FCC RADIO TEST REPORT

FCC ID	:	**2AYZN-5272**
Equipment	:	**Digital Media Receiver**
Model Name	:	**K2R2TE**
Applicant	:	**Getchellite LLC** **125 Cambridge Park Drive** **Cambridge, MA 02140**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 08, 2021 and testing was started from Apr. 20, 2021 and completed on May 05, 2021. We, Sporton International Inc. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR120202-01D	01	Initial issue of report	Jun. 22, 2021
FR120202-01D	02	1. Add the description in section 2.2 2. Revise typo in section 1.2	Jun. 30, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.403(i)	26dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Reporting only
3.2	15.407(a)	Maximum Conducted Output Power	Pass
3.3	15.407(a)	Power Spectral Density	Pass
3.4	15.407(b)	Unwanted Emissions	Pass
3.5	15.207	AC Conducted Emission	Pass
3.6	15.407(c)	Automatically Discontinue Transmission	Pass
3.7	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: Alan Liu

Report Producer: Cindy Liu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	K2R2TE
FCC ID	2AYZN-5272
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE

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

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 Average Output Power to antenna	**MIMO <Ant. 0+1>:** **<5180 MHz ~ 5240 MHz>** 802.11a: 18.37 dBm / 0.0687 W 802.11n HT20: 18.67 dBm / 0.0736 W 802.11n HT40: 19.06 dBm / 0.0805 W 802.11ac VHT20: 18.62 dBm / 0.0728 W 802.11ac VHT40: 19.11 dBm / 0.0815 W 802.11ac VHT80: 15.26 dBm / 0.0336 W 802.11ax HE20: 18.77 dBm / 0.0753 W 802.11ax HE40: 19.16 dBm / 0.0824 W 802.11ax HE80: 15.56 dBm / 0.0360 W **<5260 MHz ~ 5320 MHz>** 802.11a: 18.36 dBm / 0.0685 W 802.11n HT20: 18.36 dBm / 0.0685 W 802.11n HT40: 19.21 dBm / 0.0834 W 802.11ac VHT20: 18.31 dBm / 0.0678 W 802.11ac VHT40: 19.26 dBm / 0.0843 W 802.11ac VHT80: 15.91 dBm / 0.0390 W 802.11ax HE20: 18.56 dBm / 0.0718 W 802.11ax HE40: 19.36 dBm / 0.0863 W 802.11ax HE80: 16.11 dBm / 0.0408 W

<table>
<tr><th colspan="2">Product Specification subjective to this standard</th></tr>
<tr><td>Maximum Average Output Power to antenna</td><td><5500 MHz ~ 5720 MHz>
802.11a: 18.24 dBm / 0.0667 W
802.11n HT20: 18.23 dBm / 0.0665 W
802.11n HT40: 19.86 dBm / 0.0968 W
802.11ac VHT20: 18.18 dBm / 0.0658 W
802.11ac VHT40: 19.91 dBm / 0.0979 W
802.11ac VHT80: 19.31 dBm / 0.0853 W
802.11ax HE20: 18.27 dBm / 0.0671 W
802.11ax HE40: 20.16 dBm / 0.1038 W
802.11ax HE80: 19.56 dBm / 0.0904 W</td></tr>
<tr><td>99% Occupied Bandwidth</td><td>MIMO <Ant. 0>:
802.11a: 18.03 MHz
802.11ax HE20: 19.28 MHz
802.11ax HE40: 37.66 MHz
802.11ax HE80: 77.56 MHz
MIMO <Ant. 1>:
802.11a: 17.28 MHz
802.11ax HE20: 19.23 MHz
802.11ax HE40: 37.66 MHz
802.11ax HE80: 77.56 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5240 MHz>
<Ant. 0>: PCB Antenna with gain 6.2 dBi
<Ant. 1>: PCB Antenna with gain 4.9 dBi
<5260 MHz ~ 5320 MHz>
<Ant. 0>: PCB Antenna with gain 6.1 dBi
<Ant. 1>: PCB Antenna with gain 5.3 dBi
<5500 MHz ~ 5720 MHz>
<Ant. 0>: PCB Antenna with gain 6.2 dBi
<Ant. 1>: PCB Antenna with gain 5.2 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM)
802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
802.11ax : OFDM
(BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><th></th><th>Ant. 0</th><th>Ant. 1</th></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Remark:

1. MIMO Ant. 0+1 is a calculated result from sum of the power MIMO Ant. 0 and MIMO Ant. 1.
2. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

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.**
	TH02-HY, CO05-HY, 03CH07-HY, DFS02-HY

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

FCC designation No.: TW1190

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). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

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

2.1 Carrier Frequency and Channel

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

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

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

Frequency Band	Channel	Freq. (MHz)	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.

2.2 Test Mode

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**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + 4K 60Hz 10 bit + USB Cable (Charging from Adapter) + Ms.Ping V3 (2nd Factory) + TV: Sharp LC-50UA6800T + TV Resolution: 4K 60Hz

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

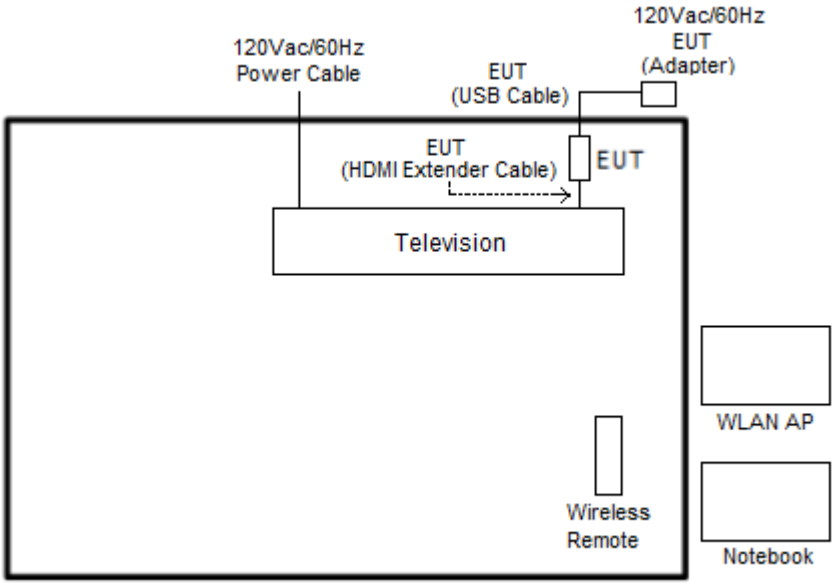
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

Remark:

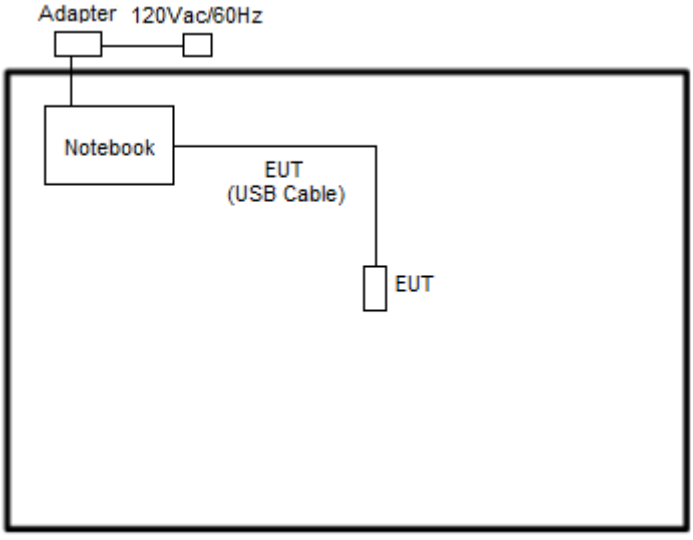
1. For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.
2. HE20 RU configurations were used for HE40 since the full/RU power are the same, and also HE40 was used for HE80.

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.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Television	Sharp	50UA6800T	FCC DoC	N/A	Unshielded,1.8m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Notebook	Dell	E3340	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility “Compliance Tool 1.0.1.4” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

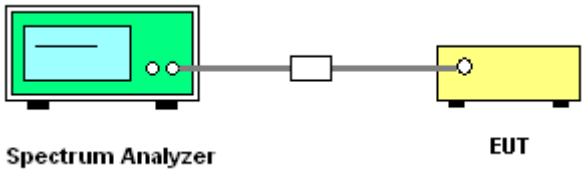
3.1.2 Measuring Instruments

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) ≥ 3 * RBW.
8. Measure and record the results in the test report.

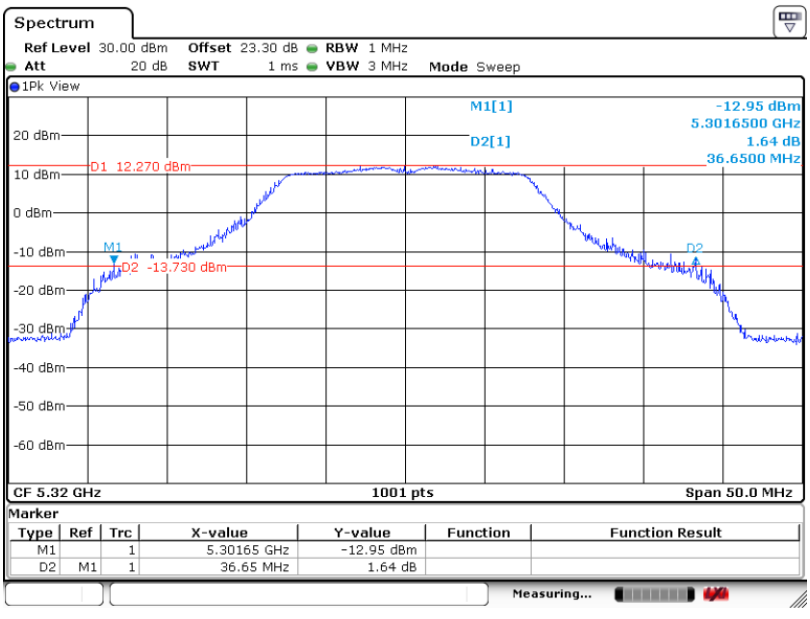
3.1.4 Test Setup



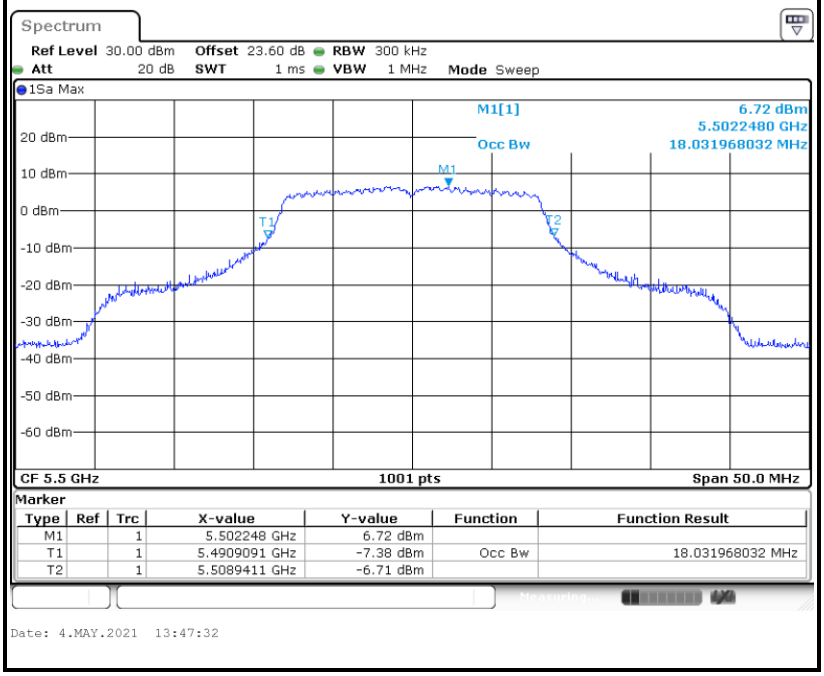
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



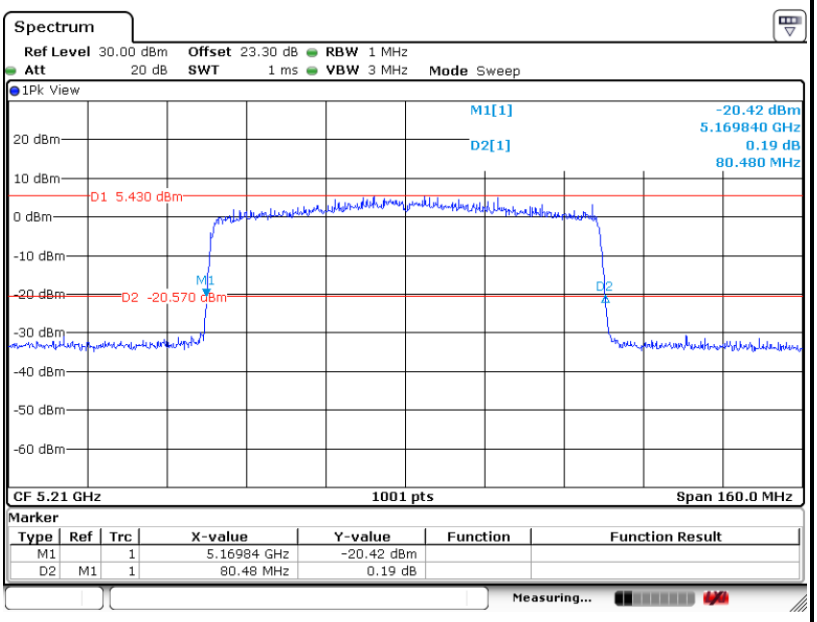
Maximum 99% Occupied Bandwidth



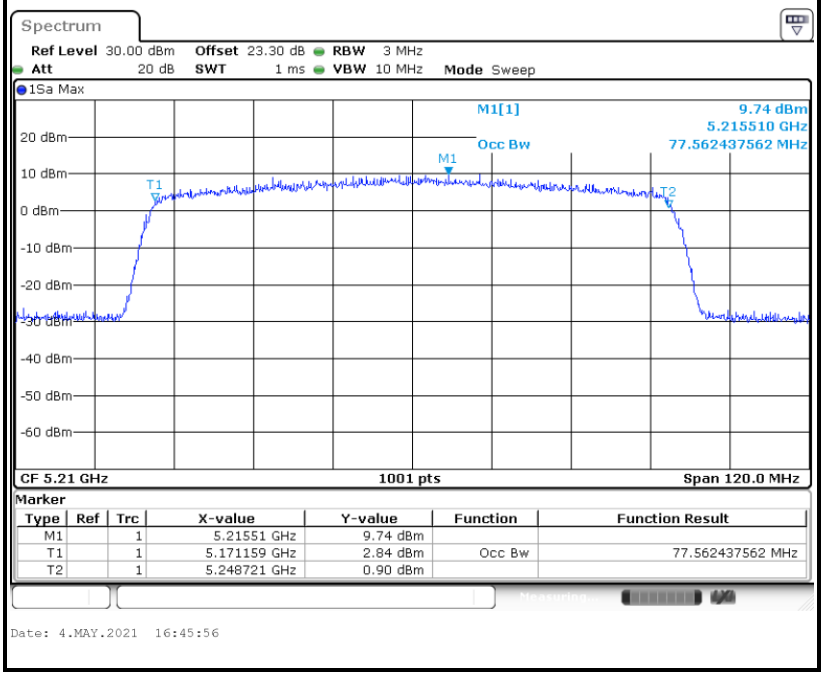
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<For 802.11ax Mode>

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

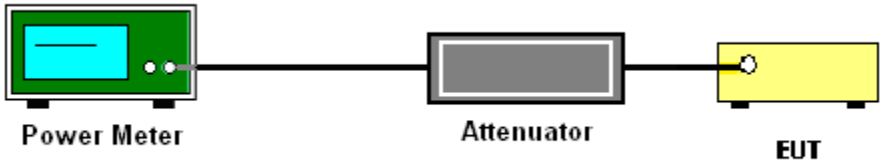
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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):

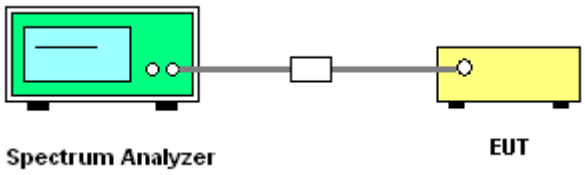
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which 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.

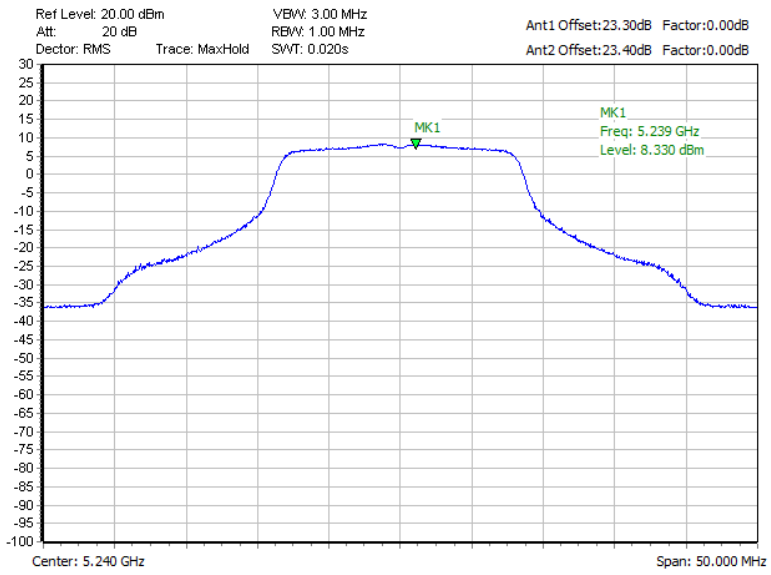
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

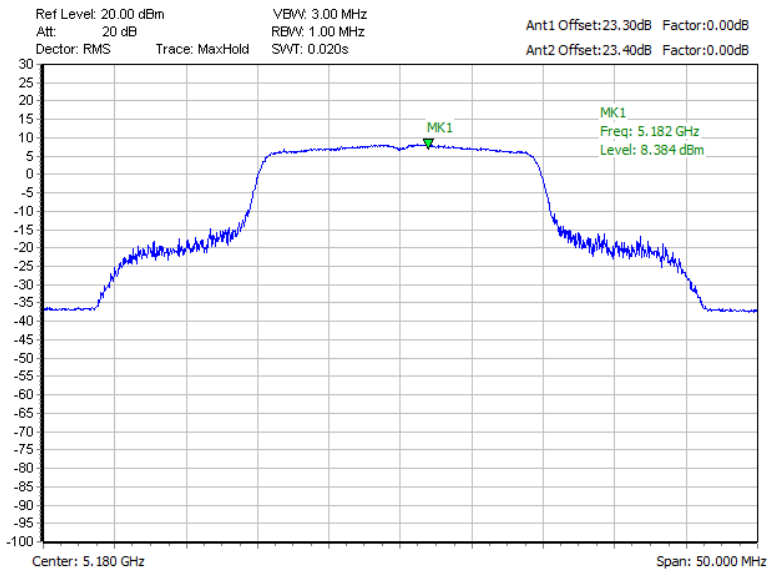
Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



<For 802.11ax Mode >

Worst Case Power Density (dBm/MHz)



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.

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

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

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

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

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

3.4.2 Measuring Instruments

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

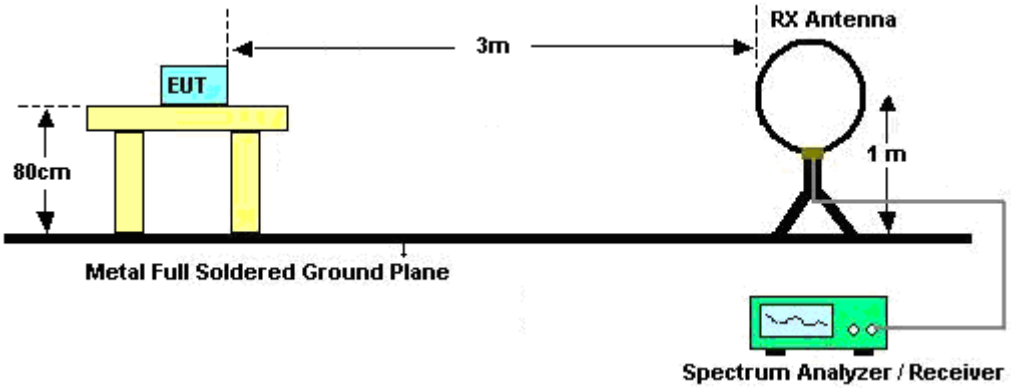
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

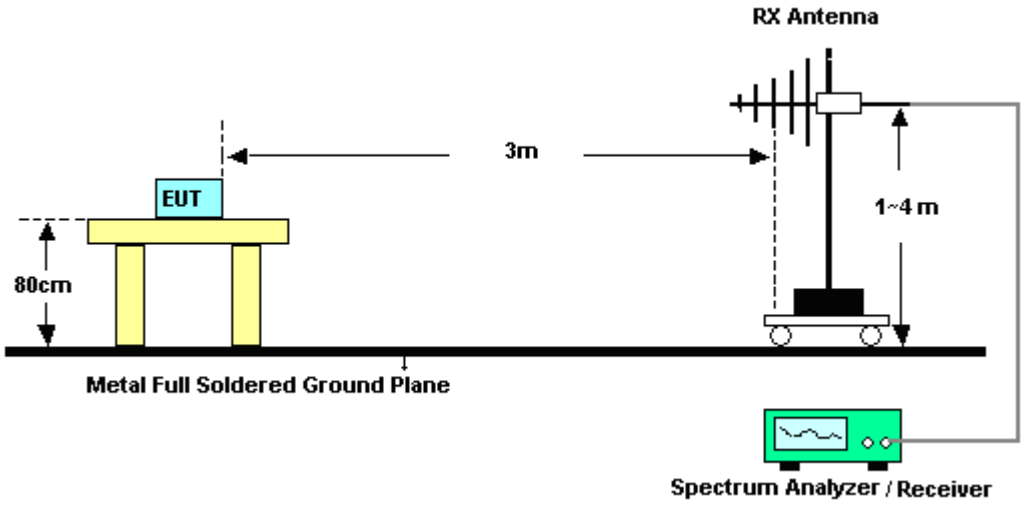
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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

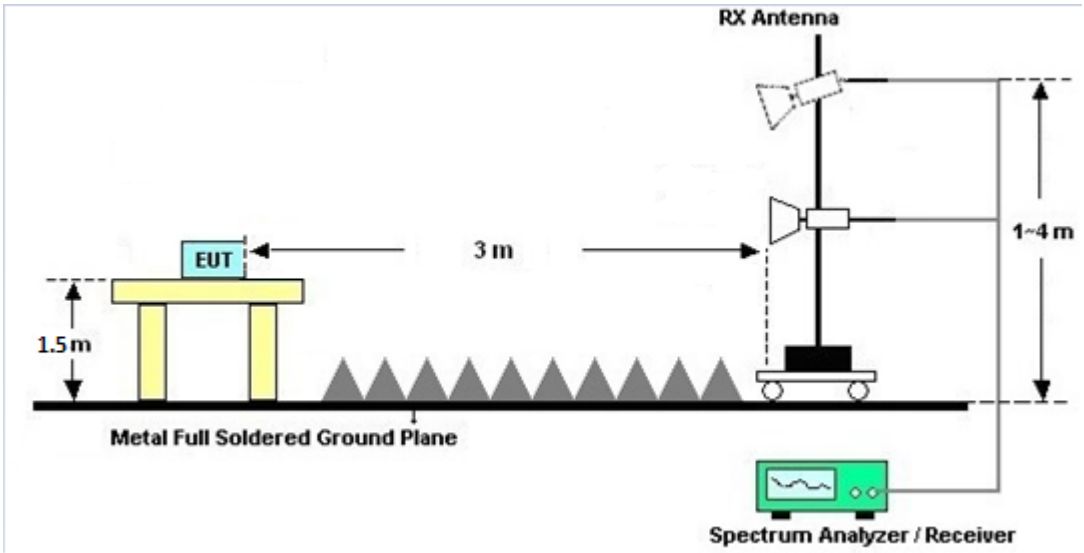
For radiated emissions below 30MHz



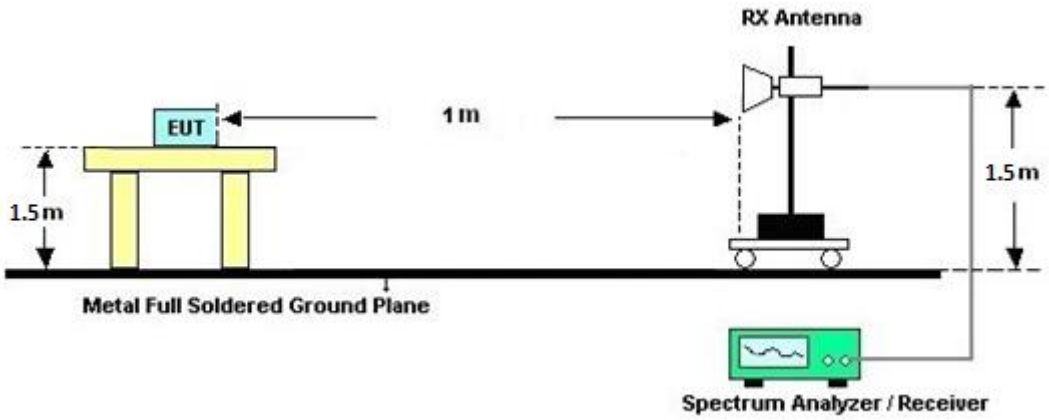
For radiated emissions from 30MHz to 1GHz



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.

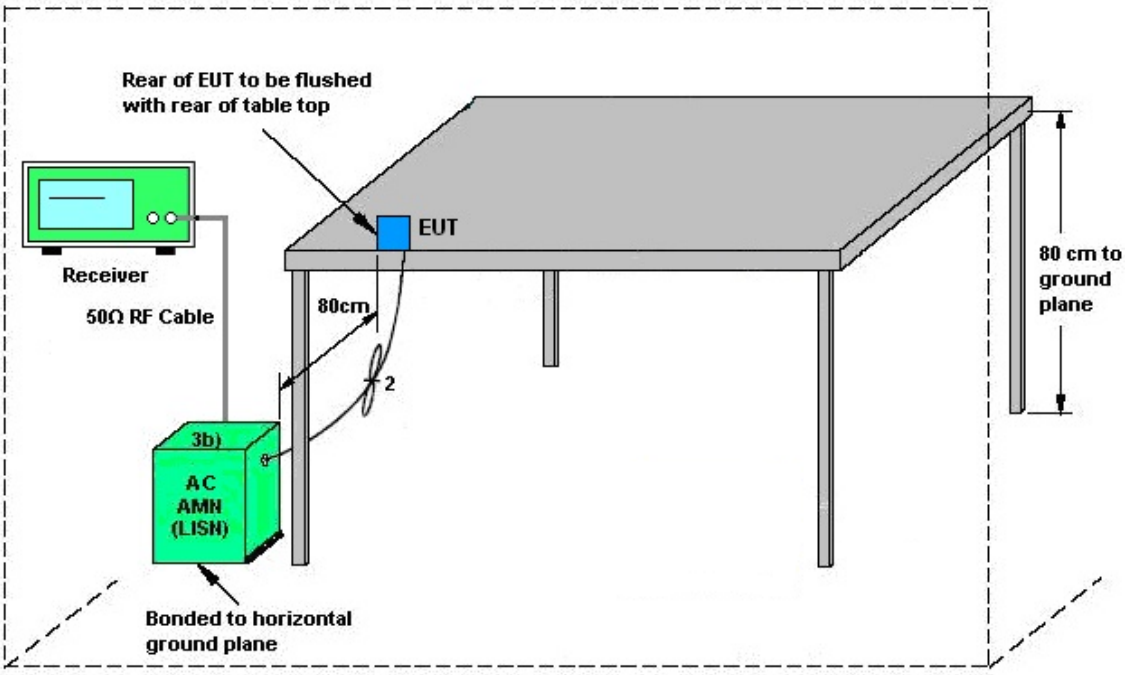
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

A. Information start: make EUT supply information to the access point.

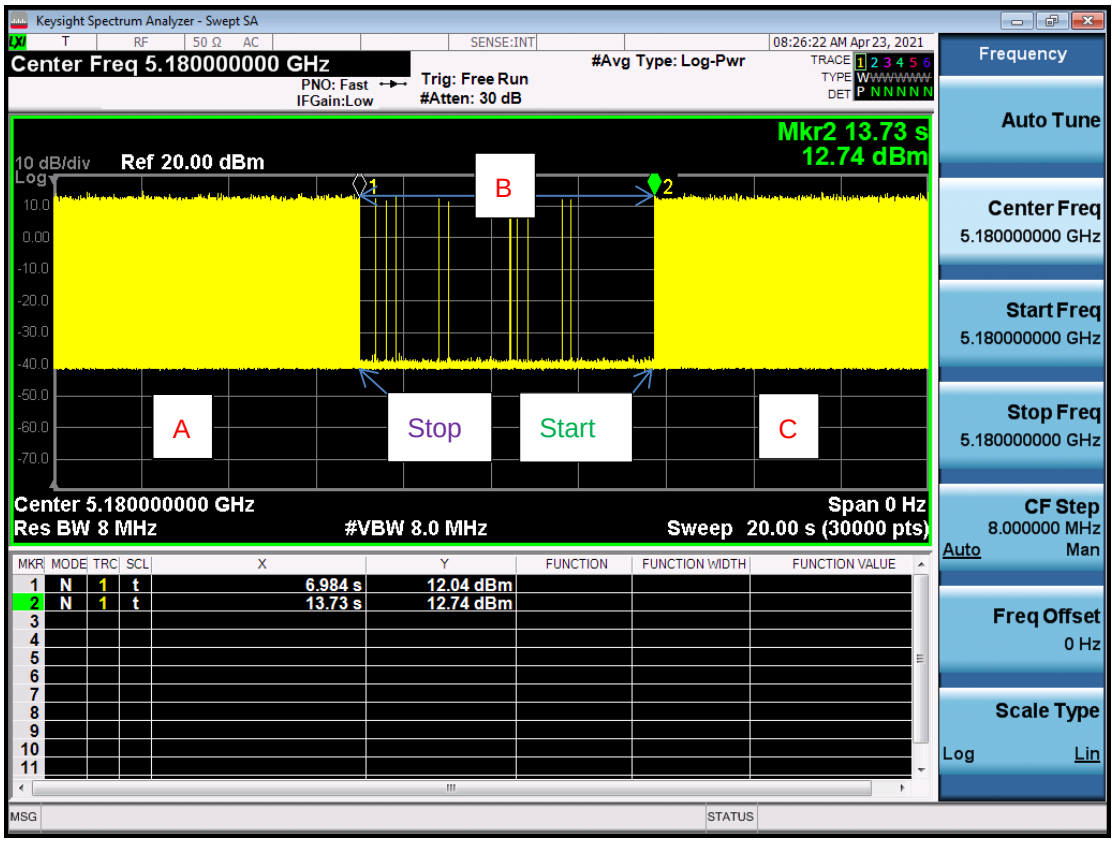
B. Information stop: stop supplying information to the access point.

