FCC RADIO TEST REPORT

FCC ID	:	**A4RGB7N6**
Equipment	:	**Phone**
Model Name	:	**GB7N6, GR1YH**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Jun. 03, 2021 and testing was started from Jun. 11, 2021 and completed on Aug. 23, 2021. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issued Date
FR0D2942-05E	01	Initial issue of report	Aug. 05, 2021
FR0D2942-05E	02	1. Retest for 26dB and 99% bandwidth 2. Revise remark for antenna gain calculation	Aug. 24, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 1.79 dB at 5381.280 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 19.85 dB at 19.672 MHz
3.6	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: William Chen

Report Producer: Ruby Zou

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	GB7N6, GR1YH
FCC ID	A4RGB7N6
EUT supports Radios application	GSM/EGPRS/WCDM/HSPA/LTE/5G NR/NFC/ GNSS/WPC/WPT WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

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

EUT Information List	
S/N	Performed Test Item
15201FDF60001C	RF Conducted Measurement
15171FDF600099	Radiated Spurious Emission
15141FDF600064	Conducted Emission

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Frequency Range	5180 1MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 4+3>** 802.11a: 21.39 dBm / 0.1377 W 802.11n HT20: 21.64 dBm / 0.1459 W 802.11n HT40: 22.89 dBm / 0.1945 W 802.11ac VHT20: 21.69 dBm / 0.1476 W 802.11ac VHT40: 22.94 dBm / 0.1968 W 802.11ac VHT80: 19.44 dBm / 0.0879 W 802.11ac VHT160: 17.56 dBm / 0.0570 W 802.11ax HE20: 21.74 dBm / 0.1493 W 802.11ax HE40: 22.99 dBm / 0.1991 W 802.11ax HE80: 19.50 dBm / 0.0891 W 802.11ax HE160: 17.61 dBm / 0.0577 W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 4+3>** 802.11a: 21.59 dBm / 0.1442 W 802.11n HT20: 21.34 dBm / 0.1361 W 802.11n HT40: 22.79 dBm / 0.1901 W 802.11ac VHT20: 21.39 dBm / 0.1377 W 802.11ac VHT40: 22.84 dBm / 0.1923 W 802.11ac VHT80: 18.44 dBm / 0.0698 W 802.11ax HE20: 21.44 dBm / 0.1393 W 802.11ax HE40: 22.89 dBm / 0.1945 W 802.11ax HE80: 18.50 dBm / 0.0708 W

Product Specification subjective to this standard	
Maximum Output Power	**<5500 MHz ~ 5720 MHz>** **MIMO <Ant. 4+3>** 802.11a: 21.70 dBm / 0.1479 W 802.11n HT20: 22.19 dBm / 0.1656 W 802.11n HT40: 22.84 dBm / 0.1923 W 802.11ac VHT20: 22.24 dBm / 0.1675 W 802.11ac VHT40: 22.89 dBm / 0.1945 W 802.11ac VHT80: 22.84 dBm / 0.1923 W 802.11ac VHT160: 19.89 dBm / 0.0975 W 802.11ax HE20: 22.29 dBm / 0.1694 W 802.11ax HE40: 22.94 dBm / 0.1968 W 802.11ax HE80: 22.89 dBm / 0.1945 W 802.11ax HE160: 19.94 dBm / 0.0986 W
99% Occupied Bandwidth	**MIMO <Ant. 4>** 802.11a: 17.53 MHz 802.11ax HE20: 19.43 MHz 802.11ax HE40: 38.76 MHz 802.11ax HE80: 77.32 MHz 802.11ax HE160: 156.80 MHz **MIMO <Ant. 3>** 802.11a: 17.33 MHz 802.11ax HE20: 19.28 MHz 802.11ax HE40: 38.76 MHz 802.11ax HE80: 77.32 MHz 802.11ax HE160: 156.32 MHz

<table>
<tr><th colspan="2">Product Specification subjective to this standard</th></tr>
<tr><td>Antenna Type</td><td><5180 MHz ~ 5240 MHz>
<Ant. 4>: ILA Antenna
<Ant. 3>: IFA Antenna
<5260 MHz ~ 5320 MHz>
<Ant. 4>: ILA Antenna
<Ant. 3>: IFA Antenna
<5500 MHz ~ 5720 MHz>
<Ant. 4>: ILA Antenna
<Ant. 3>: IFA Antenna</td></tr>
<tr><td>Antenna Gain</td><td><5180 MHz ~ 5240 MHz>
<Ant. 4>: -1.1 dBi
<Ant. 3>: -2.6 dBi
<5260 MHz ~ 5320 MHz>
<Ant. 4>: -0.1 dBi
<Ant. 3>: -3.8 dBi
<5500 MHz ~ 5720 MHz>
<Ant. 4>: 1.6 dBi
<Ant. 3>: -2.2 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 : OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM/1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><td></td><td>Ant. 4</td><td>Ant. 3</td></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.
2. MIMO Ant. 4+3 Directional Gain is a calculated result from MIMO Ant.4 and MIMO Ant.3. The formula used in calculation is documented in section 3.6.

   Power of MIMO Ant.4 + Ant.3 is a calculated result from sum of the power MIMO Ant.4 and MIMO Ant.3.

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH16-HY, CO07-HY

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

FCC designation No.: TW3786

1.5 Applicable Standards

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

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

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

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

MIMO Mode

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

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

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

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

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

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

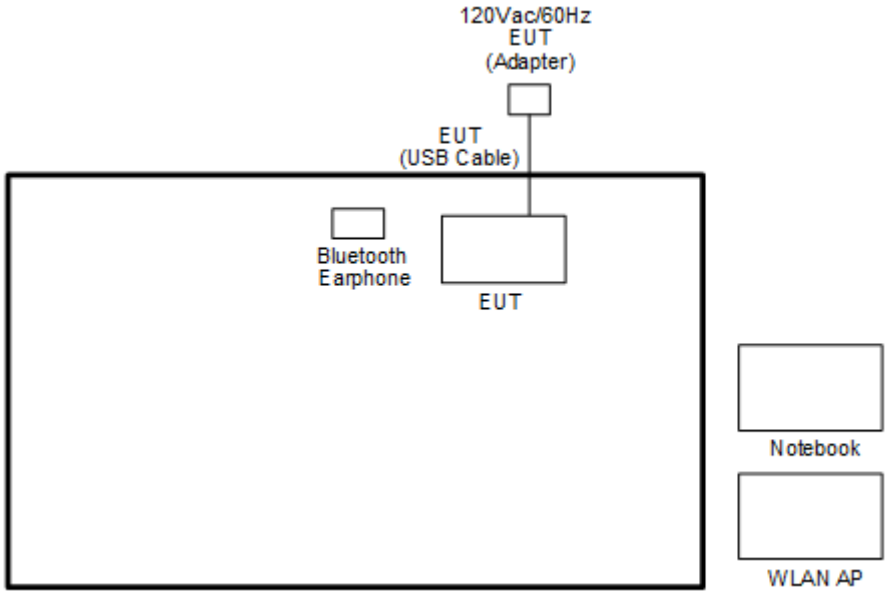
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

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

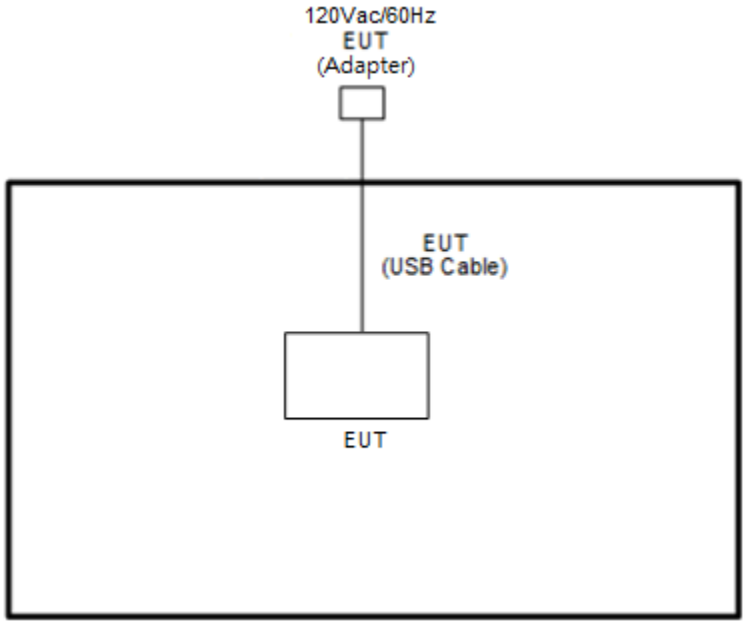
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Google	G1013	N/A	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	Dell	Latitude E3480	FCC DoC	N/A	AC I/P：Unshielded, 1.2m DC O/P：Shielded, 1.8m

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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.

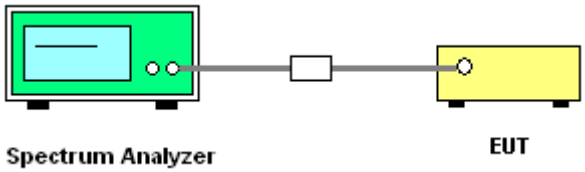
3.1.2 Measuring Instruments

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.

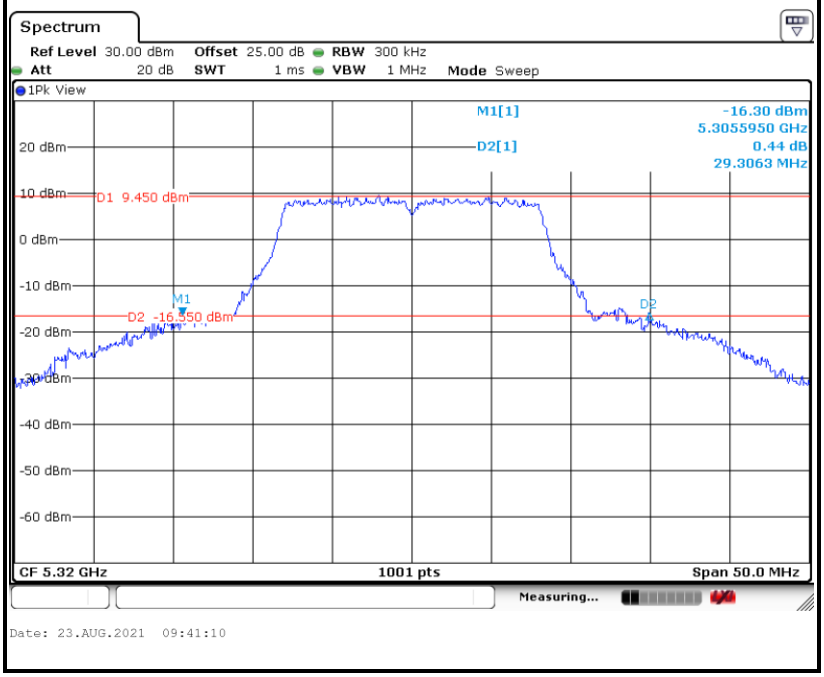
3.1.4 Test Setup



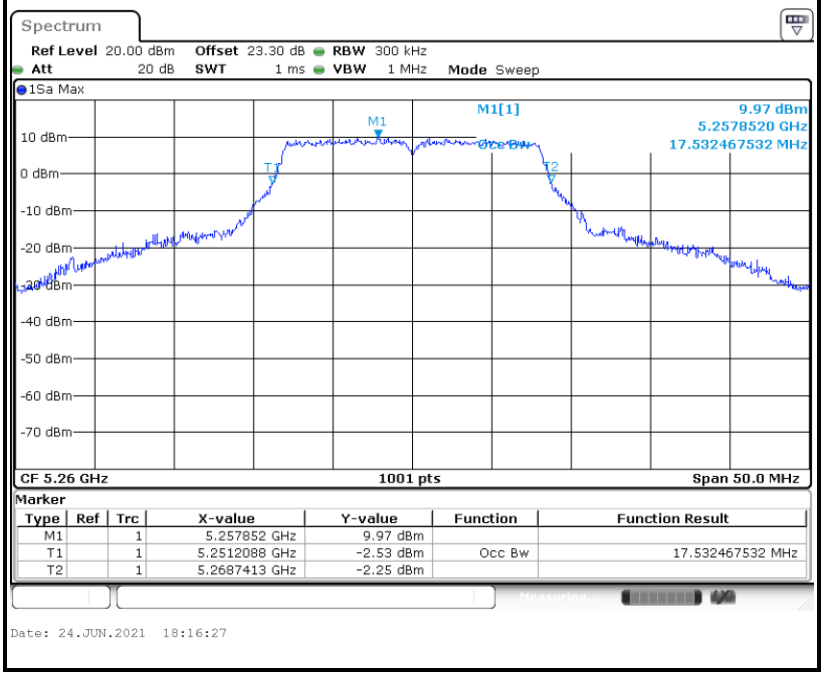
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



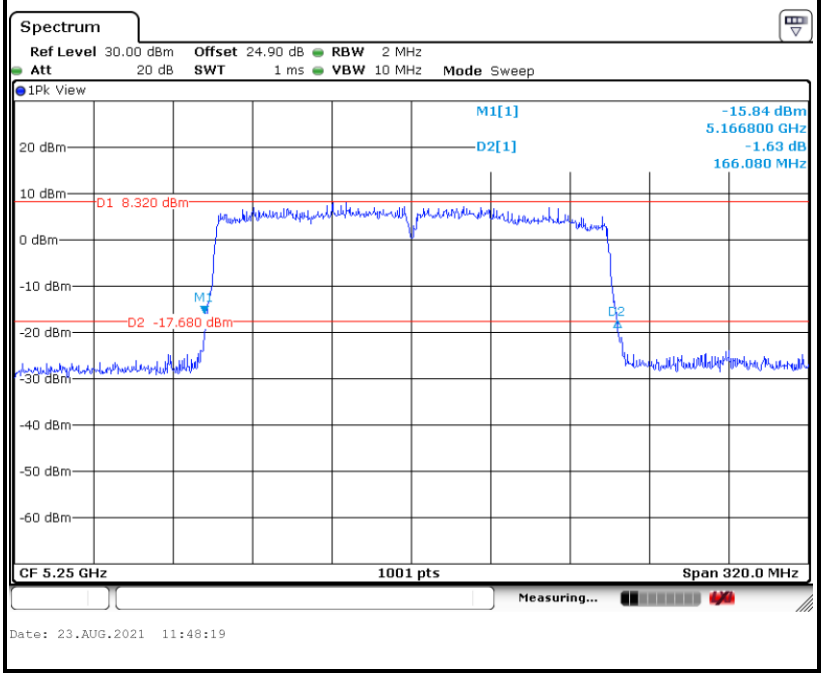
Maximum 99% Occupied Bandwidth



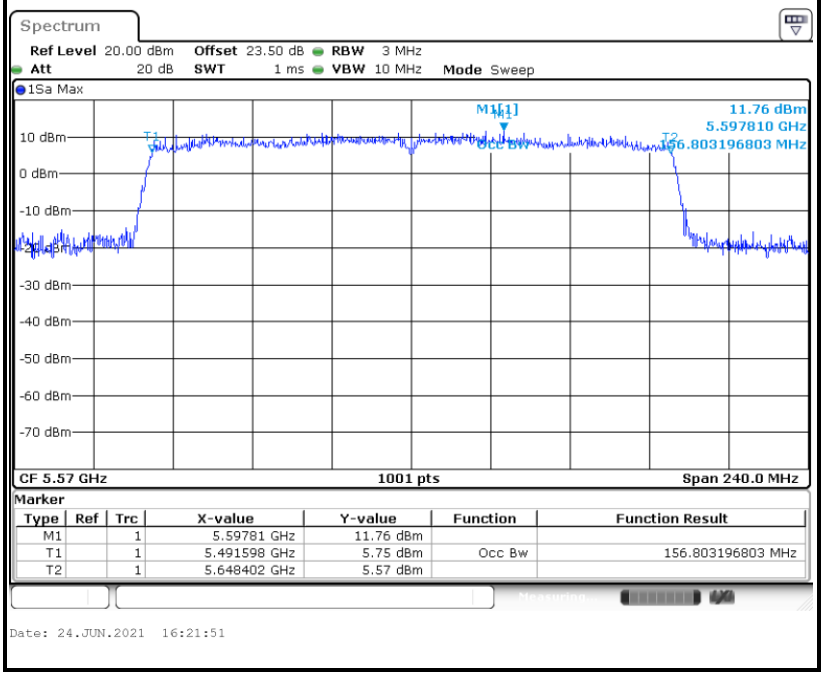
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<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

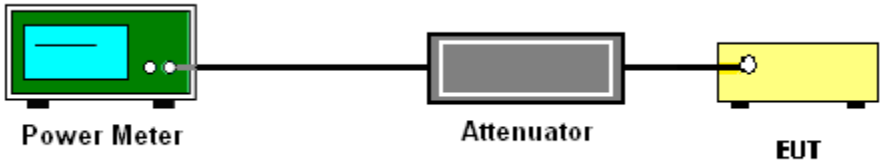
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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):

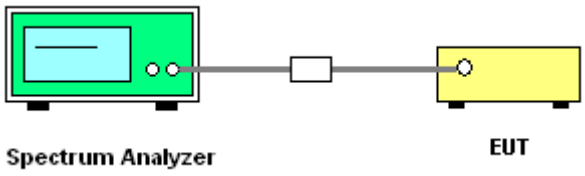
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which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

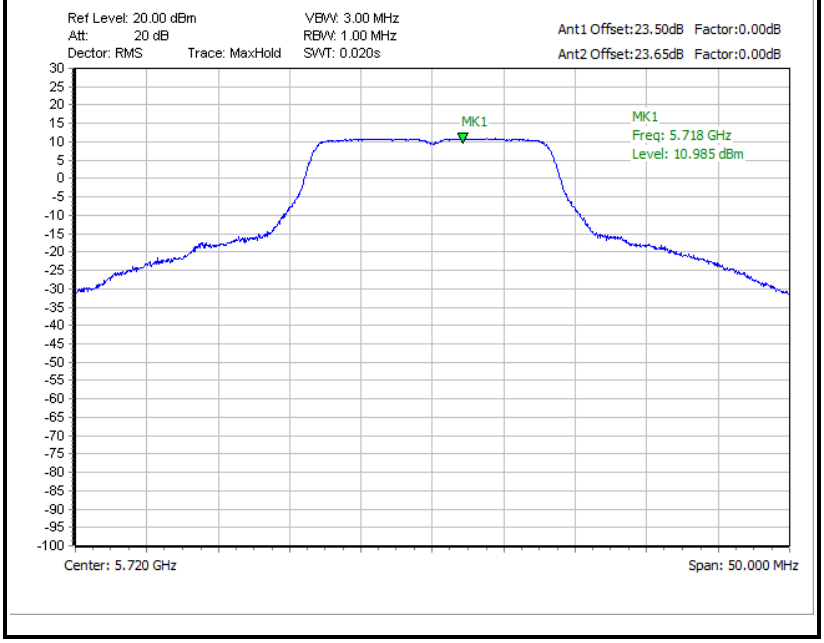
   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and output 3 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup

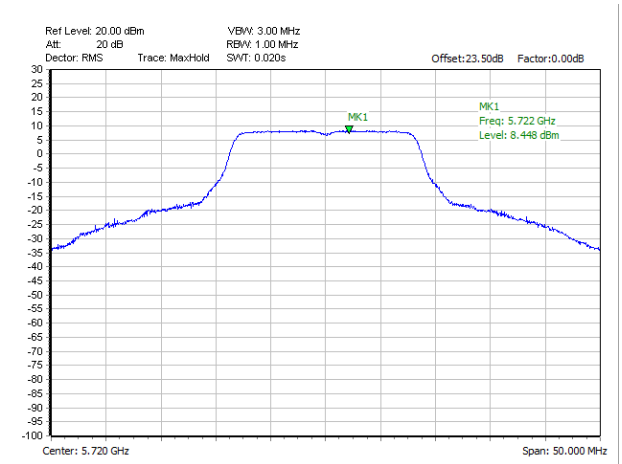
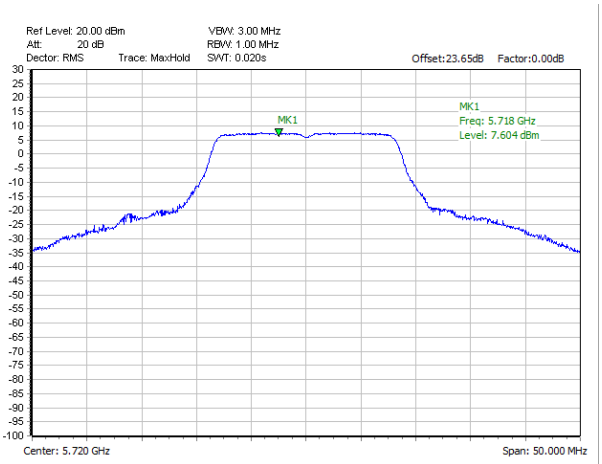


3.3.5 Test Result of Power Spectral Density

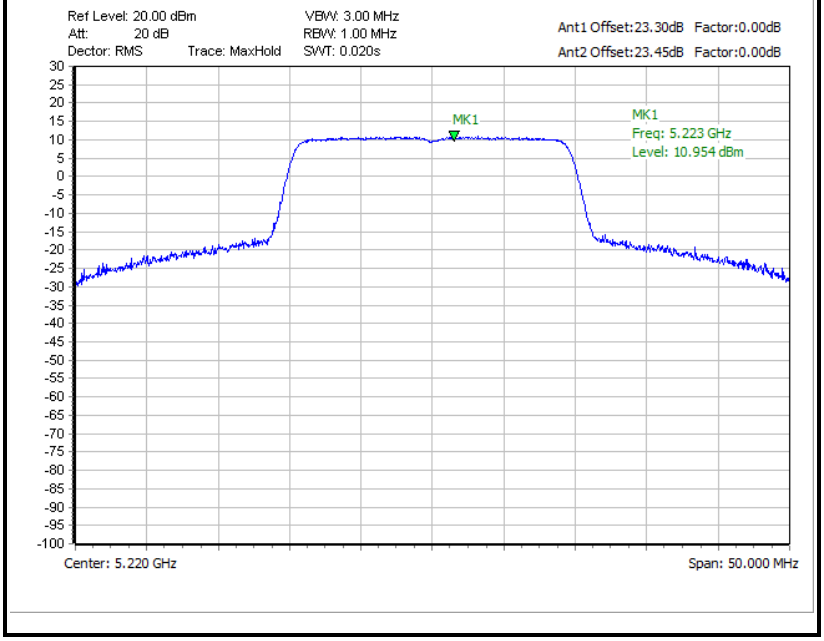
Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)


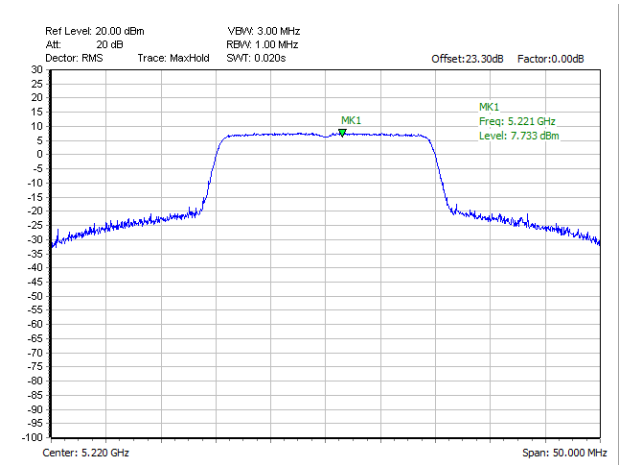
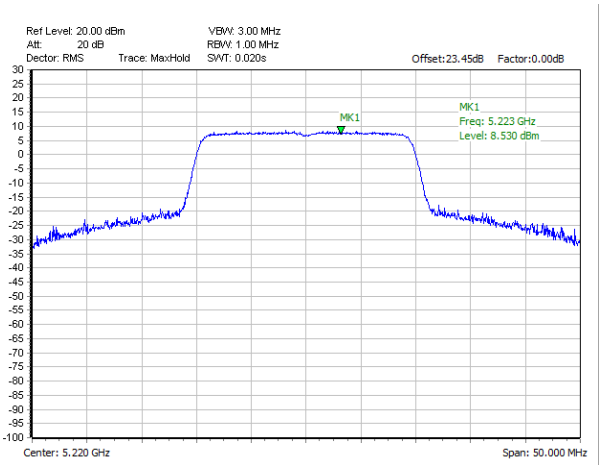
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Worst Case Power Density Trace 1 (Ant 4)	Worst Case Power Density Trace 2 (Ant 3)
	

<For 802.11ax Mode>

Worst Case Power Density (dBm/MHz)


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

Worst Case Power Density Trace 1 (Ant 4)	Worst Case Power Density Trace 2 (Ant 3)
	

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

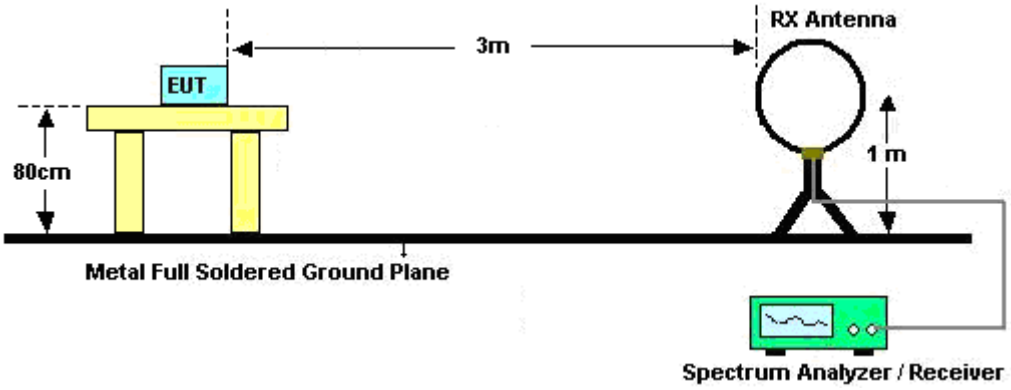
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

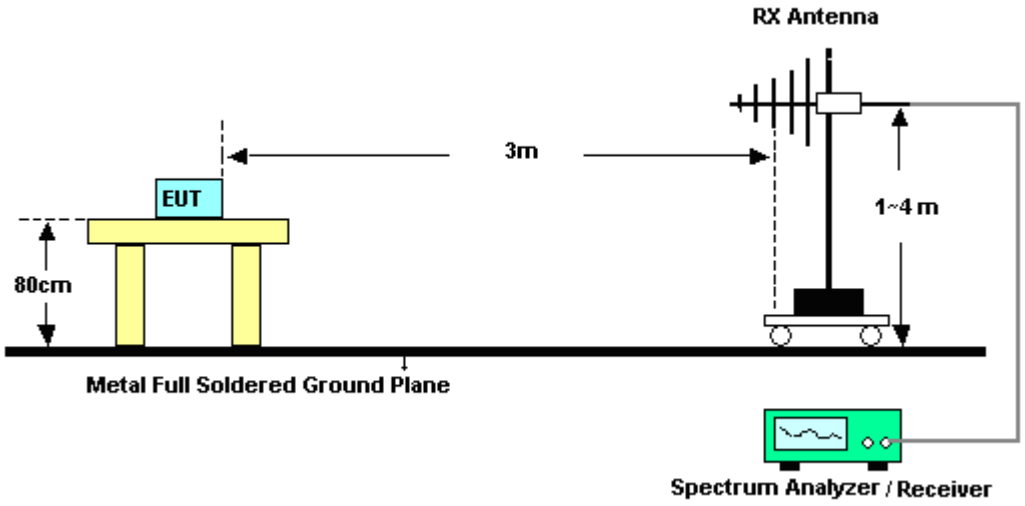
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1 GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

