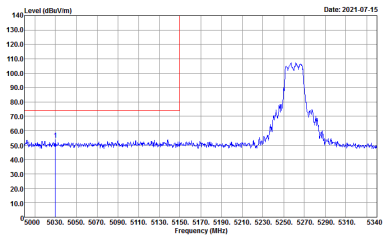
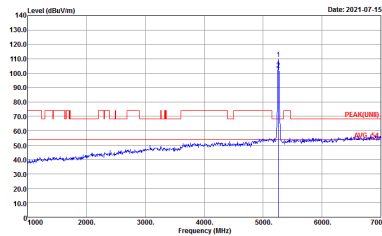
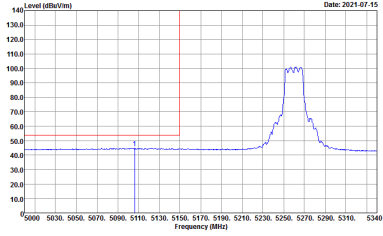
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(FUND) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

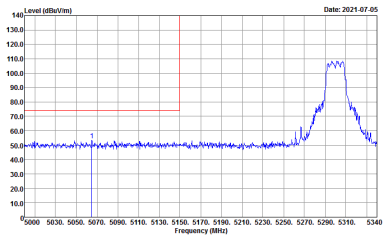
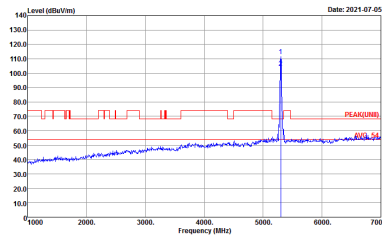
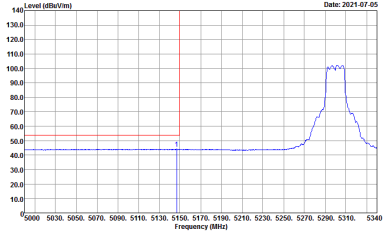


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

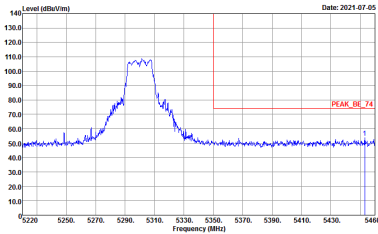
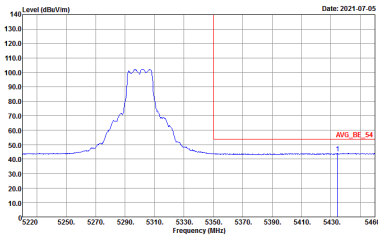


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto</p>	<p>Left blank</p>

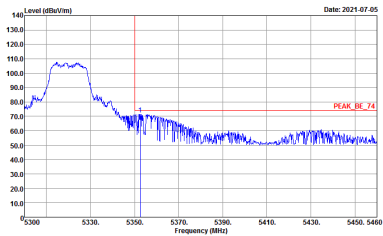
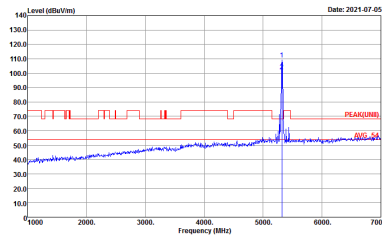
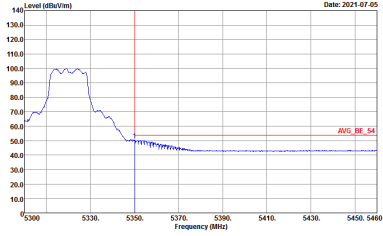


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

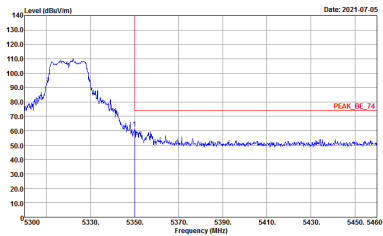
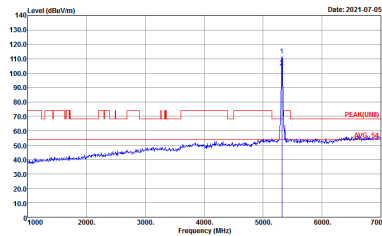
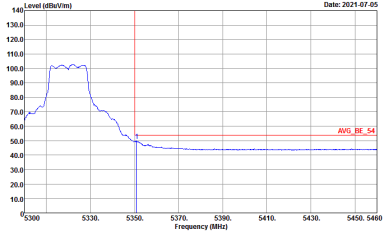


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



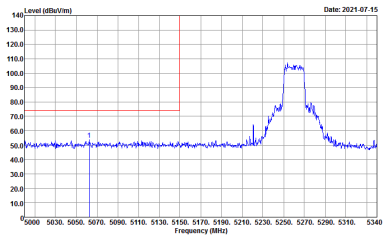
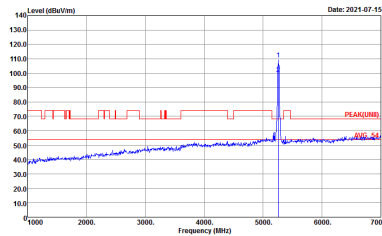
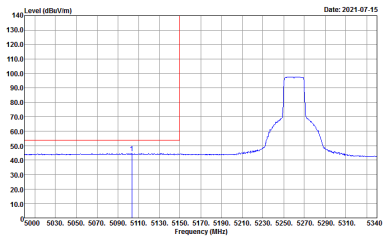
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	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	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