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5180MHz



Note : The control / signalling information during the period B is precluded.

3.7 Antenna Requirements

3.7.1 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.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

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

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

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

The EUT supports CDD mode.

For power, the directional gain GANT 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>

	Ant. 0 (dBi)	Ant. 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	6.20	4.90	6.20	8.58	0.20	2.58
Band II	6.10	5.30	6.10	8.72	0.10	2.72
Band III	6.20	5.20	6.20	8.72	0.20	2.72

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

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

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 29, 2020	Apr. 20, 2021~ Apr. 27, 2021	Apr. 28, 2021	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Apr. 28, 2021~ May 05, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Apr. 20, 2021~ May 05, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Apr. 20, 2021~ May 05, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 23, 2020	Apr. 20, 2021~ Apr. 21, 2021	Apr. 22, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Apr. 22, 2021~ May 05, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 19, 2020	Apr. 20, 2021~ May 05, 2021	May 18, 2021	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A023 62	1GHz~26.5GHz	Oct. 31, 2020	Apr. 20, 2021~ May 05, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 31, 2020	Apr. 20, 2021~ May 05, 2021	Jul. 30, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY523502 76	3Hz~44GHz	Jun. 09, 2020	Apr. 20, 2021~ May 05, 2021	Jun. 08, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Apr. 20, 2021~ May 05, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Apr. 20, 2021~ May 05, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Apr. 20, 2021~ May 05, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2, 801606/2	18GHz~40GHz	Feb. 24, 2021	Apr. 20, 2021~ May 05, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/12 6E	30MHz~18GHz	Sep. 18, 2020	Apr. 20, 2021~ May 05, 2021	Sep. 17, 2021	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Apr. 20, 2021~ May 05, 2021	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Apr. 20, 2021~ May 05, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Apr. 20, 2021~ May 05, 2021	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Apr. 20, 2021~ May 05, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Apr. 20, 2021~ May 05, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB24 95	N/A	N/A	Apr. 20, 2021~ May 05, 2021	N/A	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 251	18GHz~40GHz	Dec. 02, 2020	Apr. 20, 2021~ May 05, 2021	Dec. 01, 2021	Radiation (03CH07-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Apr. 30, 2021~ May 04, 2021	Mar. 02, 2022	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 09, 2020	Apr. 30, 2021~ May 04, 2021	Dec. 08, 2021	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Apr. 30, 2021~ May 04, 2021	Jul. 21, 2021	Conducted (TH02-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Apr. 30, 2021~ May 04, 2021	Mar. 16, 2022	Conducted (TH02-HY)
Spectrum Analyzer	Keysight	N9010A	MY57120184	10Hz~7GHz	Nov. 17, 2020	Apr. 23, 2021	Nov. 16, 2021	Conducted (DFS02-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 05, 2021	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 30, 2020	May 05, 2021	Nov. 29, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 18, 2020	May 05, 2021	Nov. 17, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 01, 2020	May 05, 2021	Nov. 30, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 16, 2020	May 05, 2021	Nov. 15, 2021	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 05, 2021	N/A	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Feb. 25, 2021	May 05, 2021	Feb. 24, 2022	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	260260	N/A	Dec. 31, 2020	May 05, 2021	Dec. 30, 2021	Conduction (CO05-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))	**4.7 dB**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.0 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Rebecca Li	Temperature:	22.4~23.1	°C
Test Date:	2021/4/30~2021/5/4	Relative Humidity:	54.2~55.2	%

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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	17.43	17.13	35.55	35.60	-		22.34			
11a	6Mbps	2	44	5220	17.48	17.03	34.80	29.40	-		22.31			
11a	6Mbps	2	48	5240	17.53	17.03	33.90	30.65	-		22.31			

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	36	5180	15.60	14.80	18.23	23.80		6.20		Pass
11a	6Mbps	2	44	5220	15.40	14.80	18.12	23.80		6.20		Pass
11a	6Mbps	2	48	5240	15.70	15.00	18.37	23.80		6.20		Pass
HT20	MCS0	2	36	5180	15.90	15.40	18.67	23.80		6.20		Pass
HT20	MCS0	2	44	5220	15.30	14.90	18.11	23.80		6.20		Pass
HT20	MCS0	2	48	5240	15.20	15.10	18.16	23.80		6.20		Pass
HT40	MCS0	2	38	5190	14.60	14.50	17.56	23.80		6.20		Pass
HT40	MCS0	2	46	5230	16.00	16.10	19.06	23.80		6.20		Pass
VHT20	MCS0	2	36	5180	15.90	15.30	18.62	23.80		6.20		Pass
VHT20	MCS0	2	44	5220	15.30	15.10	18.21	23.80		6.20		Pass
VHT20	MCS0	2	48	5240	15.60	15.10	18.37	23.80		6.20		Pass
VHT40	MCS0	2	38	5190	14.60	14.50	17.56	23.80		6.20		Pass
VHT40	MCS0	2	46	5230	16.10	16.10	19.11	23.80		6.20		Pass
VHT80	MCS0	2	42	5210	12.40	12.10	15.26	23.80		6.20		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180			8.25	8.42		8.58			Pass
11a	6Mbps	2	44	5220			7.88	8.42		8.58			Pass
11a	6Mbps	2	48	5240			8.33	8.42		8.58			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	17.58	17.13	33.55	28.55	23.34		29.34		23.98		
11a	6Mbps	2	60	5300	17.48	17.13	36.35	32.55	23.34		29.34		23.98		
11a	6Mbps	2	64	5320	17.68	17.23	36.65	33.80	23.36		29.36		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	15.50	15.10	18.31	23.88		6.10		26.99	Pass
11a	6Mbps	2	60	5300	15.40	15.10	18.26	23.88		6.10		26.99	Pass
11a	6Mbps	2	64	5320	15.50	15.20	18.36	23.88		6.10		26.99	Pass
HT20	MCS0	2	52	5260	15.50	15.10	18.31	23.88		6.10		26.99	Pass
HT20	MCS0	2	60	5300	15.30	15.00	18.16	23.88		6.10		26.99	Pass
HT20	MCS0	2	64	5320	15.50	15.20	18.36	23.88		6.10		26.99	Pass
HT40	MCS0	2	54	5270	16.10	16.30	19.21	23.88		6.10		26.99	Pass
HT40	MCS0	2	62	5310	15.90	16.30	19.11	23.88		6.10		26.99	Pass
VHT20	MCS0	2	52	5260	15.50	15.10	18.31	23.88		6.10		26.99	Pass
VHT20	MCS0	2	60	5300	15.30	15.20	18.26	23.88		6.10		26.99	Pass
VHT20	MCS0	2	64	5320	15.40	15.10	18.26	23.88		6.10		26.99	Pass
VHT40	MCS0	2	54	5270	16.20	16.30	19.26	23.88		6.10		26.99	Pass
VHT40	MCS0	2	62	5310	16.00	16.30	19.16	23.88		6.10		26.99	Pass
VHT80	MCS0	2	58	5290	13.10	12.70	15.91	23.88		6.10		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260			8.10	8.28		8.72			Pass
11a	6Mbps	2	60	5300			7.94	8.28		8.72			Pass
11a	6Mbps	2	64	5320			8.09	8.28		8.72			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	18.03	17.28	36.05	34.30	23.38		29.38		23.98		----	----
11a	6Mbps	2	116	5580	17.68	17.08	34.35	29.10	23.33		29.33		23.98		----	----
11a	6Mbps	2	140	5700	17.73	17.23	36.65	32.95	23.36		29.36		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	144	5720	13.94	13.59	22.25	19.10	22.33		28.33		23.81		3.1	3.15

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	15.40	14.60	18.03	23.78		6.20		26.99	Pass
11a	6Mbps	2	116	5580	15.70	14.70	18.24	23.78		6.20		26.99	Pass
11a	6Mbps	2	140	5700	15.20	14.60	17.92	23.78		6.20		26.99	Pass
HT20	MCS0	2	100	5500	15.30	14.50	17.93	23.78		6.20		26.99	Pass
HT20	MCS0	2	116	5580	15.60	14.80	18.23	23.78		6.20		26.99	Pass
HT20	MCS0	2	140	5700	15.10	14.60	17.87	23.78		6.20		26.99	Pass
HT40	MCS0	2	102	5510	16.90	16.70	19.81	23.78		6.20		26.99	Pass
HT40	MCS0	2	110	5550	16.10	16.30	19.21	23.78		6.20		26.99	Pass
HT40	MCS0	2	134	5670	16.50	16.80	19.66	23.78		6.20		26.99	Pass
VHT20	MCS0	2	100	5500	15.30	14.50	17.93	23.78		6.20		26.99	Pass
VHT20	MCS0	2	116	5580	15.60	14.70	18.18	23.78		6.20		26.99	Pass
VHT20	MCS0	2	140	5700	15.10	14.60	17.87	23.78		6.20		26.99	Pass
VHT40	MCS0	2	102	5510	16.90	16.60	19.76	23.78		6.20		26.99	Pass
VHT40	MCS0	2	110	5550	16.20	16.30	19.26	23.78		6.20		26.99	Pass
VHT40	MCS0	2	134	5670	16.60	16.80	19.71	23.78		6.20		26.99	Pass
VHT80	MCS0	2	106	5530	13.30	12.80	16.07	23.78		6.20		26.99	Pass
VHT80	MCS0	2	122	5610	16.10	15.90	19.01	23.78		6.20		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720	15.20	14.70	17.97	23.61		6.20		26.99	Pass
HT20	MCS0	2	144	5720	15.00	14.70	17.86	23.78		6.20		26.99	Pass
HT40	MCS0	2	142	5710	16.70	17.00	19.86	23.78		6.20		26.99	Pass
VHT20	MCS0	2	144	5720	15.10	14.70	17.91	23.78		6.20		26.99	Pass
VHT40	MCS0	2	142	5710	16.80	17.00	19.91	23.78		6.20		26.99	Pass
VHT80	MCS0	2	138	5690	16.10	16.50	19.31	23.78		6.20		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500			7.77	8.28		8.72			Pass
11a	6Mbps	2	116	5580			8.16	8.28		8.72			Pass
11a	6Mbps	2	140	5700			7.83	8.28		8.72			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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	144	5720			7.85	8.28		8.72			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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	19.23	19.18	37.68	37.16	-		22.83			
HE20	MCS0	2	44	5220	Full	19.18	19.18	38.06	37.11	-		22.83			
HE20	MCS0	2	48	5240	Full	19.23	19.13	37.51	37.51	-		22.82			
HE40	MCS0	2	38	5190	Full	37.56	37.56	40.23	40.41	-		23.01			
HE40	MCS0	2	46	5230	Full	37.66	37.56	40.32	40.41	-		23.01			
HE80	MCS0	2	42	5210	Full	77.56	77.56	80.48	80.16	-		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	36	5180	Full	16.00	15.50	18.77	23.80		6.20			Pass
HE20	MCS0	2	36	5180	26/0	7.40	7.00	10.21	23.80		6.20			Pass
HE20	MCS0	2	36	5180	52/37	10.10	9.60	12.87	23.80		6.20			Pass
HE20	MCS0	2	36	5180	106/53	13.20	12.70	15.97	23.80		6.20			Pass
HE20	MCS0	2	44	5220	Full	15.50	15.30	18.41	23.80		6.20			Pass
HE20	MCS0	2	44	5220	26/4	7.40	6.90	10.17	23.80		6.20			Pass
HE20	MCS0	2	44	5220	52/39	10.00	9.40	12.72	23.80		6.20			Pass
HE20	MCS0	2	44	5220	106/54	13.00	12.50	15.77	23.80		6.20			Pass
HE20	MCS0	2	48	5240	Full	15.60	15.30	18.46	23.80		6.20			Pass
HE20	MCS0	2	48	5240	26/8	6.30	5.70	9.02	23.80		6.20			Pass
HE20	MCS0	2	48	5240	52/40	9.70	9.00	12.37	23.80		6.20			Pass
HE20	MCS0	2	48	5240	106/54	12.80	12.20	15.52	23.80		6.20			Pass
HE40	MCS0	2	38	5190	Full	14.70	14.50	17.61	23.80		6.20			Pass
HE40	MCS0	2	38	5190	242/61	12.90	12.70	15.81	23.80		6.20			Pass
HE40	MCS0	2	46	5230	Full	16.10	16.20	19.16	23.80		6.20			Pass
HE40	MCS0	2	46	5230	242/62	14.70	14.50	17.61	23.80		6.20			Pass
HE80	MCS0	2	42	5210	Full	12.70	12.40	15.56	23.80		6.20			Pass
HE80	MCS0	2	42	5210	484/65	11.70	11.30	14.51	23.80		6.20			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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	36	5180	Full			8.38	8.42		8.58		Pass
HE20	MCS0	2	36	5180	26/0			8.16	8.42		8.58		Pass
HE20	MCS0	2	36	5180	52/37			8.12	8.42		8.58		Pass
HE20	MCS0	2	36	5180	106/53			8.10	8.42		8.58		Pass
HE20	MCS0	2	44	5220	Full			8.15	8.42		8.58		Pass
HE20	MCS0	2	44	5220	26/4			7.86	8.42		8.58		Pass
HE20	MCS0	2	44	5220	52/39			8.10	8.42		8.58		Pass
HE20	MCS0	2	44	5220	106/54			8.11	8.42		8.58		Pass
HE20	MCS0	2	48	5240	Full			8.34	8.42		8.58		Pass
HE20	MCS0	2	48	5240	26/8			7.89	8.42		8.58		Pass
HE20	MCS0	2	48	5240	52/40			7.90	8.42		8.58		Pass
HE20	MCS0	2	48	5240	106/54			7.81	8.42		8.58		Pass
HE40	MCS0	2	38	5190	Full			4.57	8.42		8.58		Pass
HE40	MCS0	2	38	5190	242/61			4.03	8.42		8.58		Pass
HE40	MCS0	2	46	5230	Full			6.47	8.42		8.58		Pass
HE40	MCS0	2	46	5230	242/62			5.89	8.42		8.58		Pass
HE80	MCS0	2	42	5210	Full			0.15	8.42		8.58		Pass
HE80	MCS0	2	42	5210	484/65			0.05	8.42		8.58		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	52	5260	Full	19.28	19.23	38.11	37.11	23.84		29.84		23.98		
HE20	MCS0	2	60	5300	Full	19.23	19.23	36.76	37.16	23.84		29.84		23.98		
HE20	MCS0	2	64	5320	Full	19.23	19.23	37.71	37.06	23.84		29.84		23.98		
HE40	MCS0	2	54	5270	Full	37.66	37.66	40.32	40.32	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.66	37.66	40.23	40.23	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.56	77.56	80.32	80.16	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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	52	5260	Full	15.80	15.10	18.47	23.88		6.10		26.99	Pass
HE20	MCS0	2	52	5260	26/0	7.10	6.60	9.87	23.88		6.10		26.99	Pass
HE20	MCS0	2	52	5260	52/37	9.70	9.00	12.37	23.88		6.10		26.99	Pass
HE20	MCS0	2	52	5260	106/53	13.30	12.60	15.97	23.88		6.10		26.99	Pass
HE20	MCS0	2	60	5300	Full	15.60	15.30	18.46	23.88		6.10		26.99	Pass
HE20	MCS0	2	60	5300	26/4	6.70	6.90	9.81	23.88		6.10		26.99	Pass
HE20	MCS0	2	60	5300	52/39	9.50	9.40	12.46	23.88		6.10		26.99	Pass
HE20	MCS0	2	60	5300	106/54	12.70	12.50	15.61	23.88		6.10		26.99	Pass
HE20	MCS0	2	64	5320	Full	15.70	15.40	18.56	23.88		6.10		26.99	Pass
HE20	MCS0	2	64	5320	26/8	6.30	6.50	9.41	23.88		6.10		26.99	Pass
HE20	MCS0	2	64	5320	52/40	9.60	9.30	12.46	23.88		6.10		26.99	Pass
HE20	MCS0	2	64	5320	106/54	12.80	12.50	15.66	23.88		6.10		26.99	Pass
HE40	MCS0	2	54	5270	Full	16.30	16.40	19.36	23.88		6.10		26.99	Pass
HE40	MCS0	2	54	5270	242/61	14.90	14.50	17.71	23.88		6.10		26.99	Pass
HE40	MCS0	2	62	5310	Full	16.10	16.30	19.21	23.88		6.10		26.99	Pass
HE40	MCS0	2	62	5310	242/62	14.60	14.70	17.66	23.88		6.10		26.99	Pass
HE80	MCS0	2	58	5290	Full	13.30	12.90	16.11	23.88		6.10		26.99	Pass
HE80	MCS0	2	58	5290	484/66	12.20	11.90	15.06	23.88		6.10		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	52	5260	Full			8.00	8.28		8.72		Pass
HE20	MCS0	2	52	5260	26/0			7.82	8.28		8.72		Pass
HE20	MCS0	2	52	5260	52/37			7.37	8.28		8.72		Pass
HE20	MCS0	2	52	5260	106/53			7.99	8.28		8.72		Pass
HE20	MCS0	2	60	5300	Full			8.13	8.28		8.72		Pass
HE20	MCS0	2	60	5300	26/4			7.12	8.28		8.72		Pass
HE20	MCS0	2	60	5300	52/39			8.03	8.28		8.72		Pass
HE20	MCS0	2	60	5300	106/54			7.78	8.28		8.72		Pass
HE20	MCS0	2	64	5320	Full			8.24	8.28		8.72		Pass
HE20	MCS0	2	64	5320	26/8			7.88	8.28		8.72		Pass
HE20	MCS0	2	64	5320	52/40			7.73	8.28		8.72		Pass
HE20	MCS0	2	64	5320	106/54			7.93	8.28		8.72		Pass
HE40	MCS0	2	54	5270	Full			6.25	8.28		8.72		Pass
HE40	MCS0	2	54	5270	242/61			5.99	8.28		8.72		Pass
HE40	MCS0	2	62	5310	Full			6.38	8.28		8.72		Pass
HE40	MCS0	2	62	5310	242/62			6.08	8.28		8.72		Pass
HE80	MCS0	2	58	5290	Full			0.99	8.28		8.72		Pass
HE80	MCS0	2	58	5290	484/66			0.85	8.28		8.72		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	100	5500	Full	19.23	19.23	36.86	36.41	23.84		29.84		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.18	19.13	36.61	37.26	23.82		29.82		23.98		----	----
HE20	MCS0	2	140	5700	Full	19.18	19.23	37.16	37.45	23.83		29.83		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.56	37.66	40.41	40.23	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	37.66	37.56	40.05	40.14	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	37.66	37.56	40.32	40.23	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.44	77.56	80.16	80.32	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	77.44	77.56	80.16	80.48	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
HE20	MCS0	2	144	5720	Full	14.69	14.59	23.43	23.43	22.64		28.64		23.98		4.39	4.441
HE40	MCS0	2	142	5710	Full	33.98	33.88	35.16	35.16	23.98		30.00		23.98		2.55	2.55
HE80	MCS0	2	138	5690	Full	73.84	73.72	75.16	75.16	23.98		30.00		23.98		3.24	3.08

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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	100	5500	Full	15.40	14.70	18.07	23.78		6.20		26.99	Pass
HE20	MCS0	2	100	5500	26/0	6.80	6.30	9.57	23.78		6.20		26.99	Pass
HE20	MCS0	2	100	5500	52/37	9.90	9.20	12.57	23.78		6.20		26.99	Pass
HE20	MCS0	2	100	5500	106/53	13.00	12.30	15.67	23.78		6.20		26.99	Pass
HE20	MCS0	2	116	5580	Full	15.60	14.90	18.27	23.78		6.20		26.99	Pass
HE20	MCS0	2	116	5580	26/4	7.00	6.60	9.81	23.78		6.20		26.99	Pass
HE20	MCS0	2	116	5580	52/38	9.90	9.10	12.53	23.78		6.20		26.99	Pass
HE20	MCS0	2	116	5580	106/53	12.80	12.10	15.47	23.78		6.20		26.99	Pass
HE20	MCS0	2	140	5700	Full	15.30	14.80	18.07	23.78		6.20		26.99	Pass
HE20	MCS0	2	140	5700	26/8	5.70	6.00	8.86	23.78		6.20		26.99	Pass
HE20	MCS0	2	140	5700	52/40	9.70	9.40	12.56	23.78		6.20		26.99	Pass
HE20	MCS0	2	140	5700	106/54	12.20	12.00	15.11	23.78		6.20		26.99	Pass
HE40	MCS0	2	102	5510	Full	17.00	16.70	19.86	23.78		6.20		26.99	Pass
HE40	MCS0	2	102	5510	242/61	15.60	15.10	18.37	23.78		6.20		26.99	Pass
HE40	MCS0	2	110	5550	Full	16.40	16.30	19.36	23.78		6.20		26.99	Pass
HE40	MCS0	2	110	5550	242/61	14.70	14.50	17.61	23.78		6.20		26.99	Pass
HE40	MCS0	2	134	5670	Full	16.80	16.90	19.86	23.78		6.20		26.99	Pass
HE40	MCS0	2	134	5670	242/62	15.10	15.30	18.21	23.78		6.20		26.99	Pass
HE80	MCS0	2	106	5530	Full	13.50	13.00	16.27	23.78		6.20		26.99	Pass
HE80	MCS0	2	106	5530	484/65	12.60	12.00	15.32	23.78		6.20		26.99	Pass
HE80	MCS0	2	122	5610	Full	16.40	16.30	19.36	23.78		6.20		26.99	Pass
HE80	MCS0	2	122	5610	484/66	15.40	15.30	18.36	23.78		6.20		26.99	Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
HE20	MCS0	2	144	5720	Full	15.20	14.90	18.06	23.78		6.20		26.99	Pass
HE20	MCS0	2	144	5720	26/8	5.60	6.10	8.87	23.78		6.20		26.99	Pass
HE20	MCS0	2	144	5720	52/40	9.20	8.90	12.06	23.78		6.20		26.99	Pass
HE20	MCS0	2	144	5720	106/54	12.20	12.00	15.11	23.78		6.20		26.99	Pass
HE40	MCS0	2	142	5710	Full	17.00	17.30	20.16	23.78		6.20		26.99	Pass
HE40	MCS0	2	142	5710	242/62	15.10	15.10	18.11	23.78		6.20		26.99	Pass
HE80	MCS0	2	138	5690	Full	16.50	16.60	19.56	23.78		6.20		26.99	Pass
HE80	MCS0	2	138	5690	484/66	15.50	15.70	18.61	23.78		6.20		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	100	5500	Full			7.96	8.28		8.72		Pass
HE20	MCS0	2	100	5500	26/0			7.81	8.28		8.72		Pass
HE20	MCS0	2	100	5500	52/37			7.85	8.28		8.72		Pass
HE20	MCS0	2	100	5500	106/53			7.88	8.28		8.72		Pass
HE20	MCS0	2	116	5580	Full			8.08	8.28		8.72		Pass
HE20	MCS0	2	116	5580	26/4			7.47	8.28		8.72		Pass
HE20	MCS0	2	116	5580	52/38			7.94	8.28		8.72		Pass
HE20	MCS0	2	116	5580	106/53			7.87	8.28		8.72		Pass
HE20	MCS0	2	140	5700	Full			7.82	8.28		8.72		Pass
HE20	MCS0	2	140	5700	26/8			7.66	8.28		8.72		Pass
HE20	MCS0	2	140	5700	52/40			7.77	8.28		8.72		Pass
HE20	MCS0	2	140	5700	106/54			7.54	8.28		8.72		Pass
HE40	MCS0	2	102	5510	Full			7.00	8.28		8.72		Pass
HE40	MCS0	2	102	5510	242/61			6.77	8.28		8.72		Pass
HE40	MCS0	2	110	5550	Full			6.36	8.28		8.72		Pass
HE40	MCS0	2	110	5550	242/61			5.92	8.28		8.72		Pass
HE40	MCS0	2	134	5670	Full			6.88	8.28		8.72		Pass
HE40	MCS0	2	134	5670	242/62			6.60	8.28		8.72		Pass
HE80	MCS0	2	106	5530	Full			0.90	8.28		8.72		Pass
HE80	MCS0	2	106	5530	484/65			0.72	8.28		8.72		Pass
HE80	MCS0	2	122	5610	Full			4.16	8.28		8.72		Pass
HE80	MCS0	2	122	5610	484/66			4.05	8.28		8.72		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 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1	
HE20	MCS0	2	144	5720	Full			7.81	8.28		8.72		Pass
HE20	MCS0	2	144	5720	26/8			7.76	8.28		8.72		Pass
HE20	MCS0	2	144	5720	52/40			7.56	8.28		8.72		Pass
HE20	MCS0	2	144	5720	106/54			7.58	8.28		8.72		Pass
HE40	MCS0	2	142	5710	Full			7.46	8.28		8.72		Pass
HE40	MCS0	2	142	5710	242/62			6.66	8.28		8.72		Pass
HE80	MCS0	2	138	5690	Full			4.48	8.28		8.72		Pass
HE80	MCS0	2	138	5690	484/66			3.96	8.28		8.72		Pass

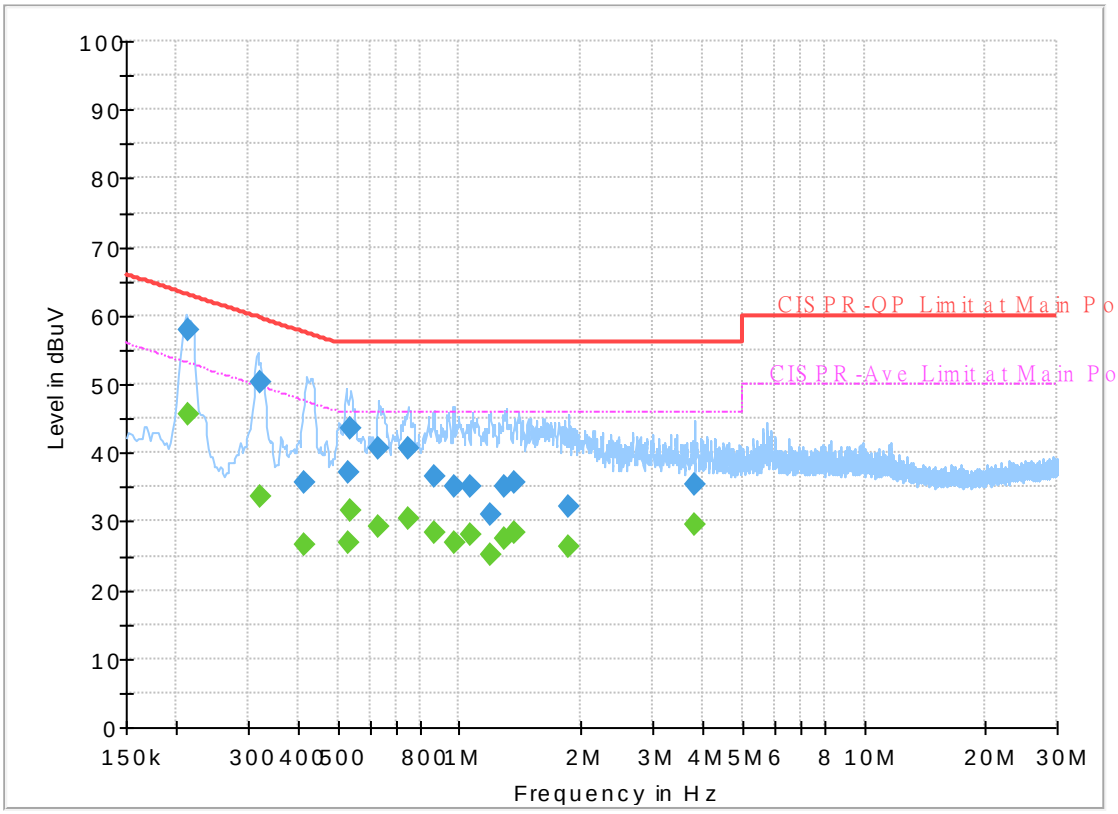
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	24~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	120202-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