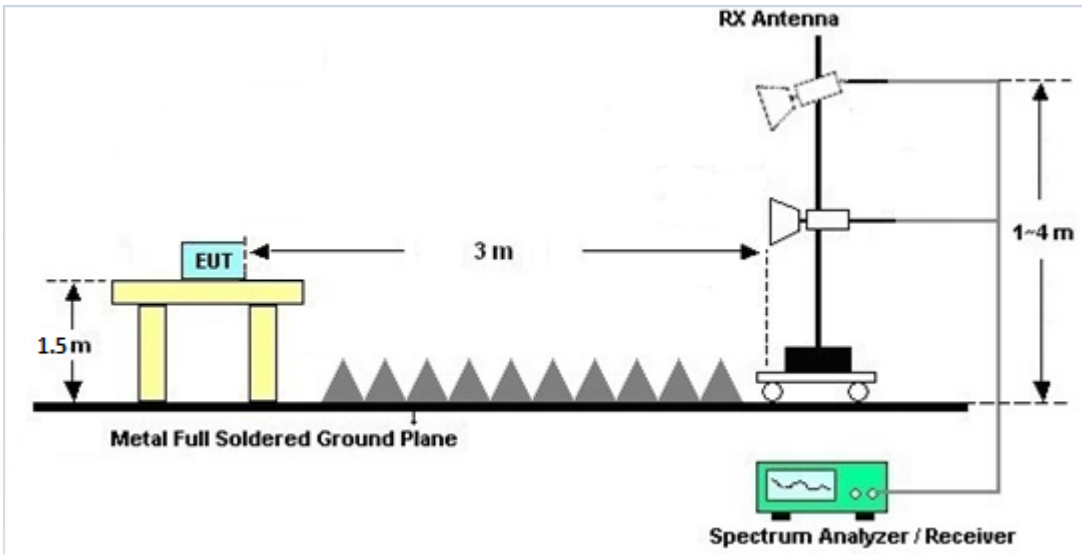
For radiated emissions below 30MHz



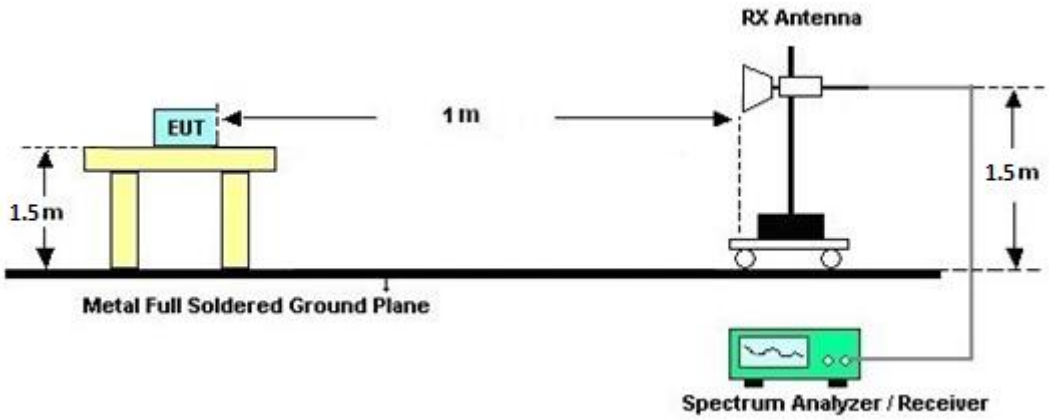
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

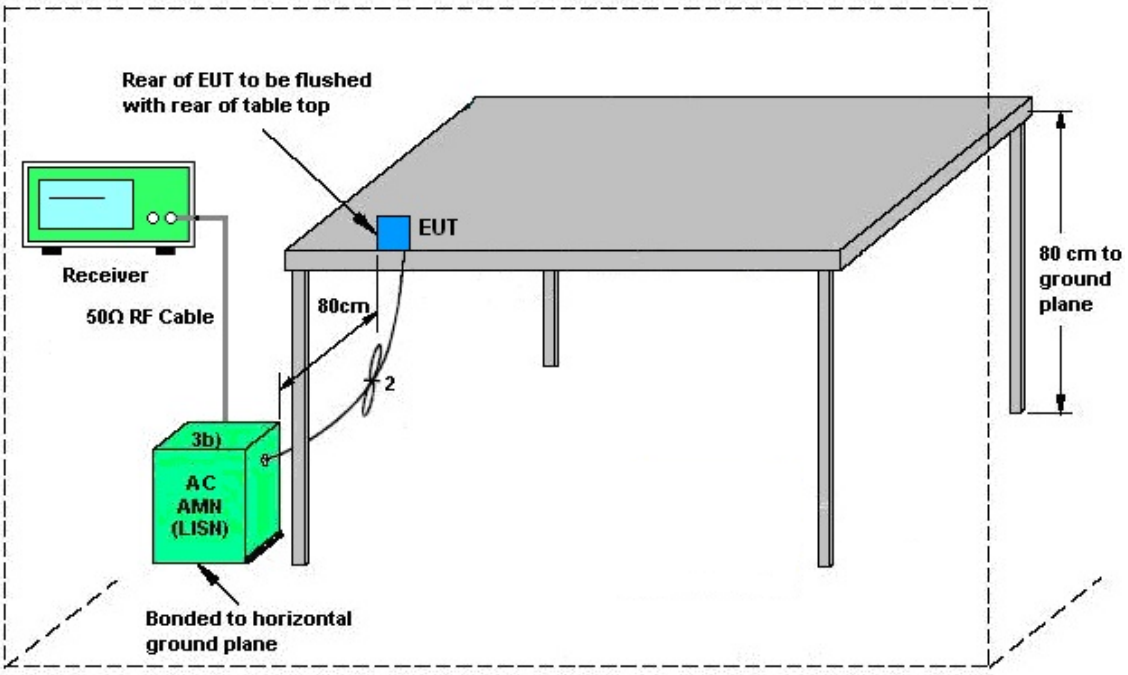
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

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

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

<CDD Modes>

	Ant. 4 (dBi)	Ant. 3 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-1.10	-2.60	-1.10	1.19	0.00	0.00
Band II	-0.10	-3.80	-0.10	1.26	0.00	0.00
Band III	1.60	-2.20	1.60	2.92	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Jun. 11, 2021~ Jul. 27, 2021	Jan. 03, 2022	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01 N-06	47020 & 06	30MHz to 1GHz	Oct. 11, 2020	Jun. 11, 2021~ Jul. 27, 2021	Oct. 10, 2021	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Sep. 29, 2020	Jun. 11, 2021~ Jul. 27, 2021	Sep. 28, 2021	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	00993	18GHz ~40GHz	Nov. 19, 2020	Jun. 11, 2021~ Jul. 27, 2021	Nov. 18, 2021	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Sep. 30, 2020	Jun. 11, 2021~ Jul. 27, 2021	Sep. 29, 2021	Radiation (03CH16-HY)
Amplifier	EMCI	EMC051845SE	980729	1-18GHz	Jul. 10, 2020	Jun. 11, 2021~ Jul. 08, 2021	Jul. 09, 2021	Radiation (03CH16-HY)
Amplifier	EMCI	EMC051845SE	980729	1-18GHz	Jul. 09, 2021	Jul. 09, 2021~ Jul. 27, 2021	Jul. 08, 2022	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800054001	1-18GHz	Sep. 04, 2020	Jun. 11, 2021~ Jul. 27, 2021	Sep. 03, 2021	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 10, 2020	Jun. 11, 2021~ Jul. 27, 2021	Dec. 09, 2021	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 11, 2020	Jun. 11, 2021~ Jul. 27, 2021	Dec. 10, 2021	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 11, 2020	Jun. 11, 2021~ Jul. 27, 2021	Dec. 10, 2021	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9010B	MY60240520	3Hz ~40GHz	Dec. 02, 2020	Jun. 11, 2021~ Jul. 27, 2021	Dec. 01, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/4PE	NA	Aug. 29, 2020	Jun. 11, 2021~ Jul. 27, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4PE	NA	Aug. 29, 2020	Jun. 11, 2021~ Jul. 27, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5757	NA	Aug. 29, 2020	Jun. 11, 2021~ Jul. 27, 2021	Aug. 28, 2021	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303B	TP200881	QA-3-031	Oct. 22, 2020	Jun. 11, 2021~ Jul. 27, 2021	Oct. 21, 2021	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jun. 11, 2021~ Jul. 27, 2021	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 11, 2021~ Jul. 27, 2021	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 11, 2021~ Jul. 27, 2021	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 11, 2021~ Jul. 27, 2021	N/A	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ACPOWER	AFC-11003G	F3170400 33	N/A	N/A	Jun. 29, 2021	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 29, 2021	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 02, 2020	Jun. 29, 2021	Nov. 01, 2021	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 17, 2021	Jun. 29, 2021	Mar. 16, 2022	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Feb. 01, 2021	Jun. 29, 2021	Jan. 31, 2022	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 11, 2020	Jun. 29, 2021	Sep. 10, 2021	Conduction (CO07-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 03, 2021	Jun. 23, 2021~ Aug. 23, 2021	Mar. 02, 2022	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 09, 2020	Jun. 23,2021~ Aug. 23, 2021	Dec. 08, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Jun. 23,2021~ Jul. 02, 2021	Jul. 21, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101565	10Hz ~ 40GHz	Nov. 13, 2020	Aug. 23, 2021	Nov. 12, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2021	Jun. 23, 2021~ Aug. 23, 2021	Mar. 16, 2022	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.2 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.1 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.8 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.7 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Richard Qiu	Temperature:	23.5~25.1	°C
Test Date:	2021/6/23~2021/8/23	Relative Humidity:	52.1~58.7	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	36	5180	17.38	17.13	24.31	22.26	-		22.34			
11a	6Mbps	2	44	5220	17.38	17.13	22.06	22.06	-		22.34			
11a	6Mbps	2	48	5240	17.38	17.13	23.96	24.30	-		22.34			

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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	36	5180	18.50	18.25	21.39	24.00		-1.10		Pass
11a	6Mbps	2	44	5220	18.40	17.95	21.19	24.00		-1.10		Pass
11a	6Mbps	2	48	5240	18.10	17.95	21.04	24.00		-1.10		Pass
HT20	MCS0	2	36	5180	17.80	18.05	20.94	24.00		-1.10		Pass
HT20	MCS0	2	44	5220	18.10	18.25	21.19	24.00		-1.10		Pass
HT20	MCS0	2	48	5240	18.70	18.55	21.64	24.00		-1.10		Pass
HT40	MCS0	2	38	5190	17.10	16.65	19.89	24.00		-1.10		Pass
HT40	MCS0	2	46	5230	20.00	19.75	22.89	24.00		-1.10		Pass
VHT20	MCS0	2	36	5180	17.80	18.15	20.99	24.00		-1.10		Pass
VHT20	MCS0	2	44	5220	18.10	18.35	21.24	24.00		-1.10		Pass
VHT20	MCS0	2	48	5240	18.80	18.55	21.69	24.00		-1.10		Pass
VHT40	MCS0	2	38	5190	17.10	16.75	19.94	24.00		-1.10		Pass
VHT40	MCS0	2	46	5230	20.00	19.85	22.94	24.00		-1.10		Pass
VHT80	MCS0	2	42	5210	16.70	16.15	19.44	24.00		-1.10		Pass
VHT160	MCS0	2	50	5250	15.00	14.05	17.56	24.00		-1.10		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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	36	5180			10.92	11.00		1.19		Pass
11a	6Mbps	2	44	5220			10.89	11.00		1.19		Pass
11a	6Mbps	2	48	5240			10.71	11.00		1.19		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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	52	5260	17.53	17.28	25.11	25.46	23.38		29.38		23.98		
11a	6Mbps	2	60	5300	17.48	17.33	25.76	24.31	23.39		29.39		23.98		
11a	6Mbps	2	64	5320	17.53	17.33	29.31	24.51	23.39		29.39		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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	52	5260	18.80	18.25	21.54	23.98		-0.10		30	Pass
11a	6Mbps	2	60	5300	18.60	18.55	21.59	23.98		-0.10		30	Pass
11a	6Mbps	2	64	5320	18.60	18.35	21.49	23.98		-0.10		30	Pass
HT20	MCS0	2	52	5260	18.30	18.35	21.34	23.98		-0.10		30	Pass
HT20	MCS0	2	60	5300	18.20	18.45	21.34	23.98		-0.10		30	Pass
HT20	MCS0	2	64	5320	17.50	17.15	20.34	23.98		-0.10		30	Pass
HT40	MCS0	2	54	5270	19.80	19.75	22.79	23.98		-0.10		30	Pass
HT40	MCS0	2	62	5310	16.60	16.45	19.54	23.98		-0.10		30	Pass
VHT20	MCS0	2	52	5260	18.40	18.35	21.39	23.98		-0.10		30	Pass
VHT20	MCS0	2	60	5300	18.30	18.45	21.39	23.98		-0.10		30	Pass
VHT20	MCS0	2	64	5320	17.50	17.25	20.39	23.98		-0.10		30	Pass
VHT40	MCS0	2	54	5270	19.90	19.75	22.84	23.98		-0.10		30	Pass
VHT40	MCS0	2	62	5310	16.70	16.45	19.59	23.98		-0.10		30	Pass
VHT80	MCS0	2	58	5290	15.70	15.15	18.44	23.98		-0.10		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	52	5260			10.94	11.00		1.26		Pass
11a	6Mbps	2	60	5300			10.96	11.00		1.26		Pass
11a	6Mbps	2	64	5320			10.98	11.00		1.26		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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
11a	6Mbps	2	100	5500	17.18	16.93	21.59	21.50	23.29		29.29		23.98		----	----
11a	6Mbps	2	116	5580	17.43	17.08	28.50	21.89	23.33		29.33		23.98		----	----
11a	6Mbps	2	140	5700	17.18	16.93	21.61	21.55	23.29		29.29		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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
11a	6Mbps	2	144	5720	13.74	13.49	17.45	16.20	22.30		28.30		23.10		3.2	3.2

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	100	5500	16.70	16.65	19.69	23.98		1.60		30	Pass
11a	6Mbps	2	116	5580	18.80	18.55	21.69	23.98		1.60		30	Pass
11a	6Mbps	2	140	5700	17.00	16.65	19.84	23.98		1.60		30	Pass
HT20	MCS0	2	100	5500	16.80	16.35	19.59	23.98		1.60		30	Pass
HT20	MCS0	2	116	5580	19.20	19.15	22.19	23.98		1.60		30	Pass
HT20	MCS0	2	140	5700	17.50	17.15	20.34	23.98		1.60		30	Pass
HT40	MCS0	2	102	5510	17.30	17.25	20.29	23.98		1.60		30	Pass
HT40	MCS0	2	110	5550	20.00	19.65	22.84	23.98		1.60		30	Pass
HT40	MCS0	2	134	5670	20.00	19.65	22.84	23.98		1.60		30	Pass
VHT20	MCS0	2	100	5500	16.90	16.35	19.64	23.98		1.60		30	Pass
VHT20	MCS0	2	116	5580	19.30	19.15	22.24	23.98		1.60		30	Pass
VHT20	MCS0	2	140	5700	17.50	17.25	20.39	23.98		1.60		30	Pass
VHT40	MCS0	2	102	5510	17.30	17.35	20.34	23.98		1.60		30	Pass
VHT40	MCS0	2	110	5550	20.00	19.75	22.89	23.98		1.60		30	Pass
VHT40	MCS0	2	134	5670	20.00	19.75	22.89	23.98		1.60		30	Pass
VHT80	MCS0	2	106	5530	17.50	17.35	20.44	23.98		1.60		30	Pass
VHT80	MCS0	2	122	5610	20.00	19.65	22.84	23.98		1.60		30	Pass
VHT160	MCS0	2	114	5570	17.00	16.75	19.89	23.98		1.60		30	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
11a	6Mbps	2	144	5720	19.00	18.35	21.70	23.10		1.60		30	Pass
HT20	MCS0	2	144	5720	19.50	18.75	22.15	23.98		1.60		30	Pass
HT40	MCS0	2	142	5710	20.00	19.35	22.70	23.98		1.60		30	Pass
VHT20	MCS0	2	144	5720	19.50	18.85	22.20	23.98		1.60		30	Pass
VHT40	MCS0	2	142	5710	20.00	19.45	22.74	23.98		1.60		30	Pass
VHT80	MCS0	2	138	5690	20.00	19.55	22.79	23.98		1.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	100	5500			8.73	11.00		2.92		Pass
11a	6Mbps	2	116	5580			10.89	11.00		2.92		Pass
11a	6Mbps	2	140	5700			8.97	11.00		2.92		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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
11a	6Mbps	2	144	5720			10.99	11.00		2.92		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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	36	5180	Full	19.18	19.13	27.96	26.46	-		22.82			
HE20	MCS0	2	44	5220	Full	19.18	19.13	24.01	24.51	-		22.82			
HE20	MCS0	2	48	5240	Full	19.28	19.18	29.26	25.06	-		22.83			
HE40	MCS0	2	38	5190	Full	37.96	37.86	39.69	39.78	-		23.01			
HE40	MCS0	2	46	5230	Full	38.66	38.46	71.55	69.30	-		23.01			
HE80	MCS0	2	42	5210	Full	76.96	76.96	82.44	81.40	-		23.01			
HE160	MCS0	2	50	5250	Full	156.56	156.32	166.08	164.80	-		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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	36	5180	Full	17.80	18.25	21.04	24.00		-1.10			Pass
HE20	MCS0	2	36	5180	26/0	9.50	8.45	12.02	24.00		-1.10			Pass
HE20	MCS0	2	36	5180	52/37	12.20	11.65	14.94	24.00		-1.10			Pass
HE20	MCS0	2	36	5180	106/53	15.20	14.85	18.04	24.00		-1.10			Pass
HE20	MCS0	2	44	5220	Full	18.10	18.45	21.29	24.00		-1.10			Pass
HE20	MCS0	2	44	5220	26/4	10.70	10.15	13.44	24.00		-1.10			Pass
HE20	MCS0	2	44	5220	52/39	12.60	11.95	15.30	24.00		-1.10			Pass
HE20	MCS0	2	44	5220	106/53	15.70	15.05	18.40	24.00		-1.10			Pass
HE20	MCS0	2	48	5240	Full	18.80	18.65	21.74	24.00		-1.10			Pass
HE20	MCS0	2	48	5240	26/8	9.80	8.85	12.36	24.00		-1.10			Pass
HE20	MCS0	2	48	5240	52/40	12.30	11.75	15.04	24.00		-1.10			Pass
HE20	MCS0	2	48	5240	106/54	15.40	15.05	18.24	24.00		-1.10			Pass
HE40	MCS0	2	38	5190	Full	17.20	16.75	19.99	24.00		-1.10			Pass
HE40	MCS0	2	46	5230	Full	20.00	19.95	22.99	24.00		-1.10			Pass
HE80	MCS0	2	42	5210	Full	16.80	16.15	19.50	24.00		-1.10			Pass
HE160	MCS0	2	50	5250	Full	15.00	14.15	17.61	24.00		-1.10			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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	36	5180	Full			10.41	11.00		1.19		Pass
HE20	MCS0	2	36	5180	26/0			10.38	11.00		1.19		Pass
HE20	MCS0	2	36	5180	52/37			10.25	11.00		1.19		Pass
HE20	MCS0	2	36	5180	106/53			10.28	11.00		1.19		Pass
HE20	MCS0	2	44	5220	Full			10.95	11.00		1.19		Pass
HE20	MCS0	2	44	5220	26/4			10.93	11.00		1.19		Pass
HE20	MCS0	2	44	5220	52/39			10.88	11.00		1.19		Pass
HE20	MCS0	2	44	5220	106/53			10.91	11.00		1.19		Pass
HE20	MCS0	2	48	5240	Full			10.81	11.00		1.19		Pass
HE20	MCS0	2	48	5240	26/8			10.80	11.00		1.19		Pass
HE20	MCS0	2	48	5240	52/40			10.64	11.00		1.19		Pass
HE20	MCS0	2	48	5240	106/54			10.77	11.00		1.19		Pass
HE40	MCS0	2	38	5190	Full			6.33	11.00		1.19		Pass
HE40	MCS0	2	46	5230	Full			9.47	11.00		1.19		Pass
HE80	MCS0	2	42	5210	Full			2.54	11.00		1.19		Pass
HE160	MCS0	2	50	5250	Full			-1.37	11.00		1.19		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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	52	5260	Full	19.23	19.18	28.46	23.94	23.83		29.83		23.98		
HE20	MCS0	2	60	5300	Full	19.23	19.18	27.66	26.11	23.83		29.83		23.98		
HE20	MCS0	2	64	5320	Full	19.18	19.18	23.06	21.81	23.83		29.83		23.98		
HE40	MCS0	2	54	5270	Full	38.76	38.76	63.73	58.42	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	Full	37.96	37.86	39.78	39.78	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	Full	77.08	77.08	82.76	81.56	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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	52	5260	Full	18.40	18.45	21.44	23.98		-0.10		30	Pass
HE20	MCS0	2	52	5260	26/0	10.00	8.85	12.47	23.98		-0.10		30	Pass
HE20	MCS0	2	52	5260	52/37	12.90	11.65	15.33	23.98		-0.10		30	Pass
HE20	MCS0	2	52	5260	106/53	15.50	14.65	18.11	23.98		-0.10		30	Pass
HE20	MCS0	2	60	5300	Full	18.40	18.45	21.44	23.98		-0.10		30	Pass
HE20	MCS0	2	60	5300	26/4	10.40	9.85	13.14	23.98		-0.10		30	Pass
HE20	MCS0	2	60	5300	52/39	12.70	12.05	15.40	23.98		-0.10		30	Pass
HE20	MCS0	2	60	5300	106/54	15.40	14.85	18.14	23.98		-0.10		30	Pass
HE20	MCS0	2	64	5320	Full	17.50	17.35	20.44	23.98		-0.10		30	Pass
HE20	MCS0	2	64	5320	26/8	8.30	7.65	11.00	23.98		-0.10		30	Pass
HE20	MCS0	2	64	5320	52/40	11.00	10.45	13.74	23.98		-0.10		30	Pass
HE20	MCS0	2	64	5320	106/54	14.10	13.55	16.84	23.98		-0.10		30	Pass
HE40	MCS0	2	54	5270	Full	20.00	19.75	22.89	23.98		-0.10		30	Pass
HE40	MCS0	2	62	5310	Full	16.80	16.45	19.64	23.98		-0.10		30	Pass
HE80	MCS0	2	58	5290	Full	15.80	15.15	18.50	23.98		-0.10		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	52	5260	Full			10.73	11.00		1.26		Pass
HE20	MCS0	2	52	5260	26/0			10.62	11.00		1.26		Pass
HE20	MCS0	2	52	5260	52/37			10.60	11.00		1.26		Pass
HE20	MCS0	2	52	5260	106/53			10.59	11.00		1.26		Pass
HE20	MCS0	2	60	5300	Full			10.66	11.00		1.26		Pass
HE20	MCS0	2	60	5300	26/4			10.53	11.00		1.26		Pass
HE20	MCS0	2	60	5300	52/39			10.61	11.00		1.26		Pass
HE20	MCS0	2	60	5300	106/54			10.62	11.00		1.26		Pass
HE20	MCS0	2	64	5320	Full			9.39	11.00		1.26		Pass
HE20	MCS0	2	64	5320	26/8			9.29	11.00		1.26		Pass
HE20	MCS0	2	64	5320	52/40			9.12	11.00		1.26		Pass
HE20	MCS0	2	64	5320	106/54			9.31	11.00		1.26		Pass
HE40	MCS0	2	54	5270	Full			8.74	11.00		1.26		Pass
HE40	MCS0	2	62	5310	Full			6.19	11.00		1.26		Pass
HE80	MCS0	2	58	5290	Full			1.59	11.00		1.26		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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
HE20	MCS0	2	100	5500	Full	19.18	19.13	21.70	21.55	23.82		29.82		23.98		----	----
HE20	MCS0	2	116	5580	Full	19.43	19.28	33.70	26.01	23.85		29.85		23.98		----	----
HE20	MCS0	2	140	5700	Full	19.23	19.13	23.06	21.69	23.82		29.82		23.98		----	----
HE40	MCS0	2	102	5510	Full	37.96	37.86	40.15	39.78	23.98		30.00		23.98		----	----
HE40	MCS0	2	110	5550	Full	38.66	38.26	61.31	44.29	23.98		30.00		23.98		----	----
HE40	MCS0	2	134	5670	Full	38.66	38.16	59.95	46.96	23.98		30.00		23.98		----	----
HE80	MCS0	2	106	5530	Full	77.08	77.20	82.76	81.48	23.98		30.00		23.98		----	----
HE80	MCS0	2	122	5610	Full	77.32	77.32	150.40	134.14	23.98		30.00		23.98		----	----
HE160	MCS0	2	114	5570	Full	156.80	156.32	165.76	164.80	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 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3	Ant 4	Ant 3
HE20	MCS0	2	144	5720	Full	14.69	14.64	20.85	18.51	22.66		28.66		23.67		4.499	4.499
HE40	MCS0	2	142	5710	Full	34.18	34.08	43.72	36.88	23.98		30.00		23.98		3.72	3.81
HE80	MCS0	2	138	5690	Full	73.72	73.60	100.21	91.65	23.98		30.00		23.98		3.72	3.401

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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 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	100	5500	Full	17.00	16.35	19.70	23.98		1.60		30	Pass
HE20	MCS0	2	100	5500	26/0	7.40	7.35	10.39	23.98		1.60		30	Pass
HE20	MCS0	2	100	5500	52/37	10.40	10.15	13.29	23.98		1.60		30	Pass
HE20	MCS0	2	100	5500	106/53	13.20	12.95	16.09	23.98		1.60		30	Pass
HE20	MCS0	2	116	5580	Full	19.40	19.15	22.29	23.98		1.60		30	Pass
HE20	MCS0	2	116	5580	26/4	10.70	10.15	13.44	23.98		1.60		30	Pass
HE20	MCS0	2	116	5580	52/38	12.30	11.95	15.14	23.98		1.60		30	Pass
HE20	MCS0	2	116	5580	106/53	15.60	15.05	18.34	23.98		1.60		30	Pass
HE20	MCS0	2	140	5700	Full	17.50	17.35	20.44	23.98		1.60		30	Pass
HE20	MCS0	2	140	5700	26/8	8.40	7.45	10.96	23.98		1.60		30	Pass
HE20	MCS0	2	140	5700	52/40	10.90	10.15	13.55	23.98		1.60		30	Pass
HE20	MCS0	2	140	5700	106/54	13.90	12.75	16.37	23.98		1.60		30	Pass
HE40	MCS0	2	102	5510	Full	17.40	17.35	20.39	23.98		1.60		30	Pass
HE40	MCS0	2	110	5550	Full	20.00	19.85	22.94	23.98		1.60		30	Pass
HE40	MCS0	2	134	5670	Full	20.00	19.85	22.94	23.98		1.60		30	Pass
HE80	MCS0	2	106	5530	Full	17.50	17.45	20.49	23.98		1.60		30	Pass
HE80	MCS0	2	122	5610	Full	20.00	19.75	22.89	23.98		1.60		30	Pass
HE160	MCS0	2	114	5570	Full	17.00	16.85	19.94	23.98		1.60		30	Pass

FCC Band III straddle channel MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3		
HE20	MCS0	2	144	5720	Full	19.50	18.95	22.24	23.67		1.60		30	Pass
HE20	MCS0	2	144	5720	26/8	10.10	8.95	12.57	23.67		1.60		30	Pass
HE20	MCS0	2	144	5720	52/40	13.00	11.65	15.39	23.67		1.60		30	Pass
HE20	MCS0	2	144	5720	106/54	15.70	14.75	18.26	23.67		1.60		30	Pass
HE40	MCS0	2	142	5710	Full	20.00	19.55	22.79	23.98		1.60		30	Pass
HE80	MCS0	2	138	5690	Full	20.00	19.65	22.84	23.98		1.60		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	100	5500	Full			8.55	11.00		2.92		Pass
HE20	MCS0	2	100	5500	26/0			8.47	11.00		2.92		Pass
HE20	MCS0	2	100	5500	52/37			8.51	11.00		2.92		Pass
HE20	MCS0	2	100	5500	106/53			8.35	11.00		2.92		Pass
HE20	MCS0	2	116	5580	Full			10.86	11.00		2.92		Pass
HE20	MCS0	2	116	5580	26/4			10.76	11.00		2.92		Pass
HE20	MCS0	2	116	5580	52/38			10.81	11.00		2.92		Pass
HE20	MCS0	2	116	5580	106/53			10.69	11.00		2.92		Pass
HE20	MCS0	2	140	5700	Full			9.06	11.00		2.92		Pass
HE20	MCS0	2	140	5700	26/8			9.04	11.00		2.92		Pass
HE20	MCS0	2	140	5700	52/40			9.05	11.00		2.92		Pass
HE20	MCS0	2	140	5700	106/54			8.74	11.00		2.92		Pass
HE40	MCS0	2	102	5510	Full			6.67	11.00		2.92		Pass
HE40	MCS0	2	110	5550	Full			9.06	11.00		2.92		Pass
HE40	MCS0	2	134	5670	Full			9.06	11.00		2.92		Pass
HE80	MCS0	2	106	5530	Full			3.55	11.00		2.92		Pass
HE80	MCS0	2	122	5610	Full			6.22	11.00		2.92		Pass
HE160	MCS0	2	114	5570	Full			0.49	11.00		2.92		Pass