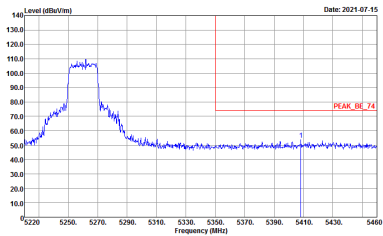
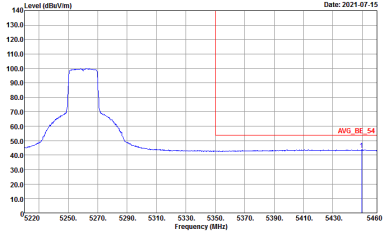


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
7+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

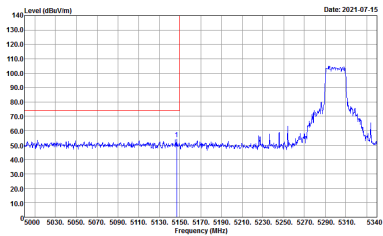
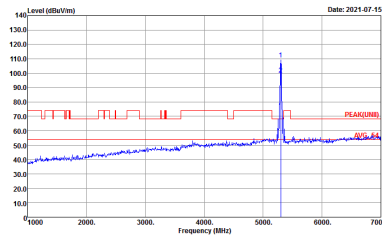
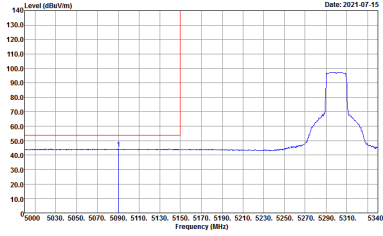


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 9120D-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(FUNTI) 3m 9120D-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m 9120D-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

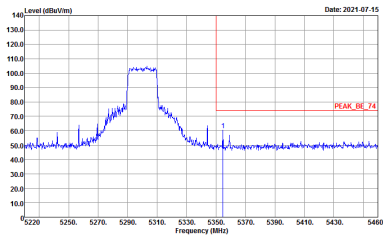
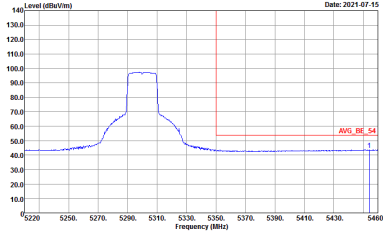


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

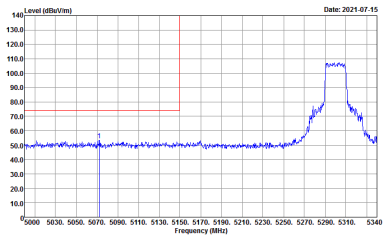
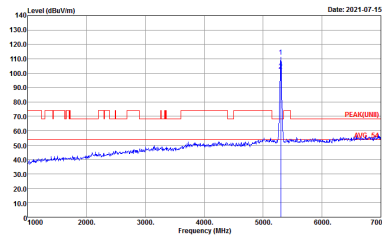
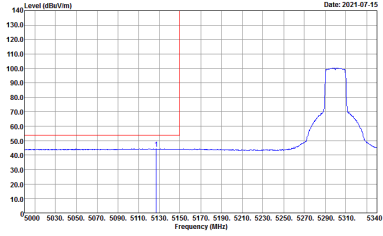


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 9120D-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 9120D-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 9120D-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

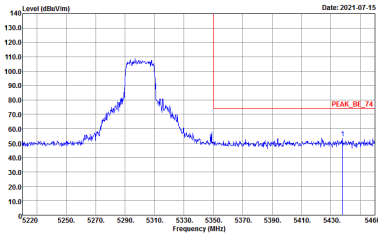
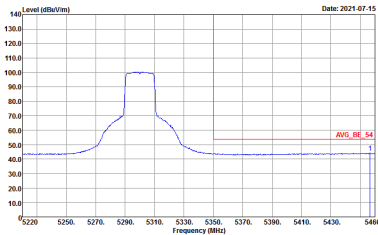


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

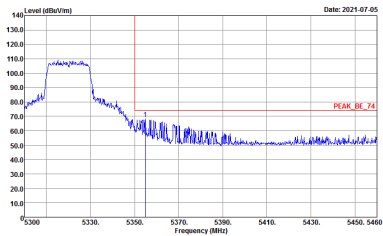
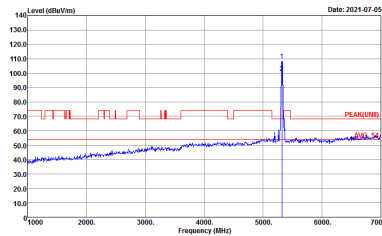
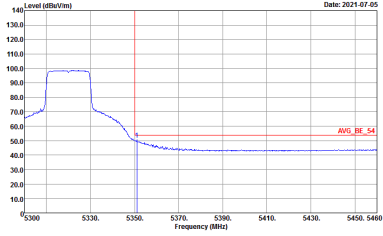


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

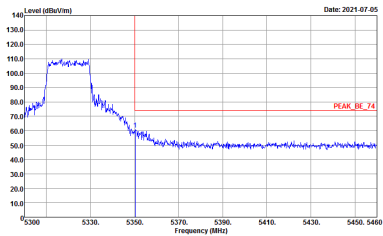
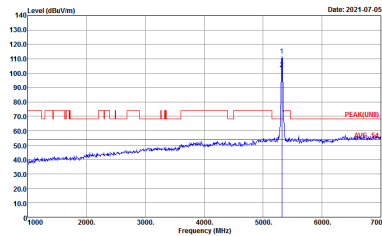
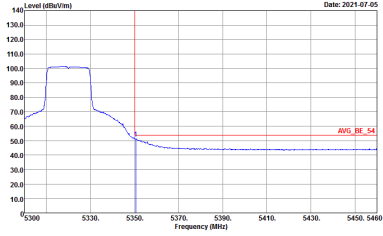