Final_Result

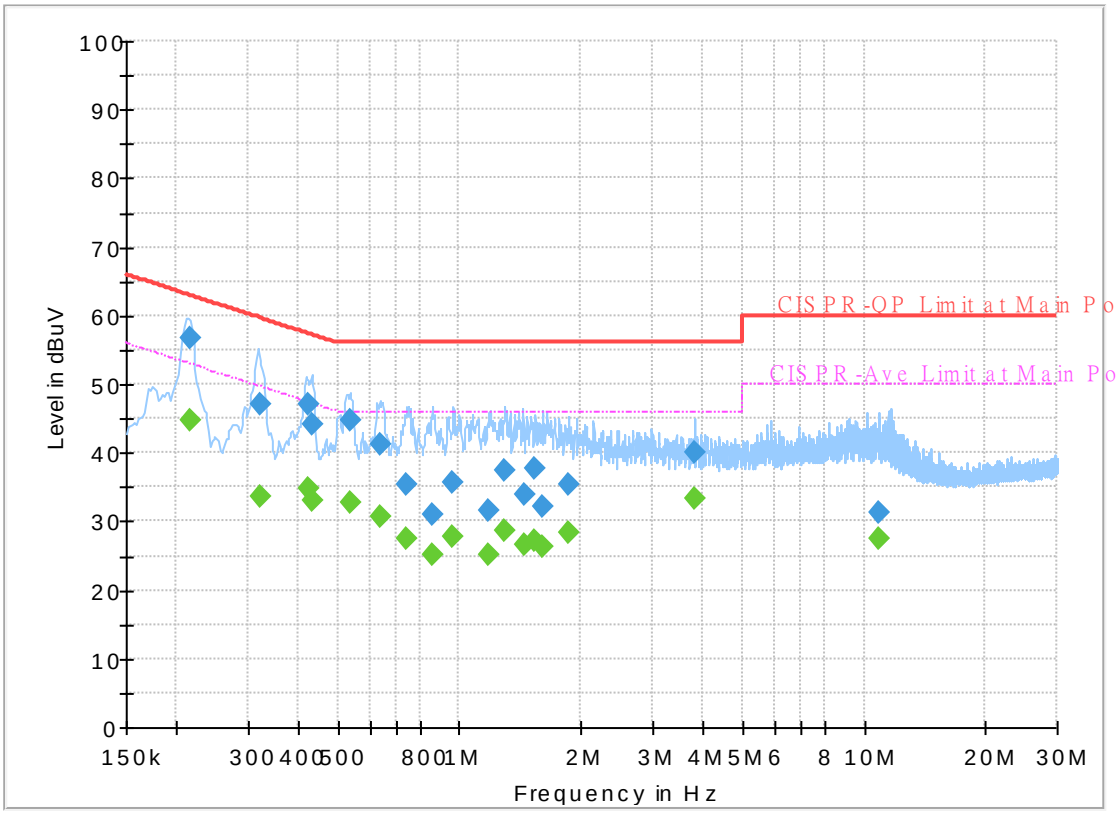
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.213000	---	45.72	53.09	7.37	L1	OFF	19.5
0.213000	57.95	---	63.09	5.14	L1	OFF	19.5
0.321000	---	33.62	49.68	16.06	L1	OFF	19.5
0.321000	50.24	---	59.68	9.44	L1	OFF	19.5
0.415500	---	26.50	47.54	21.04	L1	OFF	19.6
0.415500	35.70	---	57.54	21.84	L1	OFF	19.6
0.530250	---	26.78	46.00	19.22	L1	OFF	19.7
0.530250	37.17	---	56.00	18.83	L1	OFF	19.7
0.538080	---	31.46	46.00	14.54	L1	OFF	19.7
0.538080	43.43	---	56.00	12.57	L1	OFF	19.7
0.633750	---	29.23	46.00	16.77	L1	OFF	19.8
0.633750	40.52	---	56.00	15.48	L1	OFF	19.8
0.748500	---	30.31	46.00	15.69	L1	OFF	19.9
0.748500	40.74	---	56.00	15.26	L1	OFF	19.9
0.864240	---	28.22	46.00	17.78	L1	OFF	20.0
0.864240	36.53	---	56.00	19.47	L1	OFF	20.0
0.967560	---	26.79	46.00	19.21	L1	OFF	20.0
0.967560	35.19	---	56.00	20.81	L1	OFF	20.0
1.070250	---	27.98	46.00	18.02	L1	OFF	20.0
1.070250	35.13	---	56.00	20.87	L1	OFF	20.0
1.187790	---	25.15	46.00	20.85	L1	OFF	20.0

1.187790	31.03	---	56.00	24.97	L1	OFF	20.0
1.298580	---	27.42	46.00	18.58	L1	OFF	20.0
1.298580	35.10	---	56.00	20.90	L1	OFF	20.0
1.369500	---	28.32	46.00	17.68	L1	OFF	20.0
1.369500	35.67	---	56.00	20.33	L1	OFF	20.0
1.866750	---	26.25	46.00	19.75	L1	OFF	20.0
1.866750	32.11	---	56.00	23.89	L1	OFF	20.0
3.822000	---	29.58	46.00	16.42	L1	OFF	19.9
3.822000	35.47	---	56.00	20.53	L1	OFF	19.9

EUT Information

Report NO :	120202-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.216510	---	44.66	52.95	8.29	N	OFF	19.5
0.216510	56.62	---	62.95	6.33	N	OFF	19.5
0.320370	---	33.59	49.70	16.11	N	OFF	19.6
0.320370	47.15	---	59.70	12.55	N	OFF	19.6
0.422250	---	34.67	47.40	12.73	N	OFF	19.6
0.422250	47.10	---	57.40	10.30	N	OFF	19.6
0.430530	---	33.04	47.24	14.20	N	OFF	19.6
0.430530	44.13	---	57.24	13.11	N	OFF	19.6
0.535920	---	32.63	46.00	13.37	N	OFF	19.7
0.535920	44.74	---	56.00	11.26	N	OFF	19.7
0.637440	---	30.67	46.00	15.33	N	OFF	19.8
0.637440	41.29	---	56.00	14.71	N	OFF	19.8
0.737250	---	27.49	46.00	18.51	N	OFF	19.9
0.737250	35.40	---	56.00	20.60	N	OFF	19.9
0.859020	---	25.13	46.00	20.87	N	OFF	20.0
0.859020	31.02	---	56.00	24.98	N	OFF	20.0
0.963690	---	27.82	46.00	18.18	N	OFF	20.0
0.963690	35.75	---	56.00	20.25	N	OFF	20.0
1.185090	---	25.11	46.00	20.89	N	OFF	20.1
1.185090	31.67	---	56.00	24.33	N	OFF	20.1
1.295160	---	28.72	46.00	17.28	N	OFF	20.0

1.295160	37.42	---	56.00	18.58	N	OFF	20.0
1.441500	---	26.53	46.00	19.47	N	OFF	20.0
1.441500	33.78	---	56.00	22.22	N	OFF	20.0
1.537350	---	27.19	46.00	18.81	N	OFF	20.0
1.537350	37.58	---	56.00	18.42	N	OFF	20.0
1.607370	---	26.30	46.00	19.70	N	OFF	20.0
1.607370	32.03	---	56.00	23.97	N	OFF	20.0
1.871250	---	28.51	46.00	17.49	N	OFF	20.0
1.871250	35.32	---	56.00	20.68	N	OFF	20.0
3.818130	---	33.41	46.00	12.59	N	OFF	19.9
3.818130	40.13	---	56.00	15.87	N	OFF	19.9
10.910040	---	27.59	50.00	22.41	N	OFF	20.1
10.910040	31.21	---	60.00	28.79	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	20~26°C
		Relative Humidity :	47~56%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5119.08	59.06	-14.94	74	48.39	34.2	11.76	35.29	100	115	P	H
		5150	51.42	-2.58	54	40.71	34.2	11.79	35.28	100	115	A	H
	*	5180	115.07	-	-	104.24	34.27	11.83	35.27	100	115	P	H
	*	5180	108.21	-	-	97.38	34.27	11.83	35.27	100	115	A	H
		5139.1	54.68	-19.32	74	43.99	34.2	11.78	35.29	366	79	P	V
		5146.9	46.31	-7.69	54	35.6	34.2	11.79	35.28	366	79	A	V
	*	5180	112.09	-	-	101.26	34.27	11.83	35.27	366	79	P	V
	*	5180	105.06	-	-	94.23	34.27	11.83	35.27	366	79	A	V
802.11a CH 44 5220MHz		5126.36	58.23	-15.77	74	47.55	34.2	11.77	35.29	100	114	P	H
		5149.5	50.1	-3.9	54	39.39	34.2	11.79	35.28	100	114	A	H
	*	5220	116.67	-	-	105.76	34.3	11.86	35.25	100	114	P	H
	*	5220	109.95	-	-	99.04	34.3	11.86	35.25	100	114	A	H
		5355	52.06	-21.94	74	40.9	34.4	11.94	35.18	100	114	P	H
		5350.24	44.16	-9.84	54	33	34.4	11.94	35.18	100	114	A	H
		5138.06	53.84	-20.16	74	43.15	34.2	11.78	35.29	380	77	P	V
		5102.7	44.7	-9.3	54	34.06	34.2	11.74	35.3	380	77	A	V
	*	5220	112.95	-	-	102.04	34.3	11.86	35.25	380	77	P	V
	*	5220	106.29	-	-	95.38	34.3	11.86	35.25	380	77	A	V
		5369.56	50.32	-23.68	74	39.08	34.47	11.95	35.18	380	77	P	V
		5351.64	41.76	-12.24	54	30.6	34.4	11.94	35.18	380	77	A	V

802.11a CH 48 5240MHz		5137.28	56.6	-17.4	74	45.91	34.2	11.78	35.29	100	115	P	H
		5146.64	50.12	-3.88	54	39.41	34.2	11.79	35.28	100	115	A	H
	*	5240	116.45	-	-	105.52	34.3	11.87	35.24	100	115	P	H
	*	5240	109.8	-	-	98.87	34.3	11.87	35.24	100	115	A	H
		5351.36	52.83	-21.17	74	41.67	34.4	11.94	35.18	100	115	P	H
		5354.72	45.6	-8.4	54	34.44	34.4	11.94	35.18	100	115	A	H
		5118.82	54.91	-19.09	74	44.24	34.2	11.76	35.29	400	78	P	V
		5126.36	45.53	-8.47	54	34.85	34.2	11.77	35.29	400	78	A	V
	*	5240	113.21	-	-	102.28	34.3	11.87	35.24	400	78	P	V
	*	5240	106.27	-	-	95.34	34.3	11.87	35.24	400	78	A	V
		5366.76	49.44	-24.56	74	38.2	34.47	11.95	35.18	400	78	P	V
		5357.24	42.12	-11.88	54	30.96	34.4	11.94	35.18	400	78	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	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	58.59	-9.61	68.2	61.68	37.57	18.37	59.03	100	0	P	H
		15540	55.18	-18.82	74	48.52	40.27	23.16	56.77	100	300	P	H
		15540	45.48	-8.52	54	38.82	40.27	23.16	56.77	100	300	A	H
		10360	52.89	-15.31	68.2	55.98	37.57	18.37	59.03	100	0	P	V
		15540	57.23	-16.77	74	50.57	40.27	23.16	56.77	100	267	P	V
		15540	48.16	-5.84	54	41.5	40.27	23.16	56.77	100	267	A	V
802.11a CH 44 5220MHz		10440	56.39	-11.81	68.2	59.56	37.6	18.44	59.21	100	0	P	H
		15660	51.87	-22.13	74	45.33	40.4	23.26	57.12	100	290	P	H
		15660	42.89	-11.11	54	36.35	40.4	23.26	57.12	100	290	A	H
		10440	52.58	-15.62	68.2	55.75	37.6	18.44	59.21	100	0	P	V
		15660	54.88	-19.12	74	48.34	40.4	23.26	57.12	100	298	P	V
		15660	44.38	-9.62	54	37.84	40.4	23.26	57.12	100	298	A	V
802.11a CH 48 5240MHz		10480	56.04	-12.16	68.2	59.13	37.6	18.47	59.16	100	0	P	H
		15720	57.02	-16.98	74	50.17	40.62	23.3	57.07	100	299	P	H
		15720	46.24	-7.76	54	39.39	40.62	23.3	57.07	100	299	A	H
		10480	50.08	-18.12	68.2	53.17	37.6	18.47	59.16	100	0	P	V
		15720	58.86	-15.14	74	52.01	40.62	23.3	57.07	100	298	P	V
		15720	48.44	-5.56	54	41.59	40.62	23.3	57.07	100	298	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. 0+1	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)
		5130.26	57.23	-16.77	74	46.55	34.2	11.77	35.29	100	115	P	H
		5147.68	50.32	-3.68	54	39.61	34.2	11.79	35.28	100	115	A	H
802.11ax	*	5180	114.55	-	-	103.72	34.27	11.83	35.27	100	115	P	H
HE20 Full	*	5180	105.48	-	-	94.65	34.27	11.83	35.27	100	115	A	H
CH 36		5147.68	53.88	-20.12	74	43.17	34.2	11.79	35.28	346	72	P	V
5180MHz		5150	45.51	-8.49	54	34.8	34.2	11.79	35.28	346	72	A	V
	*	5180	111.25	-	-	100.42	34.27	11.83	35.27	346	72	P	V
	*	5180	102.13	-	-	91.3	34.27	11.83	35.27	346	72	A	V
		5148.72	58.22	-15.78	74	47.51	34.2	11.79	35.28	100	115	P	H
		5149.76	49.43	-4.57	54	38.72	34.2	11.79	35.28	100	115	A	H
	*	5220	115.53	-	-	104.62	34.3	11.86	35.25	100	115	P	H
	*	5220	106.79	-	-	95.88	34.3	11.86	35.25	100	115	A	H
802.11ax		5355.56	50.42	-23.58	74	39.26	34.4	11.94	35.18	100	115	P	H
HE20 Full		5352.48	43.49	-10.51	54	32.33	34.4	11.94	35.18	100	115	A	H
CH 44		5146.64	51.94	-22.06	74	41.23	34.2	11.79	35.28	362	84	P	V
5220MHz		5149.76	43.65	-10.35	54	32.94	34.2	11.79	35.28	362	84	A	V
	*	5220	111.72	-	-	100.81	34.3	11.86	35.25	362	84	P	V
	*	5220	102.83	-	-	91.92	34.3	11.86	35.25	362	84	A	V
		5375.44	50.01	-23.99	74	38.75	34.47	11.96	35.17	362	84	P	V
		5360.32	41.3	-12.7	54	30.13	34.4	11.95	35.18	362	84	A	V

		5133.12	56.51	-17.49	74	45.83	34.2	11.77	35.29	100	116	P	H
		5148.2	48.25	-5.75	54	37.54	34.2	11.79	35.28	100	116	A	H
	*	5240	115.21	-	-	104.28	34.3	11.87	35.24	100	116	P	H
	*	5240	106.64	-	-	95.71	34.3	11.87	35.24	100	116	A	H
802.11ax		5358.08	51.47	-22.53	74	40.31	34.4	11.94	35.18	100	116	P	H
HE20 Full		5350.52	44.09	-9.91	54	32.93	34.4	11.94	35.18	100	116	A	H
CH 48		5146.12	52.88	-21.12	74	42.17	34.2	11.79	35.28	400	84	P	V
5240MHz		5127.4	44.4	-9.6	54	33.72	34.2	11.77	35.29	400	84	A	V
	*	5240	112.09	-	-	101.16	34.3	11.87	35.24	400	84	P	V
	*	5240	103.11	-	-	92.18	34.3	11.87	35.24	400	84	A	V
		5351.92	49.64	-24.36	74	38.48	34.4	11.94	35.18	400	84	P	V
		5361.16	41.6	-12.4	54	30.36	34.47	11.95	35.18	400	84	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. 0+1	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		10360	53.35	-14.85	68.2	56.72	37.57	18.37	59.31	100	0	P	H
HE20 Full		15540	46.28	-27.72	74	40.08	40.27	23.16	57.23	100	0	P	H
CH 36		10360	50.11	-18.09	68.2	53.48	37.57	18.37	59.31	100	0	P	V
5180MHz		15540	45.87	-28.13	74	39.67	40.27	23.16	57.23	100	0	P	V
802.11ax		10440	55.32	-12.88	68.2	58.49	37.6	18.44	59.21	100	0	P	H
HE20 Full		15660	47.34	-26.66	74	40.8	40.4	23.26	57.12	100	0	P	H
CH 44		10440	50.73	-17.47	68.2	53.9	37.6	18.44	59.21	100	0	P	V
5220MHz		15660	47.75	-26.25	74	41.21	40.4	23.26	57.12	100	0	P	V
		10480	56.24	-11.96	68.2	59.33	37.6	18.47	59.16	100	0	P	H
802.11ax		15720	50.99	-23.01	74	44.14	40.62	23.3	57.07	100	302	P	H
HE20 Full		15720	41.77	-12.23	54	34.92	40.62	23.3	57.07	100	302	A	H
CH 48		10480	51	-17.2	68.2	54.09	37.6	18.47	59.16	100	0	P	V
5240MHz		15720	55.15	-18.85	74	48.3	40.62	23.3	57.07	100	298	P	V
		15720	43.75	-10.25	54	36.9	40.62	23.3	57.07	100	298	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 Partial 26 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5132.6	53.01	-20.99	74	42.33	34.2	11.77	35.29	100	118	P	H
		5131.04	44.28	-9.72	54	33.6	34.2	11.77	35.29	100	118	A	H
	*	5180	111.58	-	-	100.75	34.27	11.83	35.27	100	118	P	H
	*	5180	103.39	-	-	92.56	34.27	11.83	35.27	100	118	A	H
		5149.24	50.79	-23.21	74	40.08	34.2	11.79	35.28	346	78	P	V
		5127.4	42.46	-11.54	54	31.78	34.2	11.77	35.29	346	78	A	V
	*	5180	110.02	-	-	99.19	34.27	11.83	35.27	346	78	P	V
	*	5180	102.36	-	-	91.53	34.27	11.83	35.27	346	78	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 Partial 52 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5145.86	52.65	-21.35	74	41.94	34.2	11.79	35.28	100	116	P	H
		5150	44.94	-9.06	54	34.23	34.2	11.79	35.28	100	116	A	H
	*	5180	112.9	-	-	102.07	34.27	11.83	35.27	100	116	P	H
	*	5180	104.47	-	-	93.64	34.27	11.83	35.27	100	116	A	H
		5079.3	51.14	-22.86	74	40.61	34.13	11.71	35.31	345	77	P	V
		5142.22	42.77	-11.23	54	32.08	34.2	11.78	35.29	345	77	A	V
	*	5180	111.3	-	-	100.47	34.27	11.83	35.27	345	77	P	V
	*	5180	101.87	-	-	91.04	34.27	11.83	35.27	345	77	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 Partial 106 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5139.88	54.9	-19.1	74	44.21	34.2	11.78	35.29	100	116	P	H
		5150	47.14	-6.86	54	36.43	34.2	11.79	35.28	100	116	A	H
	*	5180	112.34	-	-	101.51	34.27	11.83	35.27	100	116	P	H
	*	5180	104.64	-	-	93.81	34.27	11.83	35.27	100	116	A	H
		5120.9	51.05	-22.95	74	40.38	34.2	11.76	35.29	391	76	P	V
		5148.46	44.63	-9.37	54	33.92	34.2	11.79	35.28	391	76	A	V
	*	5180	110.42	-	-	99.59	34.27	11.83	35.27	391	76	P	V
	*	5180	102.03	-	-	91.2	34.27	11.83	35.27	391	76	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5146.38	58.82	-15.18	74	48.11	34.2	11.79	35.28	100	115	P	H
		5149.76	51.6	-2.4	54	40.89	34.2	11.79	35.28	100	115	A	H
	*	5190	110.79	-	-	99.95	34.27	11.84	35.27	100	115	P	H
	*	5190	102.4	-	-	91.56	34.27	11.84	35.27	100	115	A	H
802.11ax		5369.84	50.55	-23.45	74	39.31	34.47	11.95	35.18	100	115	P	H
HE40 Full		5352.2	42.01	-11.99	54	30.85	34.4	11.94	35.18	100	115	A	H
CH 38		5139.88	51.76	-22.24	74	41.07	34.2	11.78	35.29	344	78	P	V
5190MHz		5150	46.04	-7.96	54	35.33	34.2	11.79	35.28	344	78	A	V
	*	5190	107.01	-	-	96.17	34.27	11.84	35.27	344	78	P	V
	*	5190	98.78	-	-	87.94	34.27	11.84	35.27	344	78	A	V
		5398.68	48.47	-25.53	74	37.07	34.6	11.97	35.17	344	78	P	V
		5369.84	41.09	-12.91	54	29.85	34.47	11.95	35.18	344	78	A	V
		5145.86	58.32	-15.68	74	47.61	34.2	11.79	35.28	100	117	P	H
		5148.72	50.17	-3.83	54	39.46	34.2	11.79	35.28	100	117	A	H
	*	5230	112.29	-	-	101.36	34.3	11.87	35.24	100	117	P	H
	*	5230	103.71	-	-	92.78	34.3	11.87	35.24	100	117	A	H
802.11ax		5363.96	51.75	-22.25	74	40.51	34.47	11.95	35.18	100	117	P	H
HE40 Full		5352.48	44.63	-9.37	54	33.47	34.4	11.94	35.18	100	117	A	H
CH 46		5142.48	52.43	-21.57	74	41.74	34.2	11.78	35.29	360	85	P	V
5230MHz		5142.22	44.65	-9.35	54	33.96	34.2	11.78	35.29	360	85	A	V
	*	5230	108.1	-	-	97.17	34.3	11.87	35.24	360	85	P	V
	*	5230	101.06	-	-	90.13	34.3	11.87	35.24	360	85	A	V
		5367.88	49.61	-24.39	74	38.37	34.47	11.95	35.18	360	85	P	V
		5352.2	42.2	-11.8	54	31.04	34.4	11.94	35.18	360	85	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. 0+1	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		10380	52.44	-15.76	68.2	55.75	37.58	18.39	59.28	100	0	P	H
HE40 Full		15570	46.93	-27.07	74	40.71	40.23	23.19	57.2	100	0	P	H
CH 38		10380	46.84	-21.36	68.2	50.15	37.58	18.39	59.28	100	0	P	V
5190MHz		15570	46.91	-27.09	74	40.69	40.23	23.19	57.2	100	0	P	V
802.11ax		10460	53.48	-14.72	68.2	56.62	37.6	18.45	59.19	100	0	P	H
HE40 Full		15690	48.18	-25.82	74	41.47	40.53	23.28	57.1	100	0	P	H
CH 46		10460	48.73	-19.47	68.2	51.87	37.6	18.45	59.19	100	0	P	V
5230MHz		15690	48.09	-25.91	74	41.38	40.53	23.28	57.1	100	0	P	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 Partial 242 (Band Edge @ 3m)

WIFI Ant. 0+1	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 Partial 242/61 CH 38 5190MHz		5149.5	54.62	-19.38	74	43.91	34.2	11.79	35.28	100	115	P	H
		5148.72	46.5	-7.5	54	35.79	34.2	11.79	35.28	100	115	A	H
	*	5190	109.23	-	-	98.39	34.27	11.84	35.27	100	115	P	H
	*	5190	100.9	-	-	90.06	34.27	11.84	35.27	100	115	A	H
		5358.92	49.61	-24.39	74	38.44	34.4	11.95	35.18	100	115	P	H
		5352.2	41.54	-12.46	54	30.38	34.4	11.94	35.18	100	115	A	H
		5138.32	52.03	-21.97	74	41.34	34.2	11.78	35.29	390	68	P	V
		5149.5	44.38	-9.62	54	33.67	34.2	11.79	35.28	390	68	A	V
	*	5190	104.92	-	-	94.08	34.27	11.84	35.27	390	68	P	V
	*	5190	98.09	-	-	87.25	34.27	11.84	35.27	390	68	A	V
		5402.04	48.82	-25.18	74	37.41	34.6	11.97	35.16	390	68	P	V
		5398.68	41.05	-12.95	54	29.65	34.6	11.97	35.17	390	68	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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		5144.56	57.53	-16.47	74	46.82	34.2	11.79	35.28	100	111	P	H
		5150	51.6	-2.4	54	40.89	34.2	11.79	35.28	100	111	A	H
	*	5210	106.05	-	-	95.14	34.3	11.86	35.25	100	111	P	H
	*	5210	97.78	-	-	86.87	34.3	11.86	35.25	100	111	A	H
		5383.56	50.78	-23.22	74	39.46	34.53	11.96	35.17	100	111	P	H
		5354.44	43.43	-10.57	54	32.27	34.4	11.94	35.18	100	111	A	H
		5149.5	51.97	-22.03	74	41.26	34.2	11.79	35.28	322	84	P	V
		5146.12	45.94	-8.06	54	35.23	34.2	11.79	35.28	322	84	A	V
	*	5210	100.73	-	-	89.82	34.3	11.86	35.25	322	84	P	V
	*	5210	94.35	-	-	83.44	34.3	11.86	35.25	322	84	A	V
		5366.76	49.55	-24.45	74	38.31	34.47	11.95	35.18	322	84	P	V
		5369.28	42.49	-11.51	54	31.25	34.47	11.95	35.18	322	84	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. 0+1	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		10420	47.23	-20.97	68.2	50.45	37.6	18.42	59.24	100	0	P	H
HE80 Full		15630	46.4	-27.6	74	39.98	40.33	23.24	57.15	100	0	P	H
CH 42		10420	45.46	-22.74	68.2	48.68	37.6	18.42	59.24	100	0	P	V
5210MHz		15630	46.32	-27.68	74	39.9	40.33	23.24	57.15	100	0	P	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 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+1	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 Partial 484/65 CH 42 5210MHz		5141.18	53.72	-20.28	74	43.03	34.2	11.78	35.29	100	118	P	H
		5147.94	46.93	-7.07	54	36.22	34.2	11.79	35.28	100	118	A	H
	*	5210	106.17	-	-	95.26	34.3	11.86	35.25	100	118	P	H
	*	5210	96.81	-	-	85.9	34.3	11.86	35.25	100	118	A	H
		5361.72	49.4	-24.6	74	38.16	34.47	11.95	35.18	100	118	P	H
		5381.04	41.37	-12.63	54	30.05	34.53	11.96	35.17	100	118	A	H
		5092.56	51.4	-22.6	74	40.78	34.2	11.73	35.31	387	74	P	V
		5148.2	43.16	-10.84	54	32.45	34.2	11.79	35.28	387	74	A	V
	*	5210	102.09	-	-	91.18	34.3	11.86	35.25	387	74	P	V
	*	5210	94.57	-	-	83.66	34.3	11.86	35.25	387	74	A	V
		5355.84	49.11	-24.89	74	37.95	34.4	11.94	35.18	387	74	P	V
		5432.84	40.94	-13.06	54	29.46	34.6	12.02	35.14	387	74	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 0+1	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		5150	57.41	-16.59	74	46.7	34.2	11.79	35.28	100	116	P	H
		5147	48.24	-5.76	54	37.53	34.2	11.79	35.28	100	116	A	H
	*	5260	116.04	-	-	105.01	34.37	11.89	35.23	100	116	P	H
	*	5260	109.35	-	-	98.32	34.37	11.89	35.23	100	116	A	H
		5351.76	53.04	-20.96	74	41.88	34.4	11.94	35.18	100	116	P	H
		5352	46.71	-7.29	54	35.55	34.4	11.94	35.18	100	116	A	H
		5141.4	52.74	-21.26	74	42.05	34.2	11.78	35.29	375	80	P	V
		5140.35	44.41	-9.59	54	33.72	34.2	11.78	35.29	375	80	A	V
	*	5260	113.2	-	-	102.17	34.37	11.89	35.23	375	80	P	V
	*	5260	106.25	-	-	95.22	34.37	11.89	35.23	375	80	A	V
		5384.16	49.79	-24.21	74	38.47	34.53	11.96	35.17	375	80	P	V
		5399.76	42.76	-11.24	54	31.35	34.6	11.97	35.16	375	80	A	V
802.11a CH 60 5300MHz		5133.35	54.66	-19.34	74	43.98	34.2	11.77	35.29	100	117	P	H
		5147	46.51	-7.49	54	35.8	34.2	11.79	35.28	100	117	A	H
	*	5300	116.77	-	-	105.56	34.5	11.91	35.2	100	117	P	H
	*	5300	109.84	-	-	98.63	34.5	11.91	35.2	100	117	A	H
		5353.68	56.13	-17.87	74	44.97	34.4	11.94	35.18	100	117	P	H
		5350.08	48.78	-5.22	54	37.62	34.4	11.94	35.18	100	117	A	H
		5150	50.54	-23.46	74	39.83	34.2	11.79	35.28	370	87	P	V
		5150	42.56	-11.44	54	31.85	34.2	11.79	35.28	370	87	A	V
	*	5300	113.87	-	-	102.66	34.5	11.91	35.2	370	87	P	V
	*	5300	106.77	-	-	95.56	34.5	11.91	35.2	370	87	A	V
		5425.92	51.33	-22.67	74	39.86	34.6	12.01	35.14	370	87	P	V
		5352.72	43.46	-10.54	54	32.3	34.4	11.94	35.18	370	87	A	V