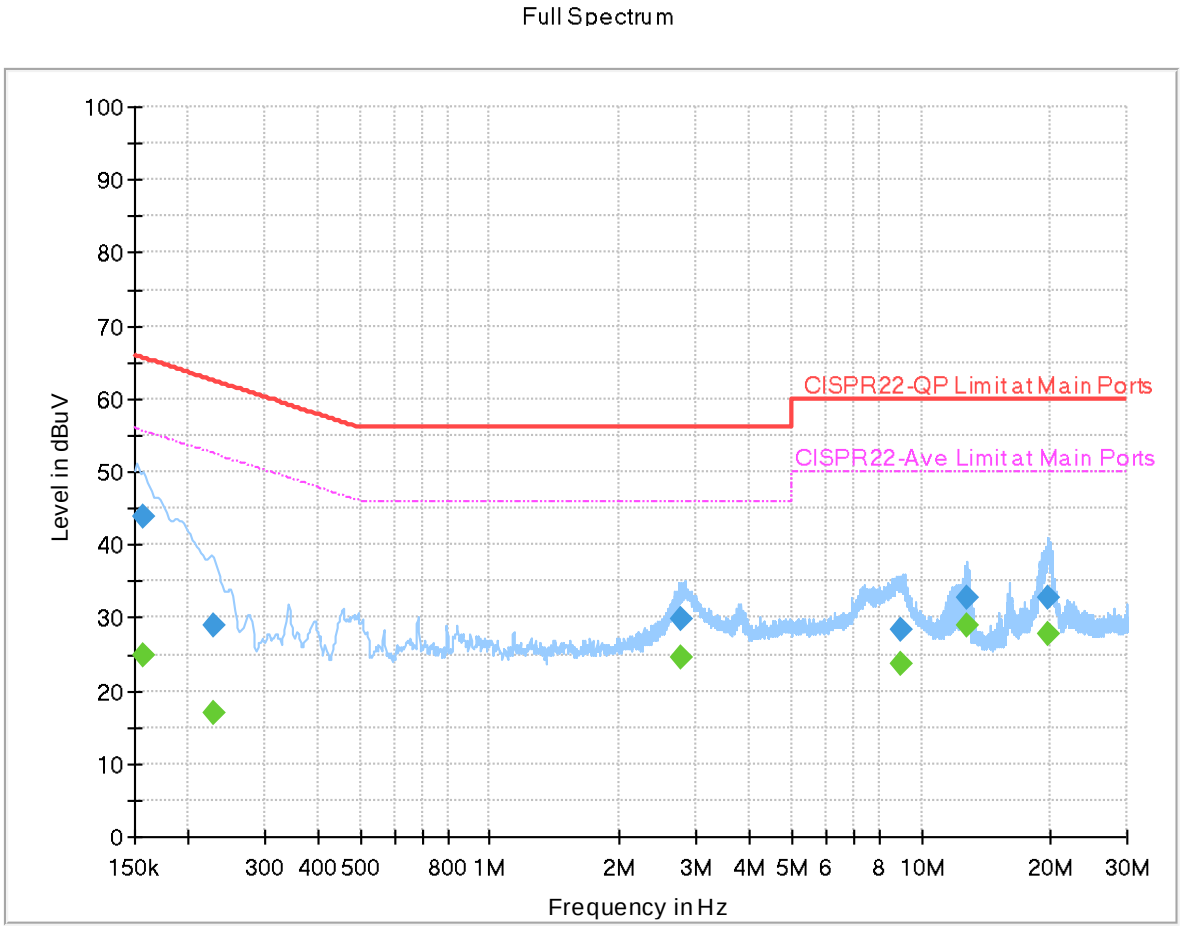
Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
						Ant 4	Ant 3	SUM	Ant 4	Ant 3	Ant 4	Ant 3	
HE20	MCS0	2	144	5720	Full			10.82	11.00		2.92		Pass
HE40	MCS0	2	144	5720	26/8			10.71	11.00		2.92		Pass
HE40	MCS0	2	144	5720	52/40			10.64	11.00		2.92		Pass
HE40	MCS0	2	144	5720	106/54			10.64	11.00		2.92		Pass
HE40	MCS0	2	142	5710	Full			8.93	11.00		2.92		Pass
HE80	MCS0	2	138	5690	Full			6.32	11.00		2.92		Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO :	0D2942-05
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

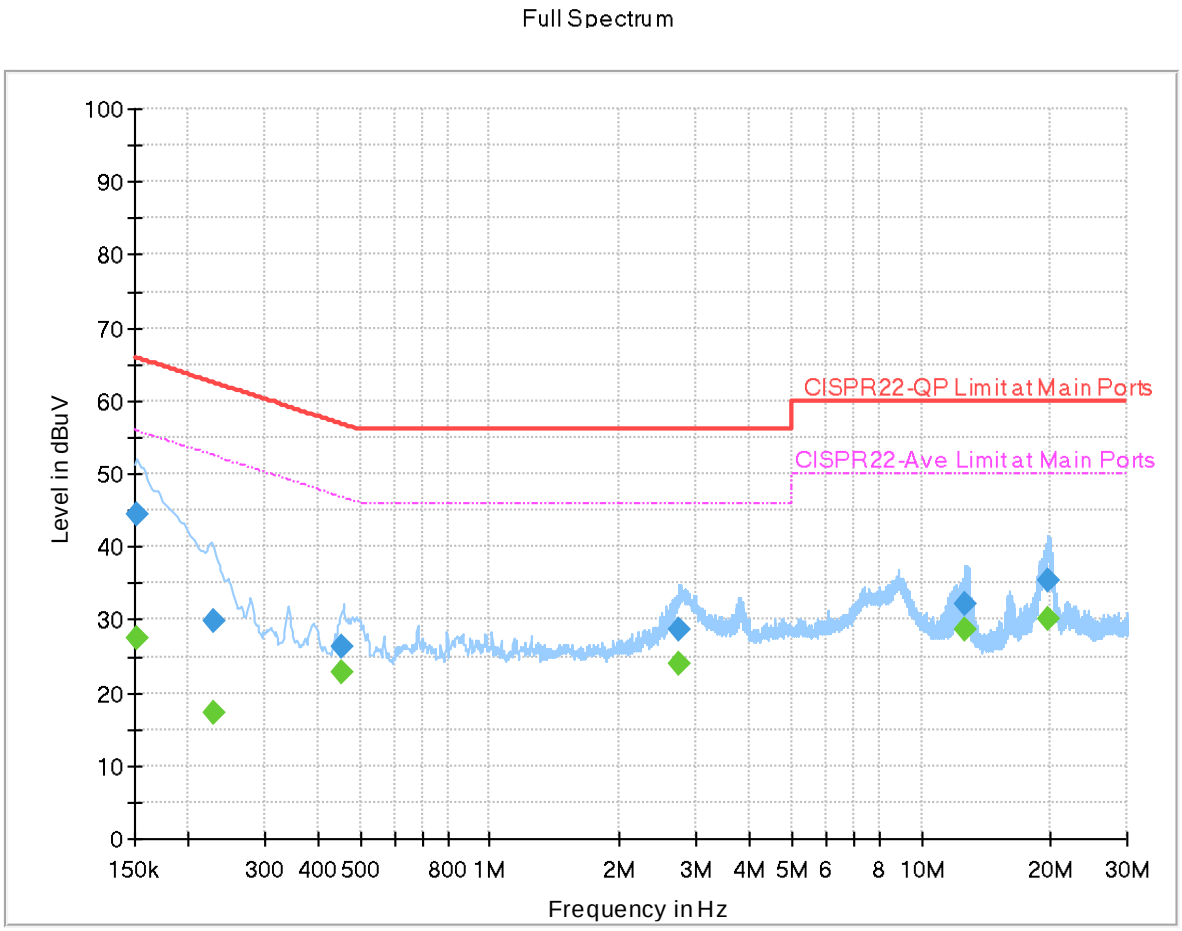


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	24.75	55.63	30.88	L1	OFF	20.0
0.156750	43.84	---	65.63	21.79	L1	OFF	20.0
0.229830	---	16.82	52.46	35.64	L1	OFF	20.0
0.229830	28.95	---	62.46	33.51	L1	OFF	20.0
2.779260	---	24.53	46.00	21.47	L1	OFF	20.1
2.779260	29.92	---	56.00	26.08	L1	OFF	20.1
8.951820	---	23.58	50.00	26.42	L1	OFF	20.1
8.951820	28.40	---	60.00	31.60	L1	OFF	20.1
12.777270	---	28.93	50.00	21.07	L1	OFF	20.2
12.777270	32.77	---	60.00	27.23	L1	OFF	20.2
19.646790	---	27.69	50.00	22.31	L1	OFF	20.2
19.646790	32.63	---	60.00	27.37	L1	OFF	20.2

EUT Information

Report NO :	0D2942-05
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151755	---	27.37	55.90	28.53	N	OFF	20.0
0.151755	44.33	---	65.90	21.57	N	OFF	20.0
0.227940	---	17.28	52.52	35.24	N	OFF	20.0
0.227940	29.90	---	62.52	32.62	N	OFF	20.0
0.454200	---	22.77	46.80	24.03	N	OFF	20.0
0.454200	26.19	---	56.80	30.61	N	OFF	20.0
2.751000	---	24.08	46.00	21.92	N	OFF	20.1
2.751000	28.60	---	56.00	27.40	N	OFF	20.1
12.682230	---	28.72	50.00	21.28	N	OFF	20.2
12.682230	32.30	---	60.00	27.70	N	OFF	20.2
19.671900	---	30.15	50.00	19.85	N	OFF	20.3
19.671900	35.51	---	60.00	24.49	N	OFF	20.3

Appendix C. Radiated Spurious Emission

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

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5146.12	64.84	-9.16	74	49.67	31.8	13.04	29.67	100	61	P	H
		5148.98	48.49	-5.51	54	33.31	31.8	13.05	29.67	100	61	A	H
	*	5180	113.19	-	-	98.1	31.68	13.09	29.68	100	61	P	H
	*	5180	104.43	-	-	89.34	31.68	13.09	29.68	100	61	A	H
													H
													H
		5148.2	61.77	-12.23	74	46.59	31.8	13.05	29.67	377	111	P	V
		5149.5	48.66	-5.34	54	33.48	31.8	13.05	29.67	377	111	A	V
	*	5180	112.99	-	-	97.9	31.68	13.09	29.68	377	111	P	V
	*	5180	105.15	-	-	90.06	31.68	13.09	29.68	377	111	A	V
													V
													V
802.11a CH 44 5220MHz		5148.72	58.87	-15.13	74	43.69	31.8	13.05	29.67	100	61	P	H
		5144.04	44.2	-9.8	54	29.03	31.8	13.04	29.67	100	61	A	H
	*	5220	113.95	-	-	99.01	31.48	13.15	29.69	100	61	P	H
	*	5220	105.1	-	-	90.16	31.48	13.15	29.69	100	61	A	H
		5365.64	56.9	-17.1	74	42.04	31.16	13.41	29.71	100	61	P	H
		5393.36	44.82	-9.18	54	29.8	31.27	13.46	29.71	100	61	A	H
		5149.76	56.15	-17.85	74	40.97	31.8	13.05	29.67	392	116	P	V
		5119.86	43.76	-10.24	54	28.62	31.8	13.01	29.67	392	116	A	V
	*	5220	113.63	-	-	98.69	31.48	13.15	29.69	392	116	P	V
	*	5220	105.71	-	-	90.77	31.48	13.15	29.69	392	116	A	V
		5368.44	55.65	-18.35	74	40.78	31.17	13.41	29.71	392	116	P	V
		5364.52	43.78	-10.22	54	28.92	31.16	13.41	29.71	392	116	A	V

802.11a CH 48 5240MHz		5124.54	54.84	-19.16	74	39.69	31.8	13.02	29.67	100	62	P	H
		5129.48	44.25	-9.75	54	29.1	31.8	13.02	29.67	100	62	A	H
	*	5240	114.46	-	-	99.61	31.36	13.18	29.69	100	62	P	H
	*	5240	105.57	-	-	90.72	31.36	13.18	29.69	100	62	A	H
		5386.36	56.2	-17.8	74	41.21	31.25	13.45	29.71	100	62	P	H
		5387.2	44.56	-9.44	54	29.57	31.25	13.45	29.71	100	62	A	H
		5088.14	56.52	-17.48	74	41.46	31.75	12.97	29.66	368	116	P	V
		5119.6	43.74	-10.26	54	28.6	31.8	13.01	29.67	368	116	A	V
	*	5240	113.61	-	-	98.76	31.36	13.18	29.69	368	116	P	V
	*	5240	105.9	-	-	91.05	31.36	13.18	29.69	368	116	A	V
		5375.72	54.86	-19.14	74	39.94	31.2	13.43	29.71	368	116	P	V
		5359.76	44.21	-9.79	54	29.38	31.14	13.4	29.71	368	116	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.96	-20.24	68.2	45.36	39.44	19.39	56.23	100	0	P	H
		15540	47.17	-26.83	74	41.38	37.98	23.22	55.41	100	0	P	H
		17978	58.75	-15.25	74	41.76	48.84	25.44	57.29	100	0	P	H
		17978	47.51	-6.49	54	30.52	48.84	25.44	57.29	100	0	A	H
													H
													H
		10360	48.72	-19.48	68.2	46.12	39.44	19.39	56.23	100	0	P	V
		15540	46.91	-27.09	74	41.12	37.98	23.22	55.41	100	0	P	V
		18000	58.94	-15.06	74	41.49	49.3	25.45	57.3	100	0	P	V
		18000	47.56	-6.44	54	30.11	49.3	25.45	57.3	100	0	A	V
													V
													V
802.11a CH 44 5220MHz		10440	47.78	-20.42	68.2	44.88	39.68	19.43	56.21	100	0	P	H
		15660	45.99	-28.01	74	40.54	37.56	23.32	55.43	100	0	P	H
		17978	58.1	-15.9	74	41.11	48.84	25.44	57.29	100	0	P	H
		17978	47.58	-6.42	54	30.59	48.84	25.44	57.29	100	0	A	H
													H
													H
		10440	48.33	-19.87	68.2	45.43	39.68	19.43	56.21	100	0	P	V
		15660	47.09	-26.91	74	41.64	37.56	23.32	55.43	100	0	P	V
		18000	57.97	-16.03	74	40.52	49.3	25.45	57.3	100	0	P	V
		18000	47.61	-6.39	54	30.16	49.3	25.45	57.3	100	0	A	V
													V
													V

802.11a CH 48 5240MHz		10480	47.22	-20.98	68.2	44.21	39.76	19.45	56.2	100	0	P	H
		15720	45.32	-28.68	74	40.03	37.38	23.35	55.44	100	0	P	H
		17989	57.54	-16.46	74	40.32	49.07	25.45	57.3	100	0	P	H
		17989	47.59	-6.41	54	30.37	49.07	25.45	57.3	100	0	A	H
													H
													H
		10480	47.86	-20.34	68.2	44.85	39.76	19.45	56.2	100	0	P	V
		15720	46.63	-27.37	74	41.34	37.38	23.35	55.44	100	0	P	V
		17956	56.81	-17.19	74	40.27	48.38	25.44	57.28	100	0	P	V
		17956	47.37	-6.63	54	30.83	48.38	25.44	57.28	100	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.24	65.64	-8.36	74	50.46	31.8	13.05	29.67	100	62	P	H
		5150	50.48	-3.52	54	35.3	31.8	13.05	29.67	100	62	A	H
	*	5180	113.16	-	-	98.07	31.68	13.09	29.68	100	62	P	H
	*	5180	102.91	-	-	87.82	31.68	13.09	29.68	100	62	A	H
802.11ax													H
HE20 Full													H
CH 36		5148.98	63.31	-10.69	74	48.13	31.8	13.05	29.67	356	112	P	V
5180MHz		5149.5	49.87	-4.13	54	34.69	31.8	13.05	29.67	356	112	A	V
	*	5180	112.78	-	-	97.69	31.68	13.09	29.68	356	112	P	V
	*	5180	102.4	-	-	87.31	31.68	13.09	29.68	356	112	A	V
													V
													V
		5148.72	60.2	-13.8	74	45.02	31.8	13.05	29.67	100	62	P	H
		5149.5	44.95	-9.05	54	29.77	31.8	13.05	29.67	100	62	A	H
	*	5220	115.61	-	-	100.72	31.48	13.15	29.69	100	62	P	H
	*	5220	105.99	-	-	91.1	31.48	13.15	29.69	100	62	A	H
802.11ax		5361.44	59.47	-14.53	74	44.63	31.15	13.4	29.71	100	62	P	H
HE20 Full		5389.16	45.51	-8.49	54	30.51	31.26	13.45	29.71	100	62	A	H
CH 44		5150	56.73	-17.27	74	41.55	31.8	13.05	29.67	392	111	P	V
5220MHz		5103.48	44.15	-9.85	54	29.03	31.8	12.99	29.67	392	111	A	V
	*	5220	115.51	-	-	100.57	31.48	13.15	29.69	392	111	P	V
	*	5220	105.26	-	-	90.32	31.48	13.15	29.69	392	111	A	V
		5360.6	57.01	-16.99	74	42.18	31.14	13.4	29.71	392	111	P	V
		5359.48	44.43	-9.57	54	29.6	31.14	13.4	29.71	392	111	A	V

		5116.62	56.08	-17.92	74	40.94	31.8	13.01	29.67	100	61	P	H
		5122.06	43.88	-10.12	54	28.74	31.8	13.01	29.67	100	61	A	H
	*	5240	115.08	-	-	100.23	31.36	13.18	29.69	100	61	P	H
	*	5240	105.48	-	-	90.63	31.36	13.18	29.69	100	61	A	H
802.11ax		5378.4	60.48	-13.52	74	45.55	31.21	13.43	29.71	100	61	P	H
HE20 Full		5394.24	44.75	-9.25	54	29.72	31.28	13.46	29.71	100	61	A	H
CH 48		5096.56	55.27	-18.73	74	40.17	31.79	12.98	29.67	389	115	P	V
5240MHz		5112.2	43.46	-10.54	54	28.33	31.8	13	29.67	389	115	A	V
	*	5240	114.32	-	-	99.47	31.36	13.18	29.69	389	115	P	V
	*	5240	104.89	-	-	90.04	31.36	13.18	29.69	389	115	A	V
		5378.4	59.9	-14.1	74	44.97	31.21	13.43	29.71	389	115	P	V
		5398.56	44.11	-9.89	54	29.06	31.29	13.47	29.71	389	115	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.05	-19.15	68.2	46.45	39.44	19.39	56.23	100	0	P	H
		15540	47.55	-26.45	74	41.76	37.98	23.22	55.41	100	0	P	H
		17956	60.34	-13.66	74	43.8	48.38	25.44	57.28	100	0	P	H
		17956	47.65	-6.35	54	31.11	48.38	25.44	57.28	100	0	A	H
802.11ax													H
HE20 Full													H
CH 36		10360	49.93	-18.27	68.2	47.33	39.44	19.39	56.23	100	0	P	V
5180MHz		15540	48.52	-25.48	74	42.73	37.98	23.22	55.41	100	0	P	V
		17956	60.82	-13.18	74	44.28	48.38	25.44	57.28	100	0	P	V
		17956	47.48	-6.52	54	30.94	48.38	25.44	57.28	100	0	A	V
													V
													V
		10440	49.14	-19.06	68.2	46.24	39.68	19.43	56.21	100	0	P	H
		15660	47.74	-26.26	74	42.29	37.56	23.32	55.43	100	0	P	H
		18000	60.37	-13.63	74	42.92	49.3	25.45	57.3	100	0	P	H
		18000	47.58	-6.42	54	30.13	49.3	25.45	57.3	100	0	A	H
802.11ax													H
HE20 Full													H
CH 44		10440	49.28	-18.92	68.2	46.38	39.68	19.43	56.21	100	0	P	V
5220MHz		15660	56.54	-17.46	74	51.09	37.56	23.32	55.43	100	3	P	V
		15660	44.1	-9.9	54	38.65	37.56	23.32	55.43	100	3	A	V
		17967	60.27	-13.73	74	43.51	48.61	25.44	57.29	100	0	P	V
		17967	47.34	-6.66	54	30.58	48.61	25.44	57.29	100	0	A	V
													V

		10480	49.26	-18.94	68.2	46.25	39.76	19.45	56.2	100	0	P	H
		15720	49.25	-24.75	74	43.96	37.38	23.35	55.44	100	0	P	H
		17989	59.73	-14.27	74	42.51	49.07	25.45	57.3	100	0	P	H
		17989	47.65	-6.35	54	30.43	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE20 Full													H
CH 48		10480	49.48	-18.72	68.2	46.47	39.76	19.45	56.2	100	0	P	V
5240MHz		15720	54.06	-19.94	74	48.77	37.38	23.35	55.44	100	2	P	V
		15720	42.28	-11.72	54	36.99	37.38	23.35	55.44	100	2	A	V
		17967	59.65	-14.35	74	42.89	48.61	25.44	57.29	100	0	P	V
		17967	47.47	-6.53	54	30.71	48.61	25.44	57.29	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.94	65.3	-8.7	74	50.13	31.8	13.04	29.67	100	61	P	H
		5150	50.25	-3.75	54	35.07	31.8	13.05	29.67	100	61	A	H
	*	5190	107.98	-	-	92.92	31.64	13.1	29.68	100	61	P	H
	*	5190	98.55	-	-	83.49	31.64	13.1	29.68	100	61	A	H
802.11ax		5368.44	55.37	-18.63	74	40.5	31.17	13.41	29.71	100	61	P	H
HE40 Full		5397.28	44.01	-9.99	54	28.96	31.29	13.47	29.71	100	61	A	H
CH 38		5149.5	61.4	-12.6	74	46.22	31.8	13.05	29.67	376	111	P	V
5190MHz		5148.98	48.18	-5.82	54	33	31.8	13.05	29.67	376	111	A	V
	*	5190	107.9	-	-	92.84	31.64	13.1	29.68	376	111	P	V
	*	5190	98.18	-	-	83.12	31.64	13.1	29.68	376	111	A	V
		5378.24	54.36	-19.64	74	39.43	31.21	13.43	29.71	376	111	P	V
		5452.72	43.48	-10.52	54	28.08	31.61	13.51	29.72	376	111	A	V
		5149.5	58.44	-15.56	74	43.26	31.8	13.05	29.67	100	62	P	H
		5150	47.96	-6.04	54	32.78	31.8	13.05	29.67	100	62	A	H
	*	5230	113.09	-	-	98.2	31.42	13.16	29.69	100	62	P	H
	*	5230	103.22	-	-	88.33	31.42	13.16	29.69	100	62	A	H
802.11ax		5360.88	55.98	-18.02	74	41.15	31.14	13.4	29.71	100	62	P	H
HE40 Full		5379.36	45.5	-8.5	54	30.56	31.22	13.43	29.71	100	62	A	H
CH 46		5149.76	56.25	-17.75	74	41.07	31.8	13.05	29.67	390	115	P	V
5230MHz		5149.5	46.49	-7.51	54	31.31	31.8	13.05	29.67	390	115	A	V
	*	5230	112.16	-	-	97.27	31.42	13.16	29.69	390	115	P	V
	*	5230	102.81	-	-	87.92	31.42	13.16	29.69	390	115	A	V
		5396.72	55.83	-18.17	74	40.79	31.29	13.46	29.71	390	115	P	V
		5365.92	44.98	-9.02	54	30.12	31.16	13.41	29.71	390	115	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.49	-19.71	68.2	45.79	39.52	19.4	56.22	100	0	P	H
		15570	47.89	-26.11	74	42.16	37.89	23.25	55.41	100	0	P	H
		17989	59.54	-14.46	74	42.32	49.07	25.45	57.3	100	0	P	H
		17989	47.6	-6.4	54	30.38	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE40 Full													H
CH 38		10380	49.74	-18.46	68.2	47.04	39.52	19.4	56.22	100	0	P	V
5190MHz		15570	48.66	-25.34	74	42.93	37.89	23.25	55.41	100	0	P	V
		17967	60.36	-13.64	74	43.6	48.61	25.44	57.29	100	0	P	V
		17967	47.35	-6.65	54	30.59	48.61	25.44	57.29	100	0	A	V
													V
													V
		10460	48.95	-19.25	68.2	46	39.72	19.44	56.21	100	0	P	H
		15690	46.93	-27.07	74	41.59	37.44	23.34	55.44	100	0	P	H
		17978	60.04	-13.96	74	43.05	48.84	25.44	57.29	100	0	P	H
		17978	47.58	-6.42	54	30.59	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE40 Full													H
CH 46		10460	49.4	-18.8	68.2	46.45	39.72	19.44	56.21	100	0	P	V
5230MHz		15690	54.38	-19.62	74	49.04	37.44	23.34	55.44	100	4	P	V
		15690	41.43	-12.57	54	36.09	37.44	23.34	55.44	100	4	A	V
		17967	59.85	-14.15	74	43.09	48.61	25.44	57.29	100	0	P	V
		17967	47.32	-6.68	54	30.56	48.61	25.44	57.29	100	0	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5133.12	61.3	-12.7	74	46.14	31.8	13.03	29.67	100	62	P	H
		5149.5	50.75	-3.25	54	35.57	31.8	13.05	29.67	100	62	A	H
	*	5210	105.34	-	-	90.35	31.54	13.13	29.68	100	62	P	H
	*	5210	95.74	-	-	80.75	31.54	13.13	29.68	100	62	A	H
		5444.32	54.64	-19.36	74	39.28	31.57	13.51	29.72	100	62	P	H
		5402.04	45.4	-8.6	54	30.33	31.31	13.47	29.71	100	62	A	H
		5147.42	58.59	-15.41	74	43.42	31.8	13.04	29.67	394	116	P	V
		5149.5	48.2	-5.8	54	33.02	31.8	13.05	29.67	394	116	A	V
	*	5210	104.25	-	-	89.26	31.54	13.13	29.68	394	116	P	V
	*	5210	95.1	-	-	80.11	31.54	13.13	29.68	394	116	A	V
		5422.48	55.47	-18.53	74	40.27	31.43	13.49	29.72	394	116	P	V
		5454.96	44.8	-9.2	54	29.39	31.61	13.52	29.72	394	116	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	48.55	-19.65	68.2	45.71	39.64	19.42	56.22	100	0	P	H
		15630	47.06	-26.94	74	41.52	37.68	23.29	55.43	100	0	P	H
		17978	59.57	-14.43	74	42.58	48.84	25.44	57.29	100	0	P	H
		17978	47.53	-6.47	54	30.54	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE80 Full													H
CH 42		10420	49.18	-19.02	68.2	46.34	39.64	19.42	56.22	100	0	P	V
5210MHz		15630	47.1	-26.9	74	41.56	37.68	23.29	55.43	100	0	P	V
		17978	59.34	-14.66	74	42.35	48.84	25.44	57.29	100	0	P	V
		17978	47.38	-6.62	54	30.39	48.84	25.44	57.29	100	0	A	V
													V
													V

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

Band 1 5150~5250MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5147.9	58.45	-15.55	74	43.28	31.8	13.04	29.67	263	59	P	H
		5142.46	46.45	-7.55	54	31.28	31.8	13.04	29.67	263	59	A	H
	*	5250	102	-	-	87.19	31.3	13.2	29.69	263	59	P	H
	*	5250	91.88	-	-	77.07	31.3	13.2	29.69	263	59	A	H
		5388.24	62.11	-11.89	74	47.12	31.25	13.45	29.71	263	59	P	H
		5381.28	52.21	-1.79	54	37.25	31.23	13.44	29.71	263	59	A	H
		5143.82	60.36	-13.64	74	45.19	31.8	13.04	29.67	382	114	P	V
		5142.12	46.42	-7.58	54	31.25	31.8	13.04	29.67	382	114	A	V
	*	5250	100.07	-	-	85.26	31.3	13.2	29.69	382	114	P	V
	*	5250	90.77	-	-	75.96	31.3	13.2	29.69	382	114	A	V
		5381.28	60.7	-13.3	74	45.74	31.23	13.44	29.71	382	114	P	V
		5381.52	51.7	-2.3	54	36.74	31.23	13.44	29.71	382	114	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10500	48.97	-19.23	68.2	45.89	39.8	19.48	56.2	100	0	P	H
		15750	46.41	-27.59	74	41.13	37.35	23.38	55.45	100	0	P	H
		17978	59.08	-14.92	74	42.09	48.84	25.44	57.29	100	0	P	H
		17978	47.48	-6.52	54	30.49	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE160 Full													H
CH 50		10500	49.12	-19.08	68.2	46.04	39.8	19.48	56.2	100	0	P	V
5250MHz		15750	45.99	-28.01	74	40.71	37.35	23.38	55.45	100	0	P	V
		17967	59.23	-14.77	74	42.47	48.61	25.44	57.29	100	0	P	V
		17967	47.37	-6.63	54	30.61	48.61	25.44	57.29	100	0	A	V
													V
													V