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



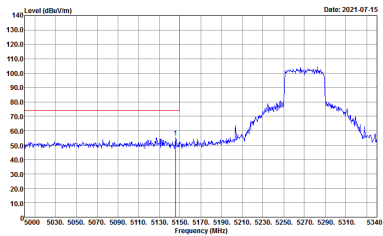
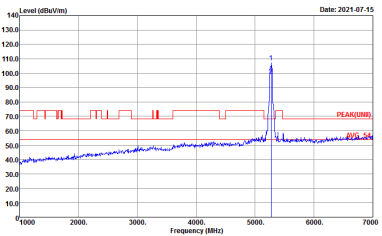
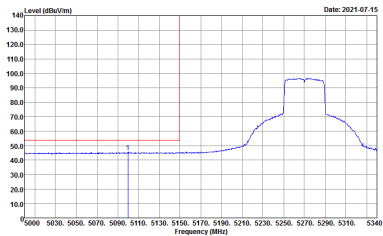
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



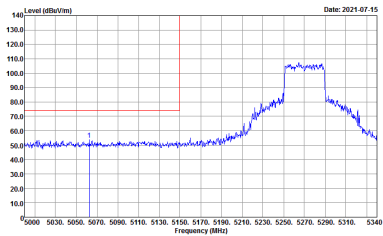
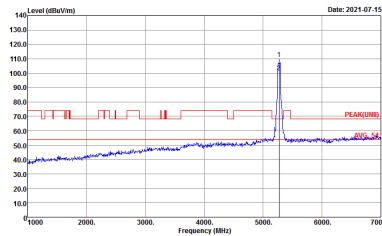
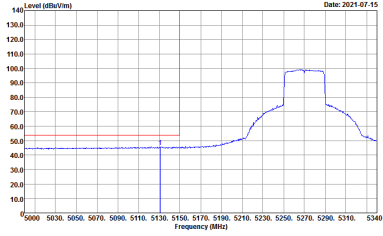
Band 2 - 5250~5350MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

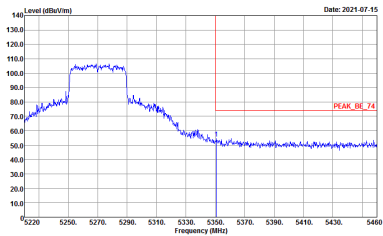
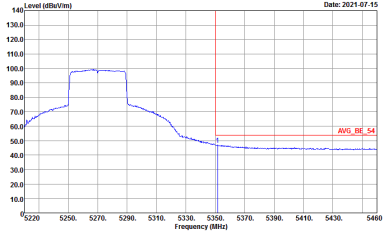


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
7+3	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>

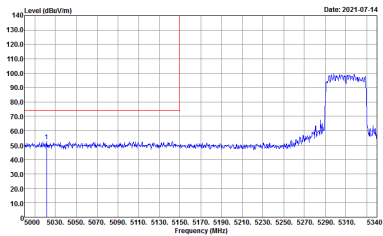
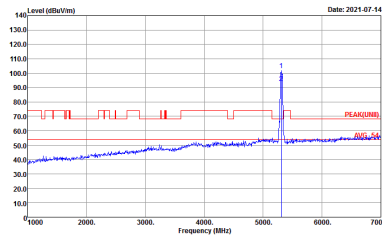
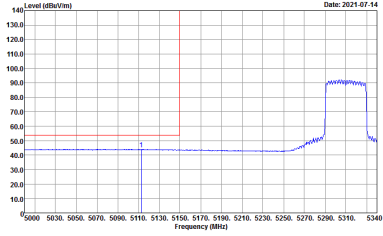


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
7+3	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>

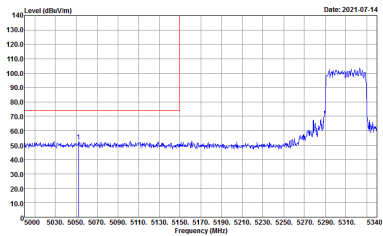
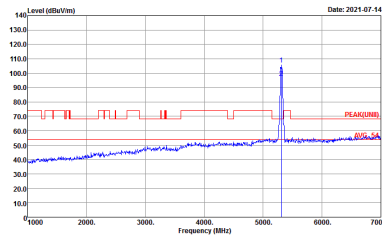
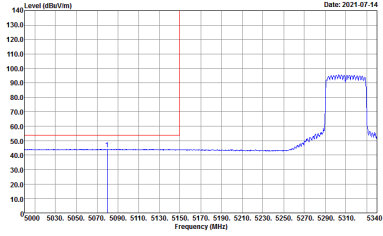


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
7+3	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



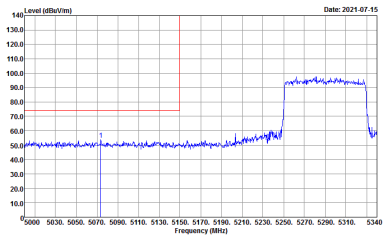
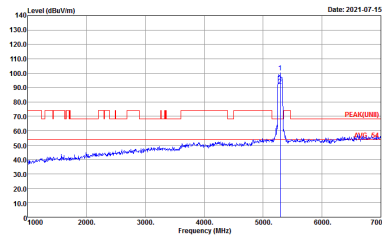
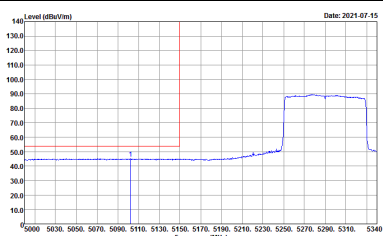
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(FUND) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