802.11a CH 64 5320MHz	*	5320	115.82	-	-	104.63	34.47	11.92	35.2	100	116	P	H
	*	5320	108.88	-	-	97.69	34.47	11.92	35.2	100	116	A	H
		5350.88	63.28	-10.72	74	52.12	34.4	11.94	35.18	100	116	P	H
		5353.44	51.66	-2.34	54	40.5	34.4	11.94	35.18	100	116	A	H
	*	5320	112.2	-	-	101.01	34.47	11.92	35.2	348	78	P	V
	*	5320	105.69	-	-	94.5	34.47	11.92	35.2	348	78	A	V
		5361.76	57.05	-16.95	74	45.81	34.47	11.95	35.18	348	78	P	V
		5350.08	46.26	-7.74	54	35.1	34.4	11.94	35.18	348	78	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	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	54.34	-13.86	68.2	57.37	37.6	18.49	59.12	100	0	P	H
		15780	55.67	-18.33	74	48.67	40.67	23.35	57.02	107	298	P	H
		15780	44.45	-9.55	54	37.45	40.67	23.35	57.02	107	298	A	H
		10520	50.49	-17.71	68.2	53.52	37.6	18.49	59.12	100	0	P	V
		15780	58.15	-15.85	74	51.15	40.67	23.35	57.02	100	299	P	V
		15780	48.47	-5.53	54	41.47	40.67	23.35	57.02	100	299	A	V
802.11a CH 60 5300MHz		10600	56.72	-17.28	74	59.45	37.6	18.55	58.88	100	262	P	H
		10600	48.61	-5.39	54	51.34	37.6	18.55	58.88	100	262	A	H
		15900	56.19	-17.81	74	48.66	40.8	23.45	56.72	100	299	P	H
		15900	45.83	-8.17	54	38.3	40.8	23.45	56.72	100	299	A	H
		10600	52.03	-21.97	74	54.76	37.6	18.55	58.88	354	301	P	V
		10600	43.37	-10.63	54	46.1	37.6	18.55	58.88	354	301	A	V
		15900	58.44	-15.56	74	50.91	40.8	23.45	56.72	100	291	P	V
		15900	49.65	-4.35	54	42.12	40.8	23.45	56.72	100	291	A	V
802.11a CH 64 5320MHz		10640	57.09	-16.91	74	59.86	37.63	18.58	58.98	100	264	P	H
		10640	49.36	-4.64	54	52.13	37.63	18.58	58.98	100	264	A	H
		15960	49.2	-24.8	74	41.63	40.93	23.5	56.86	100	0	P	H
		10640	48.3	-25.7	74	51.07	37.63	18.58	58.98	100	0	P	V
		15960	57.21	-16.79	74	49.64	40.93	23.5	56.86	100	291	P	V
		15960	46.13	-7.87	54	38.56	40.93	23.5	56.86	100	291	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 HE20 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5118.3	54.27	-19.73	74	43.6	34.2	11.76	35.29	100	118	P	H
		5142.8	46.62	-7.38	54	35.93	34.2	11.78	35.29	100	118	A	H
	*	5260	115.52	-	-	104.49	34.37	11.89	35.23	100	118	P	H
	*	5260	105.95	-	-	94.92	34.37	11.89	35.23	100	118	A	H
802.11ax		5351.04	52.72	-21.28	74	41.56	34.4	11.94	35.18	100	118	P	H
HE20 Full		5350.56	45.04	-8.96	54	33.88	34.4	11.94	35.18	100	118	A	H
CH 52		5141.75	50.86	-23.14	74	40.17	34.2	11.78	35.29	377	81	P	V
5260MHz		5143.15	43.25	-10.75	54	32.56	34.2	11.78	35.29	377	81	A	V
	*	5260	111.06	-	-	100.03	34.37	11.89	35.23	377	81	P	V
	*	5260	102.62	-	-	91.59	34.37	11.89	35.23	377	81	A	V
		5352.48	49.74	-24.26	74	38.58	34.4	11.94	35.18	377	81	P	V
		5373.36	41.96	-12.04	54	30.71	34.47	11.95	35.17	377	81	A	V
		5143.15	52.98	-21.02	74	42.29	34.2	11.78	35.29	100	118	P	H
		5141.05	46.06	-7.94	54	35.37	34.2	11.78	35.29	100	118	A	H
	*	5300	115.03	-	-	103.82	34.5	11.91	35.2	100	118	P	H
	*	5300	106.64	-	-	95.43	34.5	11.91	35.2	100	118	A	H
802.11ax		5365.68	55.19	-18.81	74	43.95	34.47	11.95	35.18	100	118	P	H
HE20 Full		5352.72	47.56	-6.44	54	36.4	34.4	11.94	35.18	100	118	A	H
CH 60		5144.2	51.04	-22.96	74	40.33	34.2	11.79	35.28	368	80	P	V
5300MHz		5148.4	43.17	-10.83	54	32.46	34.2	11.79	35.28	368	80	A	V
	*	5300	111.26	-	-	100.05	34.5	11.91	35.2	368	80	P	V
	*	5300	103.5	-	-	92.29	34.5	11.91	35.2	368	80	A	V
		5353.92	51.1	-22.9	74	39.94	34.4	11.94	35.18	368	80	P	V
		5350.8	43.45	-10.55	54	32.29	34.4	11.94	35.18	368	80	A	V

	*	5320	115.92	-	-	104.73	34.47	11.92	35.2	103	115	P	H
	*	5320	106.91	-	-	95.72	34.47	11.92	35.2	103	115	A	H
802.11ax		5355.2	56.32	-17.68	74	45.16	34.4	11.94	35.18	103	115	P	H
HE20 Full		5350.72	49.24	-4.76	54	38.08	34.4	11.94	35.18	103	115	A	H
CH 64	*	5320	111.58	-	-	100.39	34.47	11.92	35.2	348	79	P	V
5320MHz	*	5320	103.47	-	-	92.28	34.47	11.92	35.2	348	79	A	V
		5350.88	52.76	-21.24	74	41.6	34.4	11.94	35.18	348	79	P	V
		5350.88	45.07	-8.93	54	33.91	34.4	11.94	35.18	348	79	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 HE20 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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	53.16	-15.04	68.2	56.19	37.6	18.49	59.12	100	0	P	H
		15780	48.93	-25.07	74	41.93	40.67	23.35	57.02	100	0	P	H
		10520	47.08	-21.12	68.2	50.11	37.6	18.49	59.12	100	0	P	V
		15780	54.94	-19.06	74	47.94	40.67	23.35	57.02	100	299	P	V
		15780	47.22	-6.78	54	40.22	40.67	21.75	57.02	100	299	A	V
802.11ax HE20 Full CH 60 5300MHz		10600	55.1	-18.9	74	57.97	37.6	18.55	59.02	100	265	P	H
		10600	47.15	-6.85	54	50.02	37.6	18.55	59.02	100	265	A	H
		15900	48.54	-25.46	74	41.21	40.8	23.45	56.92	100	0	P	H
		10600	48.01	-25.99	74	50.88	37.6	18.55	59.02	100	0	P	V
		15900	50.59	-23.41	74	43.26	40.8	23.45	56.92	100	0	P	V
802.11ax HE20 Full CH 64 5320MHz		10640	55.17	-18.83	74	57.94	37.63	18.58	58.98	100	265	P	H
		10640	47.86	-6.14	54	50.63	37.63	18.58	58.98	100	265	A	H
		15960	47.84	-26.16	74	40.27	40.93	23.5	56.86	100	0	P	H
		10640	48.48	-25.52	74	51.25	37.63	18.58	58.98	100	0	P	V
		15960	49.63	-24.37	74	42.06	40.93	23.5	56.86	100	0	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 Partial 26 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 64 5320MHz	*	5320	112.27	-	-	101.08	34.47	11.92	35.2	100	116	P	H
	*	5320	103.5	-	-	92.31	34.47	11.92	35.2	100	116	A	H
		5387.84	50.55	-23.45	74	39.23	34.53	11.96	35.17	100	116	P	H
		5351.52	41.96	-12.04	54	30.8	34.4	11.94	35.18	100	116	A	H
	*	5320	106.79	-	-	95.6	34.47	11.92	35.2	384	66	P	V
	*	5320	100.24	-	-	89.05	34.47	11.92	35.2	384	66	A	V
		5423.04	49.12	-24.88	74	37.67	34.6	12.01	35.16	384	66	P	V
		5356.8	41.45	-12.55	54	30.29	34.4	11.94	35.18	384	66	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 HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/40 CH 64 5320MHz	*	5320	112.21	-	-	101.02	34.47	11.92	35.2	100	115	P	H
	*	5320	104.23	-	-	93.04	34.47	11.92	35.2	100	115	A	H
		5357.12	50.82	-23.18	74	39.66	34.4	11.94	35.18	100	115	P	H
		5353.44	43.21	-10.79	54	32.05	34.4	11.94	35.18	100	115	A	H
	*	5320	108.54	-	-	97.35	34.47	11.92	35.2	388	67	P	V
	*	5320	102.1	-	-	90.91	34.47	11.92	35.2	388	67	A	V
		5357.28	49.7	-24.3	74	38.54	34.4	11.94	35.18	388	67	P	V
		5357.6	41.76	-12.24	54	30.6	34.4	11.94	35.18	388	67	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 HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 64 5320MHz	*	5320	112.48	-	-	101.29	34.47	11.92	35.2	104	115	P	H
	*	5320	104.54	-	-	93.35	34.47	11.92	35.2	104	115	A	H
		5351.52	52.36	-21.64	74	41.2	34.4	11.94	35.18	104	115	P	H
		5350.08	45.18	-8.82	54	34.02	34.4	11.94	35.18	104	115	A	H
	*	5320	109.52	-	-	98.33	34.47	11.92	35.2	365	72	P	V
	*	5320	102.1	-	-	90.91	34.47	11.92	35.2	365	72	A	V
		5376.64	50.68	-23.32	74	39.42	34.47	11.96	35.17	365	72	P	V
		5351.2	43.08	-10.92	54	31.92	34.4	11.94	35.18	365	72	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5148.05	55.37	-18.63	74	44.66	34.2	11.79	35.28	100	115	P	H
		5149.1	48.05	-5.95	54	37.34	34.2	11.79	35.28	100	115	A	H
	*	5270	111.19	-	-	100.16	34.37	11.89	35.23	100	115	P	H
	*	5270	104.15	-	-	93.12	34.37	11.89	35.23	100	115	A	H
802.11ax		5364.24	54.67	-19.33	74	43.43	34.47	11.95	35.18	100	115	P	H
HE40 Full		5350.32	47.57	-6.43	54	36.41	34.4	11.94	35.18	100	115	A	H
CH 54		5136.85	52.02	-21.98	74	41.33	34.2	11.78	35.29	398	80	P	V
5270MHz		5130.9	44.14	-9.86	54	33.46	34.2	11.77	35.29	398	80	A	V
	*	5270	108.26	-	-	97.23	34.37	11.89	35.23	398	80	P	V
	*	5270	101.32	-	-	90.29	34.37	11.89	35.23	398	80	A	V
		5352.96	51.64	-22.36	74	40.48	34.4	11.94	35.18	398	80	P	V
		5352.96	43.61	-10.39	54	32.45	34.4	11.94	35.18	398	80	A	V
		5134.4	52.35	-21.65	74	41.67	34.2	11.77	35.29	100	115	P	H
		5148.75	45.78	-8.22	54	35.07	34.2	11.79	35.28	100	115	A	H
	*	5310	113.05	-	-	101.86	34.47	11.92	35.2	100	115	P	H
	*	5310	104.38	-	-	93.19	34.47	11.92	35.2	100	115	A	H
802.11ax		5352.48	60.55	-13.45	74	49.39	34.4	11.94	35.18	100	115	P	H
HE40 Full		5350.32	52.32	-1.68	54	41.16	34.4	11.94	35.18	100	115	A	H
CH 62		5122.5	50.23	-23.77	74	39.56	34.2	11.76	35.29	369	85	P	V
5310MHz		5149.45	42.95	-11.05	54	32.24	34.2	11.79	35.28	369	85	A	V
	*	5310	107.94	-	-	96.75	34.47	11.92	35.2	369	85	P	V
	*	5310	100.38	-	-	89.19	34.47	11.92	35.2	369	85	A	V
		5354.4	54.69	-19.31	74	43.53	34.4	11.94	35.18	369	85	P	V
		5350.32	46.26	-7.74	54	35.1	34.4	11.94	35.18	369	85	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. 0+1	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	50.11	-18.09	68.2	53.1	37.6	18.5	59.09	100	0	P	H
		15810	47.92	-26.08	74	40.84	40.7	23.37	56.99	100	0	P	H
		10540	45.72	-22.48	68.2	48.71	37.6	18.5	59.09	100	0	P	V
		15810	47.58	-26.42	74	40.5	40.7	23.37	56.99	100	0	P	V
802.11ax HE40 Full CH 62 5310MHz		10620	53.78	-20.22	74	56.59	37.62	18.57	59	105	264	P	H
		10620	45.53	-8.47	54	48.34	37.62	18.57	59	105	264	A	H
		15930	49.12	-24.88	74	41.66	40.87	23.48	56.89	100	0	P	H
		10620	46.33	-27.67	74	49.14	37.62	18.57	59	100	0	P	V
		15930	48.88	-25.12	74	41.42	40.87	23.48	56.89	100	0	P	V
		10620	46.33	-27.67	74	49.14	37.62	18.57	59	100	0	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 HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 0+1	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 Partial 242/62 CH 62 5310MHz		5148.75	53.03	-20.97	74	42.32	34.2	11.79	35.28	100	115	P	H
		5150	44.46	-9.54	54	33.75	34.2	11.79	35.28	100	115	A	H
	*	5310	110.35	-	-	99.16	34.47	11.92	35.2	100	115	P	H
	*	5310	103.07	-	-	91.88	34.47	11.92	35.2	100	115	A	H
		5350.08	57.87	-16.13	74	46.71	34.4	11.94	35.18	100	115	P	H
		5350.56	49.03	-4.97	54	37.87	34.4	11.94	35.18	100	115	A	H
		5145.95	50.57	-23.43	74	39.86	34.2	11.79	35.28	369	79	P	V
		5150	42.89	-11.11	54	32.18	34.2	11.79	35.28	369	79	A	V
	*	5310	108.25	-	-	97.06	34.47	11.92	35.2	369	79	P	V
	*	5310	101.54	-	-	90.35	34.47	11.92	35.2	369	79	A	V
		5350.08	52.94	-21.06	74	41.78	34.4	11.94	35.18	369	79	P	V
		5350.08	45.99	-8.01	54	34.83	34.4	11.94	35.18	369	79	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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		5149.45	53.65	-20.35	74	42.94	34.2	11.79	35.28	100	114	P	H
		5128.8	46.13	-7.87	54	35.45	34.2	11.77	35.29	100	114	A	H
	*	5290	106.15	-	-	95.04	34.43	11.9	35.22	100	114	P	H
	*	5290	99.04	-	-	87.93	34.43	11.9	35.22	100	114	A	H
		5350.32	54.81	-19.19	74	43.65	34.4	11.94	35.18	100	114	P	H
		5354.64	51.53	-2.47	54	40.37	34.4	11.94	35.18	100	114	A	H
		5115.15	50.62	-23.38	74	39.97	34.2	11.75	35.3	400	86	P	V
		5132.3	43.94	-10.06	54	33.26	34.2	11.77	35.29	400	86	A	V
	*	5290	101.42	-	-	90.31	34.43	11.9	35.22	400	86	P	V
	*	5290	94.92	-	-	83.81	34.43	11.9	35.22	400	86	A	V
		5350.08	52.16	-21.84	74	41	34.4	11.94	35.18	400	86	P	V
		5350.08	46.82	-7.18	54	35.66	34.4	11.94	35.18	400	86	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. 0+1	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		10580	46.7	-21.5	68.2	49.61	37.6	18.54	59.05	100	0	P	H
HE80 Full		15870	47.61	-26.39	74	40.34	40.78	23.43	56.94	100	0	P	H
CH 58		10580	44.21	-23.99	68.2	47.12	37.6	18.54	59.05	100	0	P	V
5290MHz		15870	47.83	-26.17	74	40.56	40.78	23.43	56.94	100	0	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 HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+1	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 Partial 484/66 CH 58 5290MHz		5134.05	51.38	-22.62	74	40.7	34.2	11.77	35.29	100	119	P	H
		5139.65	43.32	-10.68	54	32.63	34.2	11.78	35.29	100	119	A	H
	*	5290	106.97	-	-	95.86	34.43	11.9	35.22	100	119	P	H
	*	5290	97.65	-	-	86.54	34.43	11.9	35.22	100	119	A	H
		5350.56	53.7	-20.3	74	42.54	34.4	11.94	35.18	100	119	P	H
		5350.56	45.99	-8.01	54	34.83	34.4	11.94	35.18	100	119	A	H
		5150	50.47	-23.53	74	39.76	34.2	11.79	35.28	364	78	P	V
		5149.8	42.04	-11.96	54	31.33	34.2	11.79	35.28	364	78	A	V
	*	5290	102.91	-	-	91.8	34.43	11.9	35.22	364	78	P	V
	*	5290	95.91	-	-	84.8	34.43	11.9	35.22	364	78	A	V
		5351.28	51.9	-22.1	74	40.74	34.4	11.94	35.18	364	78	P	V
		5353.68	44.45	-9.55	54	33.29	34.4	11.94	35.18	364	78	A	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. 0+1	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		5456.24	56.94	-17.06	74	45.41	34.6	12.06	35.13	100	112	P	H
		5469.84	62.63	-5.57	68.2	51.01	34.67	12.08	35.13	100	112	P	H
		5460	49.92	-4.08	54	38.39	34.6	12.06	35.13	100	112	A	H
	*	5500	116.64	-	-	104.84	34.8	12.12	35.12	100	112	P	H
	*	5500	110.1	-	-	98.3	34.8	12.12	35.12	100	112	A	H
		5364.56	50.92	-23.08	74	39.68	34.47	11.95	35.18	400	240	P	V
		5469.36	60.56	-7.64	68.2	48.94	34.67	12.08	35.13	400	240	P	V
		5459.44	44.48	-9.52	54	32.95	34.6	12.06	35.13	400	240	A	V
	*	5500	111.56	-	-	99.76	34.8	12.12	35.12	400	240	P	V
	*	5500	105.17	-	-	93.37	34.8	12.12	35.12	400	240	A	V
802.11a CH 116 5580MHz		5450.8	52.19	-21.81	74	40.67	34.6	12.05	35.13	100	115	P	H
		5469.04	52.46	-15.74	68.2	40.84	34.67	12.08	35.13	100	115	P	H
		5456.08	45.37	-8.63	54	33.84	34.6	12.06	35.13	100	115	A	H
	*	5580	116.64	-	-	104.8	34.73	12.25	35.14	100	115	P	H
	*	5580	109.54	-	-	97.7	34.73	12.25	35.14	100	115	A	H
		5726.57	53.84	-14.36	68.2	41.89	34.7	12.41	35.16	100	115	P	H
		5459.92	49.48	-24.52	74	37.95	34.6	12.06	35.13	374	76	P	V
		5467.36	48.91	-19.29	68.2	37.3	34.67	12.07	35.13	374	76	P	V
		5457.76	42.94	-11.06	54	31.41	34.6	12.06	35.13	374	76	A	V
	*	5580	112.34	-	-	100.5	34.73	12.25	35.14	374	76	P	V
	*	5580	105.34	-	-	93.5	34.73	12.25	35.14	374	76	A	V
		5732.555	49.76	-18.44	68.2	37.82	34.7	12.41	35.17	374	76	P	V

802.11a CH 140 5700MHz	*	5700	116.18	-	-	104.26	34.7	12.38	35.16	100	116	P	H
	*	5700	108.62	-	-	96.7	34.7	12.38	35.16	100	116	A	H
		5727.64	58.38	-9.82	68.2	46.43	34.7	12.41	35.16	100	116	P	H
	*	5700	111.88	-	-	99.96	34.7	12.38	35.16	358	84	P	V
	*	5700	104.75	-	-	92.83	34.7	12.38	35.16	358	84	A	V
		5725.72	54.26	-13.94	68.2	42.31	34.7	12.41	35.16	358	84	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0+1	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	53.82	-20.18	74	55.77	37.9	18.84	58.69	100	251	P	H
		11000	45.78	-8.22	54	47.73	37.9	18.84	58.69	100	251	A	H
		16500	53.59	-14.61	68.2	43.78	42.1	24.13	56.42	100	0	P	H
		11000	47.91	-26.09	74	49.86	37.9	18.84	58.69	100	0	P	V
		16500	61.4	-6.8	68.2	51.59	42.1	24.13	56.42	100	0	P	V
802.11a CH 116 5580MHz		11160	51.18	-22.82	74	52.54	37.9	18.97	58.23	100	0	P	H
		11160	45.15	-8.85	54	46.51	37.9	18.97	58.23	100	0	A	H
		16740	50.48	-17.72	68.2	40.6	42.14	24.41	56.67	100	0	P	H
		11160	46.79	-27.21	74	48.15	37.9	18.97	58.23	100	0	P	V
		16740	52.37	-15.83	68.2	42.49	42.14	24.41	56.67	100	0	P	V
802.11a CH 140 5700MHz		11400	51.33	-22.67	74	51.77	38.1	19.19	57.73	100	272	P	H
		11400	45.11	-8.89	54	45.55	38.1	19.19	57.73	100	272	A	H
		17100	51.11	-17.09	68.2	41.23	41.7	24.8	56.62	100	0	P	H
		11400	48.91	-25.09	74	49.35	38.1	19.19	57.73	100	0	P	V
		17100	52.04	-16.16	68.2	42.16	41.7	24.8	56.62	100	0	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 HE20 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5435.28	55.28	-18.72	74	43.8	34.6	12.02	35.14	100	115	P	H
		5469.2	56.01	-12.19	68.2	44.39	34.67	12.08	35.13	100	115	P	H
		5445.84	48.47	-5.53	54	36.97	34.6	12.04	35.14	100	115	A	H
802.11ax	*	5500	114.86	-	-	103.06	34.8	12.12	35.12	100	115	P	H
HE20 Full	*	5500	105.4	-	-	93.6	34.8	12.12	35.12	100	115	A	H
CH 100		5428.4	51.21	-22.79	74	39.74	34.6	12.01	35.14	362	82	P	V
5500MHz		5464.08	51.07	-17.13	68.2	39.46	34.67	12.07	35.13	362	82	P	V
		5458.48	44.05	-9.95	54	32.52	34.6	12.06	35.13	362	82	A	V
	*	5500	111.79	-	-	99.99	34.8	12.12	35.12	362	82	P	V
	*	5500	102.36	-	-	90.56	34.8	12.12	35.12	362	82	A	V
		5452.72	51.49	-22.51	74	39.97	34.6	12.05	35.13	100	115	P	H
		5462.32	51.23	-16.97	68.2	39.69	34.6	12.07	35.13	100	115	P	H
		5458.72	44.25	-9.75	54	32.72	34.6	12.06	35.13	100	115	A	H
	*	5580	114.31	-	-	102.47	34.73	12.25	35.14	100	115	P	H
802.11ax	*	5580	105.94	-	-	94.1	34.73	12.25	35.14	100	115	A	H
HE20 Full		5736.65	51.18	-17.02	68.2	39.23	34.7	12.42	35.17	100	115	P	H
CH 116		5388.88	49.24	-24.76	74	37.92	34.53	11.96	35.17	374	75	P	V
5580MHz		5465.68	49.23	-18.97	68.2	37.62	34.67	12.07	35.13	374	75	P	V
		5458.48	42.42	-11.58	54	30.89	34.6	12.06	35.13	374	75	A	V
	*	5580	110.06	-	-	98.22	34.73	12.25	35.14	374	75	P	V
	*	5580	102.24	-	-	90.4	34.73	12.25	35.14	374	75	A	V
		5747.36	50.49	-17.71	68.2	38.53	34.7	12.43	35.17	374	75	P	V

802.11ax HE20 Full CH 140 5700MHz	*	5700	116.03	-	-	104.11	34.7	12.38	35.16	100	116	P	H
	*	5700	106.62	-	-	94.7	34.7	12.38	35.16	100	116	A	H
		5728.2	59.5	-8.7	68.2	47.55	34.7	12.41	35.16	100	116	P	H
	*	5700	112.52	-	-	100.6	34.7	12.38	35.16	375	78	P	V
	*	5700	102.42	-	-	90.5	34.7	12.38	35.16	375	78	A	V
		5725.08	54.73	-13.47	68.2	42.78	34.7	12.41	35.16	375	78	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 HE20 (Harmonic @ 3m)

WIFI Ant. 0+1	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	51.78	-22.22	74	53.6	37.9	18.84	58.56	100	263	P	H
		11000	44.08	-9.92	54	45.9	37.9	18.84	58.56	100	263	A	H
		16500	50.12	-18.08	68.2	40.53	42.1	24.13	56.64	100	0	P	H
		11000	46.4	-27.6	74	48.22	37.9	18.84	58.56	100	0	P	V
		16500	52.43	-15.77	68.2	42.84	42.1	24.13	56.64	100	0	P	V
802.11ax HE20 Full CH 116 5580MHz		11160	52.55	-21.45	74	53.91	37.9	18.97	58.23	100	271	P	H
		11160	42.58	-11.42	54	43.94	37.9	18.97	58.23	100	271	A	H
		16740	49.3	-18.9	68.2	39.42	42.14	24.41	56.67	100	0	P	H
		11160	46.11	-27.89	74	47.47	37.9	18.97	58.23	100	0	P	V
		16740	49.4	-18.8	68.2	39.52	42.14	24.41	56.67	100	0	P	V
802.11ax HE20 Full CH 140 5700MHz		11400	53.5	-20.5	74	53.94	38.1	19.19	57.73	100	272	P	H
		11400	43.95	-10.05	54	44.39	38.1	19.19	57.73	100	272	A	H
		17100	51.11	-17.09	68.2	41.23	41.7	24.8	56.62	100	0	P	H
		11400	47.88	-26.12	74	48.32	38.1	19.19	57.73	100	0	P	V
		17100	50.45	-17.75	68.2	40.57	41.7	24.8	56.62	100	0	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 HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 0+1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5371.76	50.96	-23.04	74	39.72	34.47	11.95	35.18	108	116	P	H
		5467.28	50.24	-17.96	68.2	38.63	34.67	12.07	35.13	108	116	P	H
		5457.68	42.43	-11.57	54	30.9	34.6	12.06	35.13	108	116	A	H
	*	5500	111.05	-	-	99.25	34.8	12.12	35.12	108	116	P	H
	*	5500	104.51	-	-	92.71	34.8	12.12	35.12	108	116	A	H
		5456.24	50.23	-23.77	74	38.7	34.6	12.06	35.13	382	80	P	V
		5468.72	49.75	-18.45	68.2	38.13	34.67	12.08	35.13	382	80	P	V
		5457.36	41.67	-12.33	54	30.14	34.6	12.06	35.13	382	80	A	V
	*	5500	106.98	-	-	95.18	34.8	12.12	35.12	382	80	P	V
	*	5500	100.94	-	-	89.14	34.8	12.12	35.12	382	80	A	V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	110.07	-	-	98.15	34.7	12.38	35.16	100	113	P	H
	*	5700	102.42	-	-	90.5	34.7	12.38	35.16	100	113	A	H
		5725.64	57.78	-10.42	68.2	45.83	34.7	12.41	35.16	100	113	P	H
	*	5700	107.1	-	-	95.18	34.7	12.38	35.16	376	83	P	V
	*	5700	98.72	-	-	86.8	34.7	12.38	35.16	376	83	A	V
		5727.08	51.96	-16.24	68.2	40.01	34.7	12.41	35.16	376	83	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 HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5442.48	51.56	-22.44	74	40.06	34.6	12.04	35.14	100	114	P	H
		5466.16	50.8	-17.4	68.2	39.19	34.67	12.07	35.13	100	114	P	H
802.11ax		5459.12	43.12	-10.88	54	31.59	34.6	12.06	35.13	100	114	A	H
HE20	*	5500	110.86	-	-	99.06	34.8	12.12	35.12	100	114	P	H
Partial	*	5500	103.51	-	-	91.71	34.8	12.12	35.12	100	114	A	H
52/37		5368.88	50.34	-23.66	74	39.1	34.47	11.95	35.18	382	80	P	V
CH 100		5464.4	51.12	-17.08	68.2	39.51	34.67	12.07	35.13	382	80	P	V
5500MHz		5456.24	42.33	-11.67	54	30.8	34.6	12.06	35.13	382	80	A	V
	*	5500	109.93	-	-	98.13	34.8	12.12	35.12	382	80	P	V
	*	5500	101.73	-	-	89.93	34.8	12.12	35.12	382	80	A	V
802.11ax	*	5700	113.42	-	-	101.5	34.7	12.38	35.16	100	113	P	H
HE20	*	5700	103.42	-	-	91.5	34.7	12.38	35.16	100	113	A	H
Partial		5726.12	60.28	-7.92	68.2	48.33	34.7	12.41	35.16	100	113	P	H
52/40	*	5700	110.51	-	-	98.59	34.7	12.38	35.16	376	83	P	V
CH 140	*	5700	102.12	-	-	90.2	34.7	12.38	35.16	376	83	A	V
5700MHz		5725.16	56.75	-11.45	68.2	44.8	34.7	12.41	35.16	376	83	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 HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5438.8	53.39	-20.61	74	41.9	34.6	12.03	35.14	100	114	P	H
		5468.56	52.8	-15.4	68.2	41.18	34.67	12.08	35.13	100	114	P	H
802.11ax		5458.16	44.71	-9.29	54	33.18	34.6	12.06	35.13	100	114	A	H
HE20	*	5500	112.88	-	-	101.08	34.8	12.12	35.12	100	114	P	H
Partial	*	5500	103.96	-	-	92.16	34.8	12.12	35.12	100	114	A	H
106/53		5377.84	51.5	-22.5	74	40.18	34.53	11.96	35.17	382	81	P	V
CH 100		5464.56	51.76	-16.44	68.2	40.15	34.67	12.07	35.13	382	81	P	V
5500MHz		5459.76	43.32	-10.68	54	31.79	34.6	12.06	35.13	382	81	A	V
	*	5500	109.86	-	-	98.06	34.8	12.12	35.12	382	81	P	V
	*	5500	102.23	-	-	90.43	34.8	12.12	35.12	382	81	A	V
802.11ax	*	5700	112.2	-	-	100.28	34.7	12.38	35.16	100	113	P	H
HE20	*	5700	102.25	-	-	90.33	34.7	12.38	35.16	100	113	A	H
Partial		5725.24	58.95	-9.25	68.2	47	34.7	12.41	35.16	100	113	P	H
106/54	*	5700	107.39	-	-	95.47	34.7	12.38	35.16	377	82	P	V
CH 140	*	5700	98.5	-	-	86.58	34.7	12.38	35.16	377	82	A	V
5700MHz		5727.32	52.74	-15.46	68.2	40.79	34.7	12.41	35.16	377	82	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5459.44	57.55	-16.45	74	46.02	34.6	12.06	35.13	105	114	P	H
		5469.04	58.98	-9.22	68.2	47.36	34.67	12.08	35.13	105	114	P	H
		5459.2	50.99	-3.01	54	39.46	34.6	12.06	35.13	105	114	A	H
	*	5510	112.57	-	-	100.75	34.8	12.14	35.12	105	114	P	H
802.11ax	*	5510	104.52	-	-	92.7	34.8	12.14	35.12	105	114	A	H
HE40 Full		5725.625	50.71	-17.49	68.2	38.76	34.7	12.41	35.16	105	114	P	H
CH 102		5454.64	54.21	-19.79	74	42.69	34.6	12.05	35.13	363	81	P	V
5510MHz		5464.96	54.33	-13.87	68.2	42.72	34.67	12.07	35.13	363	81	P	V
		5457.76	46.59	-7.41	54	35.06	34.6	12.06	35.13	363	81	A	V
	*	5510	107.2	-	-	95.38	34.8	12.14	35.12	363	81	P	V
	*	5510	100.22	-	-	88.4	34.8	12.14	35.12	363	81	A	V
		5759.96	49.04	-19.16	68.2	37.04	34.73	12.44	35.17	363	81	P	V
		5439.52	53.07	-20.93	74	41.58	34.6	12.03	35.14	103	116	P	H
		5468.32	55.49	-12.71	68.2	43.87	34.67	12.08	35.13	103	116	P	H
		5459.92	47.4	-6.6	54	35.87	34.6	12.06	35.13	103	116	A	H
	*	5550	112.37	-	-	100.6	34.7	12.2	35.13	103	116	P	H
802.11ax	*	5550	104.07	-	-	92.3	34.7	12.2	35.13	103	116	A	H
HE40 Full		5753.345	50.28	-17.92	68.2	38.29	34.73	12.43	35.17	103	116	P	H
CH 110		5385.76	50.76	-23.24	74	39.44	34.53	11.96	35.17	380	82	P	V
5550MHz		5460.4	50.51	-17.69	68.2	38.98	34.6	12.06	35.13	380	82	P	V
		5456.08	43.7	-10.3	54	32.17	34.6	12.06	35.13	380	82	A	V
	*	5550	108.87	-	-	97.1	34.7	12.2	35.13	380	82	P	V
	*	5550	100.07	-	-	88.3	34.7	12.2	35.13	380	82	A	V
		5762.48	49	-19.2	68.2	37	34.73	12.44	35.17	380	82	P	V