Remark

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

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5128.18	57.57	-16.43	74	42.42	31.8	13.02	29.67	100	61	P	H
		5147.9	43.98	-10.02	54	28.81	31.8	13.04	29.67	100	61	A	H
	*	5260	117.06	-	-	102.25	31.28	13.22	29.69	100	61	P	H
	*	5260	108.67	-	-	93.86	31.28	13.22	29.69	100	61	A	H
		5396.4	62.7	-11.3	74	47.66	31.29	13.46	29.71	100	61	P	H
		5400.24	44.7	-9.3	54	29.64	31.3	13.47	29.71	100	61	A	H
		5148.58	56.41	-17.59	74	41.23	31.8	13.05	29.67	345	115	P	V
		5145.18	43.61	-10.39	54	28.44	31.8	13.04	29.67	345	115	A	V
	*	5260	116.48	-	-	101.67	31.28	13.22	29.69	345	115	P	V
	*	5260	108.51	-	-	93.7	31.28	13.22	29.69	345	115	A	V
		5403.36	60.76	-13.24	74	45.68	31.32	13.47	29.71	345	115	P	V
		5401.68	44.49	-9.51	54	29.42	31.31	13.47	29.71	345	115	A	V
802.11a CH 60 5300MHz		5145.86	57.93	-16.07	74	42.76	31.8	13.04	29.67	100	61	P	H
		5137.36	44.7	-9.3	54	29.54	31.8	13.03	29.67	100	61	A	H
	*	5300	118.17	-	-	103.38	31.2	13.29	29.7	100	61	P	H
	*	5300	109.88	-	-	95.09	31.2	13.29	29.7	100	61	A	H
		5352.48	70.29	-3.71	74	55.51	31.11	13.38	29.71	100	61	P	H
		5351.28	51.01	-2.99	54	36.23	31.11	13.38	29.71	100	61	A	H
		5056.1	55.27	-18.73	74	40.38	31.62	12.93	29.66	381	113	P	V
		5148.58	44.33	-9.67	54	29.15	31.8	13.05	29.67	381	113	A	V
	*	5300	116.96	-	-	102.17	31.2	13.29	29.7	381	113	P	V
	*	5300	109.44	-	-	94.65	31.2	13.29	29.7	381	113	A	V
		5350.8	68.1	-5.9	74	53.33	31.1	13.38	29.71	381	113	P	V
		5351.04	47.69	-6.31	54	32.92	31.1	13.38	29.71	381	113	A	V

802.11a CH 64 5320MHz	*	5320	114.93	-	-	100.14	31.16	13.33	29.7	100	60	P	H
	*	5320	106.36	-	-	91.57	31.16	13.33	29.7	100	60	A	H
		5350.88	68.95	-5.05	74	54.18	31.1	13.38	29.71	100	60	P	H
		5351.36	51.36	-2.64	54	36.58	31.11	13.38	29.71	100	60	A	H
													H
													H
	*	5320	114.89	-	-	100.1	31.16	13.33	29.7	377	109	P	V
	*	5320	106.96	-	-	92.17	31.16	13.33	29.7	377	109	A	V
		5350.4	67.32	-6.68	74	52.55	31.1	13.38	29.71	377	109	P	V
		5352	50.7	-3.3	54	35.92	31.11	13.38	29.71	377	109	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.73	-20.47	68.2	44.62	39.8	19.49	56.18	100	0	P	H
		15780	46.91	-27.09	74	41.65	37.32	23.4	55.46	100	0	P	H
		17978	58.34	-15.66	74	41.35	48.84	25.44	57.29	400	0	P	H
		17978	47.54	-6.46	54	30.55	48.84	25.44	57.29	400	0	A	H
													H
													H
		10520	48.69	-19.51	68.2	45.58	39.8	19.49	56.18	100	0	P	V
		15780	57.67	-16.33	74	52.41	37.32	23.4	55.46	100	8	P	V
		15780	45.66	-8.34	54	40.4	37.32	23.4	55.46	100	8	A	V
		17956	58.02	-15.98	74	41.48	48.38	25.44	57.28	100	0	P	V
		17956	47.31	-6.69	54	30.77	48.38	25.44	57.28	100	0	A	V
													V
802.11a CH 60 5300MHz		10600	47.86	-26.14	74	44.65	39.8	19.53	56.12	100	0	P	H
		15900	46.68	-27.32	74	41.17	37.5	23.49	55.48	100	0	P	H
		18000	57.85	-16.15	74	40.4	49.3	25.45	57.3	100	0	P	H
		18000	47.54	-6.46	54	30.09	49.3	25.45	57.3	100	0	A	H
													H
													H
		10600	49.44	-24.56	74	46.23	39.8	19.53	56.12	100	0	P	V
		15900	59.48	-14.52	74	53.97	37.5	23.49	55.48	101	8	P	V
		15900	46.94	-7.06	54	41.43	37.5	23.49	55.48	101	8	A	V
		17989	58.04	-15.96	74	40.82	49.07	25.45	57.3	100	0	P	V
		17989	47.6	-6.4	54	30.38	49.07	25.45	57.3	100	0	A	V
													V

802.11a CH 64 5320MHz		10640	48.48	-25.52	74	45.22	39.8	19.55	56.09	100	0	P	H
		15960	47.32	-26.68	74	41.96	37.32	23.53	55.49	100	0	P	H
		17967	59.8	-14.2	74	43.04	48.61	25.44	57.29	100	0	P	H
		17967	47.34	-6.66	54	30.58	48.61	25.44	57.29	100	0	A	H
													H
													H
		10640	49.9	-24.1	74	46.64	39.8	19.55	56.09	100	0	P	V
		15960	47.7	-26.3	74	42.34	37.32	23.53	55.49	100	0	P	V
		17967	59.44	-14.56	74	42.68	48.61	25.44	57.29	100	0	P	V
		17967	47.57	-6.43	54	30.81	48.61	25.44	57.29	100	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5134.64	58.41	-15.59	74	43.25	31.8	13.03	29.67	100	61	P	H
		5147.9	44.04	-9.96	54	28.87	31.8	13.04	29.67	100	61	A	H
	*	5260	117.15	-	-	102.34	31.28	13.22	29.69	100	61	P	H
	*	5260	106.8	-	-	91.99	31.28	13.22	29.69	100	61	A	H
802.11ax		5400	62.56	-11.44	74	47.5	31.3	13.47	29.71	100	61	P	H
HE20 Full		5356.8	44.74	-9.26	54	29.93	31.13	13.39	29.71	100	61	A	H
CH 52		5143.48	56.31	-17.69	74	41.14	31.8	13.04	29.67	345	115	P	V
5260MHz		5132.94	43.47	-10.53	54	28.31	31.8	13.03	29.67	345	115	A	V
	*	5260	116.04	-	-	101.23	31.28	13.22	29.69	345	115	P	V
	*	5260	106.15	-	-	91.34	31.28	13.22	29.69	345	115	A	V
		5406.48	60.68	-13.32	74	45.58	31.34	13.48	29.72	345	115	P	V
		5403.6	44.41	-9.59	54	29.33	31.32	13.47	29.71	345	115	A	V
		5149.6	57.4	-16.6	74	42.22	31.8	13.05	29.67	100	60	P	H
		5149.26	44.77	-9.23	54	29.59	31.8	13.05	29.67	100	60	A	H
	*	5300	119.08	-	-	104.29	31.2	13.29	29.7	100	60	P	H
	*	5300	108.38	-	-	93.59	31.2	13.29	29.7	100	60	A	H
802.11ax		5351.76	71.79	-2.21	74	57.01	31.11	13.38	29.71	100	60	P	H
HE20 Full		5351.28	51.95	-2.05	54	37.17	31.11	13.38	29.71	100	60	A	H
CH 60		5137.7	56.98	-17.02	74	41.82	31.8	13.03	29.67	400	116	P	V
5300MHz		5148.58	44.59	-9.41	54	29.41	31.8	13.05	29.67	400	116	A	V
	*	5300	116.66	-	-	101.87	31.2	13.29	29.7	400	116	P	V
	*	5300	106.95	-	-	92.16	31.2	13.29	29.7	400	116	A	V
		5350.08	69.46	-4.54	74	54.69	31.1	13.38	29.71	400	116	P	V
		5350.08	49.49	-4.51	54	34.72	31.1	13.38	29.71	400	116	A	V

	*	5320	115.27	-	-	100.48	31.16	13.33	29.7	100	58	P	H
	*	5320	104.25	-	-	89.46	31.16	13.33	29.7	100	58	A	H
		5350.24	67.65	-6.35	74	52.88	31.1	13.38	29.71	100	58	P	H
		5350.24	51.52	-2.48	54	36.75	31.1	13.38	29.71	100	58	A	H
802.11ax													H
HE20 Full													H
CH 64	*	5320	113.4	-	-	98.61	31.16	13.33	29.7	377	110	P	V
5320MHz	*	5320	103.59	-	-	88.8	31.16	13.33	29.7	377	110	A	V
		5356.64	65.23	-8.77	74	50.42	31.13	13.39	29.71	377	110	P	V
		5350.56	50.53	-3.47	54	35.76	31.1	13.38	29.71	377	110	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	47.8	-20.4	68.2	44.69	39.8	19.49	56.18	100	0	P	H
		15780	46.56	-27.44	74	41.3	37.32	23.4	55.46	100	0	P	H
		17989	59.21	-14.79	74	41.99	49.07	25.45	57.3	100	0	P	H
		17989	47.53	-6.47	54	30.31	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE20 Full													H
CH 52		10520	49.6	-18.6	68.2	46.49	39.8	19.49	56.18	100	0	P	V
5260MHz		15780	57.05	-16.95	74	51.79	37.32	23.4	55.46	100	9	P	V
		15780	44.5	-9.5	54	39.24	37.32	23.4	55.46	100	9	A	V
		17967	58.49	-15.51	74	41.73	48.61	25.44	57.29	100	0	P	V
		17967	47.39	-6.61	54	30.63	48.61	25.44	57.29	100	0	A	V
													V
		10600	47.81	-26.19	74	44.6	39.8	19.53	56.12	100	0	P	H
		15900	46.38	-27.62	74	40.87	37.5	23.49	55.48	100	0	P	H
		17956	58.08	-15.92	74	41.54	48.38	25.44	57.28	100	0	P	H
		17956	47.36	-6.64	54	30.82	48.38	25.44	57.28	100	0	A	H
802.11ax													H
HE20 Full													H
CH 60		10600	49	-25	74	45.79	39.8	19.53	56.12	100	0	P	V
5300MHz		15900	56.37	-17.63	74	50.86	37.5	23.49	55.48	100	9	P	V
		15900	44.8	-9.2	54	39.29	37.5	23.49	55.48	100	9	A	V
		18000	58.13	-15.87	74	40.68	49.3	25.45	57.3	100	0	P	V
		18000	47.57	-6.43	54	30.12	49.3	25.45	57.3	100	0	A	V
													V

		10640	48.3	-25.7	74	45.04	39.8	19.55	56.09	100	0	P	H
		15960	46.72	-27.28	74	41.36	37.32	23.53	55.49	100	0	P	H
		17978	59.02	-14.98	74	42.03	48.84	25.44	57.29	100	0	P	H
		17978	47.43	-6.57	54	30.44	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE20 Full													H
CH 64		10640	49.03	-24.97	74	45.77	39.8	19.55	56.09	100	0	P	V
5320MHz		15960	47.46	-26.54	74	42.1	37.32	23.53	55.49	100	0	P	V
		18000	59.64	-14.36	74	42.19	49.3	25.45	57.3	100	0	P	V
		18000	47.66	-6.34	54	30.21	49.3	25.45	57.3	100	0	A	V
													V
													V

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

Band 2 5250~5350MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5125.12	54.73	-19.27	74	39.58	31.8	13.02	29.67	100	59	P	H
		5147.9	45.64	-8.36	54	30.47	31.8	13.04	29.67	100	59	A	H
	*	5270	115.14	-	-	100.33	31.26	13.24	29.69	100	59	P	H
	*	5270	104.5	-	-	89.69	31.26	13.24	29.69	100	59	A	H
802.11ax		5352.24	62.84	-11.16	74	48.06	31.11	13.38	29.71	100	59	P	H
HE40 Full		5351.52	50.29	-3.71	54	35.51	31.11	13.38	29.71	100	59	A	H
CH 54		5149.6	55.3	-18.7	74	40.12	31.8	13.05	29.67	345	112	P	V
5270MHz		5146.88	44.98	-9.02	54	29.81	31.8	13.04	29.67	345	112	A	V
	*	5270	114.17	-	-	99.36	31.26	13.24	29.69	345	112	P	V
	*	5270	103.52	-	-	88.71	31.26	13.24	29.69	345	112	A	V
		5352.24	60.13	-13.87	74	45.35	31.11	13.38	29.71	345	112	P	V
		5350.32	48.64	-5.36	54	33.87	31.1	13.38	29.71	345	112	A	V
		5079.9	54.21	-19.79	74	39.19	31.72	12.96	29.66	100	60	P	H
		5126.14	44.53	-9.47	54	29.38	31.8	13.02	29.67	100	60	A	H
	*	5310	109.65	-	-	94.86	31.18	13.31	29.7	100	60	P	H
	*	5310	99.71	-	-	84.92	31.18	13.31	29.7	100	60	A	H
802.11ax		5354.4	64.02	-9.98	74	49.22	31.12	13.39	29.71	100	60	P	H
HE40 Full		5350.08	51.89	-2.11	54	37.12	31.1	13.38	29.71	100	60	A	H
CH 62		5083.3	54.57	-19.43	74	39.54	31.73	12.96	29.66	380	110	P	V
5310MHz		5142.8	44.14	-9.86	54	28.97	31.8	13.04	29.67	380	110	A	V
	*	5310	108.91	-	-	94.12	31.18	13.31	29.7	380	110	P	V
	*	5310	99.12	-	-	84.33	31.18	13.31	29.7	380	110	A	V
		5353.44	62.71	-11.29	74	47.92	31.11	13.39	29.71	380	110	P	V
		5350.56	49.95	-4.05	54	35.18	31.1	13.38	29.71	380	110	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.63	-19.57	68.2	45.5	39.8	19.5	56.17	100	0	P	H
		15810	46.99	-27.01	74	41.71	37.32	23.42	55.46	100	0	P	H
		17978	59.8	-14.2	74	42.81	48.84	25.44	57.29	100	0	P	H
		17978	47.37	-6.63	54	30.38	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE40 Full													H
CH 54		10540	48.87	-19.33	68.2	45.74	39.8	19.5	56.17	100	0	P	V
5270MHz		15810	49.5	-24.5	74	44.22	37.32	23.42	55.46	100	0	P	V
		17967	59.88	-14.12	74	43.12	48.61	25.44	57.29	100	0	P	V
		17967	47.49	-6.51	54	30.73	48.61	25.44	57.29	100	0	A	V
													V
													V
		10620	49.59	-24.41	74	46.35	39.8	19.54	56.1	100	0	P	H
		15930	47.29	-26.71	74	41.86	37.41	23.51	55.49	100	0	P	H
		17967	60.17	-13.83	74	43.41	48.61	25.44	57.29	100	0	P	H
		17967	47.47	-6.53	54	30.71	48.61	25.44	57.29	100	0	A	H
802.11ax													H
HE40 Full													H
CH 62		10620	49.1	-24.9	74	45.86	39.8	19.54	56.1	100	0	P	V
5310MHz		15930	47.17	-26.83	74	41.74	37.41	23.51	55.49	100	0	P	V
		17967	59.78	-14.22	74	43.02	48.61	25.44	57.29	100	0	P	V
		17967	47.35	-6.65	54	30.59	48.61	25.44	57.29	100	0	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5128.86	54.38	-19.62	74	39.23	31.8	13.02	29.67	100	60	P	H
		5134.98	45.76	-8.24	54	30.6	31.8	13.03	29.67	100	60	A	H
	*	5290	107.38	-	-	92.59	31.22	13.27	29.7	100	60	P	H
	*	5290	96.63	-	-	81.84	31.22	13.27	29.7	100	60	A	H
		5352.96	61.57	-12.43	74	46.78	31.11	13.39	29.71	100	60	P	H
		5351.76	51.83	-2.17	54	37.05	31.11	13.38	29.71	100	60	A	H
		5112.88	54.55	-19.45	74	39.42	31.8	13	29.67	381	116	P	V
		5149.94	45.28	-8.72	54	30.1	31.8	13.05	29.67	381	116	A	V
	*	5290	105.02	-	-	90.23	31.22	13.27	29.7	381	116	P	V
	*	5290	95.44	-	-	80.65	31.22	13.27	29.7	381	116	A	V
		5359.44	58.92	-15.08	74	44.09	31.14	13.4	29.71	381	116	P	V
		5352	50.02	-3.98	54	35.24	31.11	13.38	29.71	381	116	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	49.2	-19	68.2	46.02	39.8	19.52	56.14	100	0	P	H
		15870	47.23	-26.77	74	41.79	37.44	23.47	55.47	100	0	P	H
		17978	59.44	-14.56	74	42.45	48.84	25.44	57.29	100	0	P	H
		17978	47.37	-6.63	54	30.38	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE80 Full													H
CH 58		10580	48.4	-19.8	68.2	45.22	39.8	19.52	56.14	100	0	P	V
5290MHz		15870	46.84	-27.16	74	41.4	37.44	23.47	55.47	100	0	P	V
		17978	59.47	-14.53	74	42.48	48.84	25.44	57.29	100	0	P	V
		17978	47.51	-6.49	54	30.52	48.84	25.44	57.29	100	0	A	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5458.32	64.25	-9.75	74	48.83	31.62	13.52	29.72	100	60	P	H
		5465.36	66	-2.2	68.2	50.56	31.63	13.53	29.72	100	60	P	H
		5459.76	45.99	-8.01	54	30.57	31.62	13.52	29.72	100	60	A	H
	*	5500	112	-	-	96.47	31.7	13.56	29.73	100	60	P	H
	*	5500	103.74	-	-	88.21	31.7	13.56	29.73	100	60	A	H
													H
		5459.76	63.02	-10.98	74	47.6	31.62	13.52	29.72	369	115	P	V
		5464.88	64.42	-3.78	68.2	48.98	31.63	13.53	29.72	369	115	P	V
		5459.76	45.86	-8.14	54	30.44	31.62	13.52	29.72	369	115	A	V
	*	5500	113.08	-	-	97.55	31.7	13.56	29.73	369	115	P	V
	*	5500	104.67	-	-	89.14	31.7	13.56	29.73	369	115	A	V
													V
802.11a CH 116 5580MHz		5435.44	59.32	-14.68	74	44.03	31.51	13.5	29.72	100	58	P	H
		5467.6	58.38	-9.82	68.2	42.93	31.64	13.53	29.72	100	58	P	H
		5429.44	45.16	-8.84	54	29.9	31.48	13.5	29.72	100	58	A	H
	*	5580	114.22	-	-	98.7	31.66	13.62	29.76	100	58	P	H
	*	5580	105.65	-	-	90.13	31.66	13.62	29.76	100	58	A	H
		5726.255	58.42	-9.78	68.2	42.63	31.86	13.75	29.82	100	58	P	H
		5437.12	58.03	-15.97	74	42.73	31.52	13.5	29.72	340	112	P	V
		5464.96	56.57	-11.63	68.2	41.13	31.63	13.53	29.72	340	112	P	V
		5452.24	44.7	-9.3	54	29.31	31.6	13.51	29.72	340	112	A	V
	*	5580	116.62	-	-	101.1	31.66	13.62	29.76	340	112	P	V
	*	5580	108.03	-	-	92.51	31.66	13.62	29.76	340	112	A	V
		5727.2	58.96	-9.24	68.2	43.17	31.86	13.75	29.82	340	112	P	V

802.11a CH 140 5700MHz	*	5700	110.76	-	-	95.14	31.7	13.73	29.81	102	223	P	H
	*	5700	103.45	-	-	87.83	31.7	13.73	29.81	102	223	A	H
		5725	64	-4.2	68.2	48.22	31.85	13.75	29.82	102	223	P	H
													H
													H
													H
	*	5700	112.62	-	-	97	31.7	13.73	29.81	325	117	P	V
	*	5700	104.54	-	-	88.92	31.7	13.73	29.81	325	117	A	V
		5725.48	65.74	-2.46	68.2	49.96	31.85	13.75	29.82	325	117	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.26	-25.74	74	44.21	40.1	19.75	55.8	100	0	P	H
		16500	48.04	-20.16	68.2	40.42	39	24.32	55.7	100	0	P	H
		17956	58.03	-15.97	74	41.49	48.38	25.44	57.28	100	0	P	H
		17956	47.3	-6.7	54	30.76	48.38	25.44	57.28	100	0	A	H
													H
													H
		11000	48.8	-25.2	74	44.75	40.1	19.75	55.8	100	0	P	V
		16500	47.73	-20.47	68.2	40.11	39	24.32	55.7	100	0	P	V
		17989	58.7	-15.3	74	41.48	49.07	25.45	57.3	100	0	P	V
		17989	47.51	-6.49	54	30.29	49.07	25.45	57.3	100	0	A	V
													V
													V
802.11a CH 116 5580MHz		11160	48.71	-25.29	74	44.72	39.82	19.87	55.7	100	0	P	H
		16740	51.51	-16.69	68.2	43.12	39.74	24.69	56.04	100	0	P	H
		17967	58.39	-15.61	74	41.63	48.61	25.44	57.29	100	0	P	H
		17967	47.33	-6.67	54	30.57	48.61	25.44	57.29	100	0	A	H
													H
													H
		11160	49.18	-24.82	74	45.19	39.82	19.87	55.7	100	0	P	V
		16740	64.88	-3.32	68.2	56.49	39.74	24.69	56.04	100	20	P	V
		17989	59.09	-14.91	74	41.87	49.07	25.45	57.3	100	0	P	V
		17989	47.48	-6.52	54	30.26	49.07	25.45	57.3	100	0	A	V
													V
													V

802.11a CH 140 5700MHz		11400	49.44	-24.56	74	44.96	40	20.04	55.56	100	0	P	H
		17100	50.17	-18.03	68.2	41.2	40.4	25.11	56.54	100	0	P	H
		17978	59.26	-14.74	74	42.27	48.84	25.44	57.29	100	0	P	H
		17978	47.33	-6.67	54	30.34	48.84	25.44	57.29	100	0	A	H
													H
													H
		11400	48.41	-25.59	74	43.93	40	20.04	55.56	100	0	P	V
		17100	50.45	-17.75	68.2	41.48	40.4	25.11	56.54	100	0	P	V
		17989	58.38	-15.62	74	41.16	49.07	25.45	57.3	100	0	P	V
		17989	47.63	-6.37	54	30.41	49.07	25.45	57.3	100	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.32	65.6	-8.4	74	50.18	31.62	13.52	29.72	297	59	P	H
		5462.32	66.34	-1.86	68.2	50.92	31.62	13.52	29.72	297	59	P	H
		5458.8	46.11	-7.89	54	30.69	31.62	13.52	29.72	297	59	A	H
	*	5500	113.08	-	-	97.55	31.7	13.56	29.73	297	59	P	H
802.11ax	*	5500	102.31	-	-	86.78	31.7	13.56	29.73	297	59	A	H
HE20 Full		5454.32	62.99	-11.01	74	47.58	31.61	13.52	29.72	332	114	P	V
CH 100		5460.72	64.34	-3.86	68.2	48.92	31.62	13.52	29.72	332	114	P	V
5500MHz		5459.44	45.56	-8.44	54	30.14	31.62	13.52	29.72	332	114	A	V
	*	5500	112.57	-	-	97.04	31.7	13.56	29.73	332	114	P	V
	*	5500	102.49	-	-	86.96	31.7	13.56	29.73	332	114	A	V
													V
													V
		5439.52	59.09	-14.91	74	43.77	31.54	13.5	29.72	100	61	P	H
		5468.08	57.36	-10.84	68.2	41.91	31.64	13.53	29.72	100	61	P	H
		5434.48	45.36	-8.64	54	30.07	31.51	13.5	29.72	100	61	A	H
	*	5580	114.29	-	-	98.77	31.66	13.62	29.76	100	61	P	H
802.11ax	*	5580	104.65	-	-	89.13	31.66	13.62	29.76	100	61	A	H
HE20 Full		5729.09	55.26	-12.94	68.2	39.45	31.87	13.76	29.82	100	61	P	H
CH 116		5457.28	57.68	-16.32	74	42.27	31.61	13.52	29.72	341	112	P	V
5580MHz		5460.4	57.88	-10.32	68.2	42.46	31.62	13.52	29.72	341	112	P	V
		5455.6	44.66	-9.34	54	29.25	31.61	13.52	29.72	341	112	A	V
	*	5580	116.16	-	-	100.64	31.66	13.62	29.76	341	112	P	V
	*	5580	106.3	-	-	90.78	31.66	13.62	29.76	341	112	A	V
		5725.625	56.52	-11.68	68.2	40.74	31.85	13.75	29.82	341	112	P	V

	*	5700	111.34	-	-	95.72	31.7	13.73	29.81	100	225	P	H
	*	5700	101.41	-	-	85.79	31.7	13.73	29.81	100	225	A	H
		5725	65.54	-2.66	68.2	49.76	31.85	13.75	29.82	100	225	P	H
													H
802.11ax													H
HE20 Full													H
CH 140	*	5700	113.4	-	-	97.78	31.7	13.73	29.81	326	118	P	V
5700MHz	*	5700	103.07	-	-	87.45	31.7	13.73	29.81	326	118	A	V
		5725.4	66.1	-2.1	68.2	50.32	31.85	13.75	29.82	326	118	P	V
													V
													V
													V

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

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.62	-24.38	74	45.57	40.1	19.75	55.8	100	0	P	H
		16500	48.46	-19.74	68.2	40.84	39	24.32	55.7	100	0	P	H
		18000	59.81	-14.19	74	42.36	49.3	25.45	57.3	100	0	P	H
		18000	47.66	-6.34	54	30.21	49.3	25.45	57.3	100	0	A	H
802.11ax													H
HE20 Full													H
CH 100		11000	49.68	-24.32	74	45.63	40.1	19.75	55.8	100	0	P	V
5500MHz		16500	48.58	-19.62	68.2	40.96	39	24.32	55.7	100	0	P	V
		17978	59.81	-14.19	74	42.82	48.84	25.44	57.29	100	0	P	V
		17978	47.6	-6.4	54	30.61	48.84	25.44	57.29	100	0	A	V
													V
													V
		11160	48.4	-25.6	74	44.41	39.82	19.87	55.7	100	0	P	H
		16740	50.22	-17.98	68.2	41.83	39.74	24.69	56.04	100	0	P	H
		17978	59.28	-14.72	74	42.29	48.84	25.44	57.29	100	0	P	H
		17978	47.5	-6.5	54	30.51	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE20 Full													H
CH 116		11160	48.45	-25.55	74	44.46	39.82	19.87	55.7	100	0	P	V
5580MHz		16740	64.51	-3.69	68.2	56.12	39.74	24.69	56.04	100	17	P	V
		18000	58.49	-15.51	74	41.04	49.3	25.45	57.3	100	0	P	V
		18000	47.6	-6.4	54	30.15	49.3	25.45	57.3	100	0	A	V
													V
													V

		11400	49.49	-24.51	74	45.01	40	20.04	55.56	100	0	P	H
		17100	50.97	-17.23	68.2	42	40.4	25.11	56.54	100	0	P	H
		17989	59.92	-14.08	74	42.7	49.07	25.45	57.3	100	0	P	H
		17989	47.56	-6.44	54	30.34	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE20 Full													H
CH 140		11400	49.29	-24.71	74	44.81	40	20.04	55.56	100	0	P	V
5700MHz		17100	51	-17.2	68.2	42.03	40.4	25.11	56.54	100	0	P	V
		17978	60.72	-13.28	74	43.73	48.84	25.44	57.29	100	0	P	V
		17978	47.6	-6.4	54	30.61	48.84	25.44	57.29	100	0	A	V
													V
													V

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

Band 3 5470~5725MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.68	62.24	-11.76	74	46.82	31.62	13.52	29.72	350	58	P	H
		5470	65.14	-3.06	68.2	49.7	31.64	13.53	29.73	350	58	P	H
		5459.92	47.38	-6.62	54	31.96	31.62	13.52	29.72	350	58	A	H
	*	5510	109.81	-	-	94.3	31.68	13.56	29.73	350	58	P	H
802.11ax	*	5510	99.37	-	-	83.86	31.68	13.56	29.73	350	58	A	H
HE40 Full		5765	54.14	-14.06	68.2	38.18	32	13.79	29.83	350	58	P	H
CH 102		5459.44	58.88	-15.12	74	43.46	31.62	13.52	29.72	351	114	P	V
5510MHz		5469.52	63.92	-4.28	68.2	48.48	31.64	13.53	29.73	351	114	P	V
		5459.44	47.36	-6.64	54	31.94	31.62	13.52	29.72	351	114	A	V
	*	5510	109.89	-	-	94.38	31.68	13.56	29.73	351	114	P	V
	*	5510	100.06	-	-	84.55	31.68	13.56	29.73	351	114	A	V
		5765	55.01	-13.19	68.2	39.05	32	13.79	29.83	351	114	P	V
		5454.16	60.68	-13.32	74	45.27	31.61	13.52	29.72	268	60	P	H
		5461.12	62.74	-5.46	68.2	47.32	31.62	13.52	29.72	268	60	P	H
		5459.2	50.14	-3.86	54	34.72	31.62	13.52	29.72	268	60	A	H
	*	5550	114.06	-	-	98.61	31.6	13.6	29.75	268	60	P	H
802.11ax	*	5550	104.12	-	-	88.67	31.6	13.6	29.75	268	60	A	H
HE40 Full		5734.76	55.96	-12.24	68.2	40.11	31.91	13.76	29.82	268	60	P	H
CH 110		5396.56	59.51	-14.49	74	44.47	31.29	13.46	29.71	384	116	P	V
5550MHz		5470	61.59	-6.61	68.2	46.15	31.64	13.53	29.73	384	116	P	V
		5458.72	49.28	-4.72	54	33.86	31.62	13.52	29.72	384	116	A	V
	*	5550	115.5	-	-	100.05	31.6	13.6	29.75	384	116	P	V
	*	5550	105.07	-	-	89.62	31.6	13.6	29.75	384	116	A	V
		5765	54.38	-13.82	68.2	38.42	32	13.79	29.83	384	116	P	V