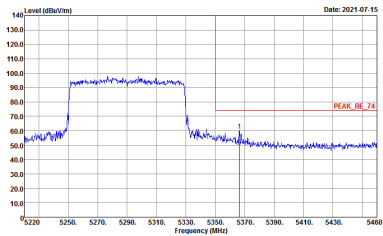
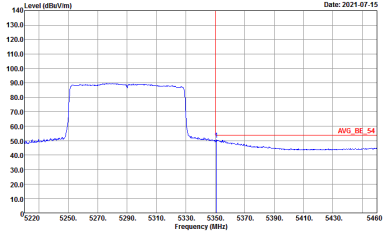
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
7+3	Vertical	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



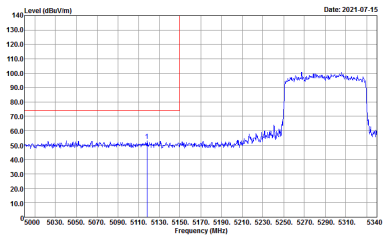
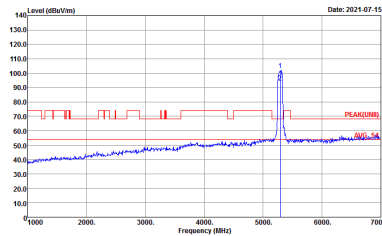
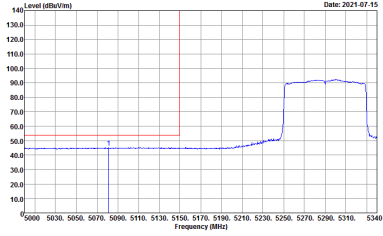
Band 2 5250~5350MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
7+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

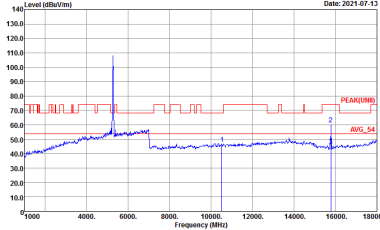
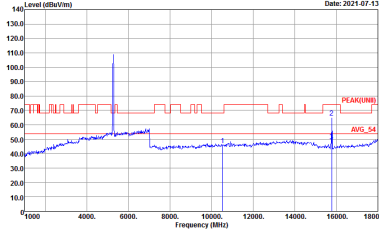


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
7+3	Vertical	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>



Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
7+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



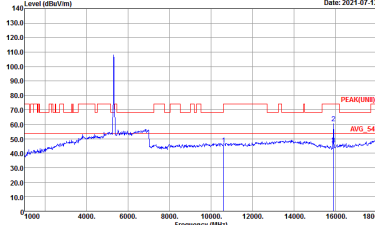
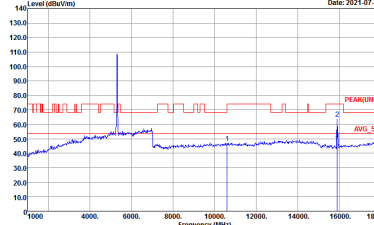
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



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

Table with 4 columns: WIFI, ANT, 7+3, and two measurement plots (Horizontal and Vertical). The plots show Level (dBuV/m) vs Frequency (MHz) with Peak and Avg. markers.



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
7+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



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

Table with 4 columns: WIFI, ANT, 7+3, and two measurement plots (Horizontal and Vertical). The plots show Level (dBuV/m) vs Frequency (MHz) with Peak and Avg. markers.



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH62 5310	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



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

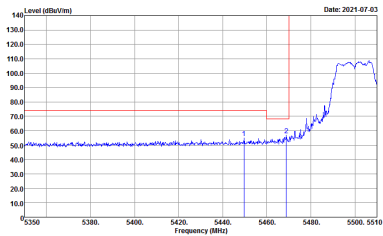
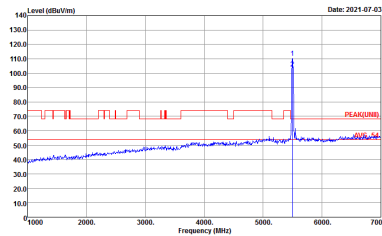
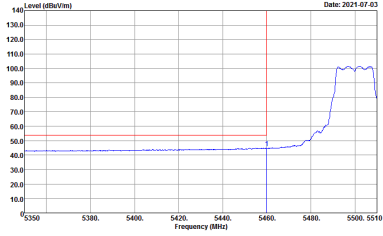
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 VERTICAL</p>



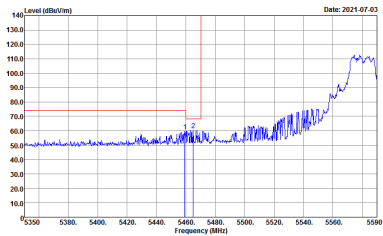
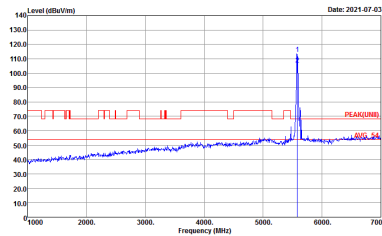
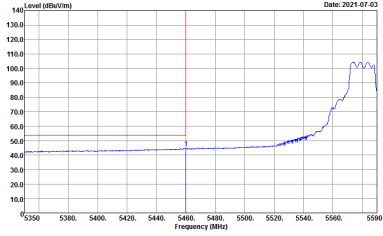
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