		5413	50.28	-23.72	74	38.85	34.6	11.99	35.16	100	115	P	H
		5461.3	48.51	-19.69	68.2	36.97	34.6	12.07	35.13	100	115	P	H
		5450.8	42.58	-11.42	54	31.06	34.6	12.05	35.13	100	115	A	H
	*	5670	112.41	-	-	100.61	34.6	12.35	35.15	100	115	P	H
802.11ax	*	5670	104.2	-	-	92.4	34.6	12.35	35.15	100	115	A	H
HE40 Full		5725.275	58.32	-9.88	68.2	46.37	34.7	12.41	35.16	100	115	P	H
CH 134		5435.4	48.71	-25.29	74	37.23	34.6	12.02	35.14	361	82	P	V
5670MHz		5460.95	48.04	-20.16	68.2	36.51	34.6	12.06	35.13	361	82	P	V
		5376.25	40.97	-13.03	54	29.71	34.47	11.96	35.17	361	82	A	V
	*	5670	109.11	-	-	97.31	34.6	12.35	35.15	361	82	P	V
	*	5670	101.1	-	-	89.3	34.6	12.35	35.15	361	82	A	V
		5725.275	53.61	-14.59	68.2	41.66	34.7	12.41	35.16	361	82	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. 0+1	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		11020	48.62	-25.38	74	50.39	37.9	18.85	58.52	100	0	P	H
HE40 Full		16530	49.91	-18.29	68.2	40.39	42	24.16	56.64	100	0	P	H
CH 102		11020	46.39	-27.61	74	48.16	37.9	18.85	58.52	100	0	P	V
5510MHz		16530	50.2	-18	68.2	40.68	42	24.16	56.64	100	0	P	V
802.11ax		11100	48.95	-25.05	74	50.48	37.9	18.92	58.35	100	0	P	H
HE40 Full		16650	50.14	-18.06	68.2	40.55	41.95	24.3	56.66	100	0	P	H
CH 110		11100	44.82	-29.18	74	46.35	37.9	18.92	58.35	100	0	P	V
5550MHz		16650	50.06	-18.14	68.2	40.47	41.95	24.3	56.66	100	0	P	V
802.11ax		11340	49.33	-24.67	74	49.95	38.1	19.13	57.85	100	0	P	H
HE40 Full		17010	50.59	-17.61	68.2	40.79	41.78	24.72	56.7	100	0	P	H
CH 134		11340	47.15	-26.85	74	47.77	38.1	19.13	57.85	100	0	P	V
5670MHz		17010	49.7	-18.5	68.2	39.9	41.78	24.72	56.7	100	0	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 Partial 242 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5459.2	54.97	-19.03	74	43.44	34.6	12.06	35.13	100	115	P	H
		5469.52	59.11	-9.09	68.2	47.49	34.67	12.08	35.13	100	115	P	H
		5459.92	47.56	-6.44	54	36.03	34.6	12.06	35.13	100	115	A	H
802.11ax	*	5510	111.68	-	-	99.86	34.8	12.14	35.12	100	115	P	H
HE40	*	5510	102.4	-	-	90.58	34.8	12.14	35.12	100	115	A	H
Partial		5731.61	51.13	-17.07	68.2	39.19	34.7	12.41	35.17	100	115	P	H
242/61		5459.2	52.91	-21.09	74	41.38	34.6	12.06	35.13	343	82	P	V
CH 102		5468.32	55.7	-12.5	68.2	44.08	34.67	12.08	35.13	343	82	P	V
5510MHz		5459.68	44.76	-9.24	54	33.23	34.6	12.06	35.13	343	82	A	V
	*	5510	107.4	-	-	95.6	34.8	12.12	35.12	343	82	P	V
	*	5510	101.5	-	-	89.7	34.8	12.12	35.12	343	82	A	V
		5742.95	49.77	-18.43	68.2	37.82	34.7	12.42	35.17	343	82	P	V
		5458.15	50.33	-23.67	74	38.8	34.6	12.06	35.13	100	114	P	H
		5468.65	50.58	-17.62	68.2	38.96	34.67	12.08	35.13	100	114	P	H
		5455	41.95	-12.05	54	30.42	34.6	12.06	35.13	100	114	A	H
802.11ax	*	5670	110.45	-	-	98.65	34.6	12.35	35.15	100	114	P	H
HE40	*	5670	102.2	-	-	90.4	34.6	12.35	35.15	100	114	A	H
Partial		5725	55.01	-13.19	68.2	43.07	34.7	12.4	35.16	100	114	P	H
242/62		5439.95	49.4	-24.6	74	37.91	34.6	12.03	35.14	340	79	P	V
CH 134		5463.05	48.6	-19.6	68.2	36.99	34.67	12.07	35.13	340	79	P	V
5670MHz		5454.3	41.3	-12.7	54	29.78	34.6	12.05	35.13	340	79	A	V
	*	5670	108.03	-	-	96.23	34.6	12.35	35.15	340	79	P	V
	*	5670	100.6	-	-	88.8	34.6	12.35	35.15	340	79	A	V
		5727.2	54.3	-13.9	68.2	42.35	34.7	12.41	35.16	340	79	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 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5444.08	56.17	-17.83	74	44.67	34.6	12.04	35.14	100	116	P	H
		5469.28	56.6	-11.6	68.2	44.98	34.67	12.08	35.13	100	116	P	H
		5453.92	51.71	-2.29	54	40.19	34.6	12.05	35.13	100	116	A	H
	*	5530	103.41	-	-	91.6	34.77	12.17	35.13	100	116	P	H
802.11ax	*	5530	97.58	-	-	85.77	34.77	12.17	35.13	100	116	A	H
HE80 Full		5748.305	48.75	-19.45	68.2	36.79	34.7	12.43	35.17	100	116	P	H
CH 106		5384.08	51.1	-22.9	74	39.78	34.53	11.96	35.17	398	83	P	V
5530MHz		5463.52	50.3	-17.9	68.2	38.69	34.67	12.07	35.13	398	83	P	V
		5438.56	48.15	-5.85	54	36.66	34.6	12.03	35.14	398	83	A	V
	*	5530	100.21	-	-	88.4	34.77	12.17	35.13	398	83	P	V
	*	5530	94.32	-	-	82.51	34.77	12.17	35.13	398	83	A	V
		5759.645	49.56	-18.64	68.2	37.56	34.73	12.44	35.17	398	83	P	V
		5447.65	52.33	-21.67	74	40.83	34.6	12.04	35.14	100	117	P	H
		5467.6	51.99	-16.21	68.2	40.38	34.67	12.07	35.13	100	117	P	H
		5453.95	47.16	-6.84	54	35.64	34.6	12.05	35.13	100	117	A	H
	*	5610	107.25	-	-	95.3	34.8	12.29	35.14	100	117	P	H
802.11ax	*	5610	101.85	-	-	89.9	34.8	12.29	35.14	100	117	A	H
HE80 Full		5730	53.98	-14.22	68.2	42.03	34.7	12.41	35.16	100	117	P	H
CH 122		5459.9	49.15	-24.85	74	37.62	34.6	12.06	35.13	348	84	P	V
5610MHz		5469.7	51.45	-16.75	68.2	39.83	34.67	12.08	35.13	348	84	P	V
		5459.9	45.77	-8.23	54	34.24	34.6	12.06	35.13	348	84	A	V
	*	5610	105.2	-	-	93.25	34.8	12.29	35.14	348	84	P	V
	*	5610	98.28	-	-	86.33	34.8	12.29	35.14	348	84	A	V
		5732.45	53.64	-14.56	68.2	41.7	34.7	12.41	35.17	348	84	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. 0+1	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		11060	45.17	-28.83	74	46.82	37.9	18.89	58.44	100	0	P	H
HE80 Full		16590	47.93	-20.27	68.2	38.5	41.85	24.23	56.65	100	0	P	H
CH 106		11060	45.26	-28.74	74	46.91	37.9	18.89	58.44	100	0	P	V
5530MHz		16590	48.46	-19.74	68.2	39.03	41.85	24.23	56.65	100	0	P	V
802.11ax		11220	45.28	-28.72	74	46.42	37.93	19.03	58.1	100	0	P	H
HE80 Full		16830	50.12	-18.08	68.2	40.13	42.17	24.51	56.69	100	0	P	H
CH 122		11220	45.06	-28.94	74	46.2	37.93	19.03	58.1	100	0	P	V
5610MHz		16830	50.5	-17.7	68.2	40.51	42.17	24.51	56.69	100	0	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 Partial 484 (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5454.4	57.13	-16.87	74	45.61	34.6	12.05	35.13	101	114	P	H
		5467.12	56.59	-11.61	68.2	44.98	34.67	12.07	35.13	101	114	P	H
		5454.88	48.53	-5.47	54	37	34.6	12.06	35.13	101	114	A	H
802.11ax	*	5530	104.55	-	-	92.74	34.77	12.17	35.13	101	114	P	H
HE80	*	5530	97.11	-	-	85.3	34.77	12.17	35.13	101	114	A	H
Partial		5729.09	50	-18.2	68.2	38.05	34.7	12.41	35.16	101	114	P	H
484/65		5454.4	52.84	-21.16	74	41.32	34.6	12.05	35.13	343	78	P	V
CH 106		5464.48	53.38	-14.82	68.2	41.77	34.67	12.07	35.13	343	78	P	V
5530MHz		5459.68	46.4	-7.6	54	34.87	34.6	12.06	35.13	343	78	A	V
	*	5530	103.85	-	-	92.04	34.77	12.17	35.13	343	78	P	V
	*	5530	95.71	-	-	83.9	34.77	12.17	35.13	343	78	A	V
		5760.275	49.16	-19.04	68.2	37.16	34.73	12.44	35.17	343	78	P	V
		5446.6	51.17	-22.83	74	39.67	34.6	12.04	35.14	100	115	P	H
		5461.65	50.26	-17.94	68.2	38.72	34.6	12.07	35.13	100	115	P	H
		5449.4	43.45	-10.55	54	31.94	34.6	12.05	35.14	100	115	A	H
802.11ax	*	5610	108.19	-	-	96.24	34.8	12.29	35.14	100	115	P	H
HE80	*	5610	99.55	-	-	87.6	34.8	12.29	35.14	100	115	A	H
Partial		5735.95	52.28	-15.92	68.2	40.33	34.7	12.42	35.17	100	115	P	H
484/66		5422.45	50.31	-23.69	74	38.87	34.6	12	35.16	348	80	P	V
CH 122		5463.75	50.75	-17.45	68.2	39.14	34.67	12.07	35.13	348	80	P	V
5610MHz		5459.55	42.79	-11.21	54	31.26	34.6	12.06	35.13	348	80	A	V
	*	5610	107.68	-	-	95.73	34.8	12.29	35.14	348	80	P	V
	*	5610	99.4	-	-	87.45	34.8	12.29	35.14	348	80	A	V
		5742.25	51.33	-16.87	68.2	39.38	34.7	12.42	35.17	348	80	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 (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.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5383.15	49.02	-24.98	74	37.7	34.53	11.96	35.17	100	116	P	H
		5461.93	49.53	-18.67	68.2	37.99	34.6	12.07	35.13	100	116	P	H
		5456.08	41.59	-12.41	54	30.06	34.6	12.06	35.13	100	116	A	H
	*	5720	116.84	-	-	104.9	34.7	12.4	35.16	100	116	P	H
	*	5720	109.24	-	-	97.3	34.7	12.4	35.16	100	116	A	H
		5860.75	54.46	-13.74	68.2	42.23	34.9	12.52	35.19	100	116	P	H
		5360.14	48.27	-25.73	74	37.1	34.4	11.95	35.18	355	88	P	V
		5467.39	48.5	-19.7	68.2	36.89	34.67	12.07	35.13	355	88	P	V
		5453.35	40.47	-13.53	54	28.95	34.6	12.05	35.13	355	88	A	V
	*	5720	113.49	-	-	101.55	34.7	12.4	35.16	355	88	P	V
	*	5720	106.14	-	-	94.2	34.7	12.4	35.16	355	88	A	V
		5854	51.71	-16.49	68.2	39.47	34.9	12.52	35.18	355	88	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. 0+1	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	53.6	-20.4	74	53.89	38.13	19.22	57.64	100	272	P	H
		11440	45.66	-8.34	54	45.95	38.13	19.22	57.64	100	272	A	H
		17160	51.27	-16.93	68.2	41.49	41.5	24.85	56.57	100	0	P	H
		11440	51.64	-22.36	74	51.93	38.13	19.22	57.64	311	273	P	V
		11440	43.31	-10.69	54	43.6	38.13	19.22	57.64	311	273	A	V
		17160	53.62	-14.58	68.2	43.84	41.5	24.85	56.57	100	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 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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		5439.7	50.05	-23.95	74	38.56	34.6	12.03	35.14	100	115	P	H
		5462.32	49.61	-18.59	68.2	38.07	34.6	12.07	35.13	100	115	P	H
		5457.64	41.58	-12.42	54	30.05	34.6	12.06	35.13	100	115	A	H
	*	5720	115.37	-	-	103.43	34.7	12.4	35.16	100	115	P	H
	*	5720	106.59	-	-	94.65	34.7	12.4	35.16	100	115	A	H
		5874	52.19	-16.01	68.2	39.95	34.9	12.53	35.19	100	115	P	H
		5359.36	48.14	-25.86	74	36.97	34.4	11.95	35.18	356	89	P	V
		5467	47.2	-21	68.2	35.59	34.67	12.07	35.13	356	89	P	V
		5453.74	40.51	-13.49	54	28.99	34.6	12.05	35.13	356	89	A	V
	*	5720	110.8	-	-	98.86	34.7	12.4	35.16	356	89	P	V
	*	5720	103.12	-	-	91.18	34.7	12.4	35.16	356	89	A	V
		5872.5	50.94	-17.26	68.2	38.7	34.9	12.53	35.19	356	89	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. 0+1	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	52.43	-21.57	74	52.72	38.13	19.22	57.64	100	271	P	H
		11440	44.02	-9.98	54	44.31	38.13	19.22	57.64	100	271	A	H
		17160	51.59	-16.61	68.2	41.81	41.5	24.85	56.57	100	0	P	H
		11440	49.44	-24.56	74	49.73	38.13	19.22	57.64	100	0	P	V
		17160	52.16	-16.04	68.2	42.38	41.5	24.85	56.57	100	0	P	V
		11440	49.44	-24.56	74	49.73	38.13	19.22	57.64	100	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 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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		5452.18	49.7	-24.3	74	38.18	34.6	12.05	35.13	100	116	P	H
		5468.56	48.21	-19.99	68.2	36.59	34.67	12.08	35.13	100	116	P	H
		5434.24	42.24	-11.76	54	30.76	34.6	12.02	35.14	100	116	A	H
	*	5710	113.29	-	-	101.36	34.7	12.39	35.16	100	116	P	H
	*	5710	104.46	-	-	92.53	34.7	12.39	35.16	100	116	A	H
		5854	52.63	-15.57	68.2	40.39	34.9	12.52	35.18	100	116	P	H
		5438.14	48.95	-25.05	74	37.46	34.6	12.03	35.14	375	80	P	V
		5466.61	47.83	-20.37	68.2	36.22	34.67	12.07	35.13	375	80	P	V
		5452.57	41.73	-12.27	54	30.21	34.6	12.05	35.13	375	80	A	V
	*	5710	109.21	-	-	97.28	34.7	12.39	35.16	375	80	P	V
	*	5710	101.09	-	-	89.16	34.7	12.39	35.16	375	80	A	V
		5884.5	51.3	-16.9	68.2	39.06	34.9	12.53	35.19	375	80	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 HE40 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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		11420	48.45	-25.55	74	48.82	38.12	19.2	57.69	100	0	P	H
HE40 Full		17130	50.88	-17.32	68.2	41.06	41.6	24.82	56.6	100	0	P	H
CH 142		11420	46.64	-27.36	74	47.01	38.12	19.2	57.69	100	0	P	V
5710MHz		17130	50.06	-18.14	68.2	40.24	41.6	24.82	56.6	100	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 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 0+1	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)
		5456.86	50.14	-23.86	74	38.61	34.6	12.06	35.13	100	112	P	H
		5465.44	49.12	-19.08	68.2	37.51	34.67	12.07	35.13	100	112	P	H
		5458.03	43.72	-10.28	54	32.19	34.6	12.06	35.13	100	112	A	H
	*	5690	107.46	-	-	95.55	34.7	12.37	35.16	100	112	P	H
	*	5690	101.02	-	-	89.11	34.7	12.37	35.16	100	112	A	H
802.11ax		5854.9	53.88	-14.32	68.2	41.64	34.9	12.52	35.18	100	112	P	H
HE80 Full		5435.8	48.42	-25.58	74	36.93	34.6	12.03	35.14	400	77	P	V
CH 138		5470	48.21	-19.99	68.2	36.59	34.67	12.08	35.13	400	77	P	V
5690MHz		5453.74	42	-12	54	30.48	34.6	12.05	35.13	400	77	A	V
	*	5690	103.98	-	-	92.07	34.7	12.37	35.16	400	77	P	V
	*	5690	98.11	-	-	86.2	34.7	12.37	35.16	400	77	A	V
		5850.1	51.34	-16.86	68.2	39.11	34.9	12.51	35.18	400	77	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 0+1	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		11380	45.82	-28.18	74	46.33	38.1	19.16	57.77	100	0	P	H
HE80 Full		17070	49.64	-18.56	68.2	39.79	41.73	24.77	56.65	100	0	P	H
CH 138		11380	45.82	-28.18	74	46.33	38.1	19.16	57.77	100	0	P	V
5690MHz		17070	50.32	-17.88	68.2	40.47	41.73	24.77	56.65	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 1GHz

WIFI 802.11ax HE40 Full (SHF @ 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.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full SHF		38460	45.34	-22.86	68.2	50.92	43.93	11.51	61.02	150	0	P	H
		38482	43.53	-24.67	68.2	49.05	43.97	11.52	61.01	150	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz

WIFI 802.11ax HE40 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.	
0+1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		30.27	28.66	-11.34	40	33.44	24.32	0.91	30.01	100	0	P	H
		179.31	26.13	-17.37	43.5	38.88	14.94	2.25	29.94	-	-	P	H
		297.03	27.76	-18.24	46	35.63	19.22	2.81	29.9	-	-	P	H
		332.2	29.11	-16.89	46	36.32	19.76	2.92	29.89	-	-	P	H
		743.1	34.31	-11.69	46	31.95	27.69	4.24	29.57	-	-	P	H
		960.1	33.69	-20.31	54	27.04	30.38	4.91	28.64	-	-	P	H
		30	33.16	-6.84	40	37.95	24.32	0.9	30.01	100	0	P	V
		92.64	30.02	-13.48	43.5	43.28	15.08	1.63	29.97	-	-	P	V
		180.66	26.9	-16.6	43.5	39.67	14.92	2.25	29.94	-	-	P	V
		498.1	27.74	-18.26	46	30.22	23.85	3.54	29.87	-	-	P	V
		729.1	36.03	-9.97	46	34.26	27.17	4.21	29.61	-	-	P	V
		953.1	34.31	-11.69	46	27.69	30.42	4.88	28.68	-	-	P	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	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0+1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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

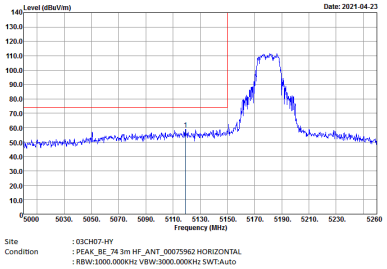
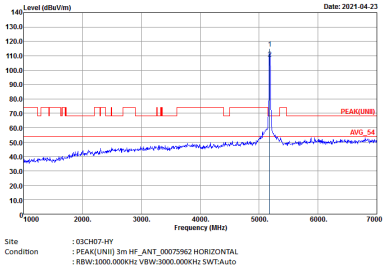
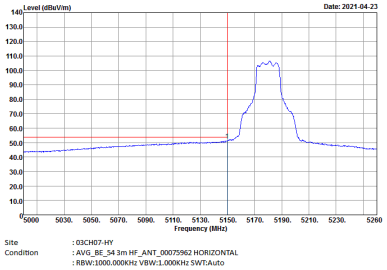
Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	**Temperature :**	20~26°C
		Relative Humidity :	47~56%

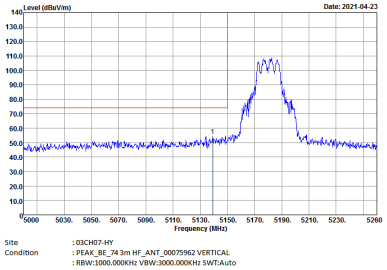
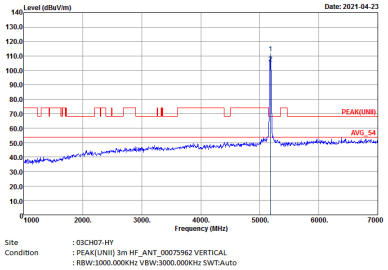
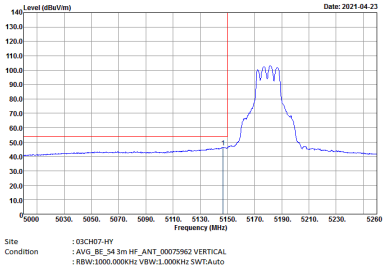
Note symbol

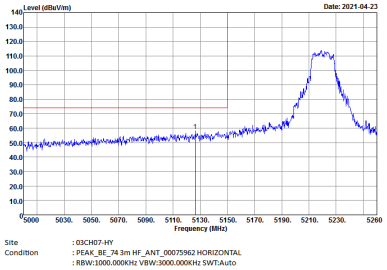
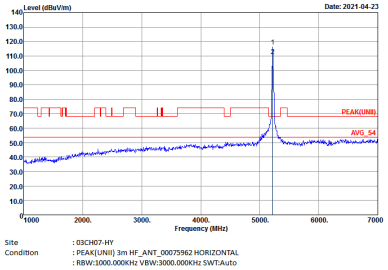
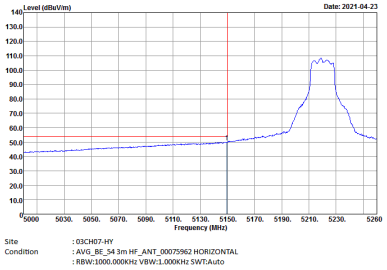
-L	**Low channel location**
-R	**High channel location**

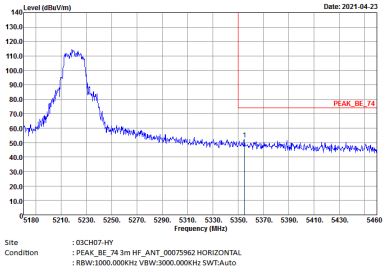
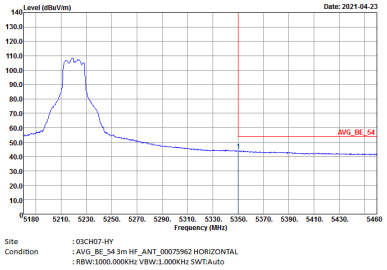
Band 1 - 5150~5250MHz

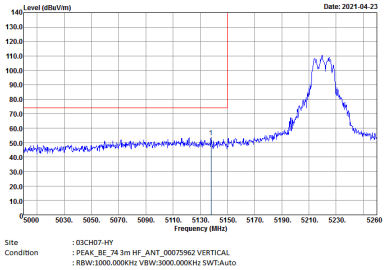
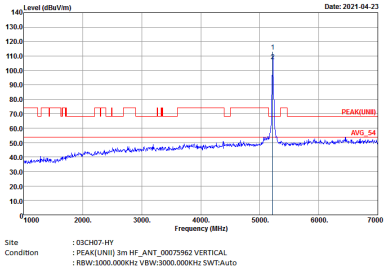
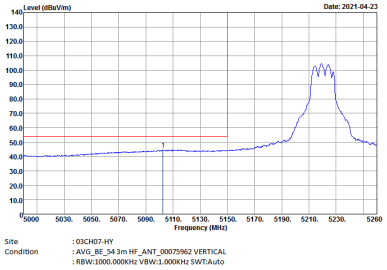
WIFI 802.11a (Band Edge @ 3m)

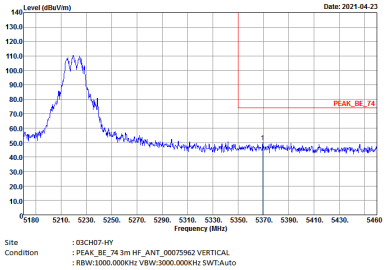
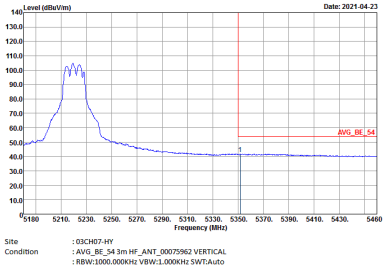
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

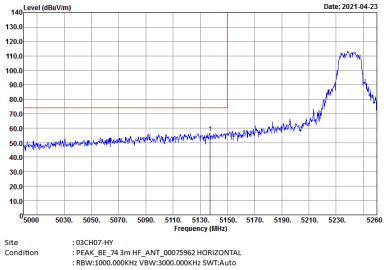
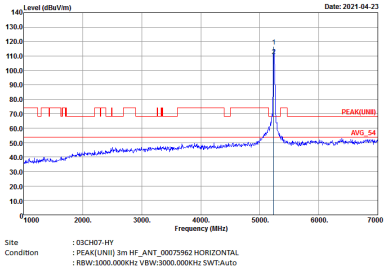
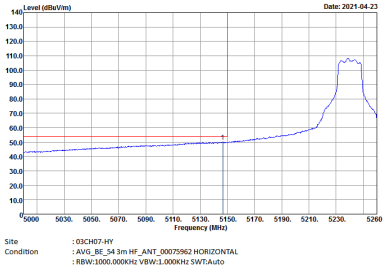
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