		5452.9	53.96	-20.04	74	38.56	31.61	13.51	29.72	100	225	P	H
		5465.5	53.83	-14.37	68.2	38.39	31.63	13.53	29.72	100	225	P	H
		5455.7	44.01	-9.99	54	28.6	31.61	13.52	29.72	100	225	A	H
	*	5670	111.76	-	-	96.21	31.64	13.7	29.79	100	225	P	H
802.11ax	*	5670	102	-	-	86.45	31.64	13.7	29.79	100	225	A	H
HE40 Full		5725	66.26	-1.94	68.2	50.48	31.85	13.75	29.82	100	225	P	H
CH 134		5427	54.72	-19.28	74	39.49	31.46	13.49	29.72	351	118	P	V
5670MHz		5462	53.83	-14.37	68.2	38.41	31.62	13.52	29.72	351	118	P	V
		5459.55	44.91	-9.09	54	29.49	31.62	13.52	29.72	351	118	A	V
	*	5670	112.59	-	-	97.04	31.64	13.7	29.79	351	118	P	V
	*	5670	102.82	-	-	87.27	31.64	13.7	29.79	351	118	A	V
		5725	66.21	-1.99	68.2	50.43	31.85	13.75	29.82	351	118	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.87	-24.13	74	45.82	40.08	19.76	55.79	100	0	P	H
		16530	48.43	-19.77	68.2	40.69	39.12	24.36	55.74	100	0	P	H
		17989	59.4	-14.6	74	42.18	49.07	25.45	57.3	100	0	P	H
		17989	47.53	-6.47	54	30.31	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE40 Full													H
CH 102		11020	49.6	-24.4	74	45.55	40.08	19.76	55.79	100	0	P	V
5510MHz		16530	48.93	-19.27	68.2	41.19	39.12	24.36	55.74	100	0	P	V
		17978	59.37	-14.63	74	42.38	48.84	25.44	57.29	100	0	P	V
		17978	47.58	-6.42	54	30.59	48.84	25.44	57.29	100	0	A	V
													V
													V
		11100	48.75	-25.25	74	44.67	40	19.82	55.74	100	0	P	H
		16650	48.59	-19.61	68.2	40.51	39.45	24.54	55.91	100	0	P	H
		17978	58.56	-15.44	74	41.57	48.84	25.44	57.29	400	0	P	H
		17978	47.42	-6.58	54	30.43	48.84	25.44	57.29	400	0	A	H
802.11ax													H
HE40 Full													H
CH 110		11100	48.1	-25.9	74	44.02	40	19.82	55.74	100	0	P	V
5550MHz		16650	61.19	-7.01	68.2	53.11	39.45	24.54	55.91	100	17	P	V
		17967	57.96	-16.04	74	41.2	48.61	25.44	57.29	100	0	P	V
		17967	47.48	-6.52	54	30.72	48.61	25.44	57.29	100	0	A	V
													V
													V

		11340	48.52	-25.48	74	44.3	39.82	20	55.6	100	0	P	H
		17010	51.06	-17.14	68.2	41.9	40.49	25.08	56.41	100	0	P	H
		17978	60.45	-13.55	74	43.46	48.84	25.44	57.29	100	0	P	H
		17978	47.46	-6.54	54	30.47	48.84	25.44	57.29	100	0	A	H
802.11ax													H
HE40 Full													H
CH 134		11340	48.51	-25.49	74	44.29	39.82	20	55.6	100	0	P	V
5670MHz		17010	55.88	-12.32	68.2	46.72	40.49	25.08	56.41	100	0	P	V
		17989	60.4	-13.6	74	43.18	49.07	25.45	57.3	100	0	P	V
		17989	47.57	-6.43	54	30.35	49.07	25.45	57.3	100	0	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	63.58	-10.42	74	48.16	31.62	13.52	29.72	258	59	P	H
		5466.88	65.23	-2.97	68.2	49.79	31.63	13.53	29.72	258	59	P	H
		5458.96	52.04	-1.96	54	36.62	31.62	13.52	29.72	258	59	A	H
	*	5530	106.93	-	-	91.45	31.64	13.58	29.74	258	59	P	H
802.11ax	*	5530	96.81	-	-	81.33	31.64	13.58	29.74	258	59	A	H
HE80 Full		5733.815	54.33	-13.87	68.2	38.49	31.9	13.76	29.82	258	59	P	H
CH 106		5458.24	61.34	-12.66	74	45.92	31.62	13.52	29.72	386	114	P	V
5530MHz		5465.44	61.74	-6.46	68.2	46.3	31.63	13.53	29.72	386	114	P	V
		5458	49.91	-4.09	54	34.49	31.62	13.52	29.72	386	114	A	V
	*	5530	108.32	-	-	92.84	31.64	13.58	29.74	386	114	P	V
	*	5530	97.73	-	-	82.25	31.64	13.58	29.74	386	114	A	V
		5755.55	54.51	-13.69	68.2	38.56	32	13.78	29.83	386	114	P	V
		5458.96	60.06	-13.94	74	44.64	31.62	13.52	29.72	100	233	P	H
		5469.28	60.88	-7.32	68.2	45.44	31.64	13.53	29.73	100	233	P	H
		5458.48	50.58	-3.42	54	35.16	31.62	13.52	29.72	100	233	A	H
	*	5610	110.5	-	-	94.94	31.68	13.65	29.77	100	233	P	H
802.11ax	*	5610	100.82	-	-	85.26	31.68	13.65	29.77	100	233	A	H
HE80 Full		5725.31	63.91	-4.29	68.2	48.13	31.85	13.75	29.82	100	233	P	H
CH 122		5456.32	60.42	-13.58	74	45.01	31.61	13.52	29.72	356	114	P	V
5610MHz		5462.08	61.82	-6.38	68.2	46.4	31.62	13.52	29.72	356	114	P	V
		5459.44	51.7	-2.3	54	36.28	31.62	13.52	29.72	356	114	A	V
	*	5610	110.74	-	-	95.18	31.68	13.65	29.77	356	114	P	V
	*	5610	101.94	-	-	86.38	31.68	13.65	29.77	356	114	A	V
		5725.31	63.41	-4.79	68.2	47.63	31.85	13.75	29.82	356	114	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.97	-26.03	74	43.9	40.04	19.79	55.76	100	0	P	H
		16590	47.83	-20.37	68.2	39.85	39.36	24.45	55.83	100	0	P	H
		17989	58.23	-15.77	74	41.01	49.07	25.45	57.3	100	0	P	H
		17989	47.55	-6.45	54	30.33	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE80 Full													H
CH 106		11060	48.02	-25.98	74	43.95	40.04	19.79	55.76	100	0	P	V
5530MHz		16590	49.58	-18.62	68.2	41.6	39.36	24.45	55.83	100	0	P	V
		17967	58.65	-15.35	74	41.89	48.61	25.44	57.29	100	0	P	V
		17967	47.27	-6.73	54	30.51	48.61	25.44	57.29	100	0	A	V
													V
													V
		11220	48.12	-25.88	74	44.18	39.7	19.91	55.67	100	0	P	H
		16830	49.95	-18.25	68.2	41.04	40.25	24.82	56.16	100	0	P	H
		17967	58.26	-15.74	74	41.5	48.61	25.44	57.29	100	0	P	H
		17967	47.37	-6.63	54	30.61	48.61	25.44	57.29	100	0	A	H
802.11ax													H
HE80 Full													H
CH 122		11220	48.25	-25.75	74	44.31	39.7	19.91	55.67	100	0	P	V
5610MHz		16830	53.8	-14.4	68.2	44.89	40.25	24.82	56.16	100	0	P	V
		17956	58.68	-15.32	74	42.14	48.38	25.44	57.28	100	0	P	V
		17956	47.31	-6.69	54	30.77	48.38	25.44	57.28	100	0	A	V
													V
													V

Remark

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

Band 3 5470~5725MHz

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.24	63.71	-10.29	74	48.29	31.62	13.52	29.72	101	61	P	H
		5463.04	64.57	-3.63	68.2	49.14	31.63	13.52	29.72	101	61	P	H
		5456.08	51.83	-2.17	54	36.42	31.61	13.52	29.72	101	61	A	H
	*	5570	103.14	-	-	87.65	31.64	13.61	29.76	101	61	P	H
802.11ax	*	5570	93.08	-	-	77.59	31.64	13.61	29.76	101	61	A	H
HE160 Full		5728.145	62.36	-5.84	68.2	46.55	31.87	13.76	29.82	101	61	P	H
CH 114		5458	64.66	-9.34	74	49.24	31.62	13.52	29.72	342	120	P	V
5570MHz		5467.6	64.51	-3.69	68.2	49.06	31.64	13.53	29.72	342	120	P	V
		5453.44	51.52	-2.48	54	36.11	31.61	13.52	29.72	342	120	A	V
	*	5570	103.7	-	-	88.21	31.64	13.61	29.76	342	120	P	V
	*	5570	93.45	-	-	77.96	31.64	13.61	29.76	342	120	A	V
		5727.515	62.94	-5.26	68.2	47.14	31.87	13.75	29.82	342	120	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11140	48.63	-25.37	74	44.62	39.88	19.85	55.72	100	0	P	H
		16710	49.04	-19.16	68.2	40.84	39.56	24.63	55.99	100	0	P	H
		18000	58.72	-15.28	74	41.27	49.3	25.45	57.3	100	0	P	H
		18000	47.67	-6.33	54	30.22	49.3	25.45	57.3	100	0	A	H
802.11ax													H
HE160 Full													H
CH 114		11140	48.01	-25.99	74	44	39.88	19.85	55.72	100	0	P	V
5570MHz		16710	49.83	-18.37	68.2	41.63	39.56	24.63	55.99	100	0	P	V
		17989	58.89	-15.11	74	41.67	49.07	25.45	57.3	100	0	P	V
		17989	47.58	-6.42	54	30.36	49.07	25.45	57.3	100	0	A	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (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.	
4+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5452.96	54.16	-19.84	74	38.75	31.61	13.52	29.72	100	60	P	H
		5465.05	53.32	-14.88	68.2	37.88	31.63	13.53	29.72	100	60	P	H
		5451.01	43.55	-10.45	54	28.16	31.6	13.51	29.72	100	60	A	H
	*	5720	113.24	-	-	97.48	31.82	13.75	29.81	100	60	P	H
	*	5720	104.69	-	-	88.93	31.82	13.75	29.81	100	60	A	H
		5856.25	57.31	-10.89	68.2	41.26	32.11	13.81	29.87	100	60	P	H
		5458.42	53.95	-20.05	74	38.53	31.62	13.52	29.72	310	115	P	V
		5464.66	55.39	-12.81	68.2	39.96	31.63	13.52	29.72	310	115	P	V
		5439.31	43.12	-10.88	54	27.8	31.54	13.5	29.72	310	115	A	V
	*	5720	114.67	-	-	98.91	31.82	13.75	29.81	310	115	P	V
	*	5720	106.92	-	-	91.16	31.82	13.75	29.81	310	115	A	V
		5889.25	55.72	-12.48	68.2	39.61	32.18	13.81	29.88	310	115	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.43	-25.57	74	43.94	39.96	20.07	55.54	100	0	P	H
		17160	53.82	-14.38	68.2	44.67	40.64	25.13	56.62	100	0	P	H
		17978	60.11	-13.89	74	43.12	48.84	25.44	57.29	100	0	P	H
		17978	47.6	-6.4	54	30.61	48.84	25.44	57.29	100	0	A	H
													H
													H
		11440	48.47	-25.53	74	43.98	39.96	20.07	55.54	100	0	P	V
		17160	64.66	-3.54	68.2	55.51	40.64	25.13	56.62	100	19	P	V
		17989	58.38	-15.62	74	41.16	49.07	25.45	57.3	100	0	P	V
		17989	47.53	-6.47	54	30.31	49.07	25.45	57.3	100	0	A	V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		5453.74	54.76	-19.24	74	39.35	31.61	13.52	29.72	100	61	P	H
		5468.95	54.08	-14.12	68.2	38.64	31.64	13.53	29.73	100	61	P	H
		5440.48	43.3	-10.7	54	27.98	31.54	13.5	29.72	100	61	A	H
	*	5720	112.97	-	-	97.21	31.82	13.75	29.81	100	61	P	H
	*	5720	103.35	-	-	87.59	31.82	13.75	29.81	100	61	A	H
		5855	57.95	-10.25	68.2	41.89	32.11	13.81	29.86	100	61	P	H
		5446.72	54.12	-19.88	74	38.75	31.58	13.51	29.72	358	116	P	V
		5463.1	52.88	-15.32	68.2	37.45	31.63	13.52	29.72	358	116	P	V
		5456.47	43.31	-10.69	54	27.9	31.61	13.52	29.72	358	116	A	V
	*	5720	114.81	-	-	99.05	31.82	13.75	29.81	358	116	P	V
	*	5720	105.63	-	-	89.87	31.82	13.75	29.81	358	116	A	V
		5852.25	59.49	-8.71	68.2	43.44	32.1	13.81	29.86	358	116	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	48.17	-25.83	74	43.68	39.96	20.07	55.54	100	0	P	H
		17160	54.4	-13.8	68.2	45.25	40.64	25.13	56.62	100	0	P	H
		17956	58.09	-15.91	74	41.55	48.38	25.44	57.28	100	0	P	H
		17956	47.44	-6.56	54	30.9	48.38	25.44	57.28	100	0	A	H
802.11ax													H
HE20 Full													H
CH 144		11440	48.46	-25.54	74	43.97	39.96	20.07	55.54	100	0	P	V
5720MHz		17160	65.03	-3.17	68.2	55.88	40.64	25.13	56.62	100	19	P	V
		17945	58.45	-15.55	74	42.15	48.15	25.43	57.28	100	0	P	V
		17945	47.36	-6.64	54	31.06	48.15	25.43	57.28	100	0	A	V
													V
													V

Remark

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

Band 3 - Straddle Channel

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		5384.71	53.79	-20.21	74	38.82	31.24	13.44	29.71	100	223	P	H
		5465.44	53.77	-14.43	68.2	38.33	31.63	13.53	29.72	100	223	P	H
		5445.55	43.65	-10.35	54	28.29	31.57	13.51	29.72	100	223	A	H
	*	5710	114.05	-	-	98.36	31.76	13.74	29.81	100	223	P	H
	*	5710	103.85	-	-	88.16	31.76	13.74	29.81	100	223	A	H
		5883	56.4	-11.8	68.2	40.3	32.17	13.81	29.88	100	223	P	H
		5389.39	54.81	-19.19	74	39.81	31.26	13.45	29.71	361	118	P	V
		5465.05	53.95	-14.25	68.2	38.51	31.63	13.53	29.72	361	118	P	V
		5433.85	44.74	-9.26	54	29.46	31.5	13.5	29.72	361	118	A	V
	*	5710	114.59	-	-	98.9	31.76	13.74	29.81	361	118	P	V
	*	5710	104.84	-	-	89.15	31.76	13.74	29.81	361	118	A	V
		5877.5	58.31	-9.89	68.2	42.22	32.15	13.81	29.87	361	118	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. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	49.39	-24.61	74	44.9	39.98	20.06	55.55	100	0	P	H
		17130	52.39	-15.81	68.2	43.33	40.52	25.12	56.58	100	0	P	H
		17956	60.04	-13.96	74	43.5	48.38	25.44	57.28	100	0	P	H
		17956	47.31	-6.69	54	30.77	48.38	25.44	57.28	100	0	A	H
802.11ax													H
HE40 Full													H
CH 142		11420	48.93	-25.07	74	44.44	39.98	20.06	55.55	100	0	P	V
5710MHz		17130	64.08	-4.12	68.2	55.02	40.52	25.12	56.58	100	19	P	V
		17978	59.76	-14.24	74	42.77	48.84	25.44	57.29	100	0	P	V
		17978	47.5	-6.5	54	30.51	48.84	25.44	57.29	100	0	A	V
													V
													V

Remark

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

Band 3 Straddle Channel

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

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5435.8	55.75	-18.25	74	40.46	31.51	13.5	29.72	100	225	P	H
		5465.05	54.85	-13.35	68.2	39.41	31.63	13.53	29.72	100	225	P	H
		5459.59	46.63	-7.37	54	31.21	31.62	13.52	29.72	100	225	A	H
	*	5690	111.05	-	-	95.45	31.68	13.72	29.8	100	225	P	H
802.11ax	*	5690	101.35	-	-	85.75	31.68	13.72	29.8	100	225	A	H
HE80 Full		5854.75	59.38	-8.82	68.2	43.32	32.11	13.81	29.86	100	225	P	H
CH 138		5454.91	57.09	-16.91	74	41.68	31.61	13.52	29.72	350	113	P	V
5690MHz		5466.22	56.3	-11.9	68.2	40.86	31.63	13.53	29.72	350	113	P	V
		5459.98	47.73	-6.27	54	32.31	31.62	13.52	29.72	350	113	A	V
	*	5690	111.26	-	-	95.66	31.68	13.72	29.8	350	113	P	V
	*	5690	101.84	-	-	86.24	31.68	13.72	29.8	350	113	A	V
		5856.5	59.78	-8.42	68.2	43.73	32.11	13.81	29.87	350	113	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	47.99	-26.01	74	43.59	39.94	20.03	55.57	100	0	P	H
		17070	49.72	-18.48	68.2	40.69	40.43	25.1	56.5	100	0	P	H
		17989	59.34	-14.66	74	42.12	49.07	25.45	57.3	100	0	P	H
		17989	47.57	-6.43	54	30.35	49.07	25.45	57.3	100	0	A	H
802.11ax													H
HE80 Full													H
CH 138		11380	48.14	-25.86	74	43.74	39.94	20.03	55.57	100	0	P	V
5690MHz		17070	54.97	-13.23	68.2	45.94	40.43	25.1	56.5	100	0	P	V
		17978	58.86	-15.14	74	41.87	48.84	25.44	57.29	100	0	P	V
		17978	47.44	-6.56	54	30.45	48.84	25.44	57.29	100	0	A	V
													V
													V

Remark

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

Emission above 18GHz

WIFI 802.11ax HE20 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.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full SHF		22592	37.07	-36.93	74	56.07	38.68	-3.25	54.43	150	0	P	H
		33882	37.54	-30.66	68.2	56.83	40.32	-1.85	57.76	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		20360	33.89	-40.11	74	54.2	38.1	-3.51	54.9	150	0	P	V
		38026	40.23	-27.97	68.2	56.27	42.5	-1.08	57.46	150	0	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz

WIFI 802.11ax HE20 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.	
4+3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full LF		65.89	19.06	-20.94	40	38.13	12.02	1.19	32.28	-	-	P	H
		99.84	31.91	-11.59	43.5	46.59	16.07	1.55	32.3	100	0	P	H
		129.91	27.41	-16.09	43.5	40.36	17.52	1.8	32.27	-	-	P	H
		206.54	26.81	-16.69	43.5	41.48	15.22	2.37	32.26	-	-	P	H
		266.68	23.93	-22.07	46	33.73	19.71	2.75	32.26	-	-	P	H
		745.86	32.68	-13.32	46	32.2	28.13	4.69	32.34	-	-	P	H
													H
													H
													H
													H
													H
													H
		49.4	29.86	-10.14	40	46.58	14.62	0.96	32.3	-	-	P	V
		65.89	26.67	-13.33	40	45.74	12.02	1.19	32.28	-	-	P	V
		97.9	33.54	-9.96	43.5	48.44	15.88	1.52	32.3	100	0	P	V
		166.77	24.08	-19.42	43.5	38.21	16.02	2.09	32.24	-	-	P	V
		265.71	19.11	-26.89	46	28.77	19.86	2.74	32.26	-	-	P	V
		764.29	31.67	-14.33	46	31.07	28.14	4.77	32.31	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**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.	
4+3		(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 Plots

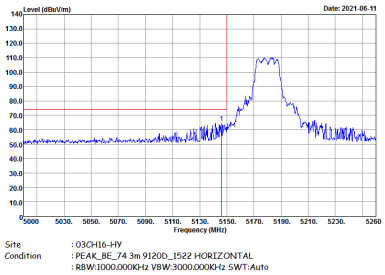
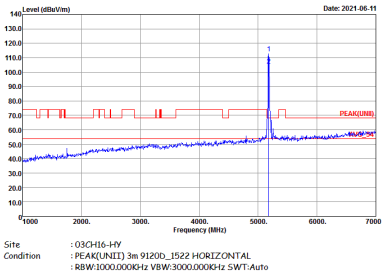
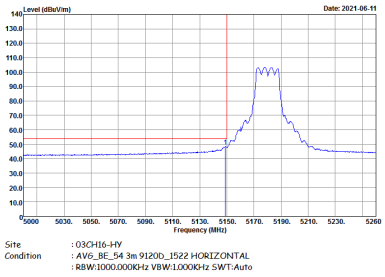
Test Engineer :	Karl Hou and Andy Yang	**Temperature :**	20~25°C
		Relative Humidity :	50~60%

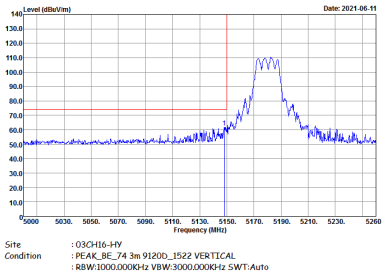
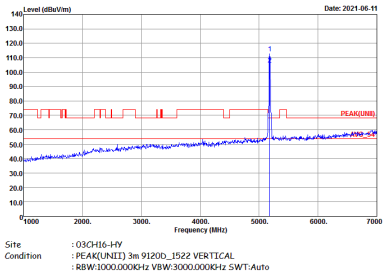
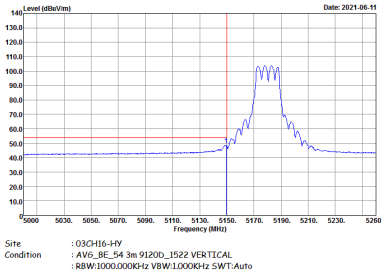
Note symbol

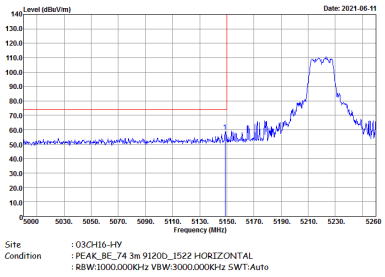
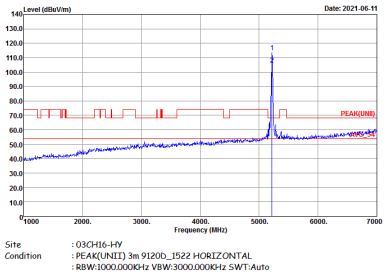
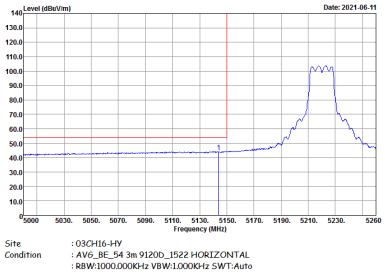
-L	**Low channel location**
-R	**High channel location**

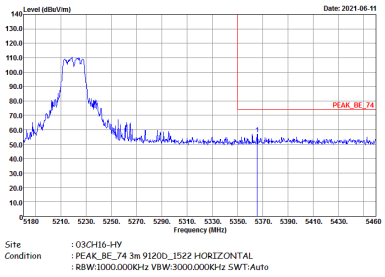
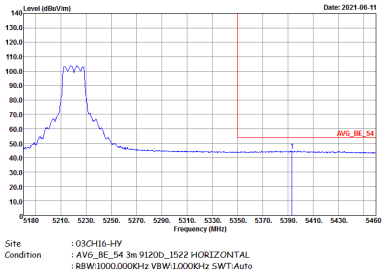
Band 1 - 5150~5250MHz

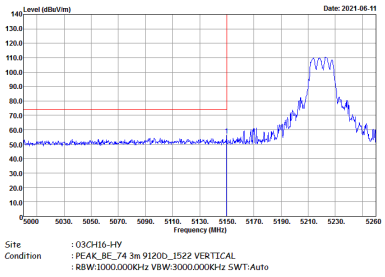
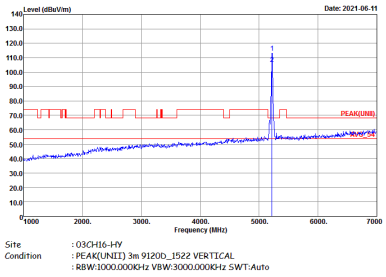
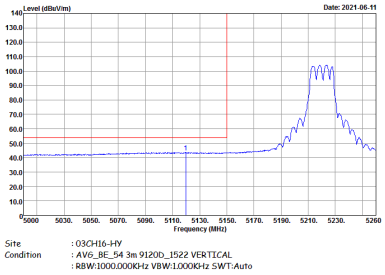
WIFI 802.11a (Band Edge @ 3m)

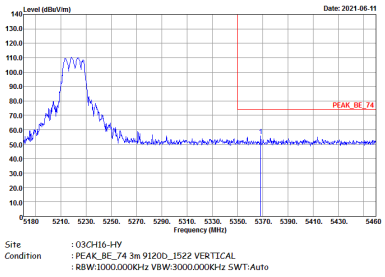
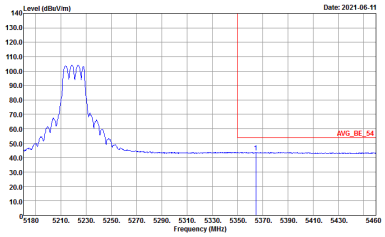
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

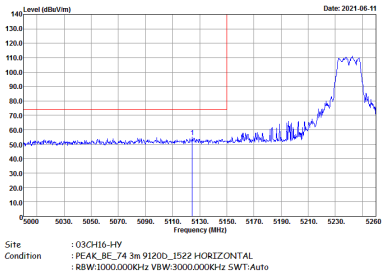
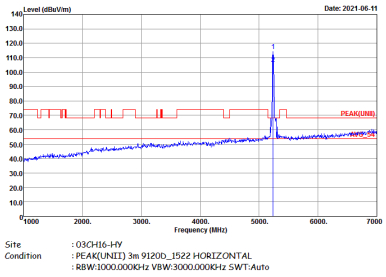
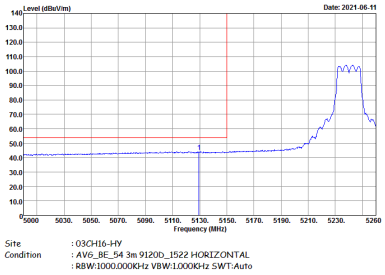
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

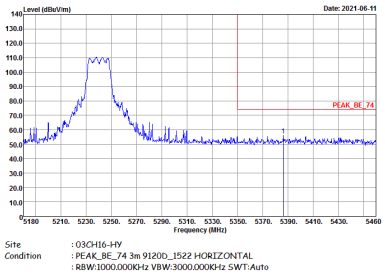
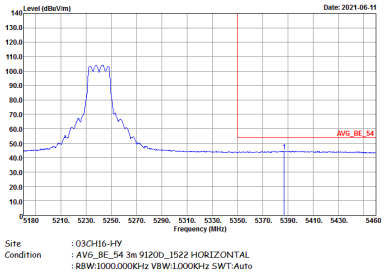
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

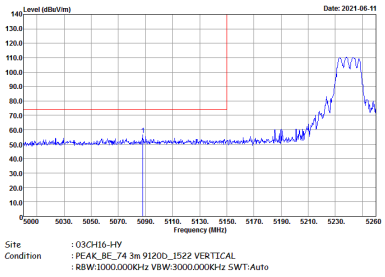
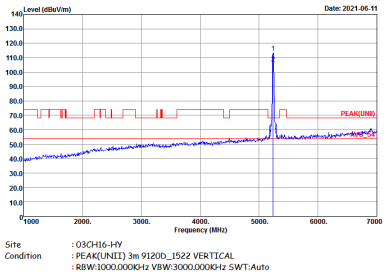
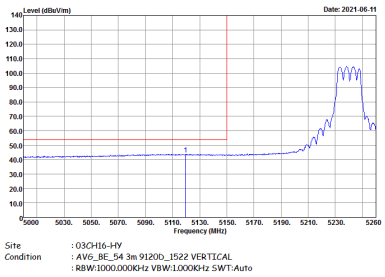
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

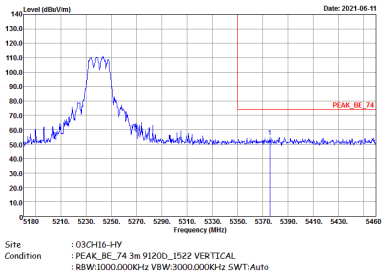
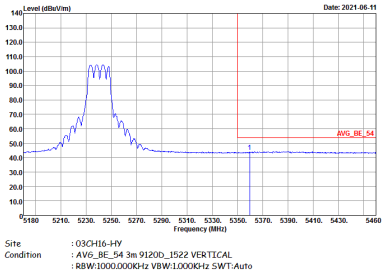
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HV Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HV Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