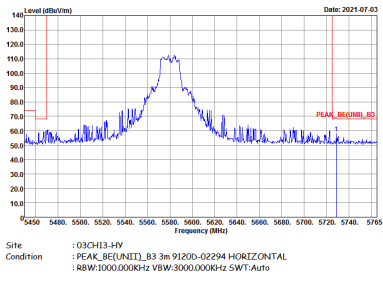


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
7+3	Vertical	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Peak. The plot shows a signal level rising from approximately 50 dBuV/m at 5470 MHz to about 110 dBuV/m at 5500 MHz. A red vertical line is positioned at 5470 MHz. The date is 2021-07-03.</p> <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a signal level rising from approximately 50 dBuV/m at 5470 MHz to about 110 dBuV/m at 5500 MHz. A red vertical line is positioned at 5470 MHz. The date is 2021-07-03.</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot for Vertical Avg. The plot shows a signal level rising from approximately 50 dBuV/m at 5470 MHz to about 110 dBuV/m at 5500 MHz. A red vertical line is positioned at 5470 MHz. The date is 2021-07-03.</p> <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

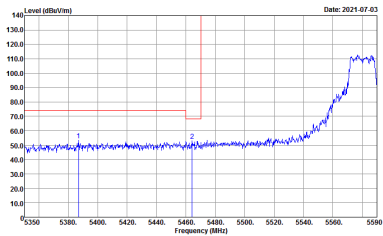
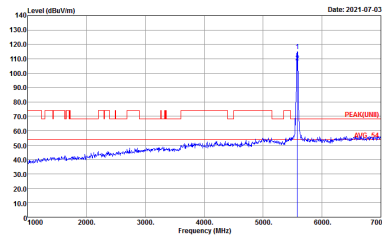
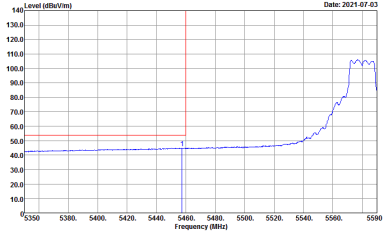


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

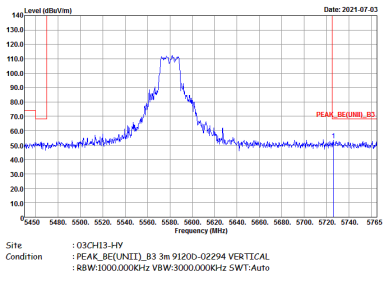


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 09CH13-HV Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
7+3	Vertical	Fundamental
Peak	 <p>Date: 2021-07-03</p> <p>Site : 09CH13-HV Condition : PEAK_BEG(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



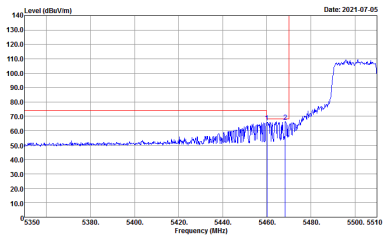
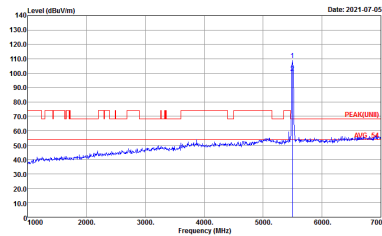
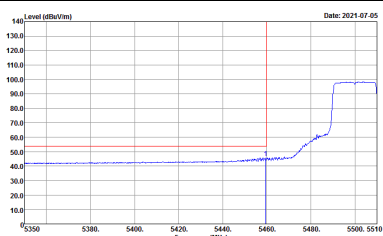
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : -PEAK_BE[UNIT]_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : -PEAK[LINE] 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



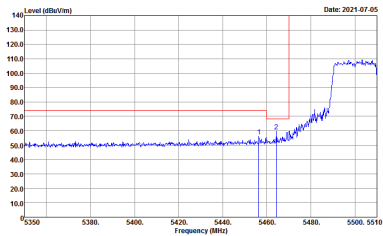
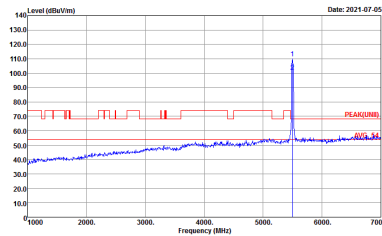
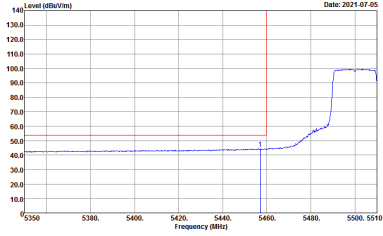
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BEG(UNI)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNI) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



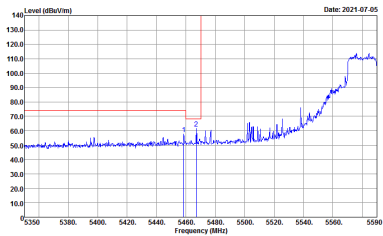
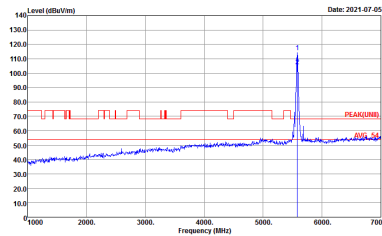
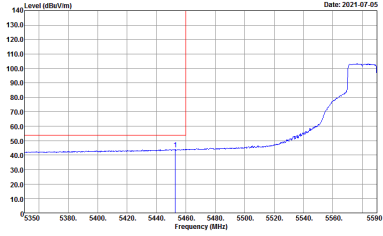
Band 3 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
7+3	Horizontal	Fundamental
Peak	 <p>Date: 2021-07-05</p> <p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2021-07-05</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2021-07-05</p> <p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - L	
7+3	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