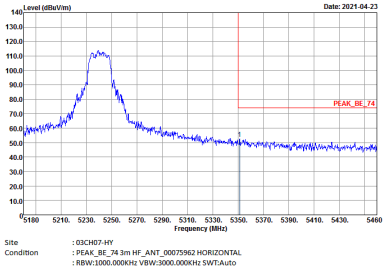
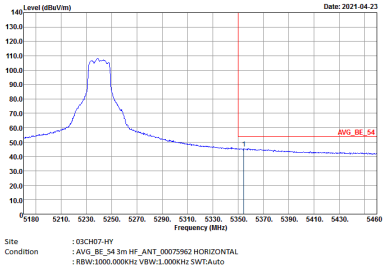
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

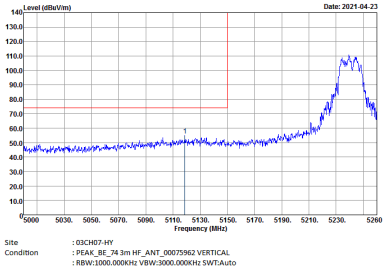
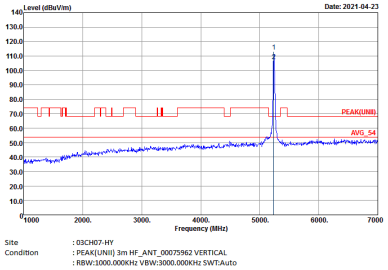
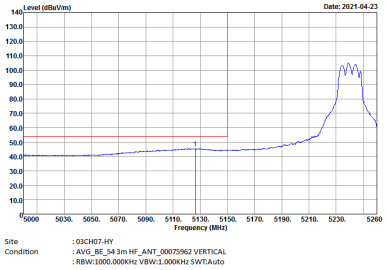
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

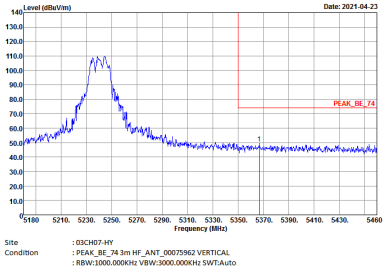
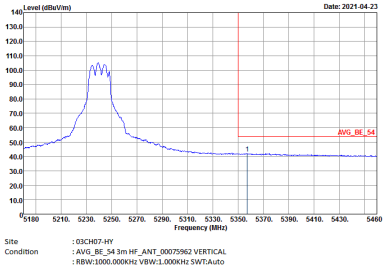
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

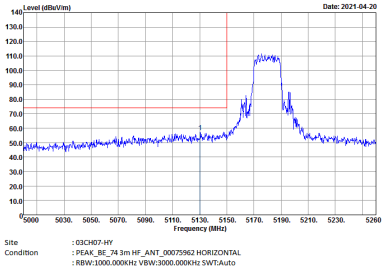
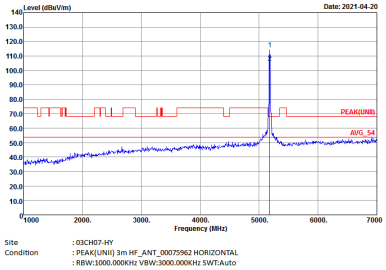
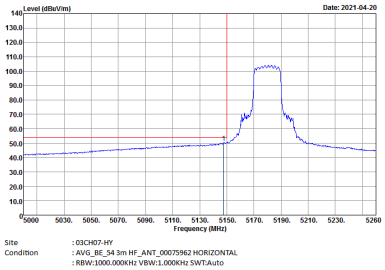
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

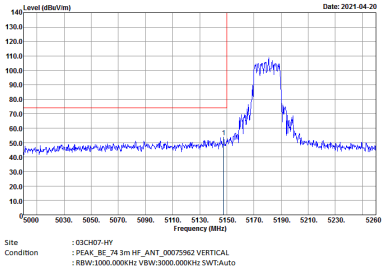
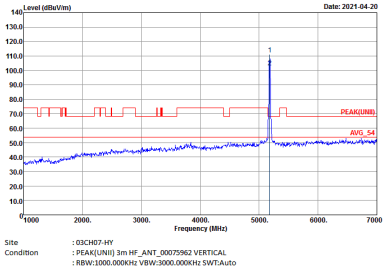
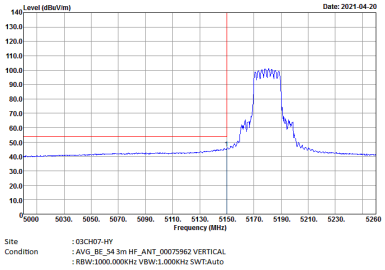
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

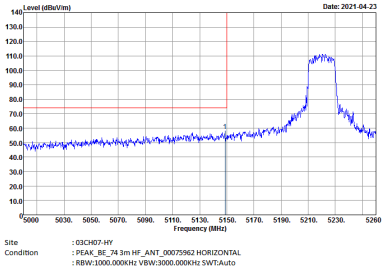
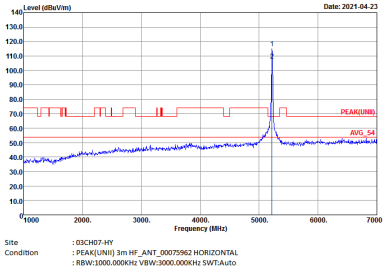
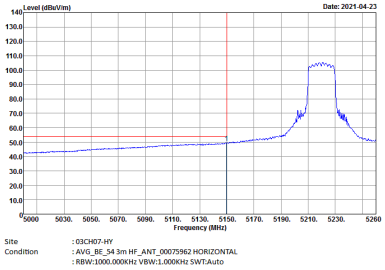
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

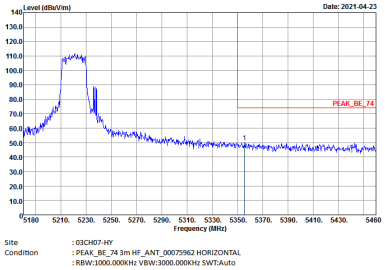
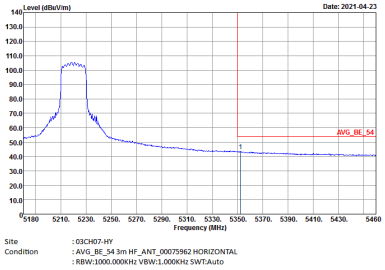
Band 1 5150~5250MHz

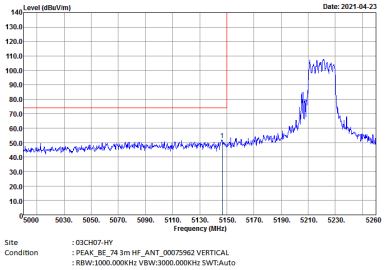
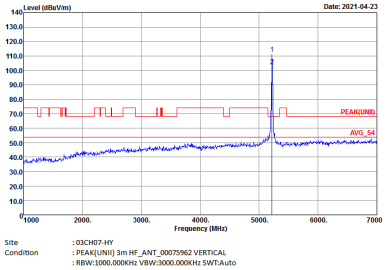
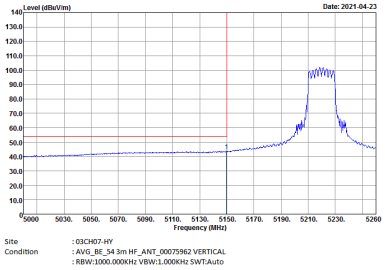
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

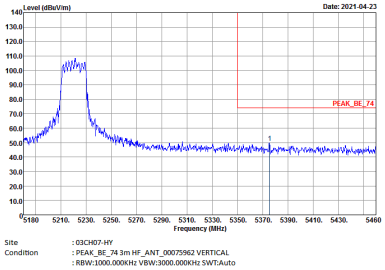
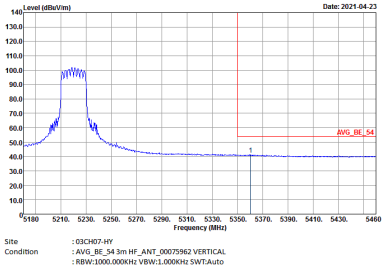
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

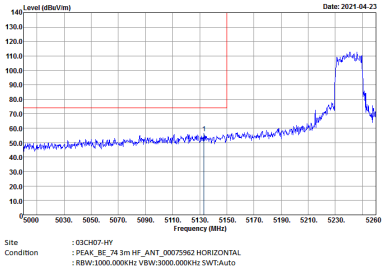
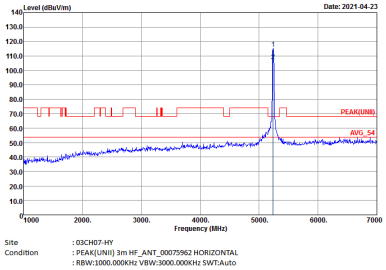
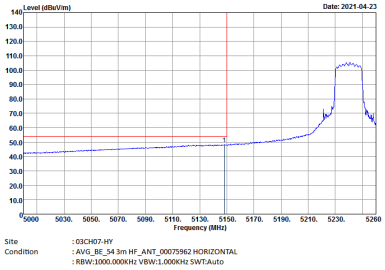
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

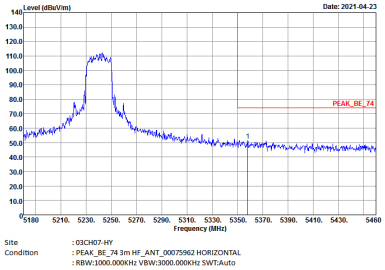
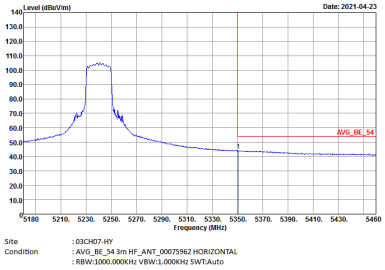
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

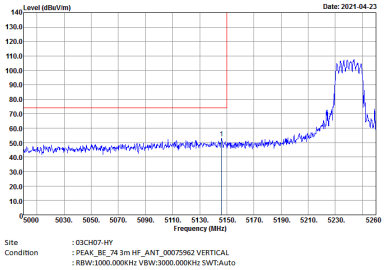
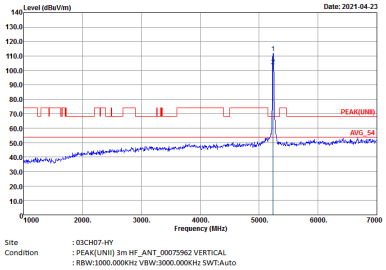
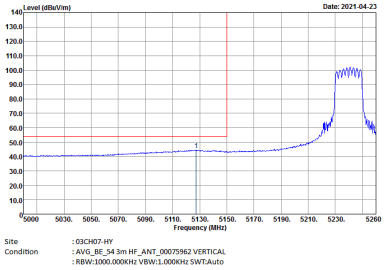
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

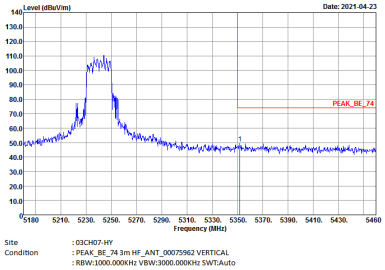
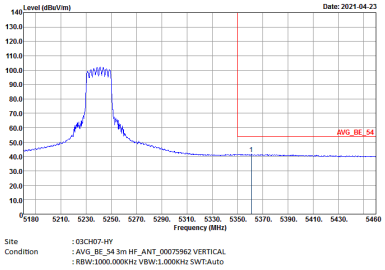
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

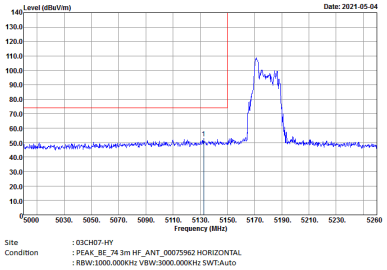
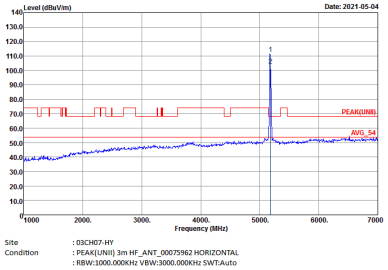
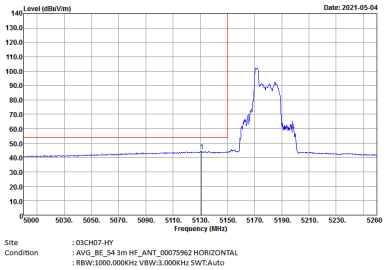
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

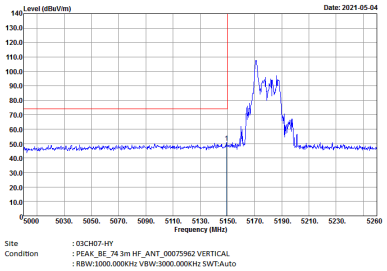
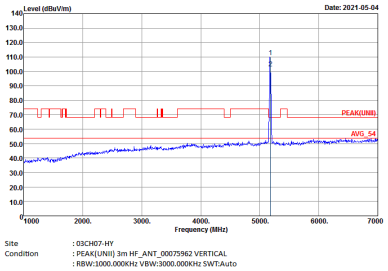
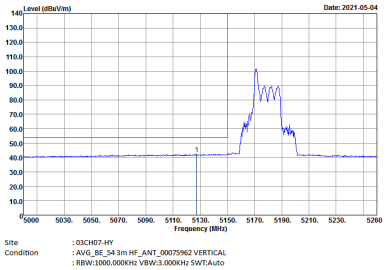
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz

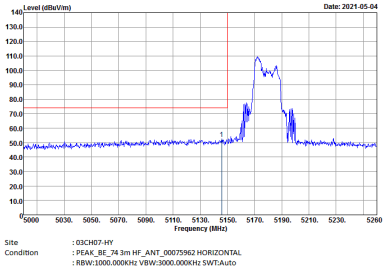
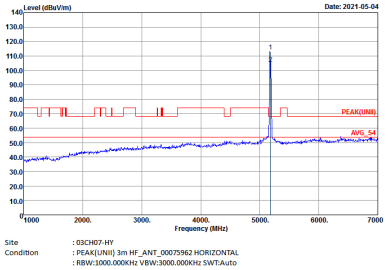
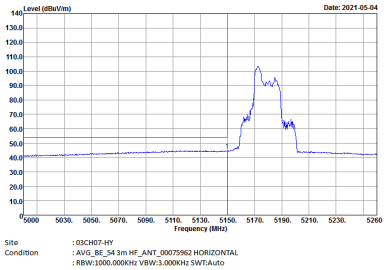
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

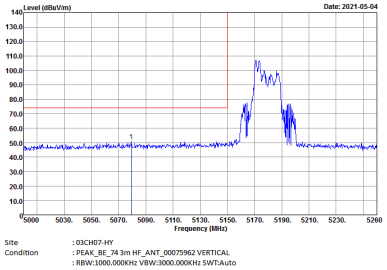
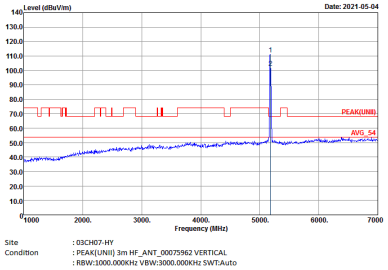
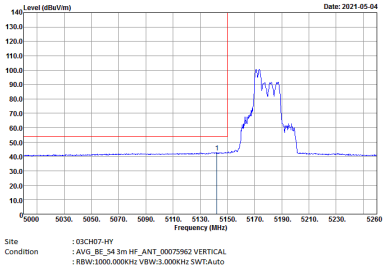
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/0 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 1 5150~5250MHz

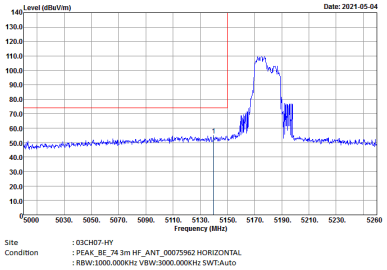
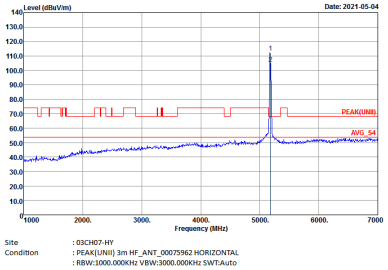
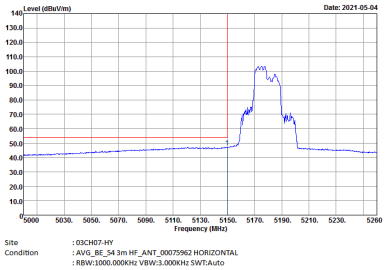
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

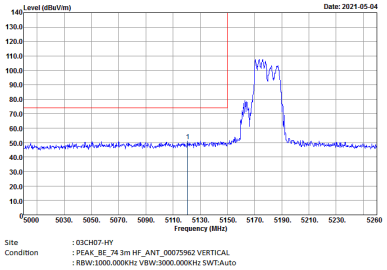
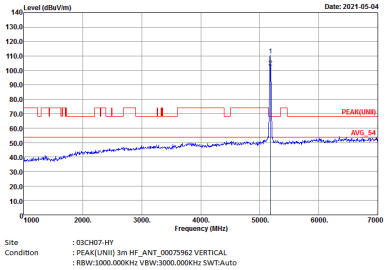
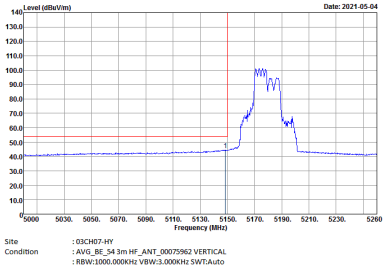
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/37 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

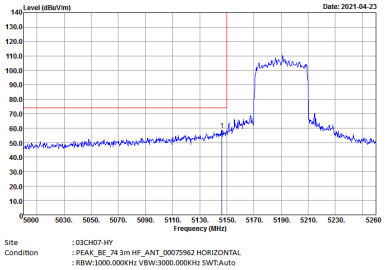
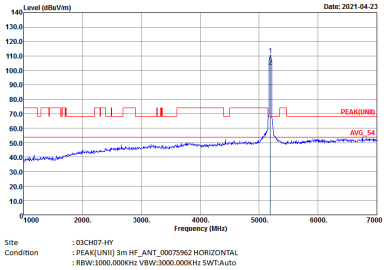
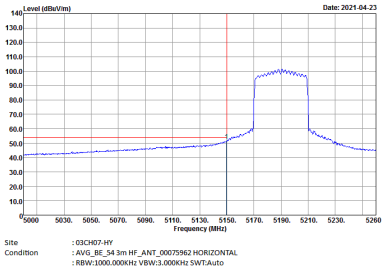
Band 1 5150~5250MHz

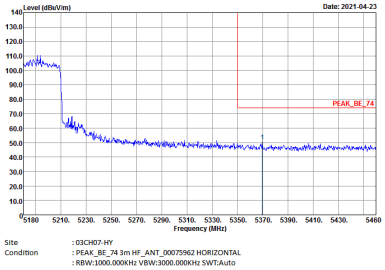
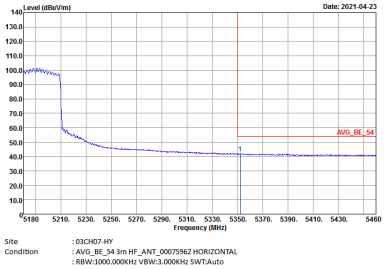
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

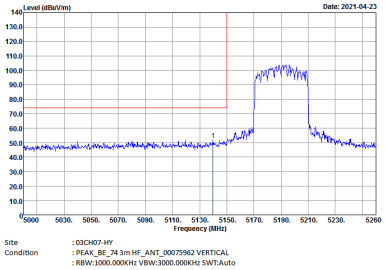
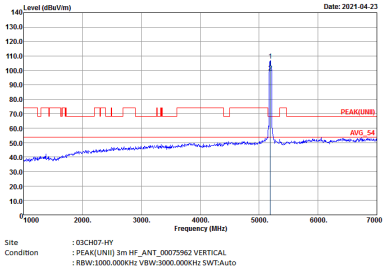
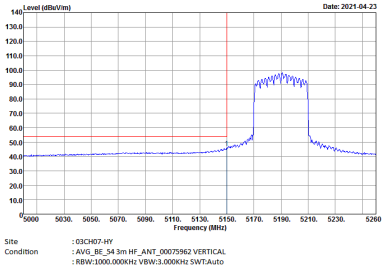
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

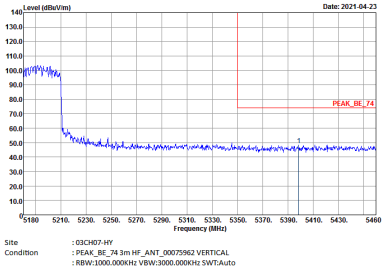
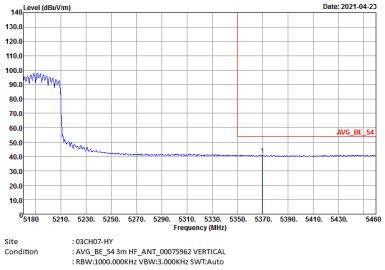
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH36 5180MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

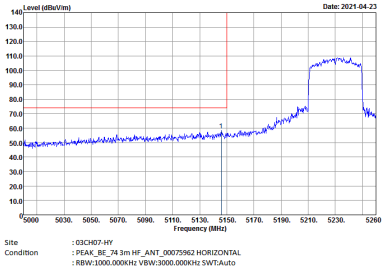
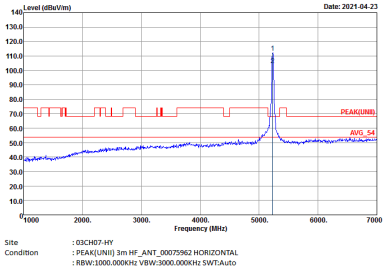
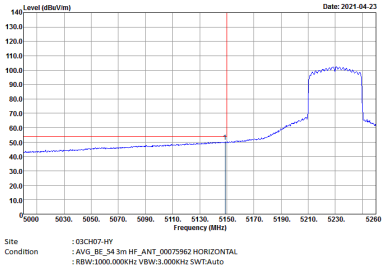
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

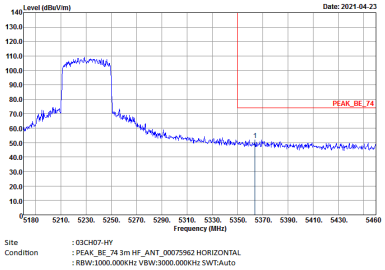
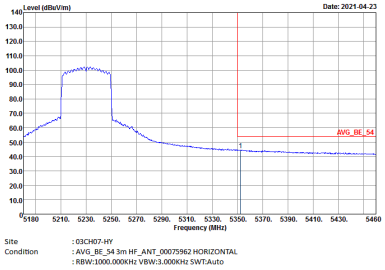
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

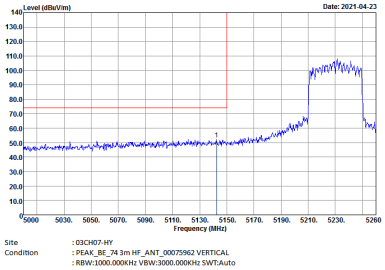
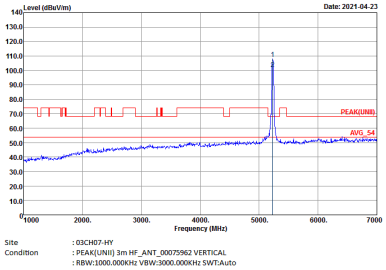
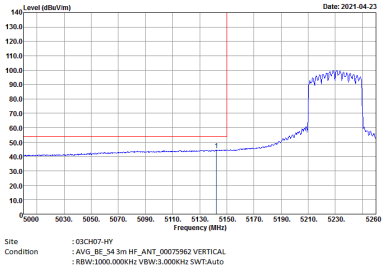
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

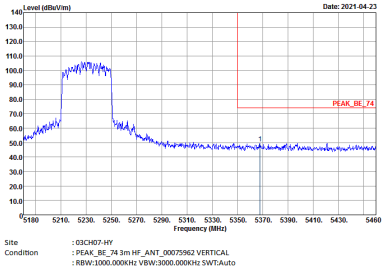
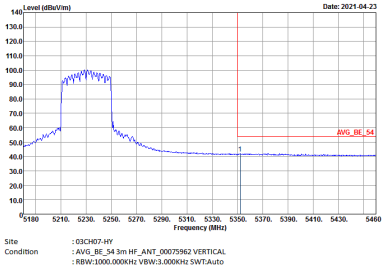
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

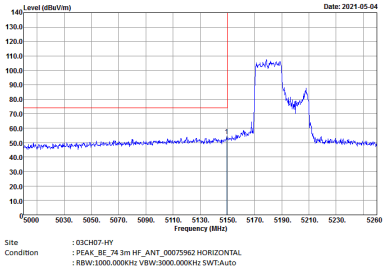
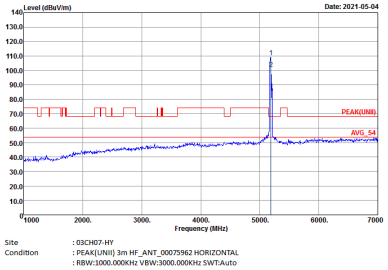
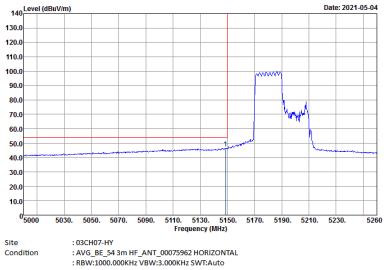
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

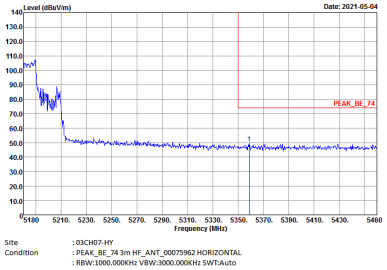
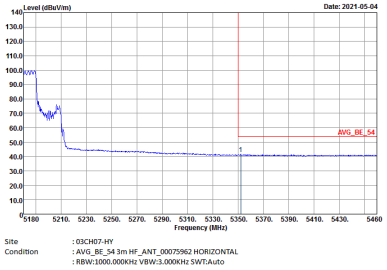
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

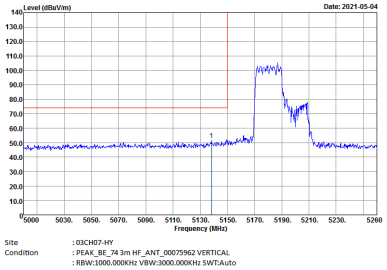
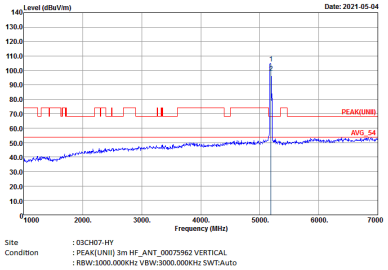
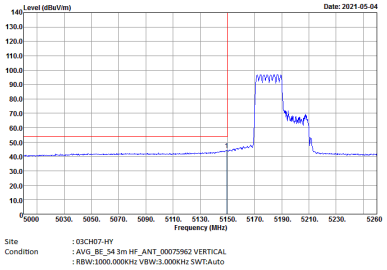
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

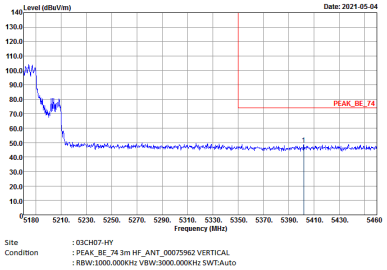
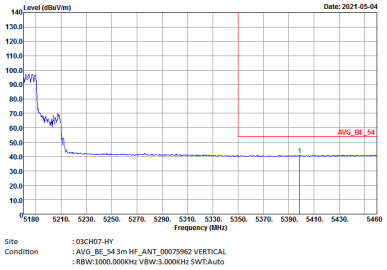
Band 1 5150~5250MHz

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

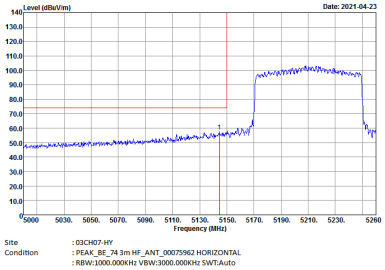
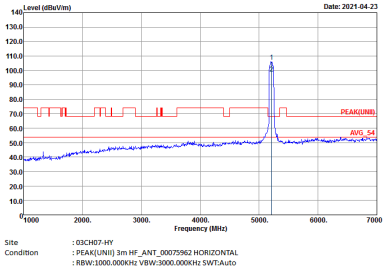
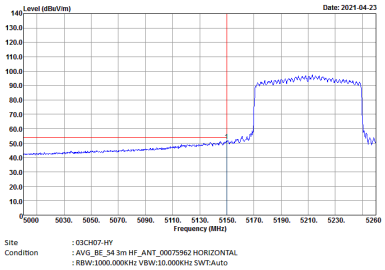
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