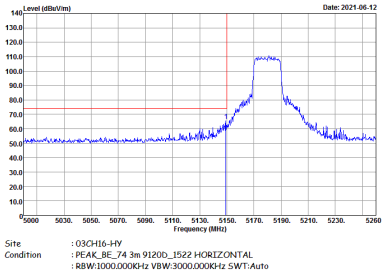
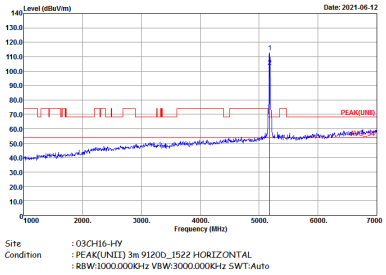
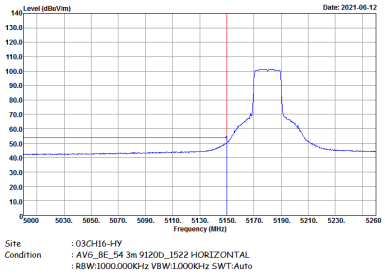
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

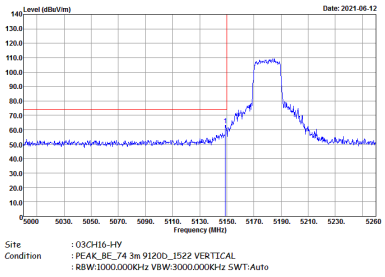
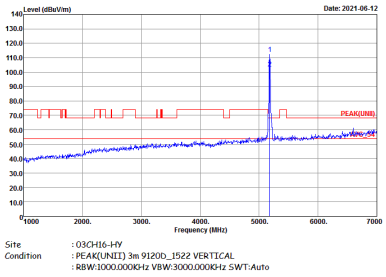
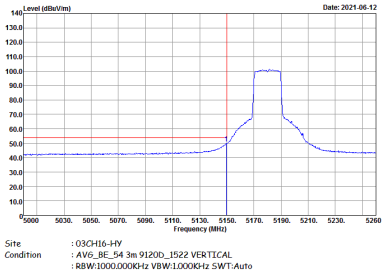
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

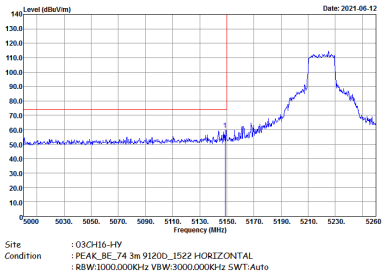
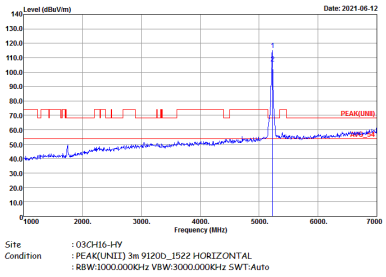
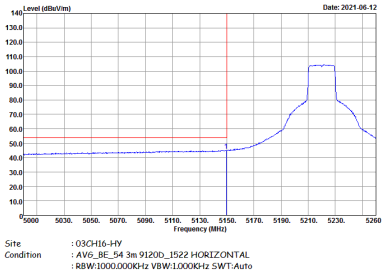
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

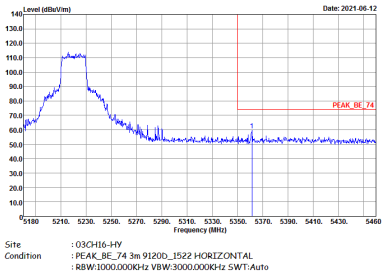
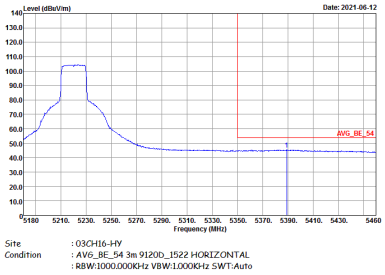
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

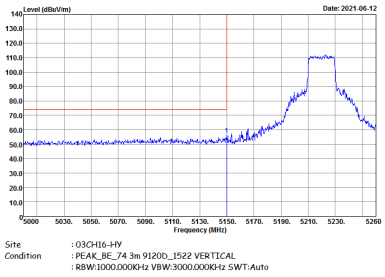
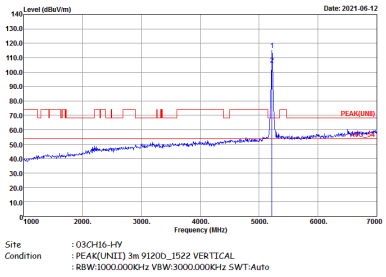
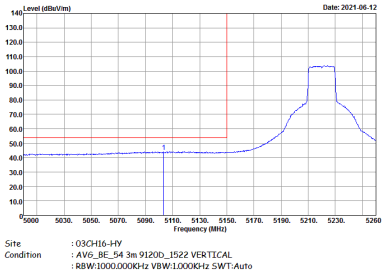
Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

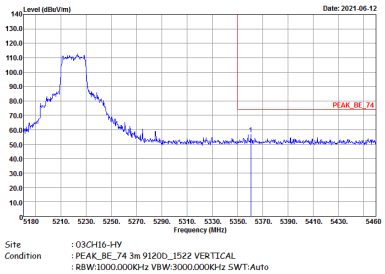
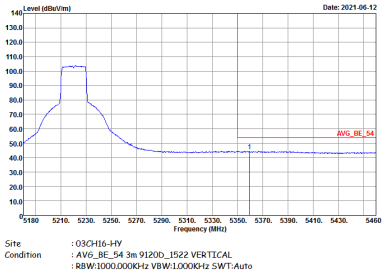
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

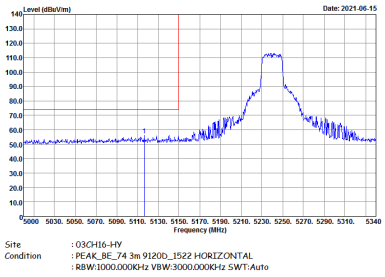
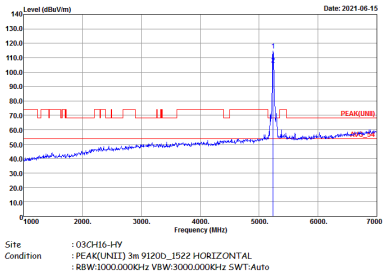
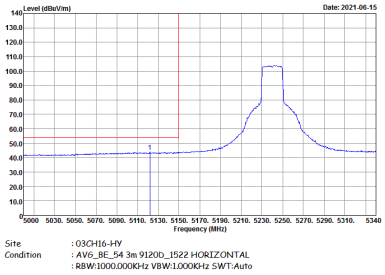
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

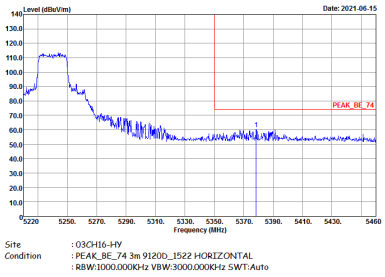
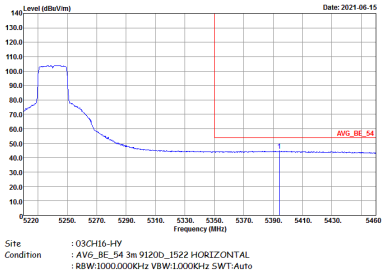
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

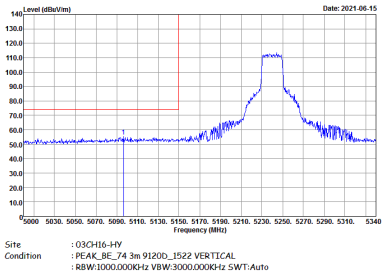
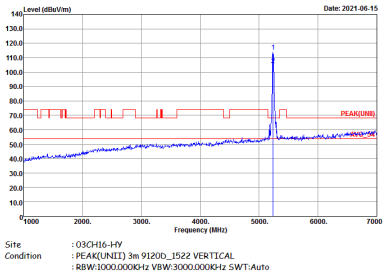
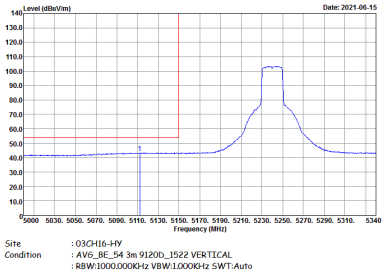
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

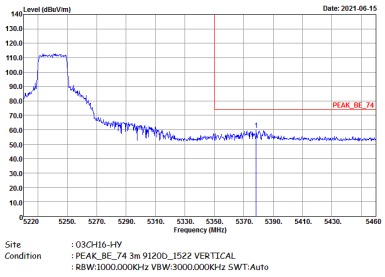
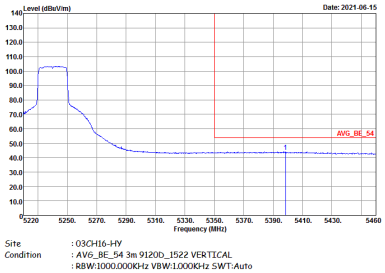
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

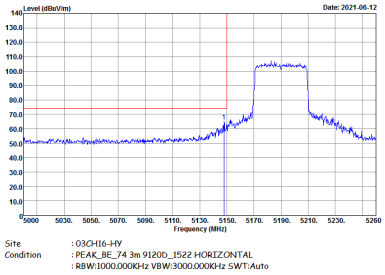
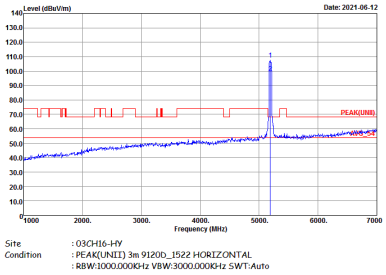
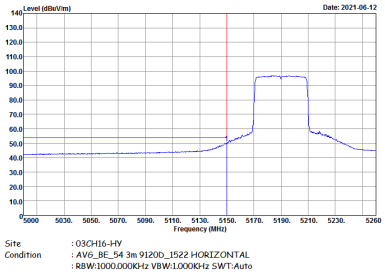
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

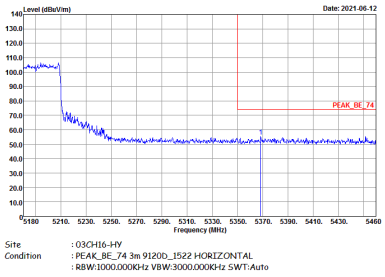
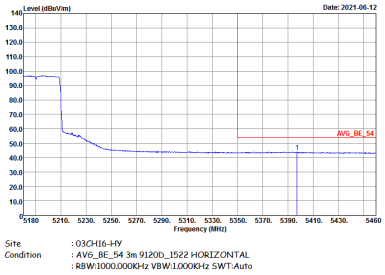
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

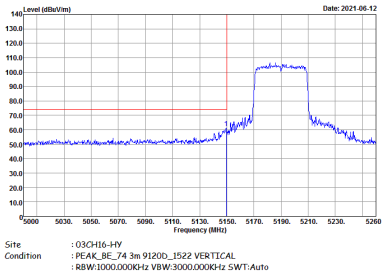
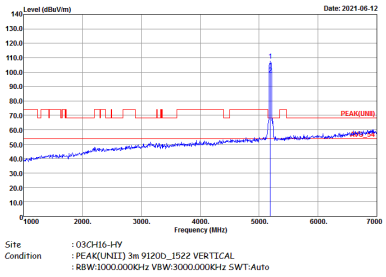
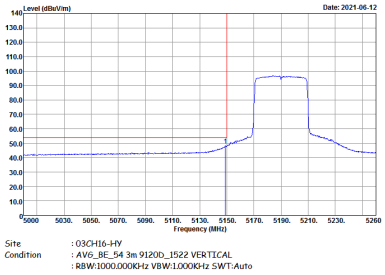
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

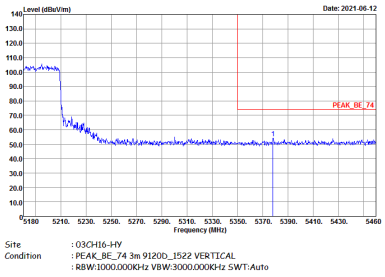
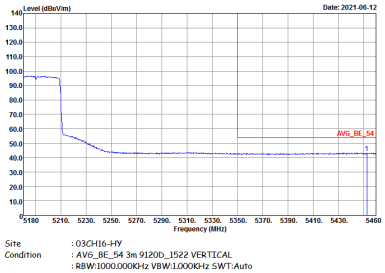
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

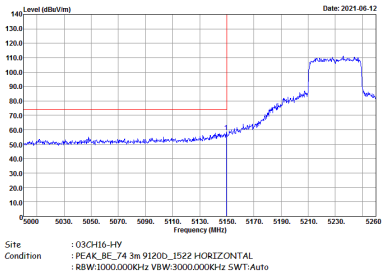
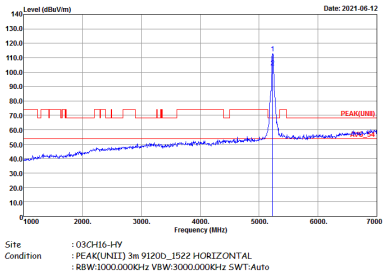
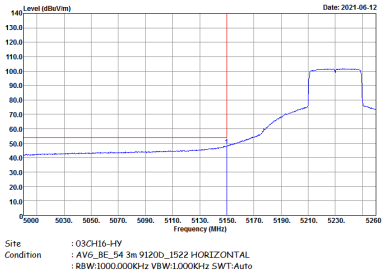
Band 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

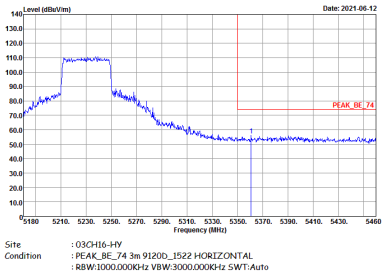
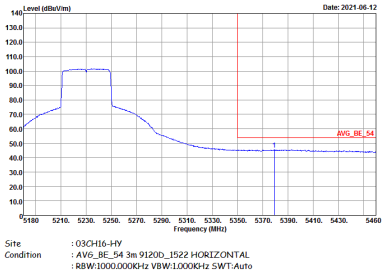
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

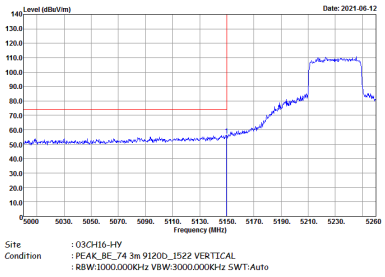
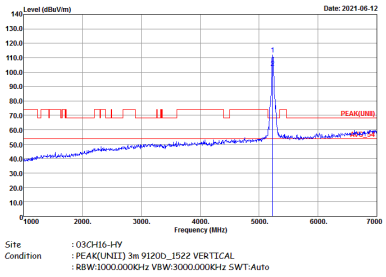
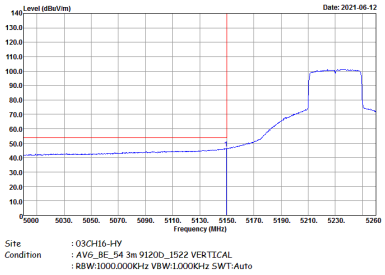
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

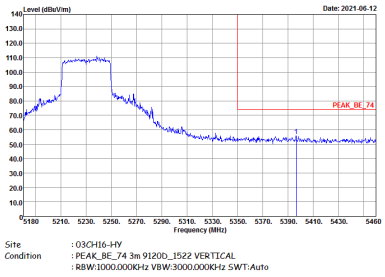
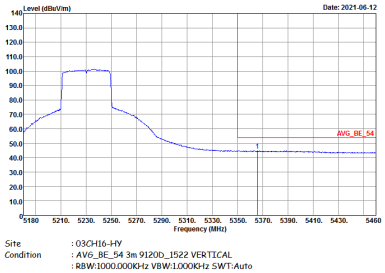
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

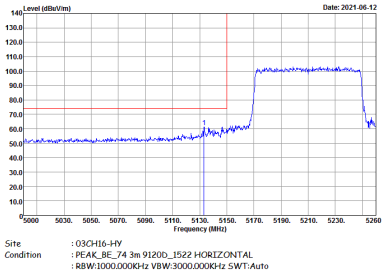
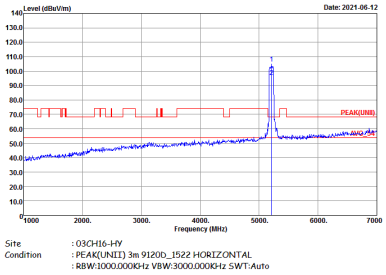
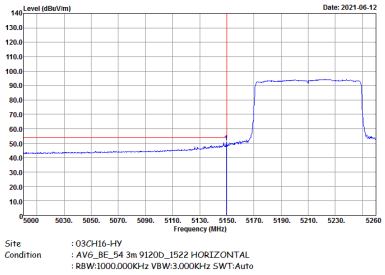
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

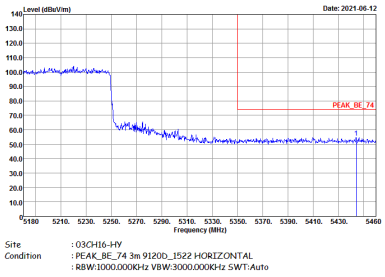
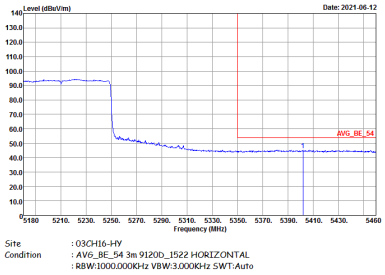
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

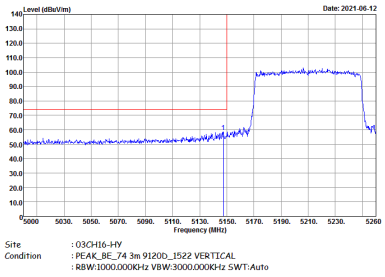
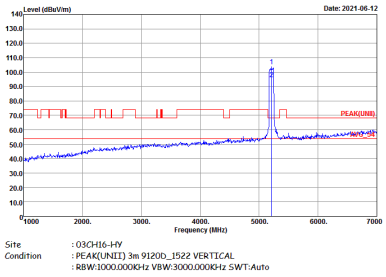
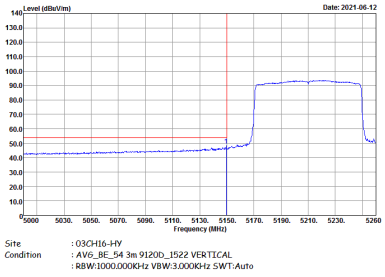
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

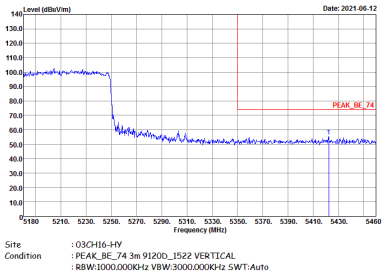
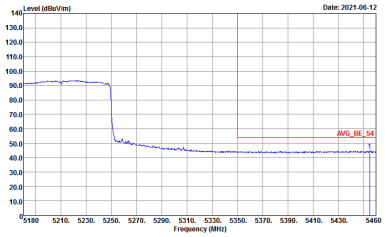
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

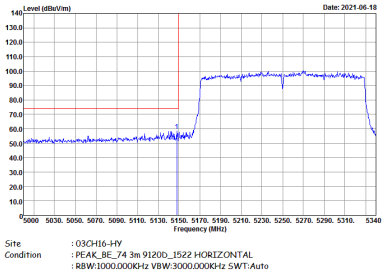
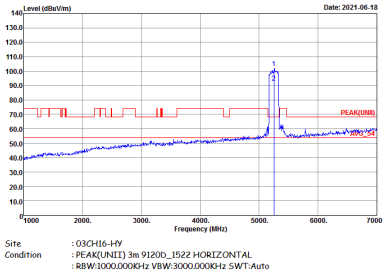
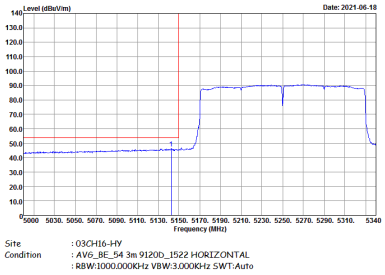
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

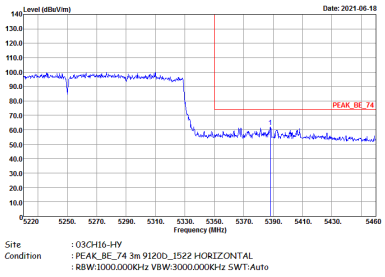
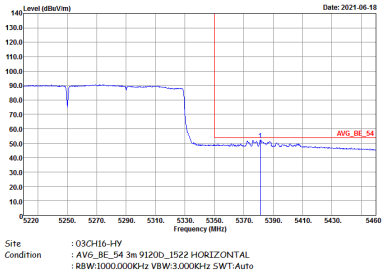
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

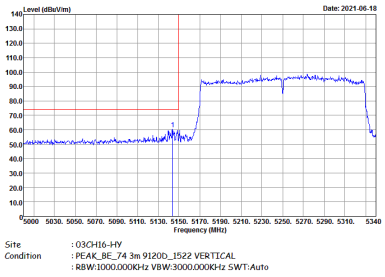
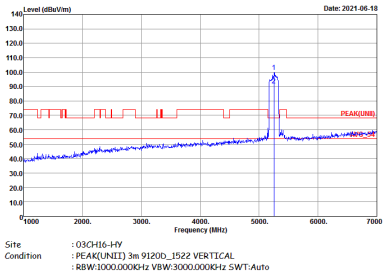
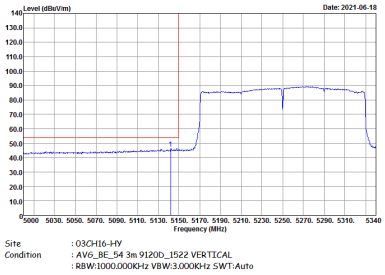
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

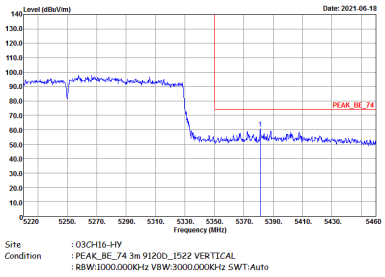
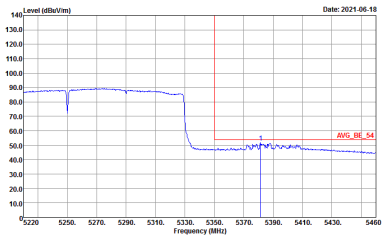
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - R	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HV Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HV Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

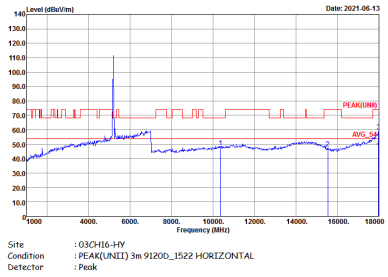
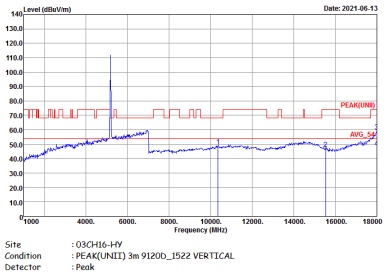
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

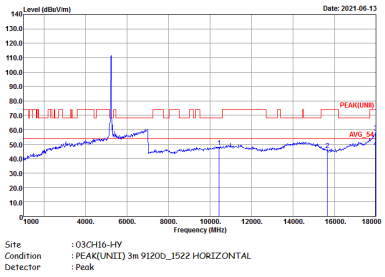
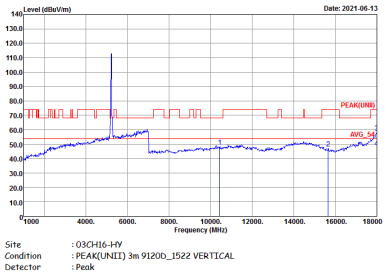
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

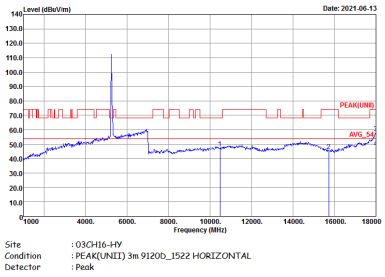
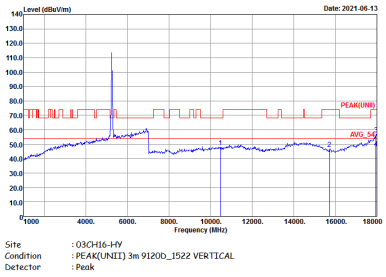
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz - R	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HV Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HV Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

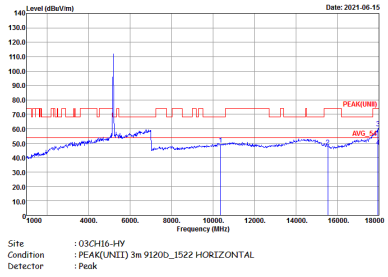
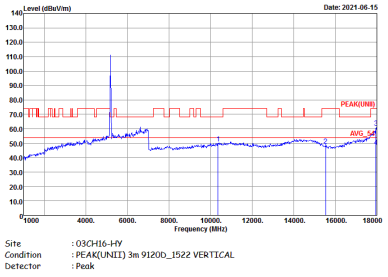
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
4+3	Horizontal	Vertical
Peak Avg.		

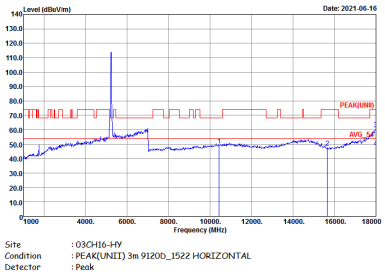
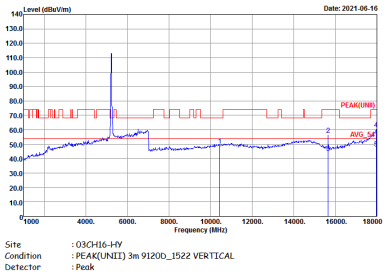
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
4+3	Horizontal	Vertical
Peak Avg.		

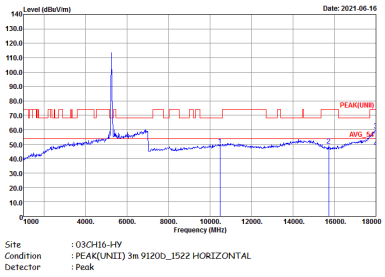
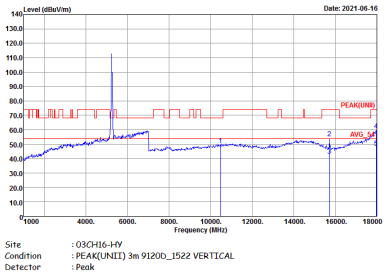
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

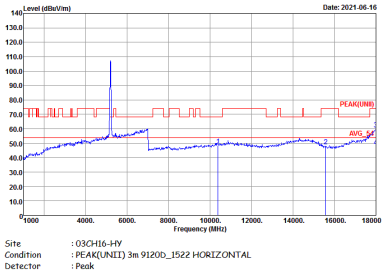
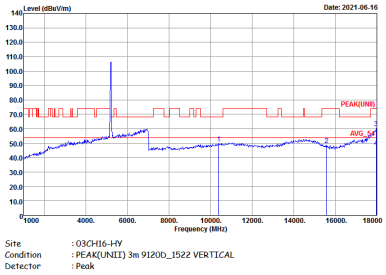
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+3	Horizontal	Vertical
Peak Avg.		

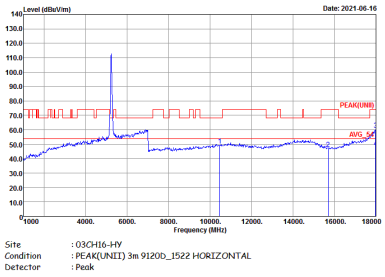
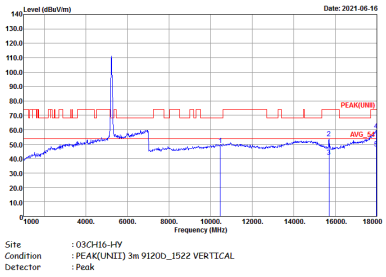
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH48 5240MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

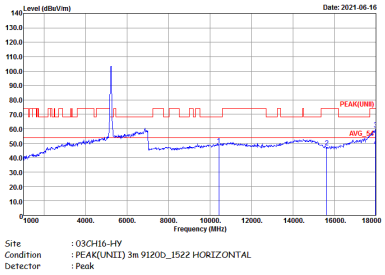
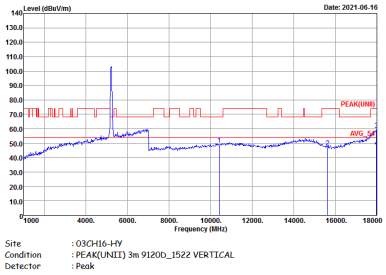
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
4+3	Horizontal	Vertical
Peak Avg.		