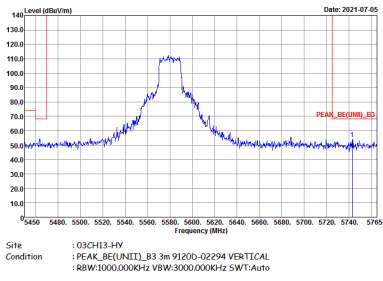


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank

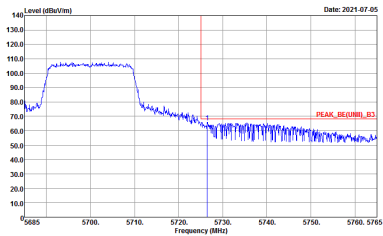
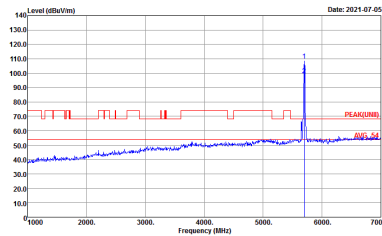


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - L	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

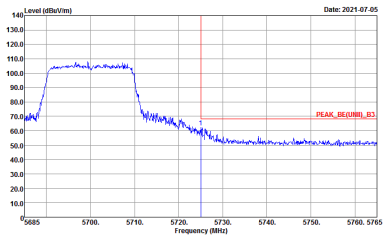
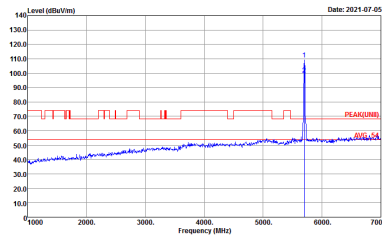


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - R	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



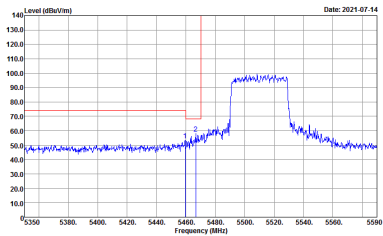
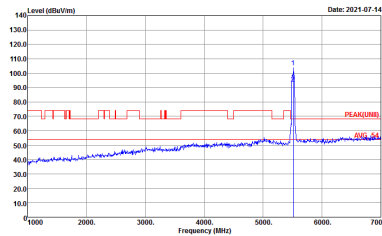
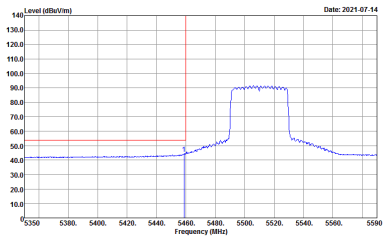
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE[UNIT]_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK[LINE] 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



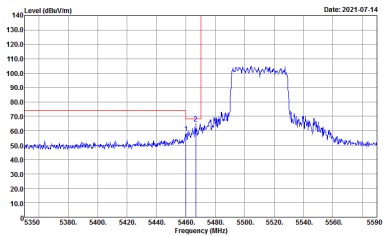
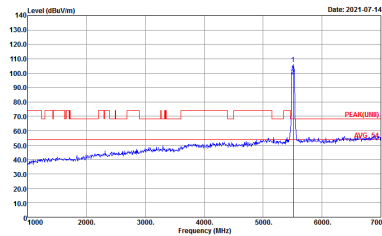
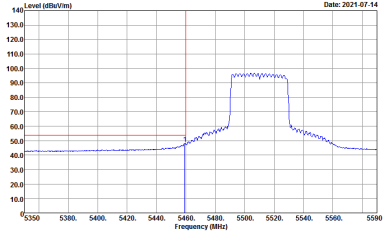
Band 3 - 5470~5725MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Level (dBm/100MHz) vs Frequency (MHz)</p> <p>Site : 03CH13-HY Condition : AVG_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

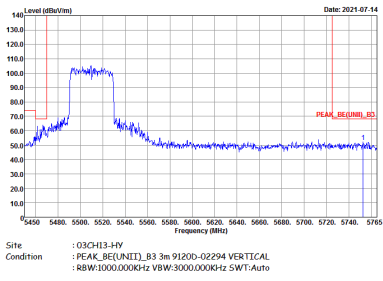


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 09CH13-HV Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank

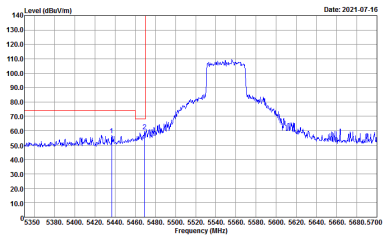
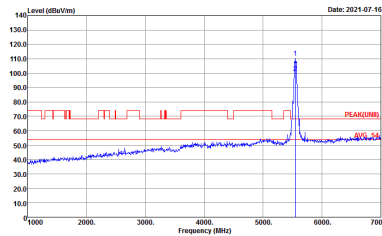
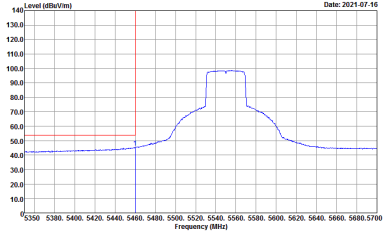


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

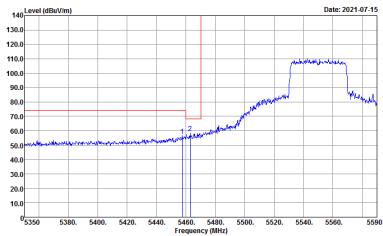
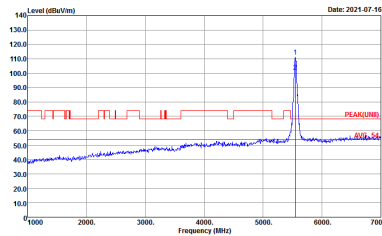
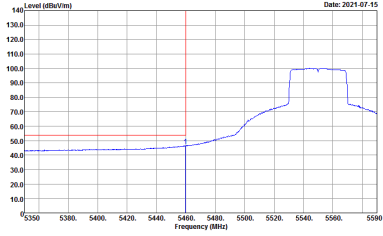