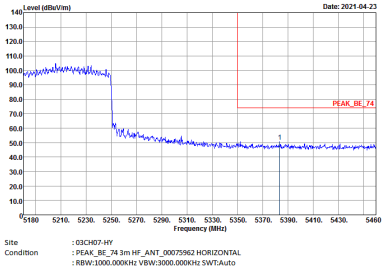
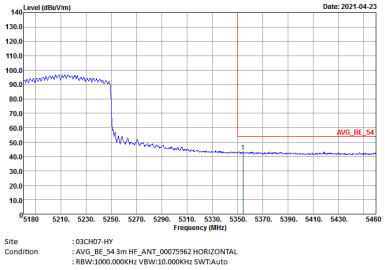
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

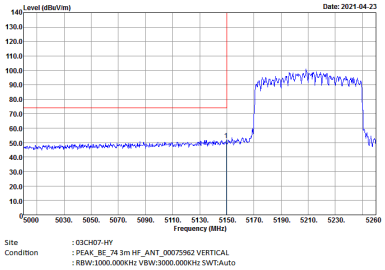
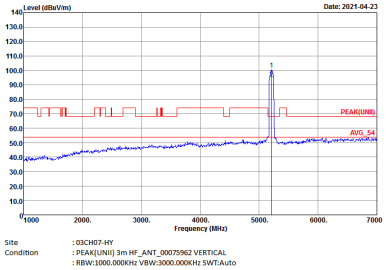
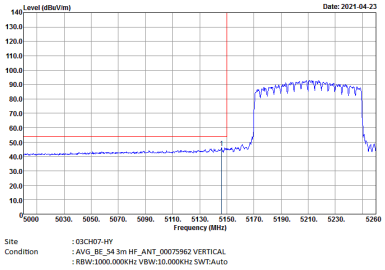
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

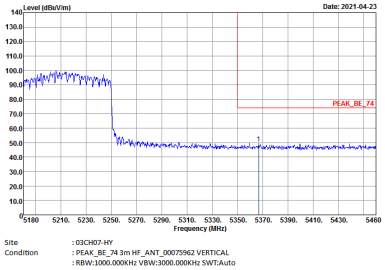
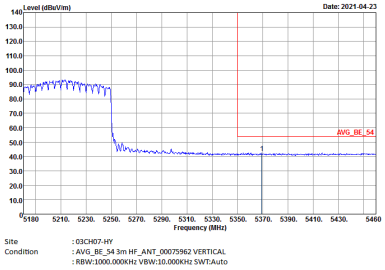
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH38 5190MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

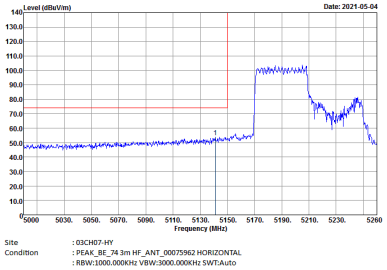
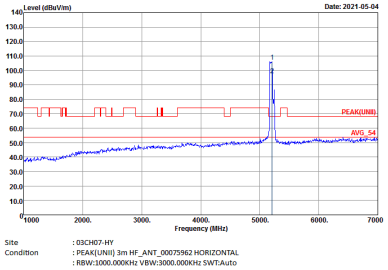
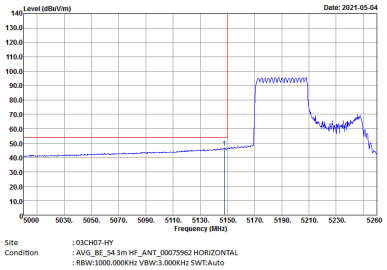
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

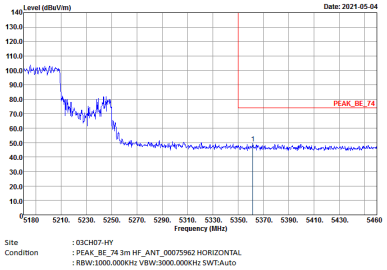
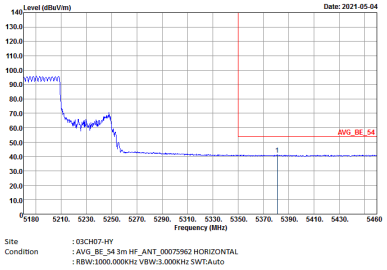
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

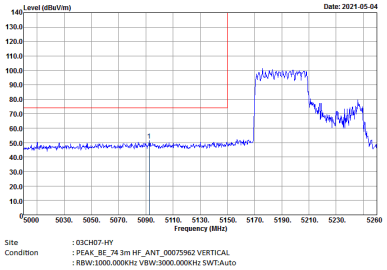
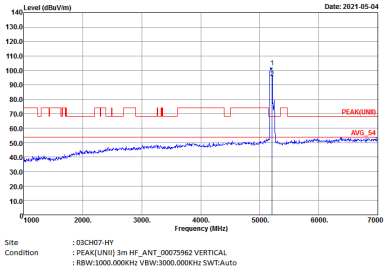
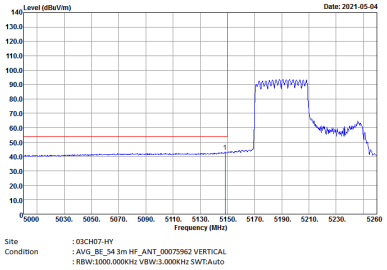
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

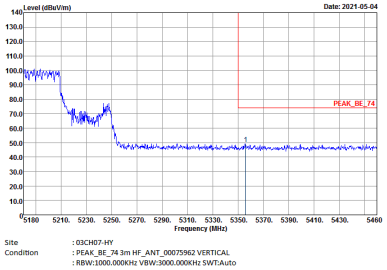
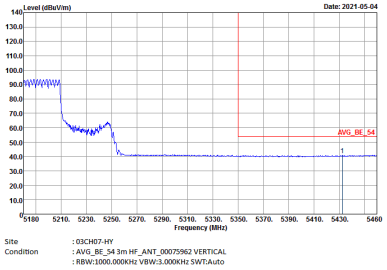
Band 1 5150~5250MHz

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

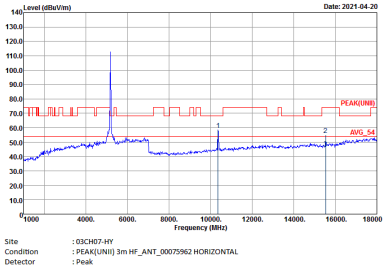
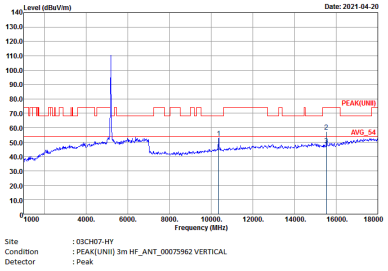
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65CH42 5210MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

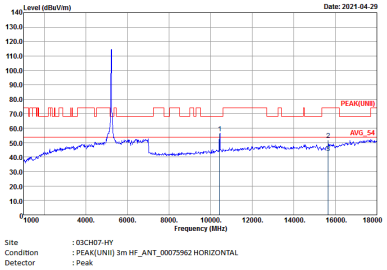
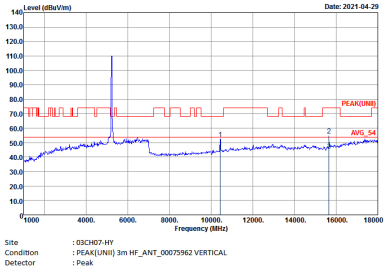
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

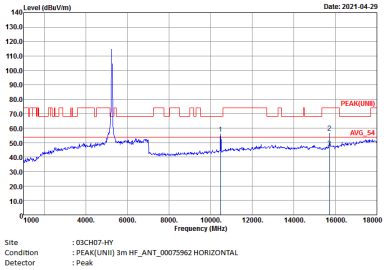
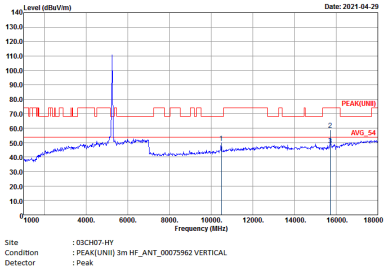
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/65 CH42 5210MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

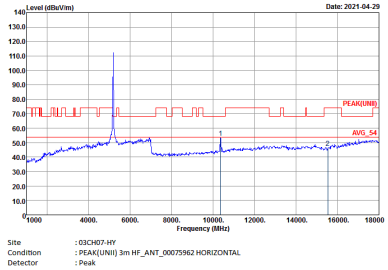
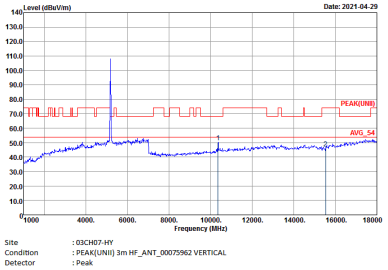
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

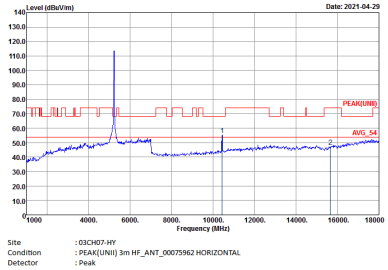
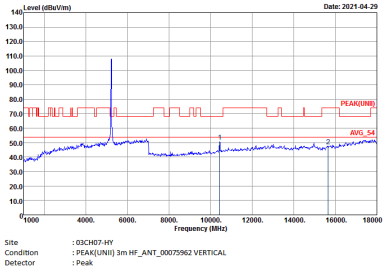
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

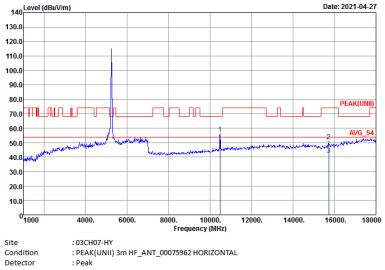
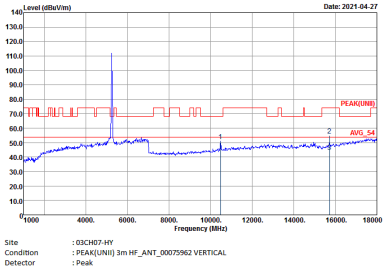
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

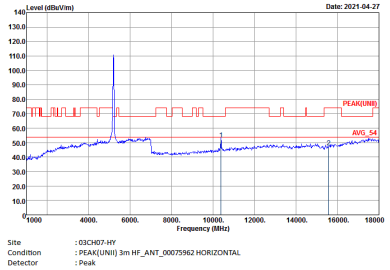
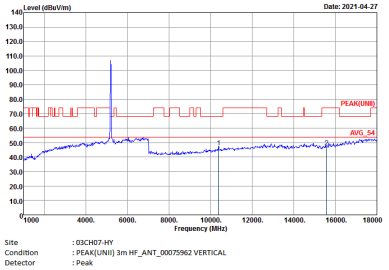
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
0+1	Horizontal	Vertical
Peak Avg.		

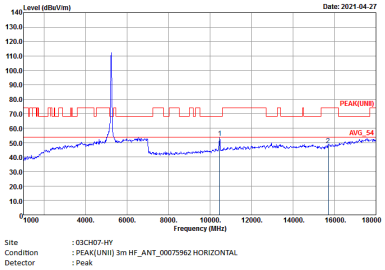
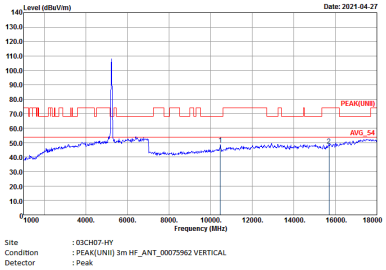
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

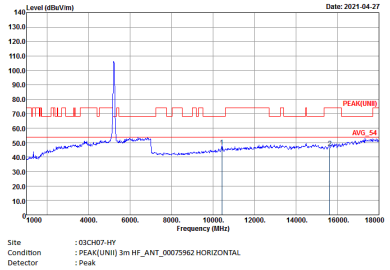
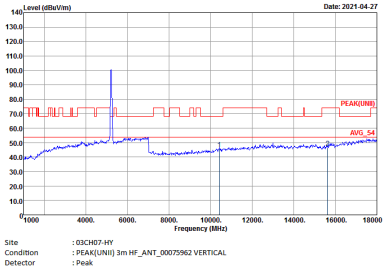
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
0+1	Horizontal	Vertical
Peak Avg.		

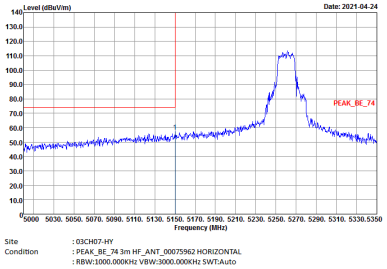
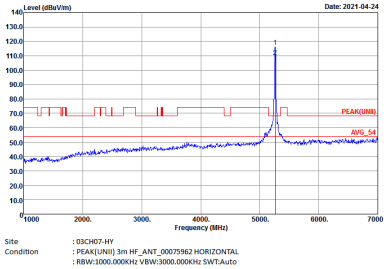
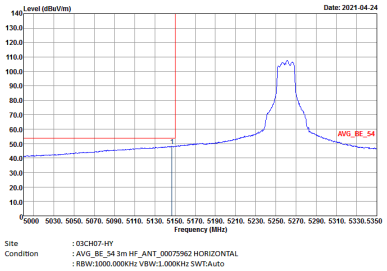
Band 1 5150~5250MHz

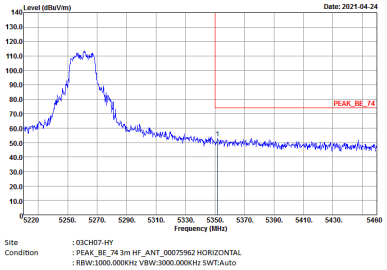
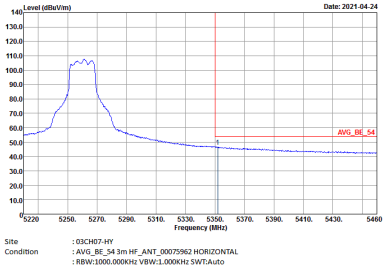
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

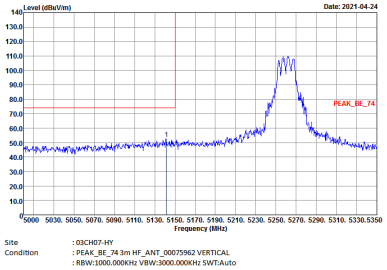
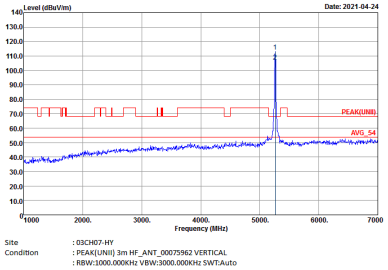
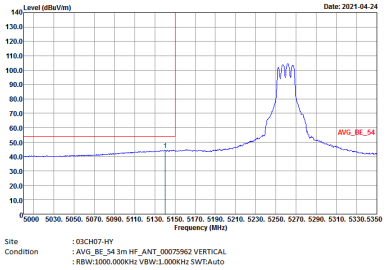
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
0+1	Horizontal	Vertical
Peak Avg.		

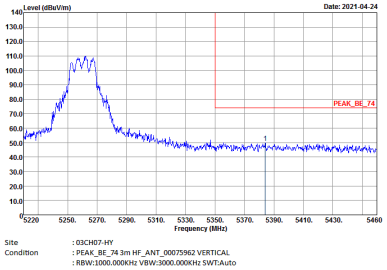
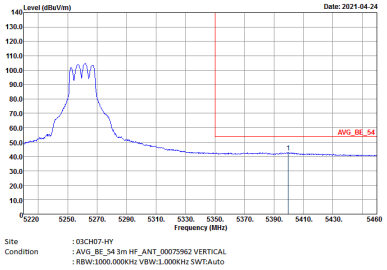
Band 2 - 5250~5350MHz

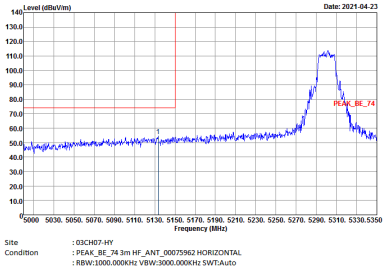
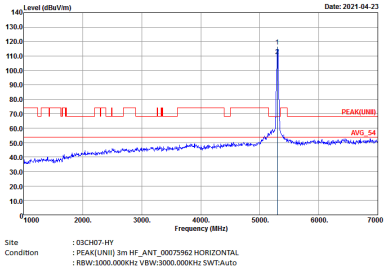
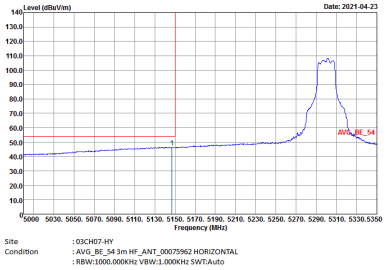
WIFI 802.11a (Band Edge @ 3m)

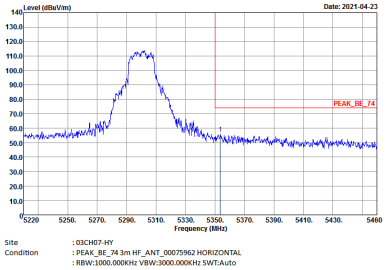
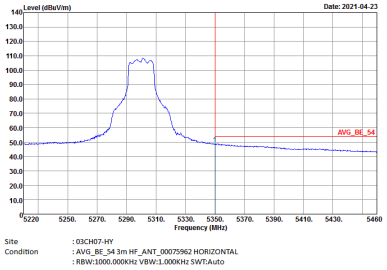
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

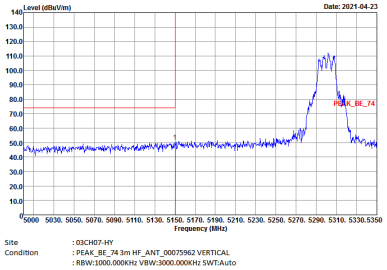
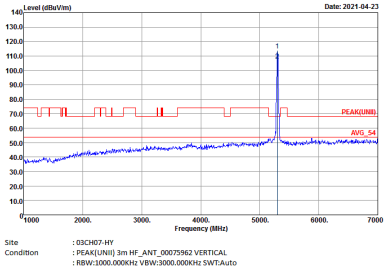
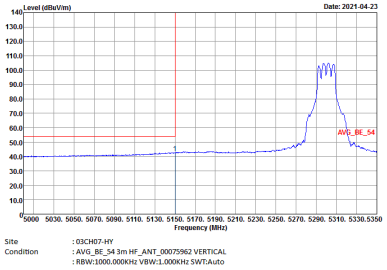
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

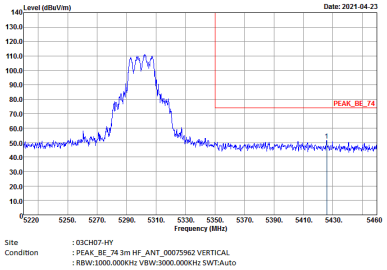
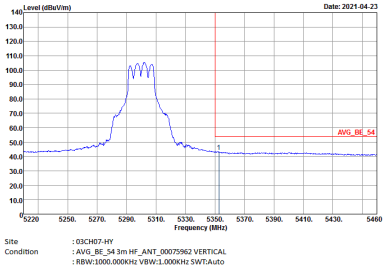
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

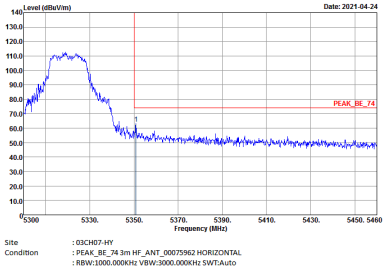
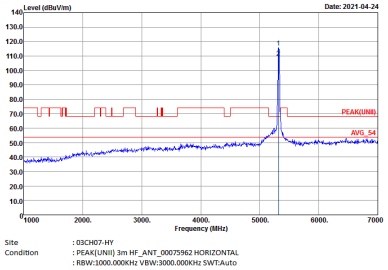
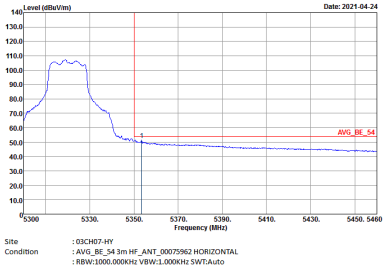
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

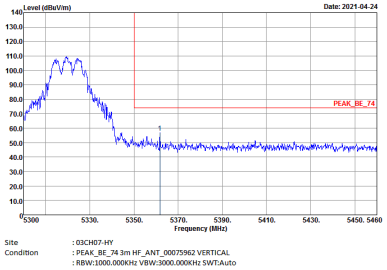
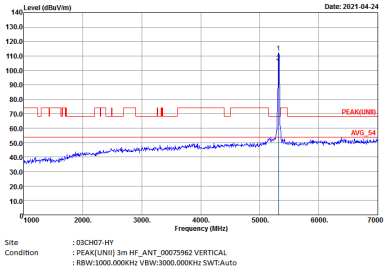
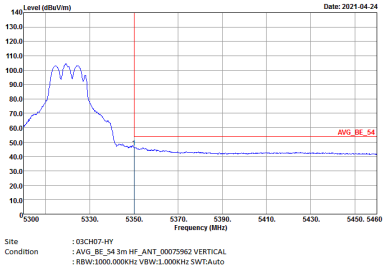
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

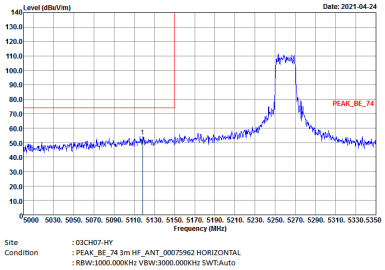
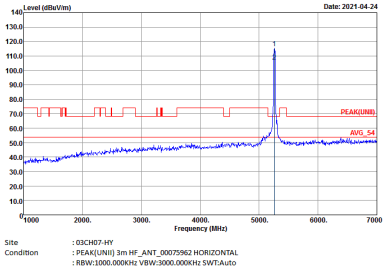
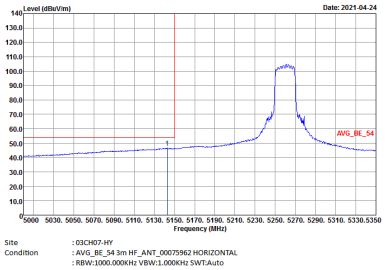
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

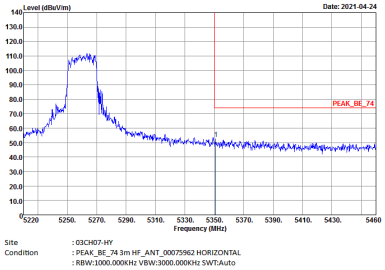
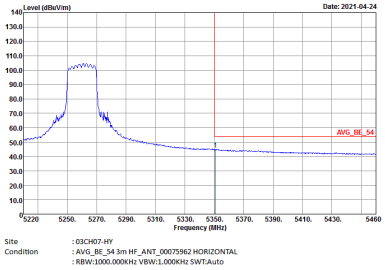
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

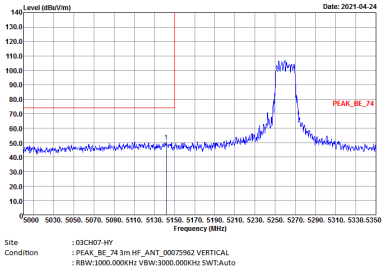
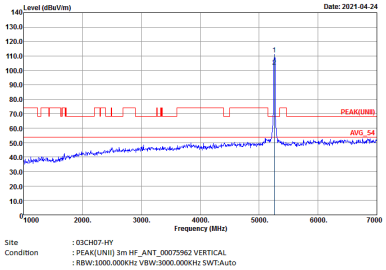
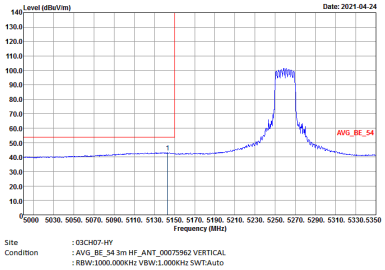
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

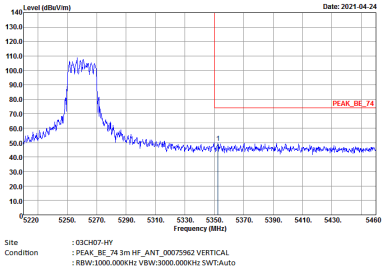
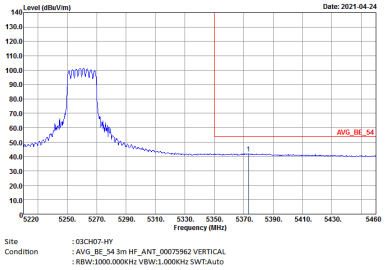
Band 2 5250~5350MHz

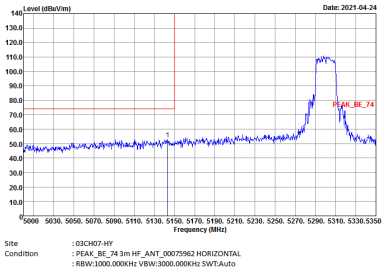
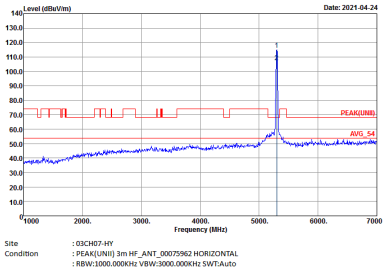
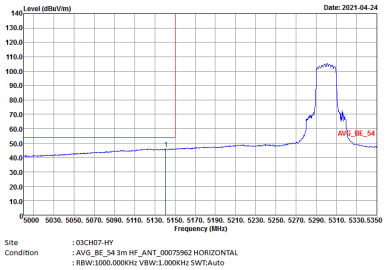
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

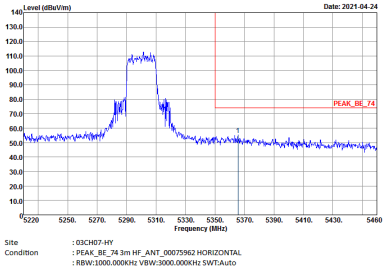
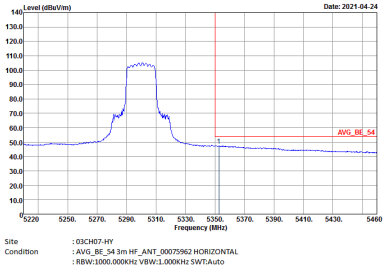
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

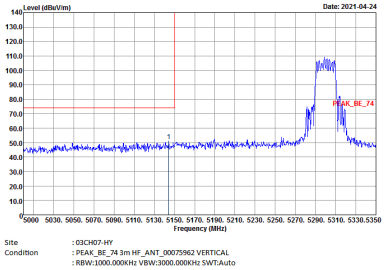
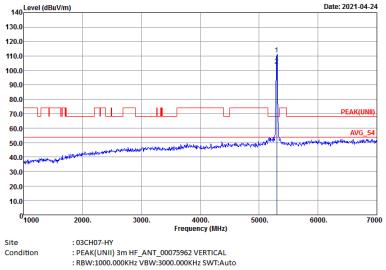
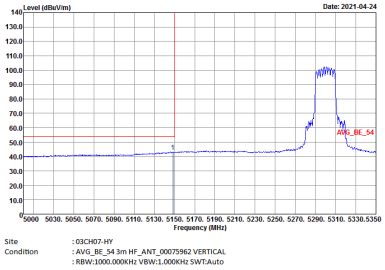
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

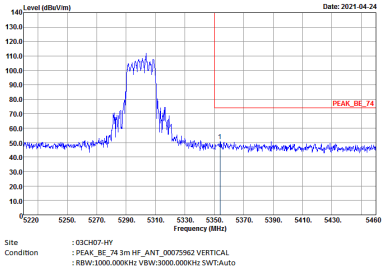
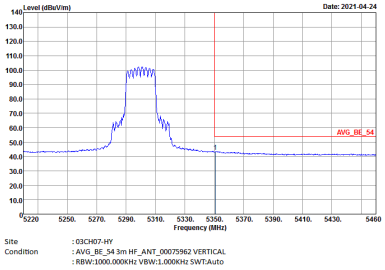
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

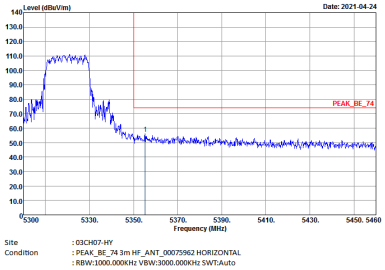
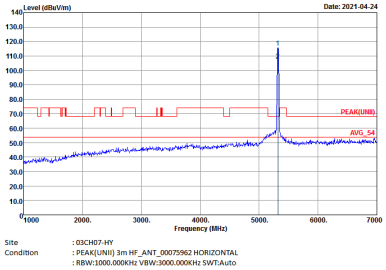
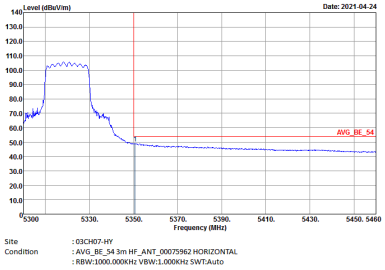
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