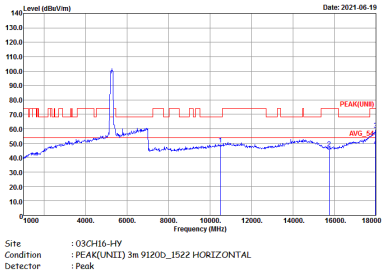
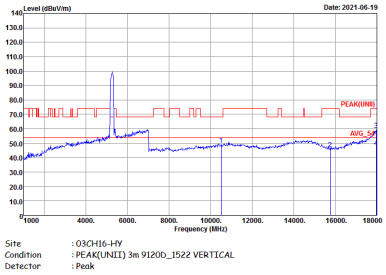
Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
4+3	Horizontal	Vertical
Peak Avg.		

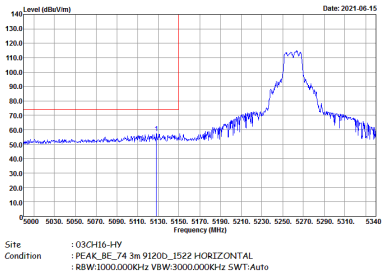
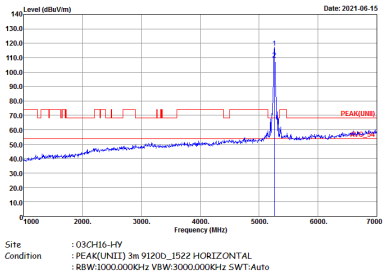
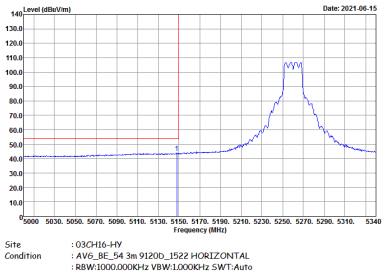
Band 1 5150~5250MHz

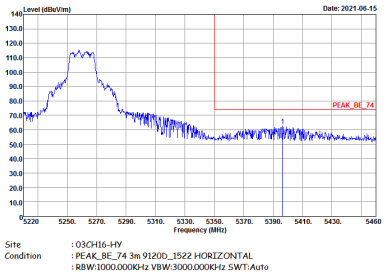
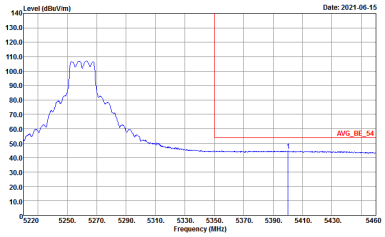
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

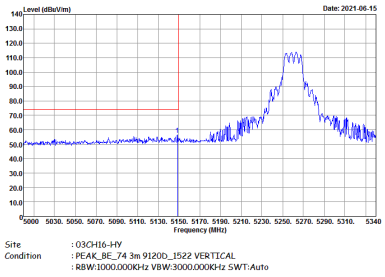
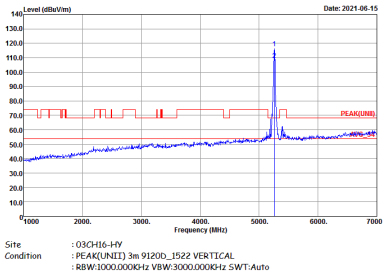
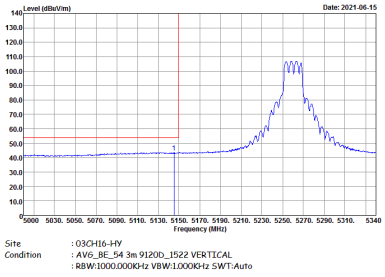
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
4+3	Horizontal	Vertical
Peak Avg.		

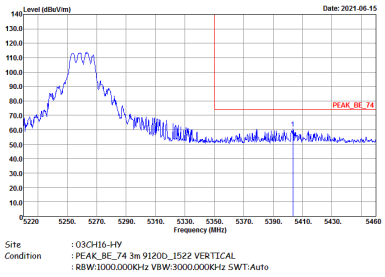
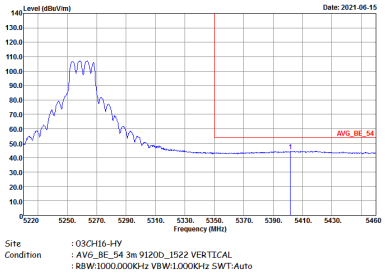
Band 2 - 5250~5350MHz

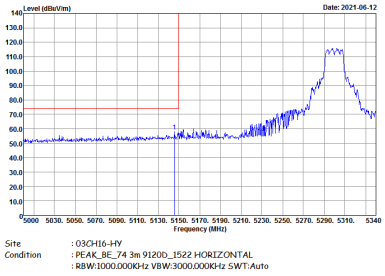
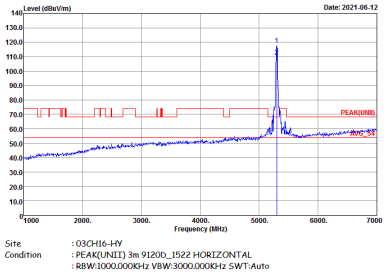
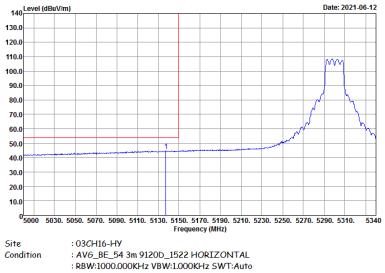
WIFI 802.11a (Band Edge @ 3m)

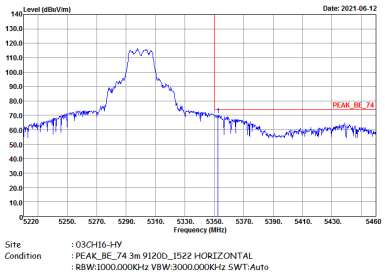
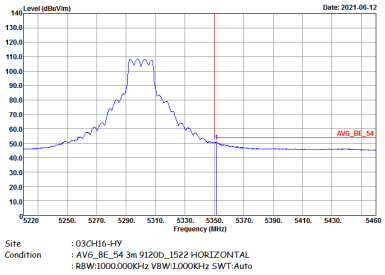
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

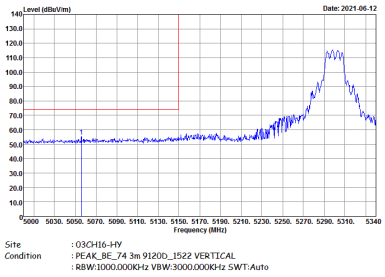
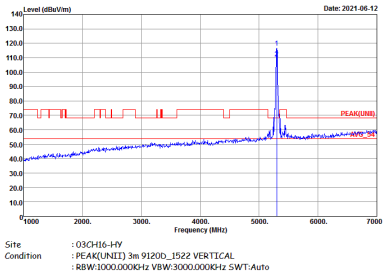
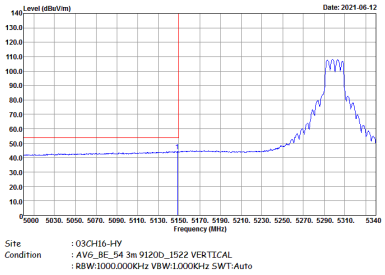
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HV Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH16-HV Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

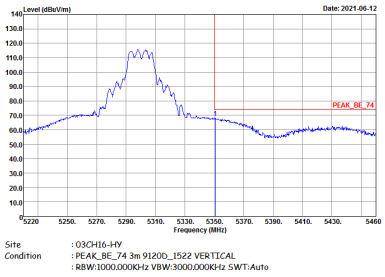
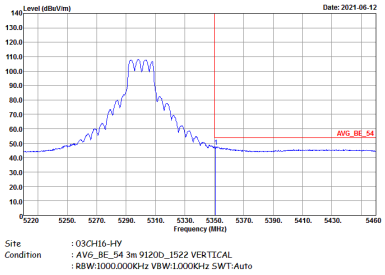
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

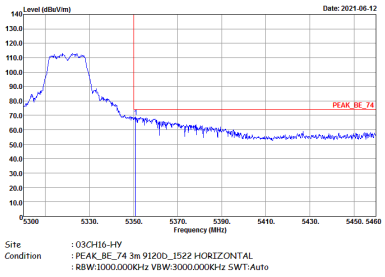
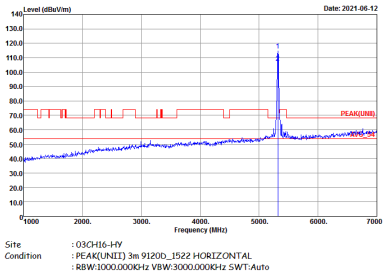
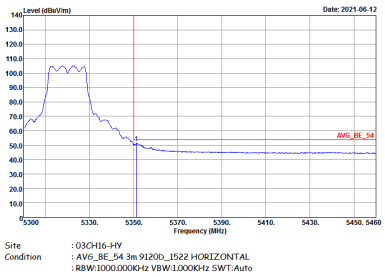
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

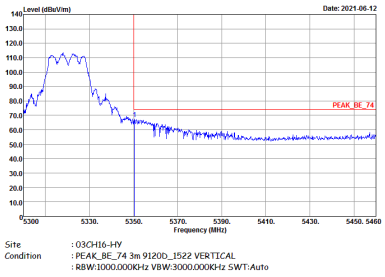
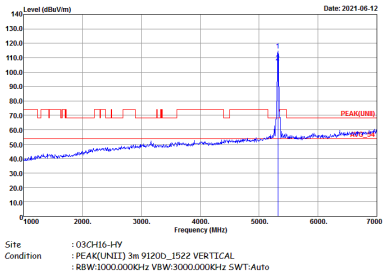
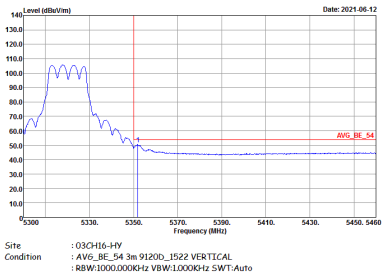
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

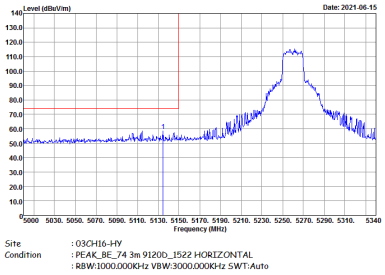
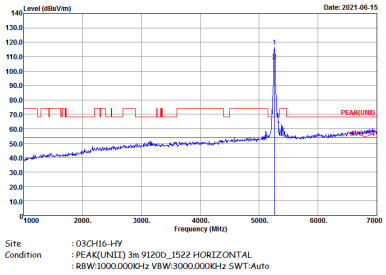
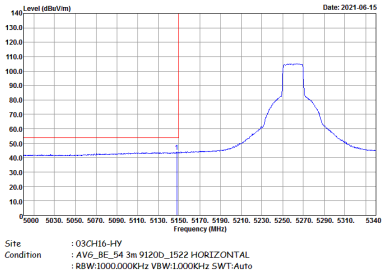
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

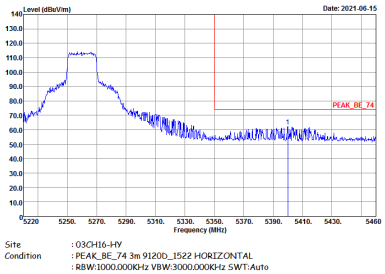
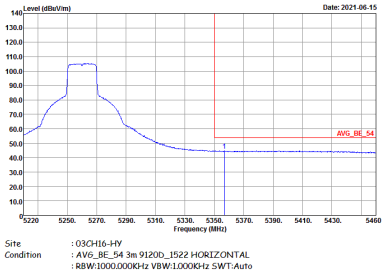
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

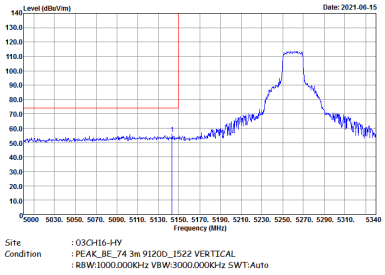
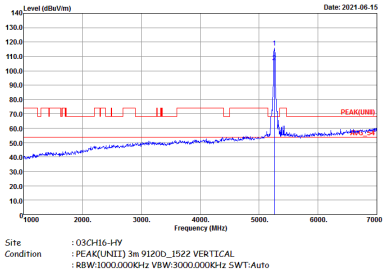
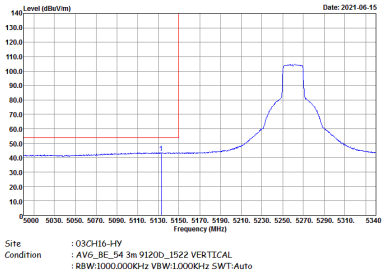
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

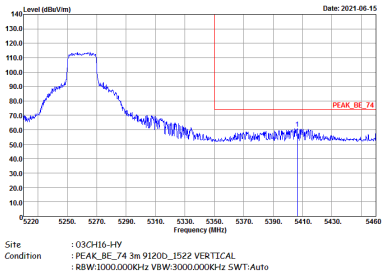
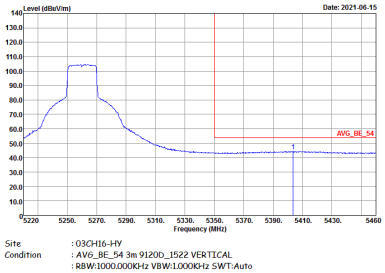
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HV Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HV Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HV Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

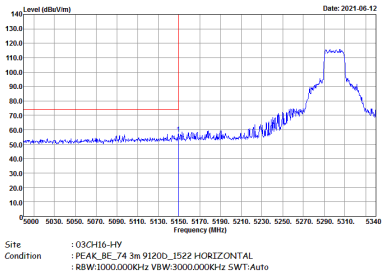
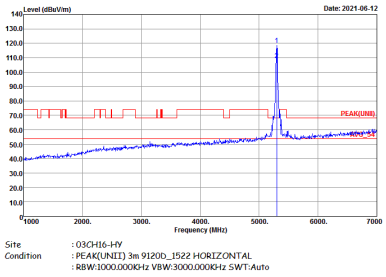
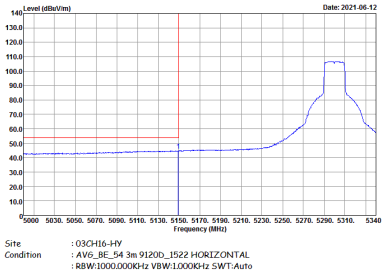
Band 2 5250~5350MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

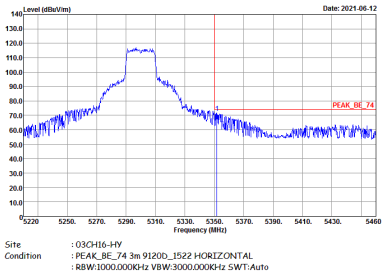
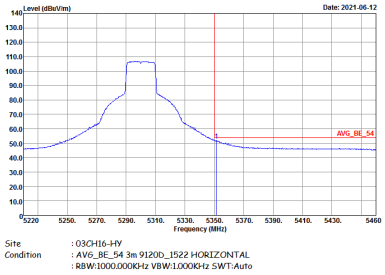
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

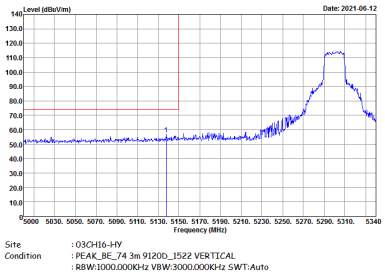
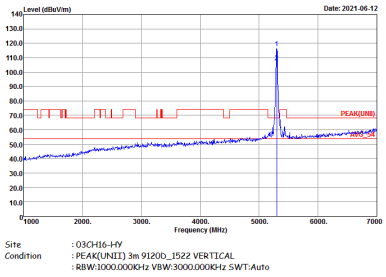
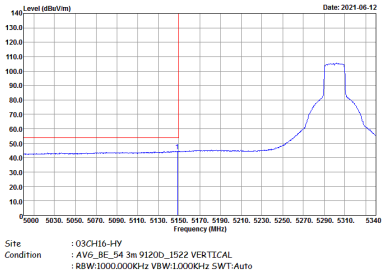
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

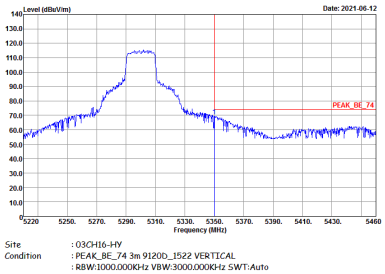
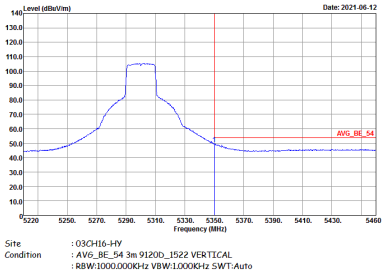
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

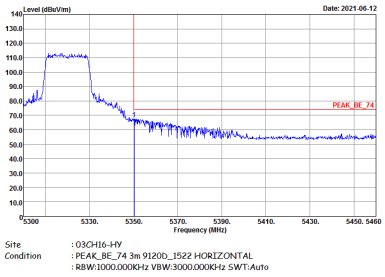
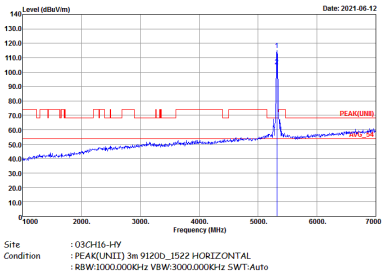
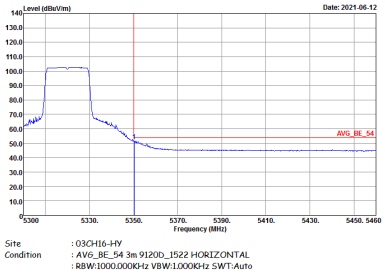
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

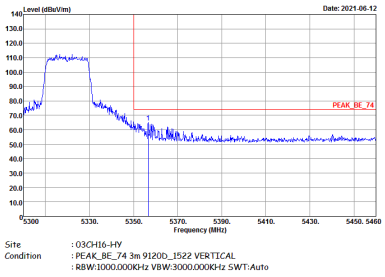
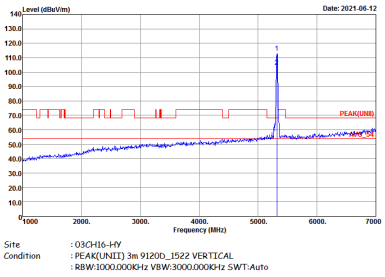
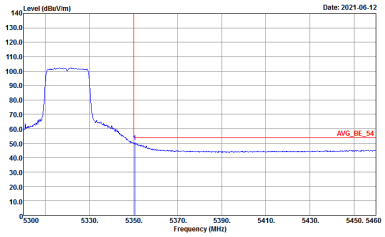
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

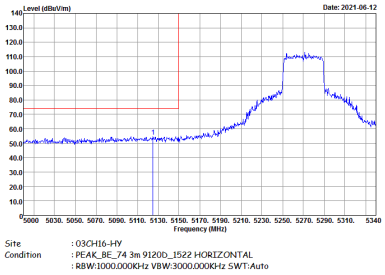
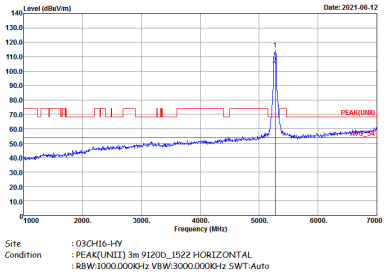
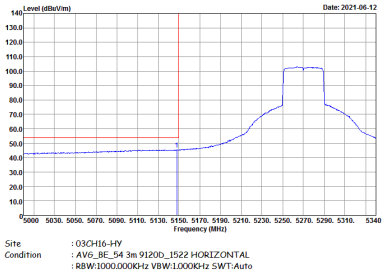
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

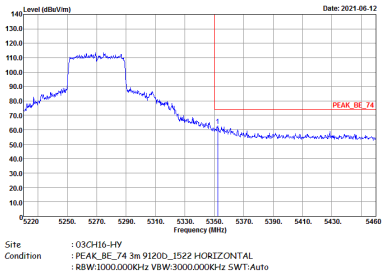
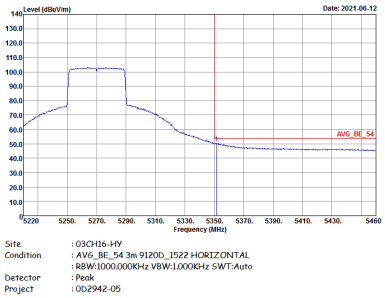
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
4+3	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

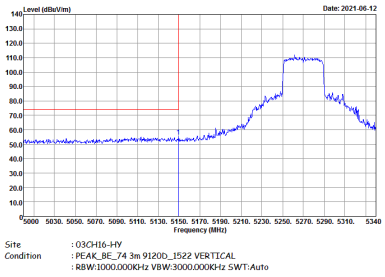
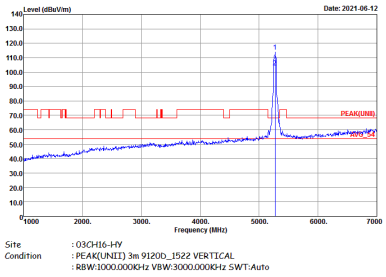
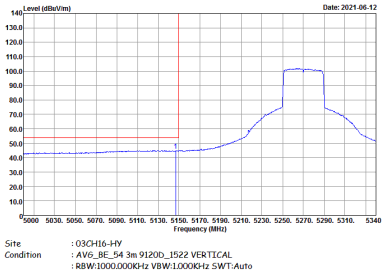
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
4+3	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	Left blank

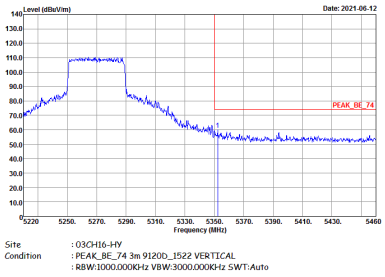
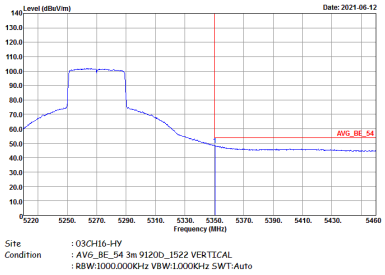
Band 2 - 5250~5350MHz

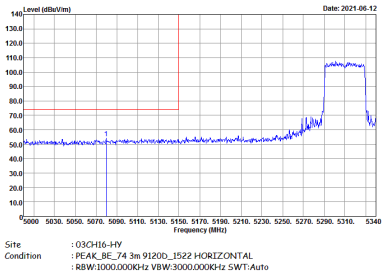
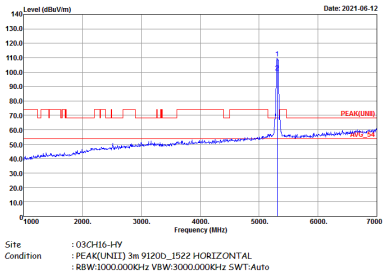
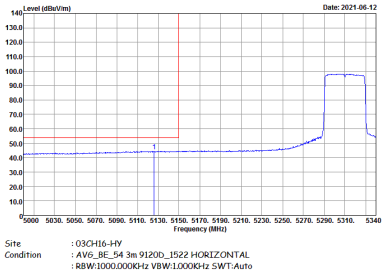
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

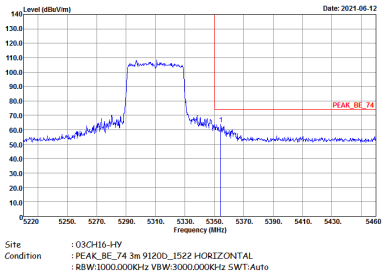
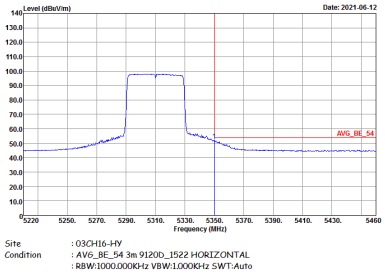
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

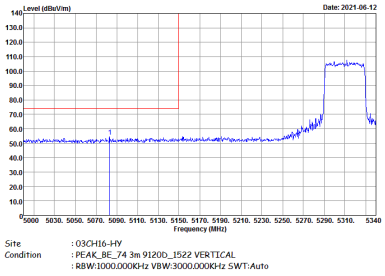
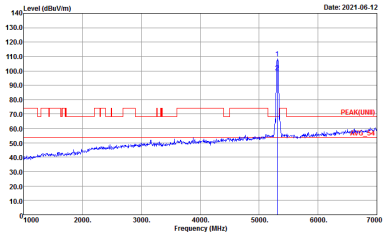
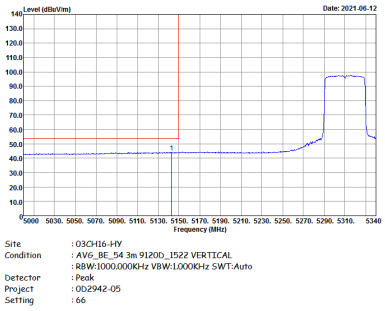
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

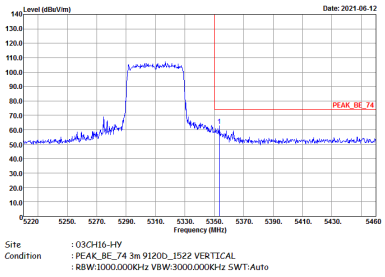
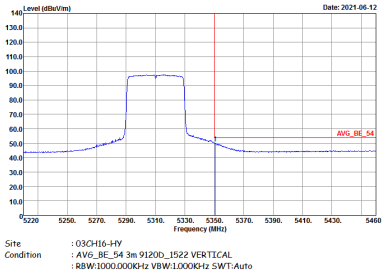
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH54 5270 - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

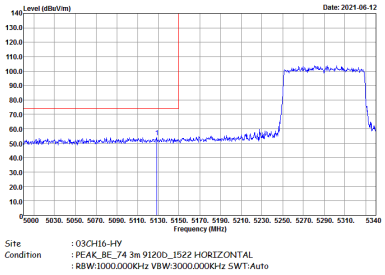
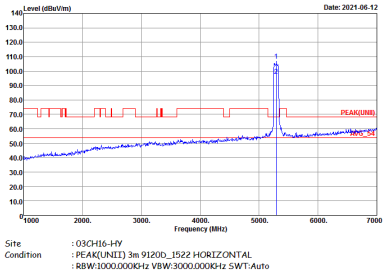
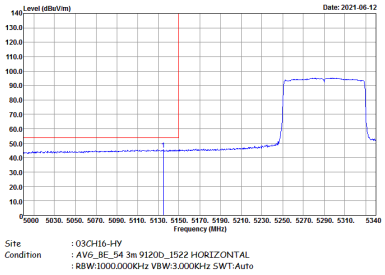
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

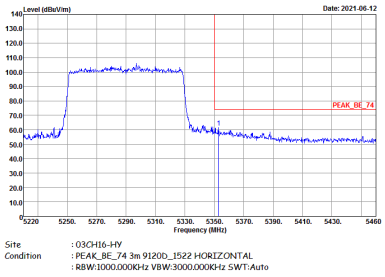
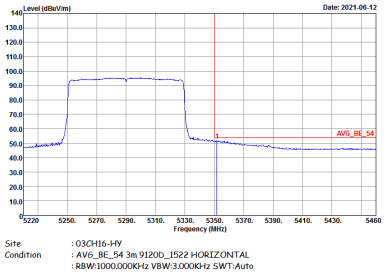
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

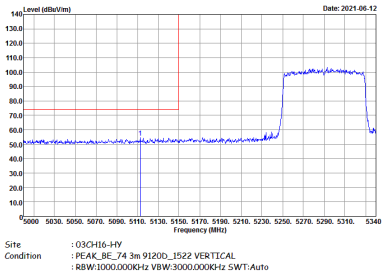
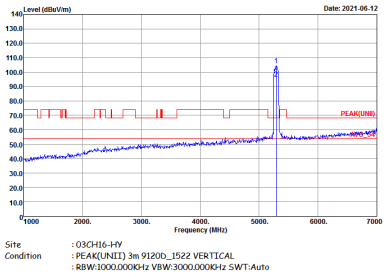
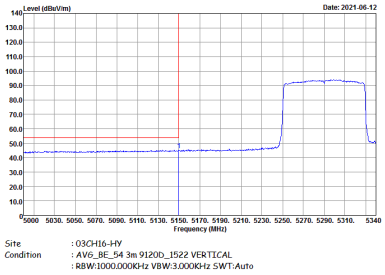
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

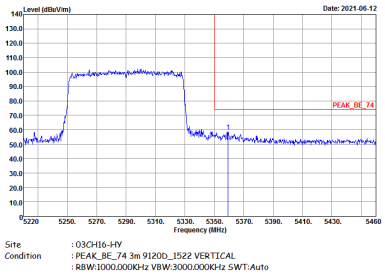
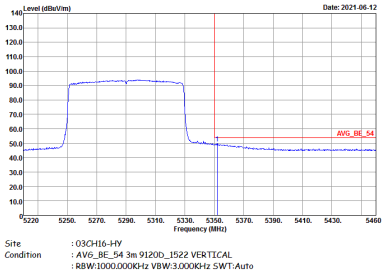
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH62 5310 - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

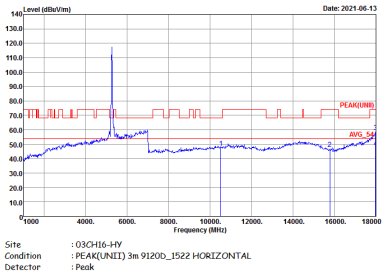
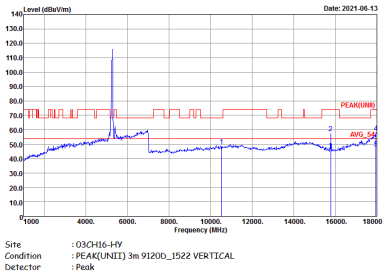
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

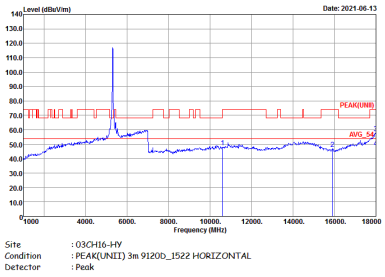
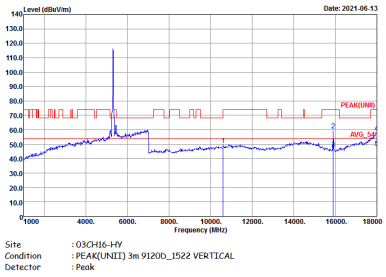
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

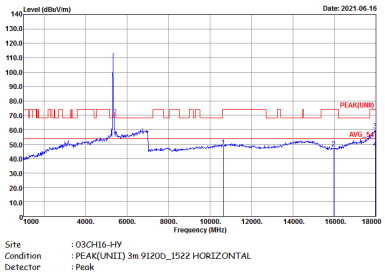
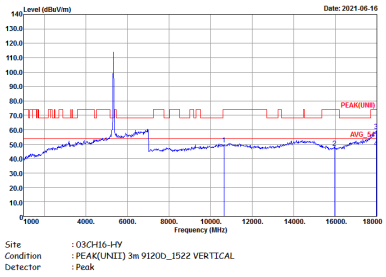
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

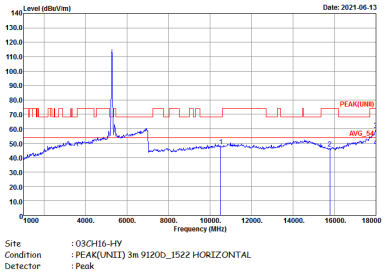
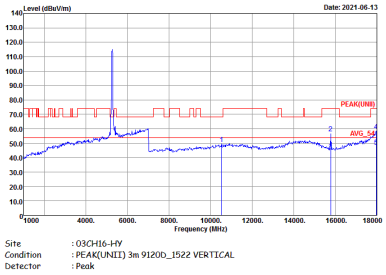
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
4+3	Horizontal	Vertical
Peak Avg.		