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

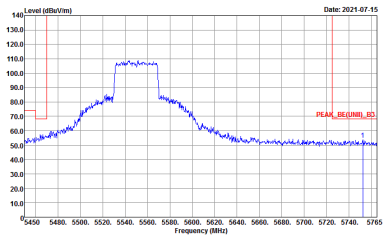


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 09CH13-HV Condition : :PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank

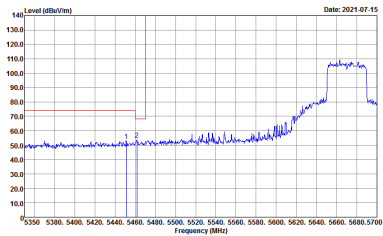
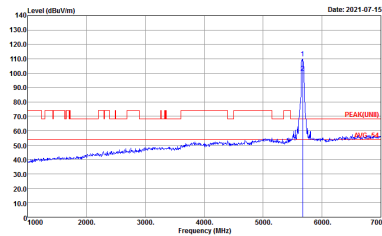
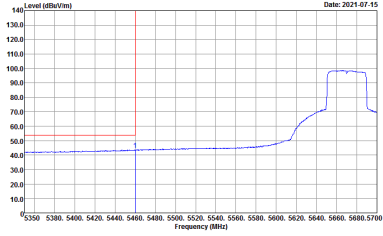


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

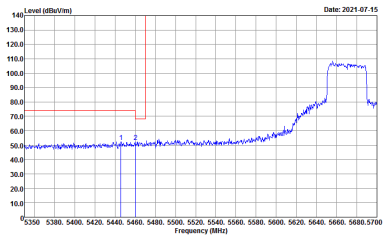
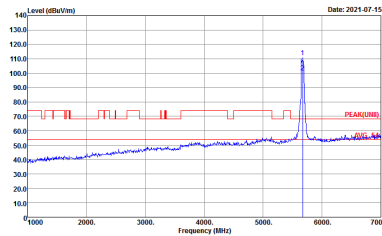
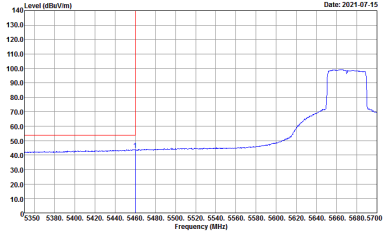


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 09CH13-HV Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Date: 2021-07-15</p>	Left blank



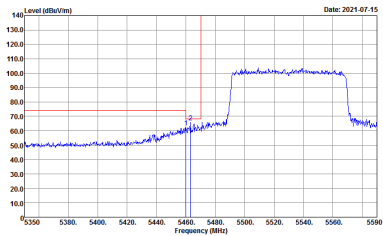
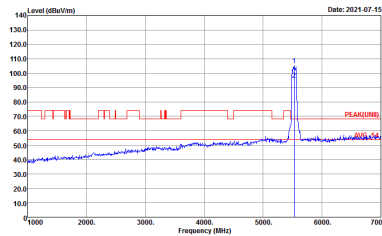
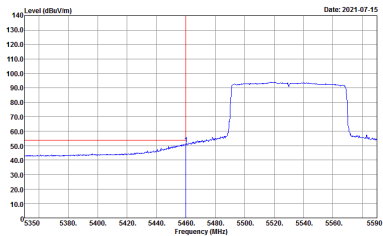
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 09CH13-HV Condition : PEAK_SE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



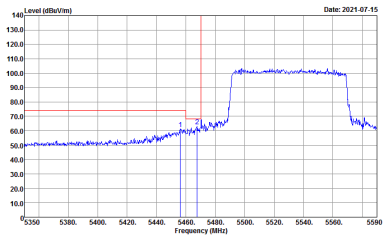
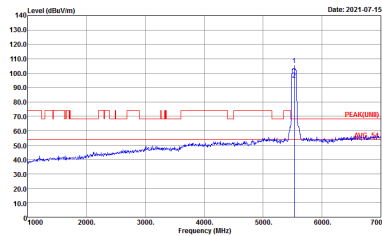
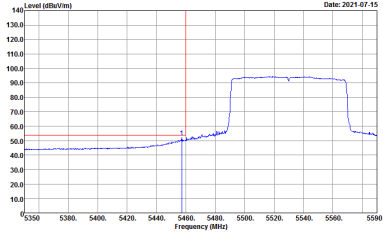
**Band 3 5470~5725MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

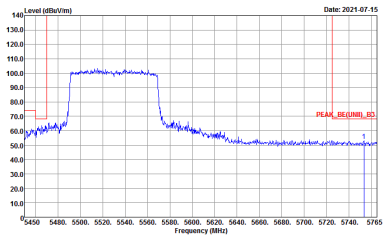


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_B0(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank

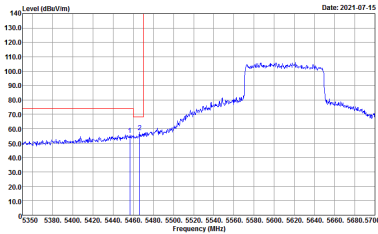
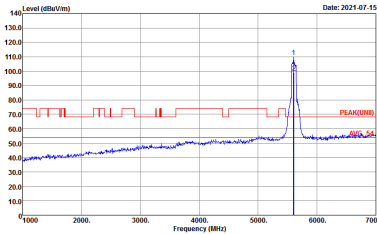
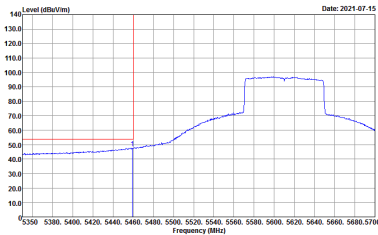