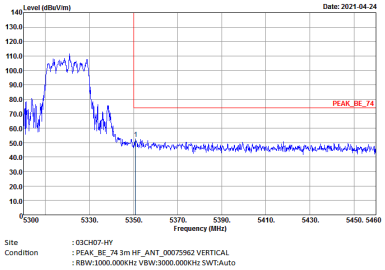
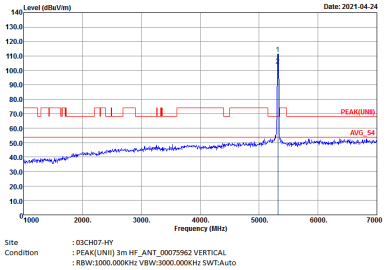
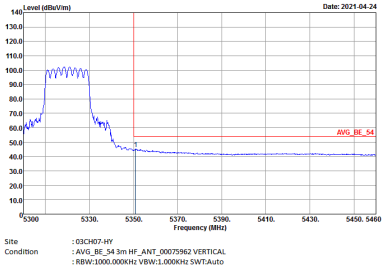
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

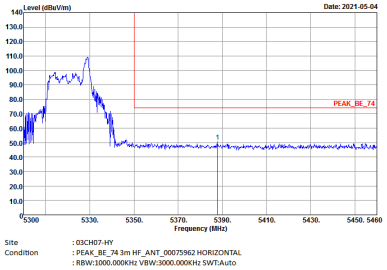
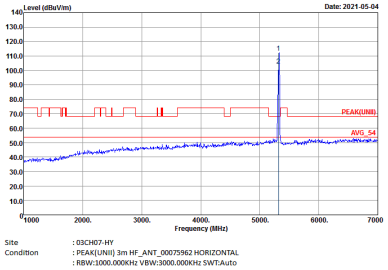
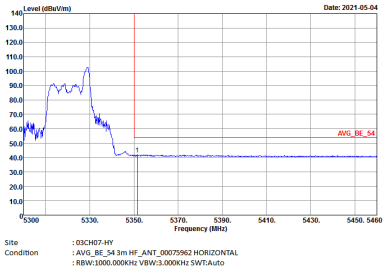
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

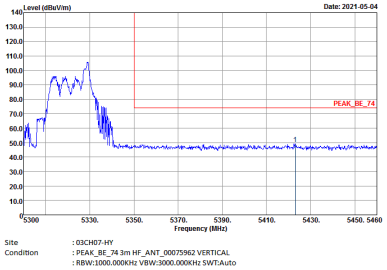
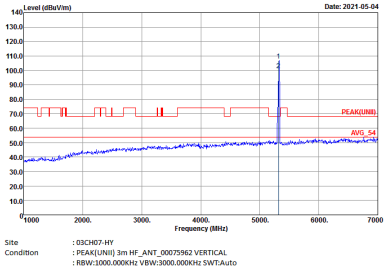
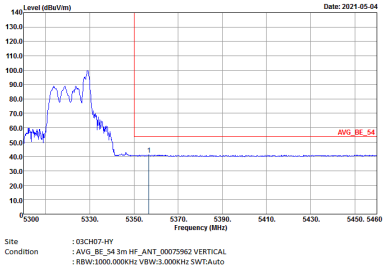
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 2 - 5250~5350MHz

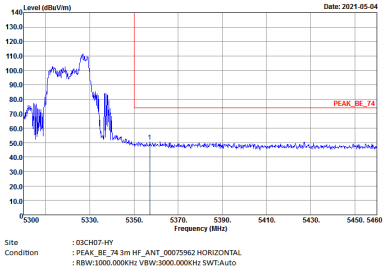
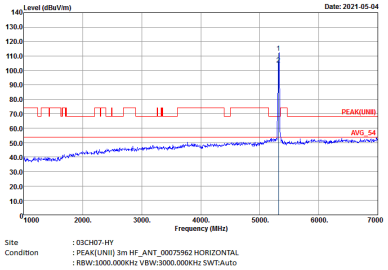
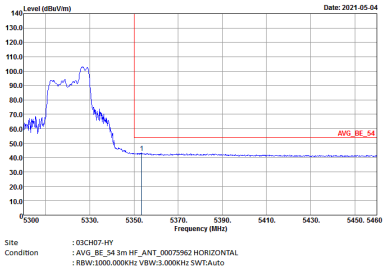
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

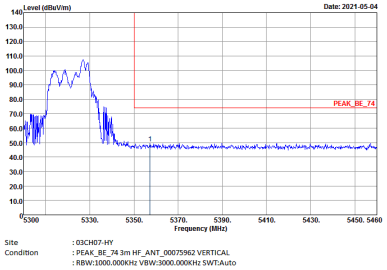
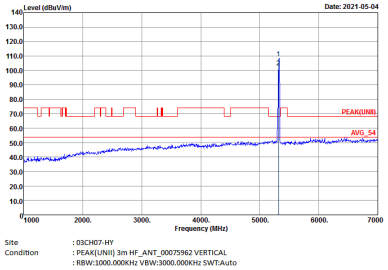
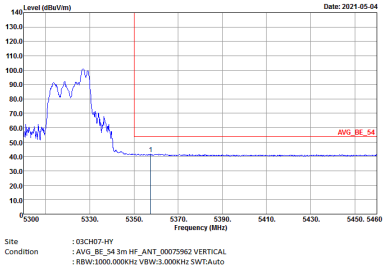
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 2 5250~5350MHz

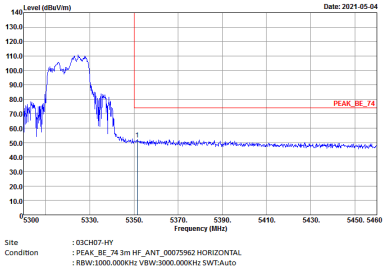
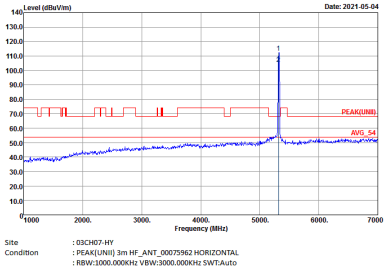
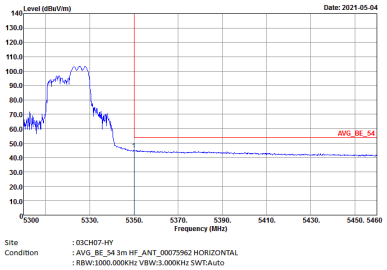
WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

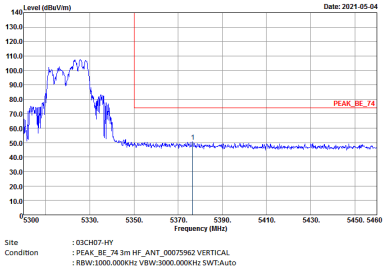
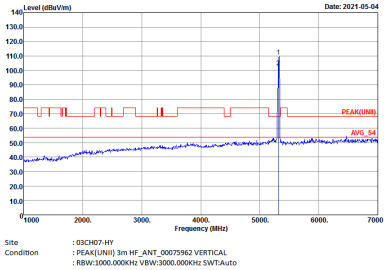
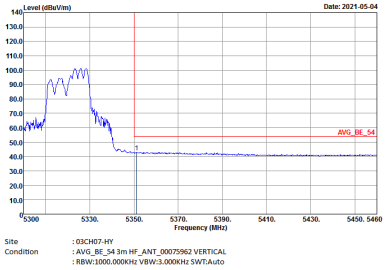
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 2 5250~5350MHz

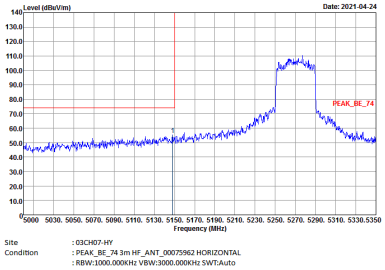
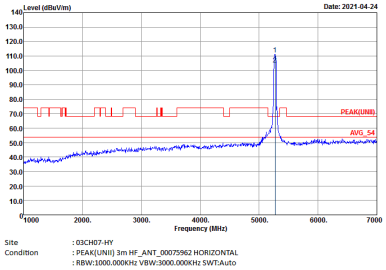
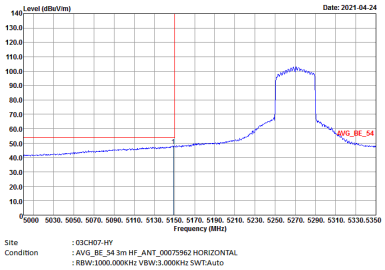
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

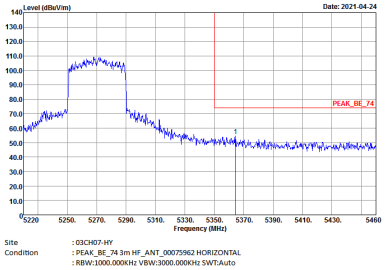
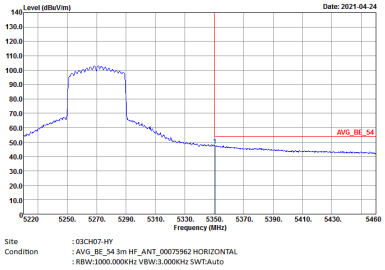
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

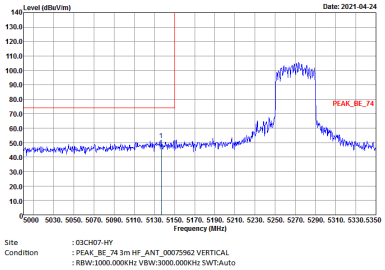
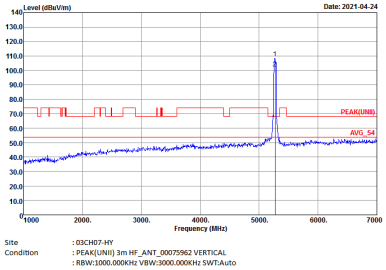
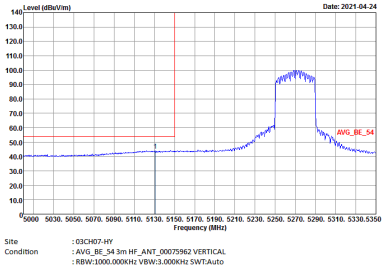
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH64 5320MHz	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

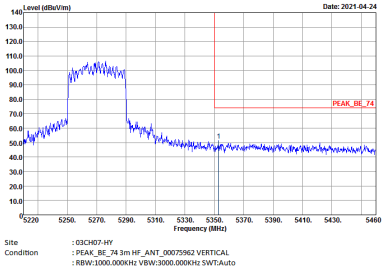
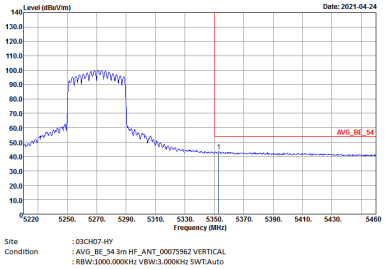
Band 2 5250~5350MHz

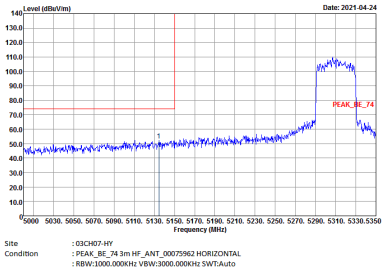
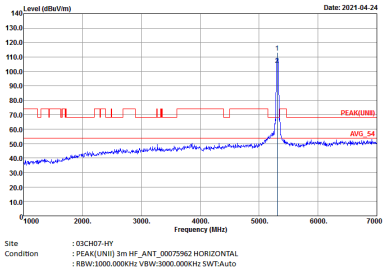
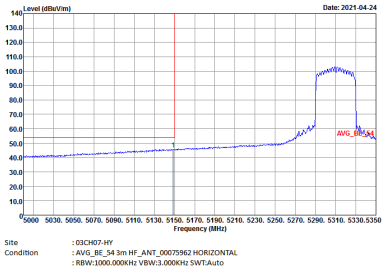
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

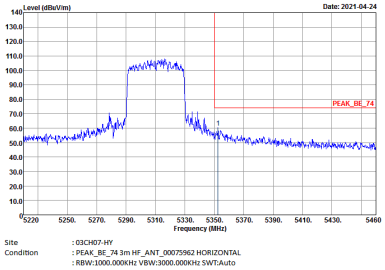
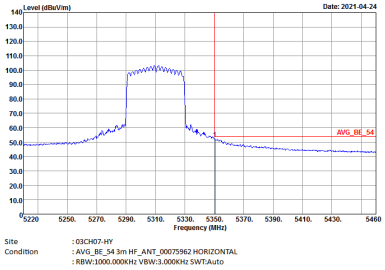
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

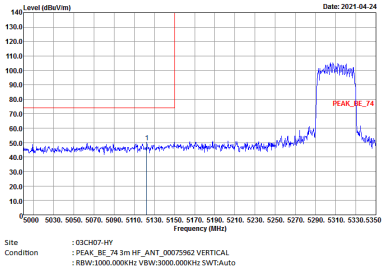
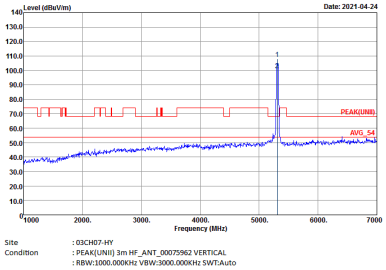
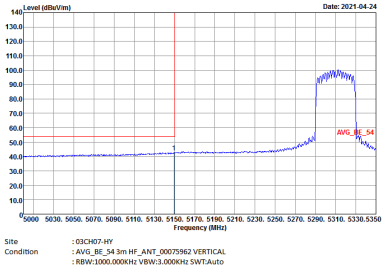
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

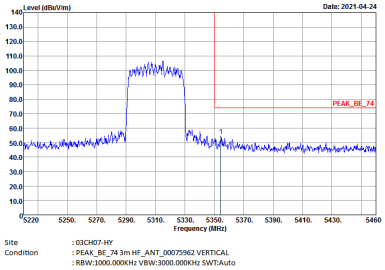
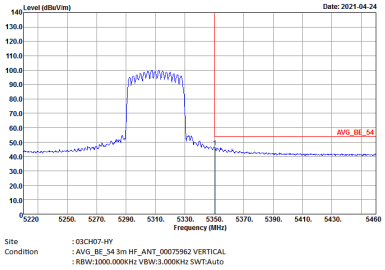
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

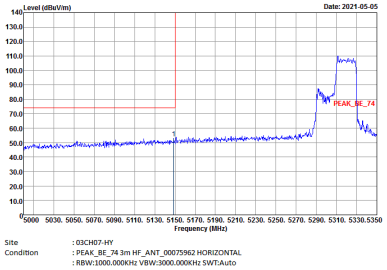
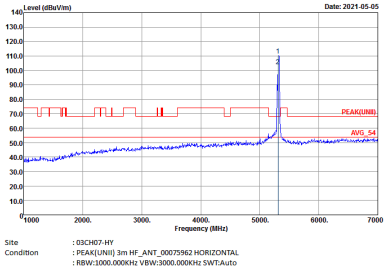
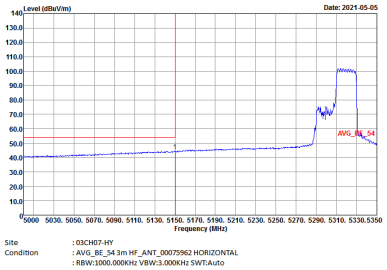
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

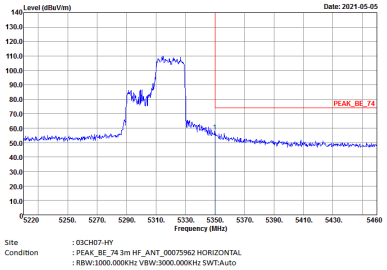
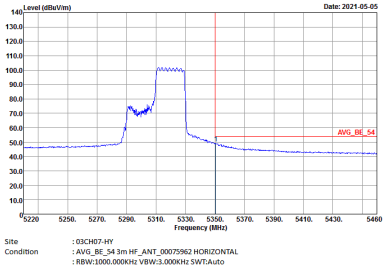
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

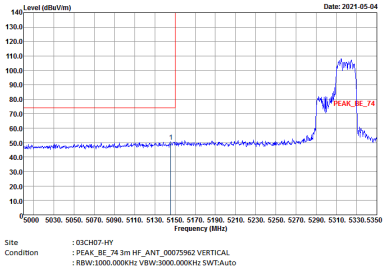
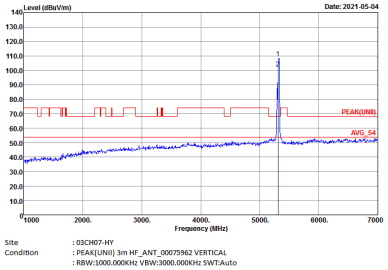
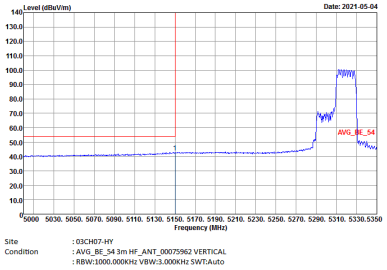
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

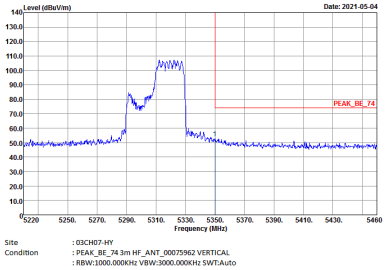
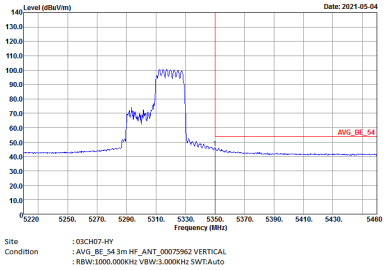
Band 2 5250~5350MHz

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

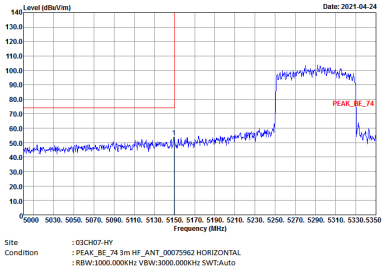
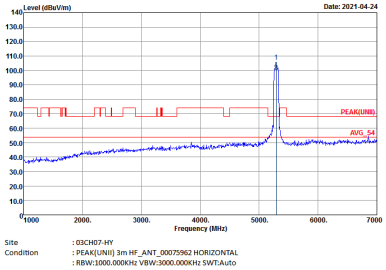
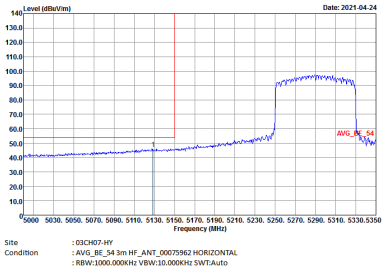
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH62 5310 - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

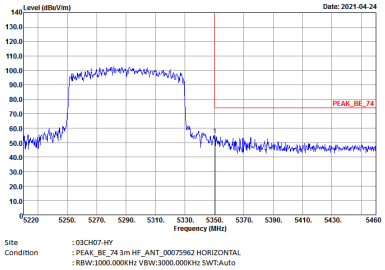
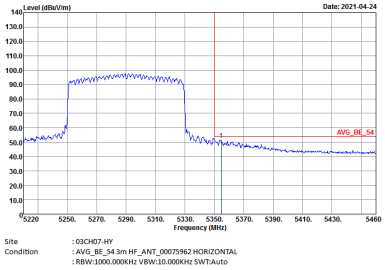
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH62 5310 - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

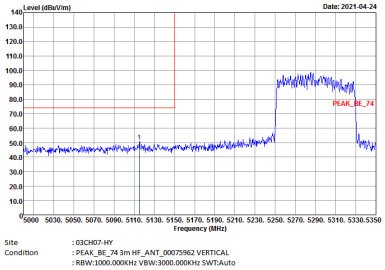
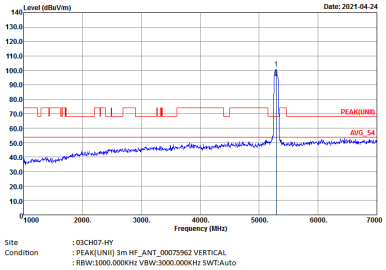
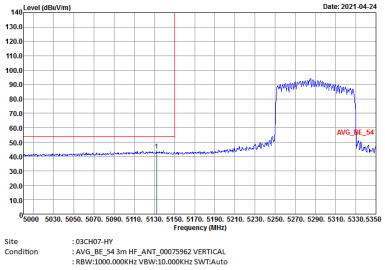
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH62 5310 - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

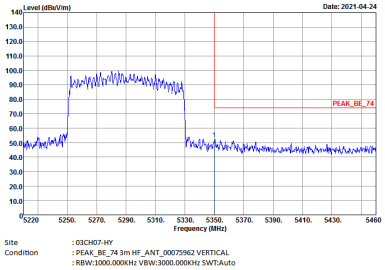
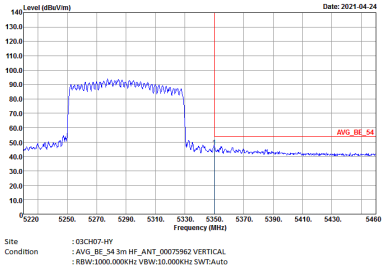
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH62 5310 - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

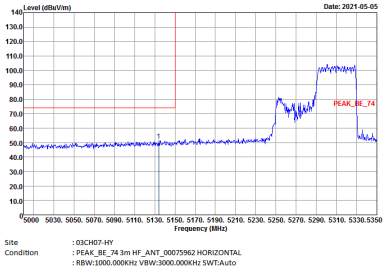
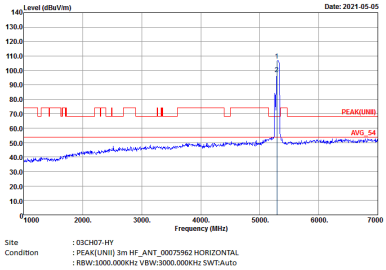
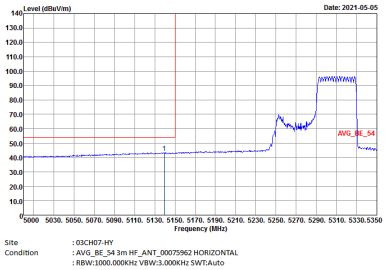
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

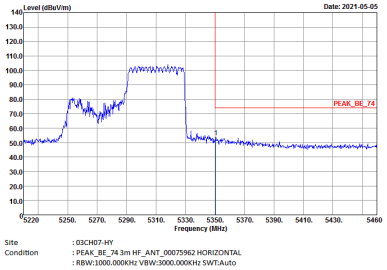
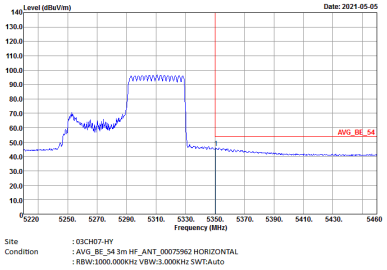
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

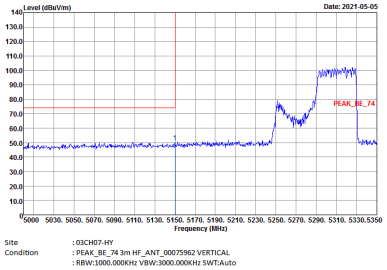
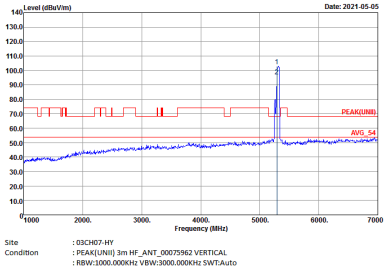
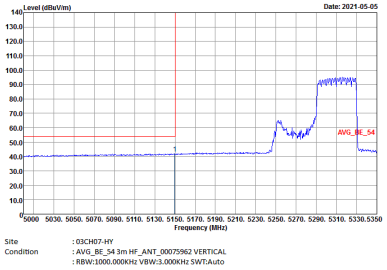
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

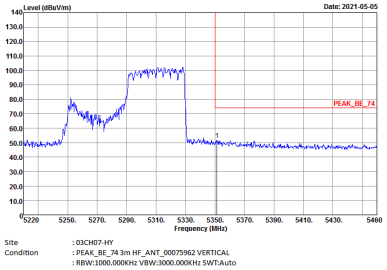
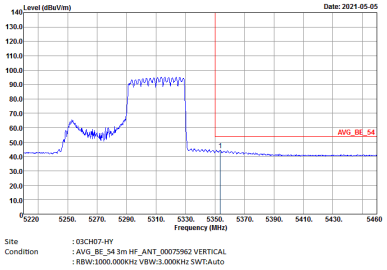
Band 2 5250~5350MHz

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH58 5290MHz - L	
0+1	Horizontal	Fundamental
Peak		
Avg.		Left blank

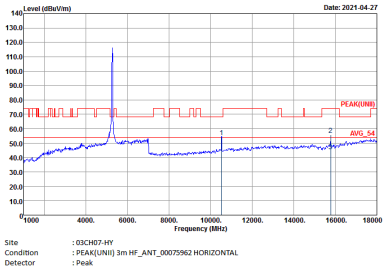
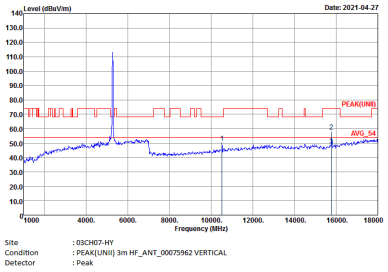
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH58 5290MHz - R	
0+1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

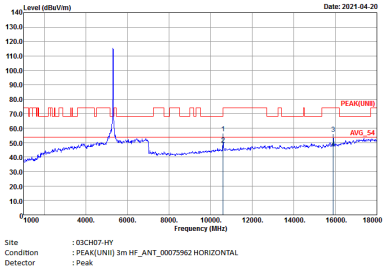
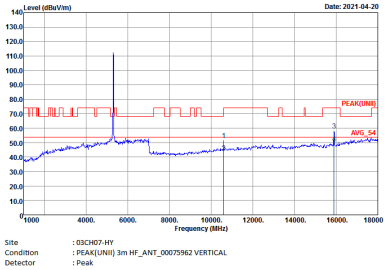
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH58 5290MHz - L	
0+1	Vertical	Fundamental
Peak		
Avg.		Left blank

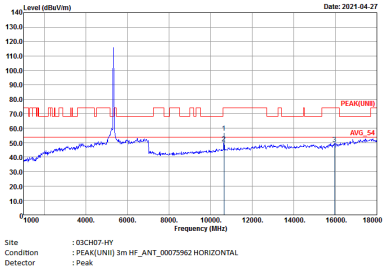
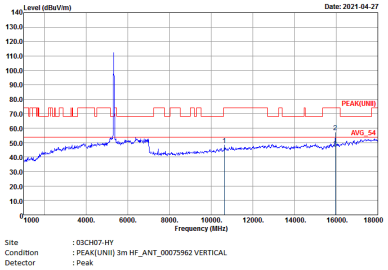
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH58 5290MHz - R	
0+1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

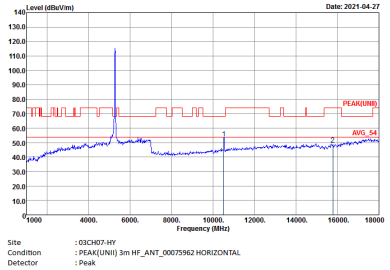
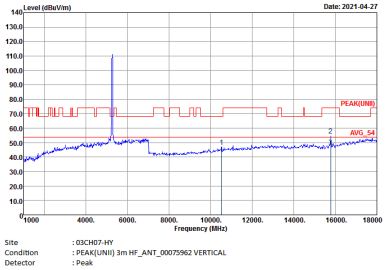
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
0+1	Horizontal	Vertical
Peak Avg.		

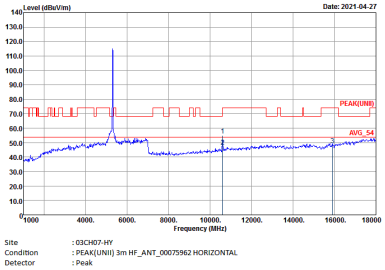
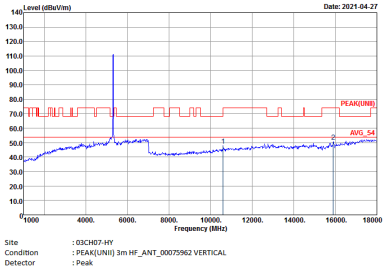
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
0+1	Horizontal	Vertical
Peak Avg.		

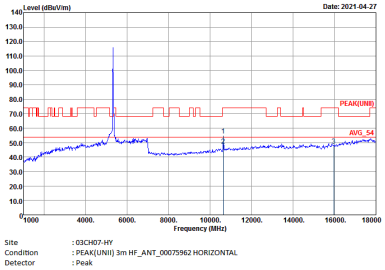
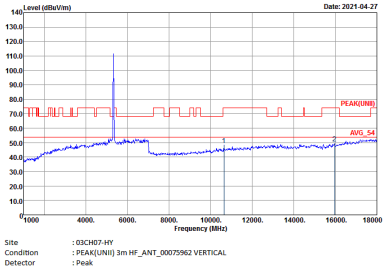
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
0+1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
0+1	Horizontal	Vertical
Peak Avg.		

Band 2 - 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
0+1	Horizontal	Vertical
Peak Avg.