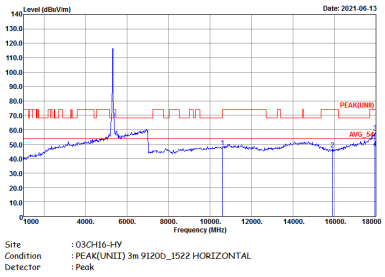
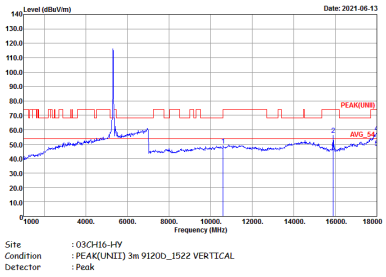
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
4+3	Horizontal	Vertical
Peak Avg.		

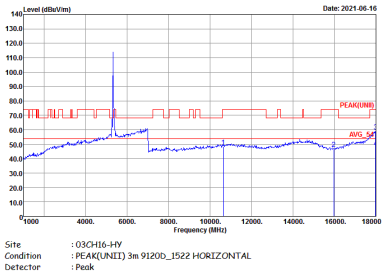
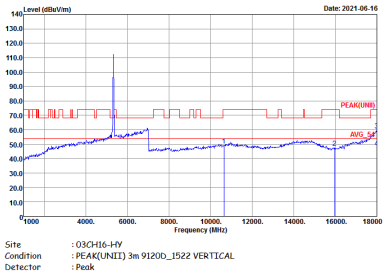
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

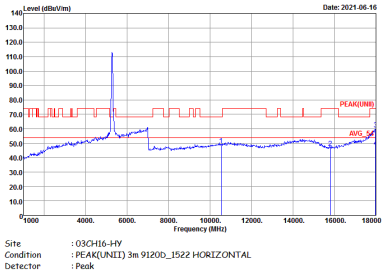
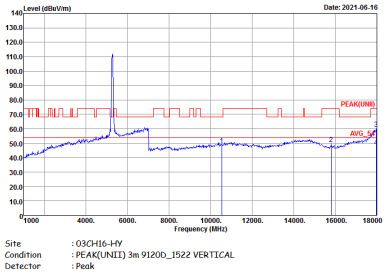
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH52 5260MHz	
4+3	Horizontal	Vertical
Peak Avg.		

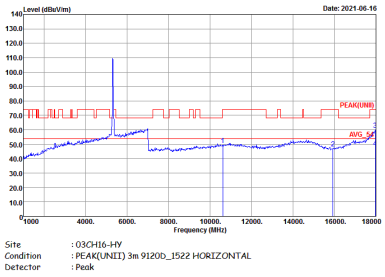
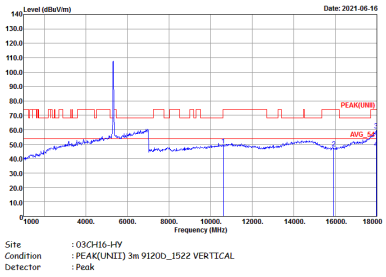
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH64 5320MHz	
4+3	Horizontal	Vertical
Peak Avg.		

Band 2 - 5250~5350MHz

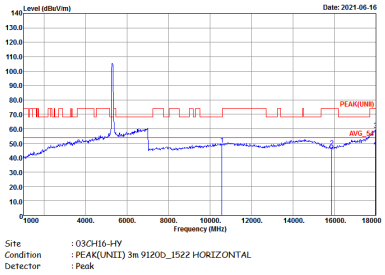
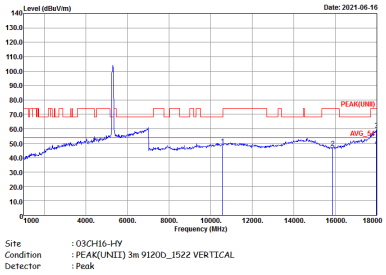
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
4+3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH62 5310	
4+3	Horizontal	Vertical
Peak Avg.		

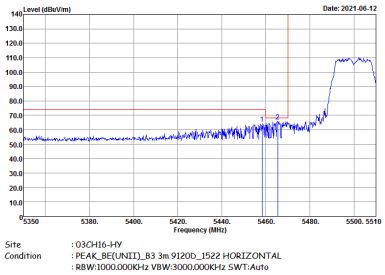
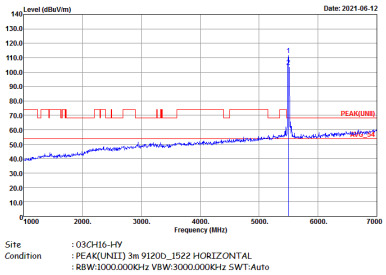
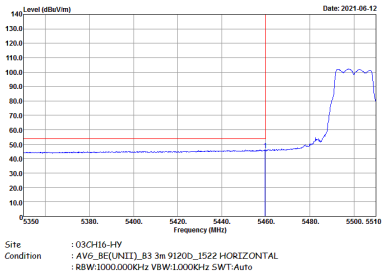
Band 2 5250~5350MHz

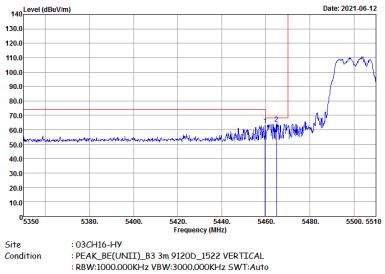
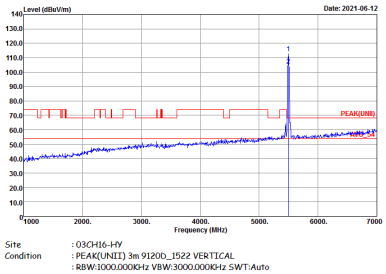
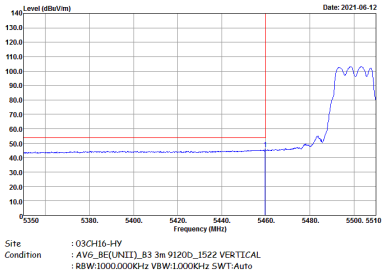
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

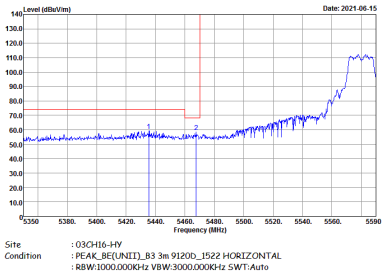
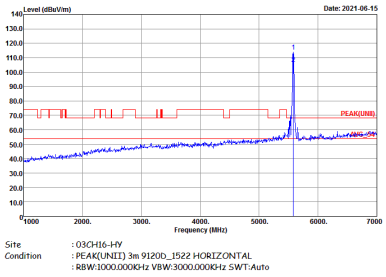
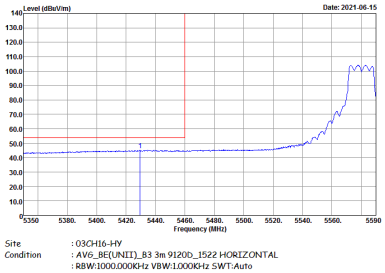
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
4+3	Horizontal	Vertical
Peak Avg.		

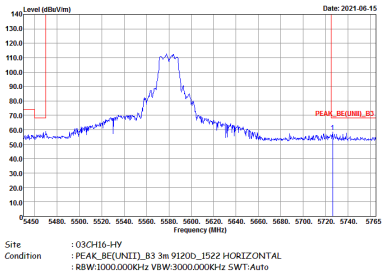
Band 3 - 5470~5725MHz

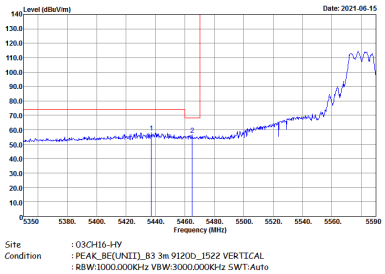
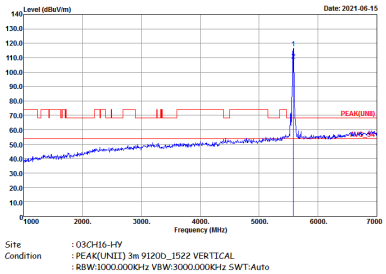
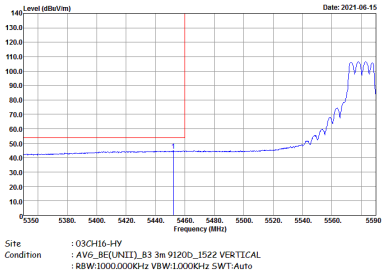
WIFI 802.11a (Band Edge @ 3m)

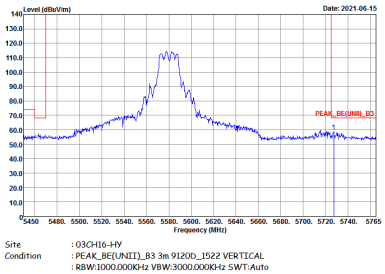
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

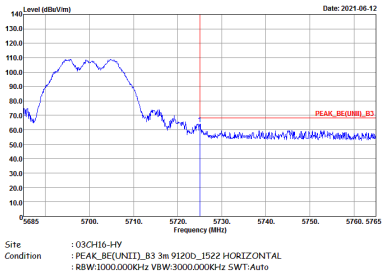
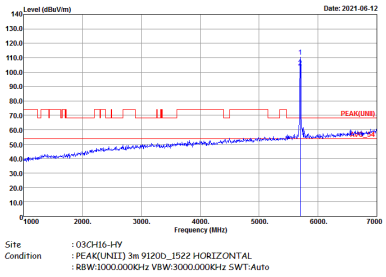
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

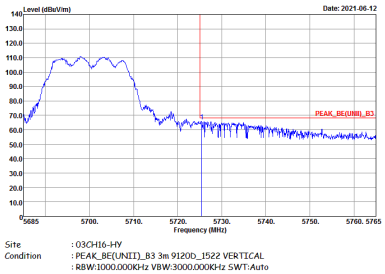
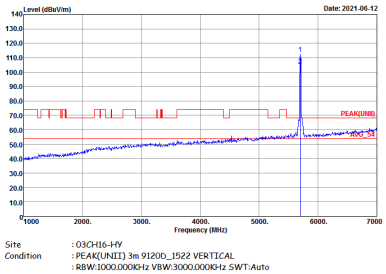
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank

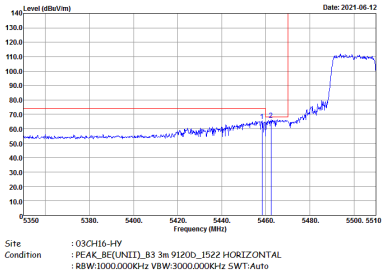
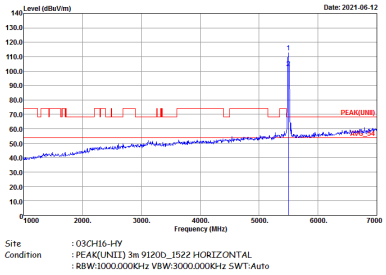
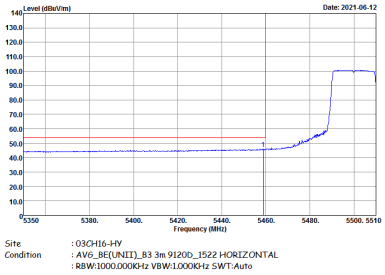
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

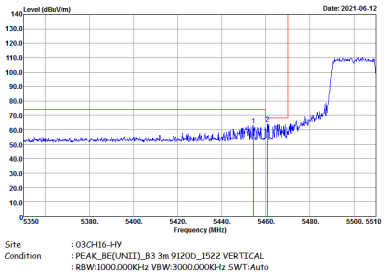
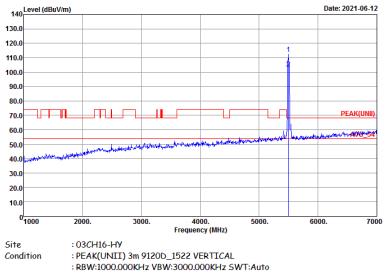
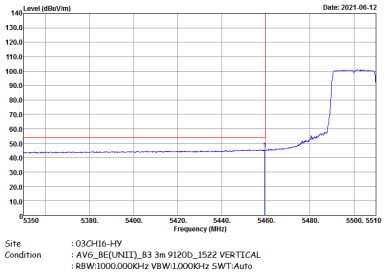
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank

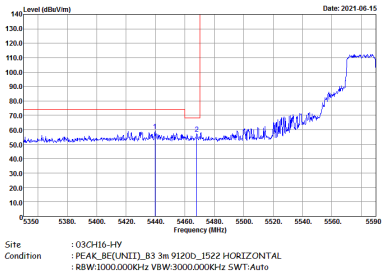
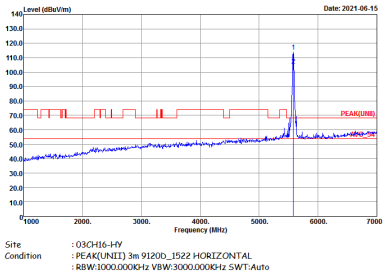
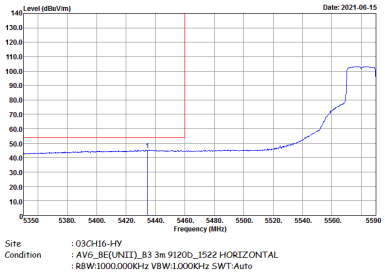
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4+3	Horizontal	Fundamental
Peak		

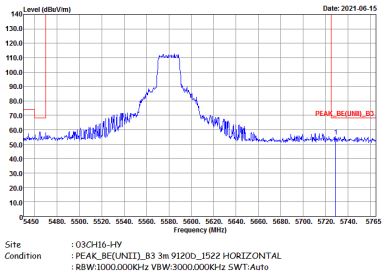
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
4+3	Vertical	Fundamental
Peak		

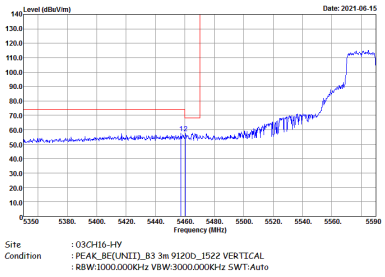
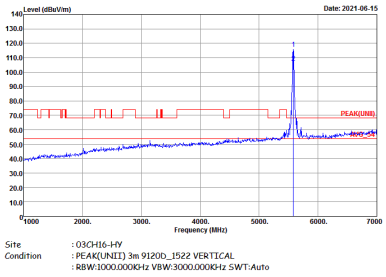
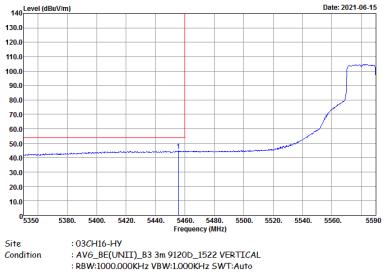
Band 3 5470~5725MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

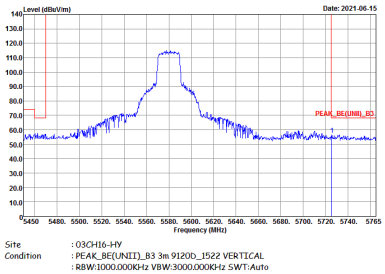
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

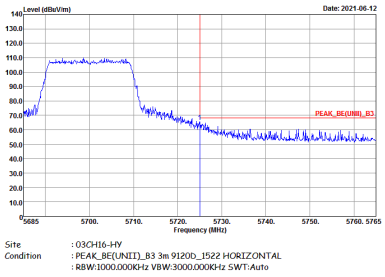
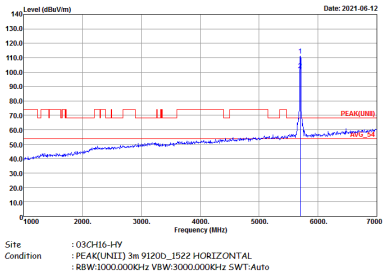
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH100 5500MHz	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

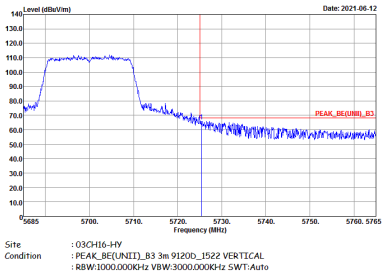
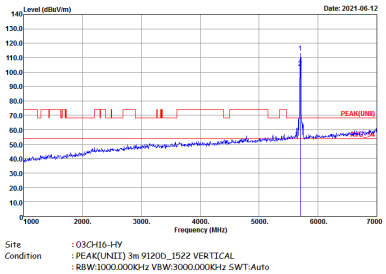
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

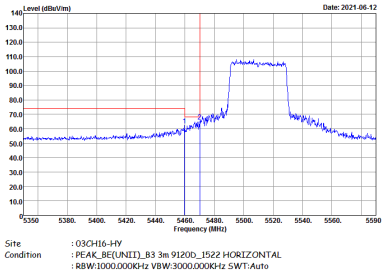
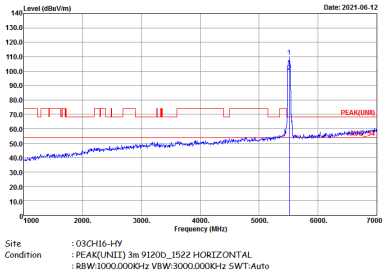
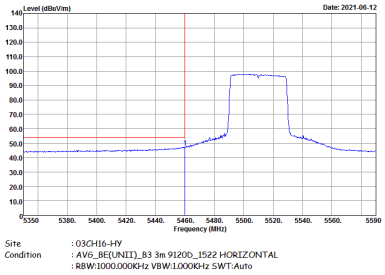
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank

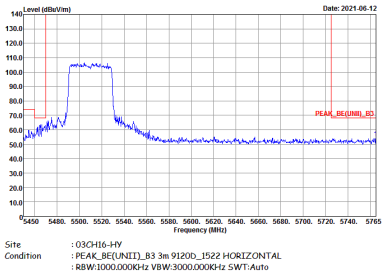
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
4+3	Horizontal	Fundamental
Peak		

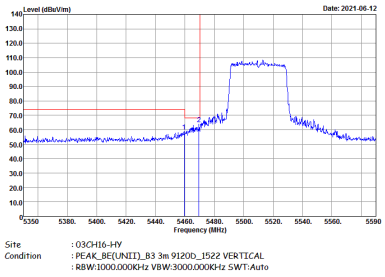
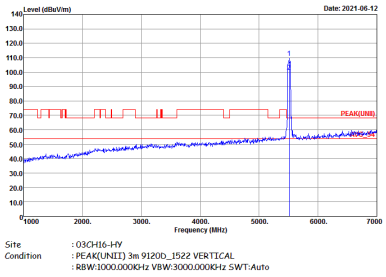
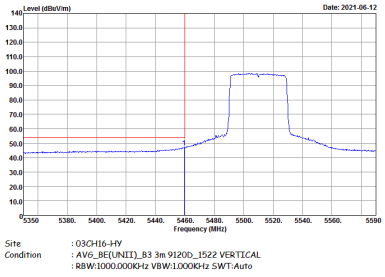
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
4+3	Vertical	Fundamental
Peak		

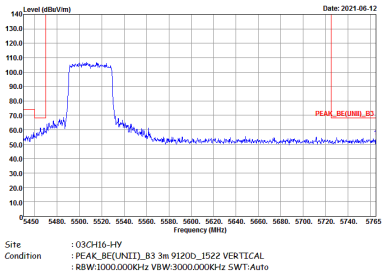
Band 3 - 5470~5725MHz

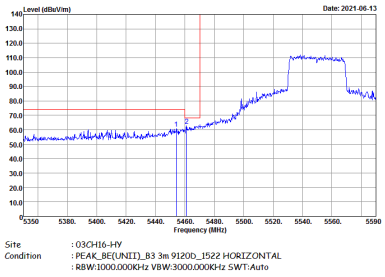
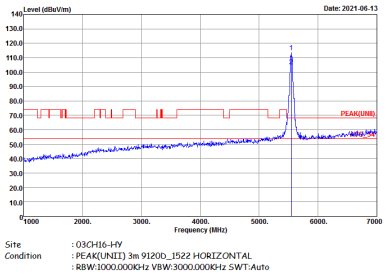
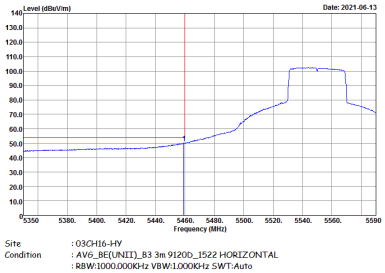
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

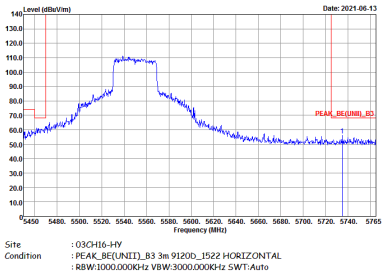
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

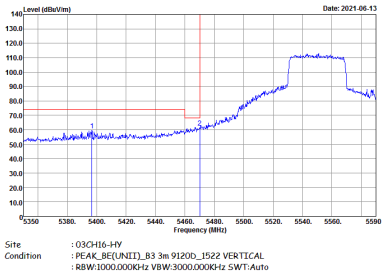
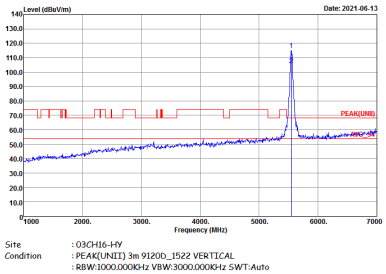
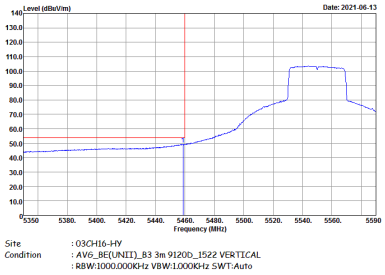
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank

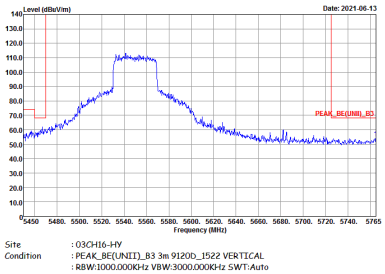
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

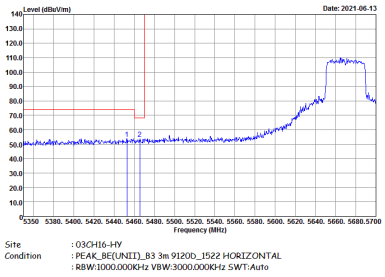
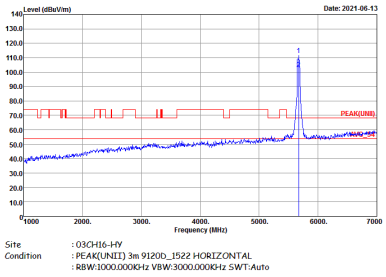
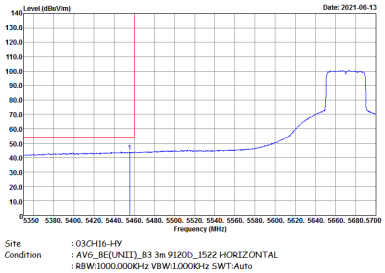
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank

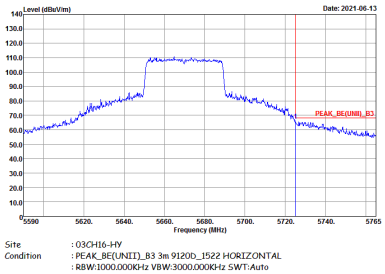
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

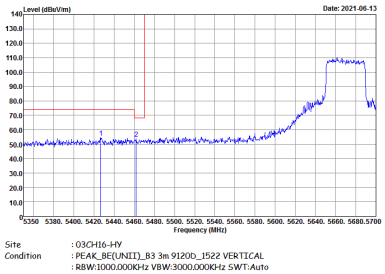
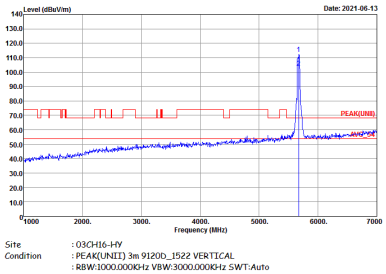
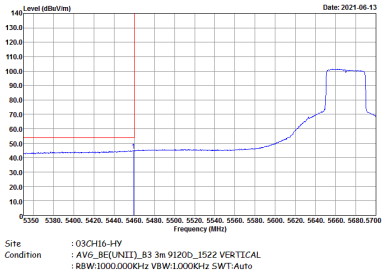
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz - R	
4+3	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
4+3	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - R	
4+3	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz - L	
4+3	Vertical	Fundamental
Peak		
Avg.		Left blank