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

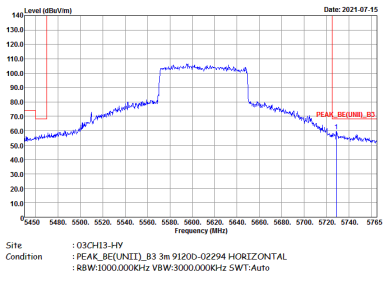


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz - R	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

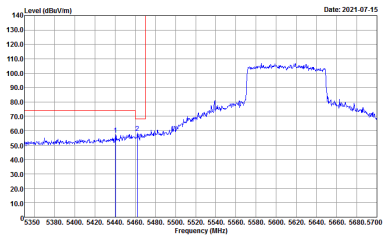
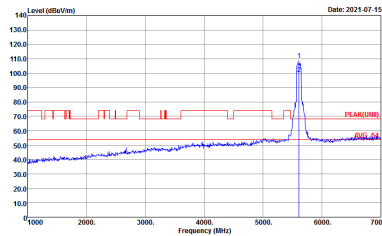
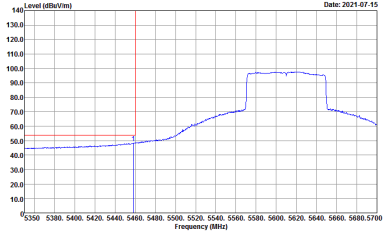


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - R	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 09CH13-HV Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

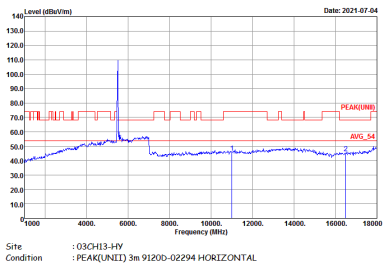
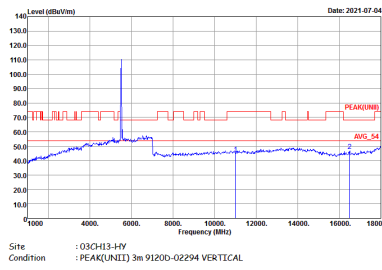


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 09CH13-HV Condition : PEAK_BC(UNIT)_B3 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

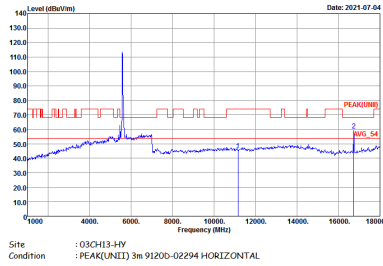
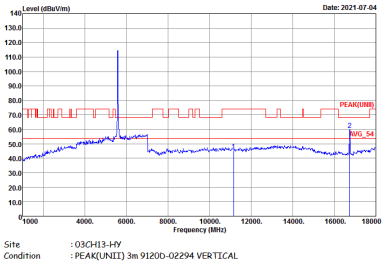


Band 3 - 5470~5725MHz

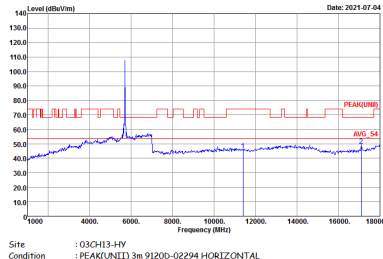
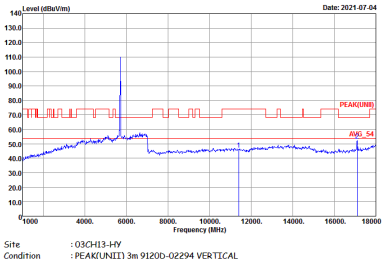
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
7+3	Horizontal	Vertical
Peak		
Avg.		



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
7+3	Horizontal	Vertical
Peak		
Avg.		



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
7+3	Horizontal	Vertical
Peak Avg.	 <p>Site : :03CH13-HY Condition : :PEAK(UWB) 3m 91200-02294 HORIZONTAL</p>	 <p>Site : :03CH13-HY Condition : :PEAK(UWB) 3m 91200-02294 VERTICAL</p>



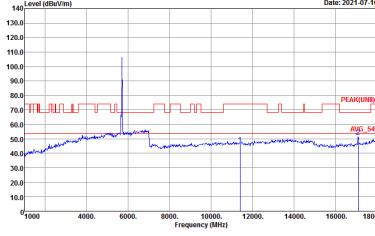
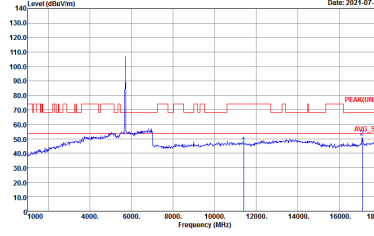
Band 3 5470~5725MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

Table with 3 columns: WIFI, ANT, 7+3. It contains two spectral plots: Horizontal and Vertical. Each plot shows Level (dBuV/m) vs Frequency (MHz) with Peak and Avg. markers.



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz	
7+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>		



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
7+3	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



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

Table with 2 columns: Horizontal and Vertical. Rows include WIFI, ANT, 7+3, and Peak Avg. Each cell contains a spectral plot showing Level (dBuV/m) vs Frequency (MHz) with peak and average markers.



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz	
7+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>



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

Table with 4 columns: WIFI, ANT, 7+3, and two measurement plots (Horizontal and Vertical). The plots show Level (dBuV/m) vs Frequency (MHz) with Peak and Avg. markers.



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz	
7+3	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>		