FCC RADIO TEST REPORT

FCC ID	:	**2AVRLS10W**
Equipment	:	**Tablet**
Brand Name	:	**BYJU'S**
Model Name	:	**please refer to section 1.1 of this test report**
Applicant	:	**Tangible Play Inc.** **195 Page Mill Rd, Ste 105, Palo Alto, CA 94306** **United States**
Manufacturer	:	**Tangible Play Inc.** **195 Page Mill Rd, Ste 105, Palo Alto, CA 94306** **United States**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Jan. 15, 2020 and testing was started from Jan. 28, 2020 and completed on Mar. 04, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

Table of Contents

History of this test report **3**
Summary of Test Result **4**
1 General Description **5**
1.1 Product Feature of Equipment Under Test 5
1.2 Modification of EUT 6
1.3 Testing Location 7
1.4 Applicable Standards 7
2 Test Configuration of Equipment Under Test **8**
2.1 Carrier Frequency and Channel 8
2.2 Test Mode 10
2.3 Connection Diagram of Test System 11
2.4 Support Unit used in test configuration and system 11
2.5 EUT Operation Test Setup 13
2.6 Measurement Results Explanation Example 13
3 Test Result **14**
3.1 26dB & 99% Occupied Bandwidth Measurement 14
3.2 Maximum Conducted Output Power Measurement 16
3.3 Power Spectral Density Measurement 18
3.4 Unwanted Emissions Measurement 21
3.5 AC Conducted Emission Measurement 26
3.6 Automatically Discontinue Transmission 28
3.7 Antenna Requirements 29
4 List of Measuring Equipment **30**
5 Uncertainty of Evaluation **32**
Appendix A. Conducted Test Results
Appendix B. AC Conducted Emission Test Result
Appendix C. Radiated Spurious Emission
Appendix D. Radiated Spurious Emission Plots
Appendix E. Duty Cycle Plots
Appendix F. Setup Photographs

History of this test report

Report No.	Version	Description	Issued Date
FR9D1202D	01	Initial issue of report	Jun. 16, 2020
FR9D1202D	02	1. Revise the description at cover page 2. Revise model name	Jun. 26, 2020

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 0.54 dB at 5149.760 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 16.34 dB at 0.520 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

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

Reviewed by: Wii Chang

Report Producer: Ruby Zou

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS.

Product Specification subjective to this standard	
Model Name	"LRN10WINA-ETLT2" (EVTLot2 device) "LRN10WINA" (Tf Device) "LRNS10WIW0" (Pilot+MP Device), India SKU, White "LRNS10WIW1" reserved for future supplier iterations, India SKU, White "LRNS10WIW2" reserved for future supplier iterations, India SKU, White "LRNS10WIW3" reserved for future supplier iterations , India SKU, White "LRNS10WIW4" reserved for future supplier iterations , India SKU, White "LRNS10WIW5" reserved for future supplier iterations, India SKU, White "LRNS10WIW6" reserved for future supplier iterations, India SKU, White "LRNS10WIW7" reserved for future supplier iterations, India SKU, White "LRNS10WIW8" reserved for future supplier iterations, India SKU, White "LRNS10WIW9" reserved for future supplier iterations, India SKU, White "LRNS10GIW0" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW1" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW2" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW3" reserved for future supplier iterations , India SKU, Grey "LRNS10GIW4" reserved for future supplier iterations , India SKU, Grey "LRNS10GIW5" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW6" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW7" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW8" reserved for future supplier iterations, India SKU, Grey "LRNS10GIW9" reserved for future supplier iterations, India SKU, Grey "LRNS10RIW0" reserved for future supplier iterations, India SKU, Red "LRNS10RIW1" reserved for future supplier iterations, India SKU, Red "LRNS10RIW2" reserved for future supplier iterations, India SKU, Red "LRNS10RIW3" reserved for future supplier iterations , India SKU, Red "LRNS10RIW4" reserved for future supplier iterations , India SKU, Red "LRNS10RIW5" reserved for future supplier iterations, India SKU, Red "LRNS10RIW6" reserved for future supplier iterations, India SKU, Red "LRNS10RIW7" reserved for future supplier iterations, India SKU, Red "LRNS10RIW8" reserved for future supplier iterations, India SKU, Red "LRNS10RIW9" reserved for future supplier iterations, India SKU, Red

Product Specification subjective to this standard	
Model Name	"LRNS10WUW0" reserved for future supplier iterations, US SKU, White "LRNS10WUW1" reserved for future supplier iterations, US SKU, White "LRNS10WUW2" reserved for future supplier iterations, US SKU, White "LRNS10WUW3" reserved for future supplier iterations , US SKU, White "LRNS10WUW4" reserved for future supplier iterations , US SKU, White "LRNS10WUW5" reserved for future supplier iterations, US SKU, White "LRNS10WUW6" reserved for future supplier iterations, US SKU, White "LRNS10WUW7" reserved for future supplier iterations, US SKU, White "LRNS10WUW8" reserved for future supplier iterations, US SKU, White "LRNS10WUW9" reserved for future supplier iterations, US SKU, White "LRNS10GUW0" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW1" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW2" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW3" reserved for future supplier iterations , US SKU, Grey "LRNS10GUW4" reserved for future supplier iterations , US SKU, Grey "LRNS10GUW5" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW6" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW7" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW8" reserved for future supplier iterations, US SKU, Grey "LRNS10GUW9" reserved for future supplier iterations, US SKU, Grey "LRNS10RUW0" reserved for future supplier iterations, US SKU, Red "LRNS10RUW1" reserved for future supplier iterations, US SKU, Red "LRNS10RUW2" reserved for future supplier iterations, US SKU, Red "LRNS10RUW3" reserved for future supplier iterations , US SKU, Red "LRNS10RUW4" reserved for future supplier iterations , US SKU, Red "LRNS10RUW5" reserved for future supplier iterations, US SKU, Red "LRNS10RUW6" reserved for future supplier iterations, US SKU, Red "LRNS10RUW7" reserved for future supplier iterations, US SKU, Red "LRNS10RUW8" reserved for future supplier iterations, US SKU, Red "LRNS10RUW9" reserved for future supplier iterations, US SKU, Red
Antenna Type	WLAN: PCB Antenna Bluetooth: PCB Antenna GPS: PCB Antenna

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	**Sporton Site No.**		
	TH05-HY	CO05-HY	03CH07-HY

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

FCC designation No.: TW1190

1.4 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.
- 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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80.

2.2 Test Mode

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

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + Camera (Top) + Earphone + Adapter + SD Card

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	124
H	High	48	64	140	
Straddle		-	-	144	

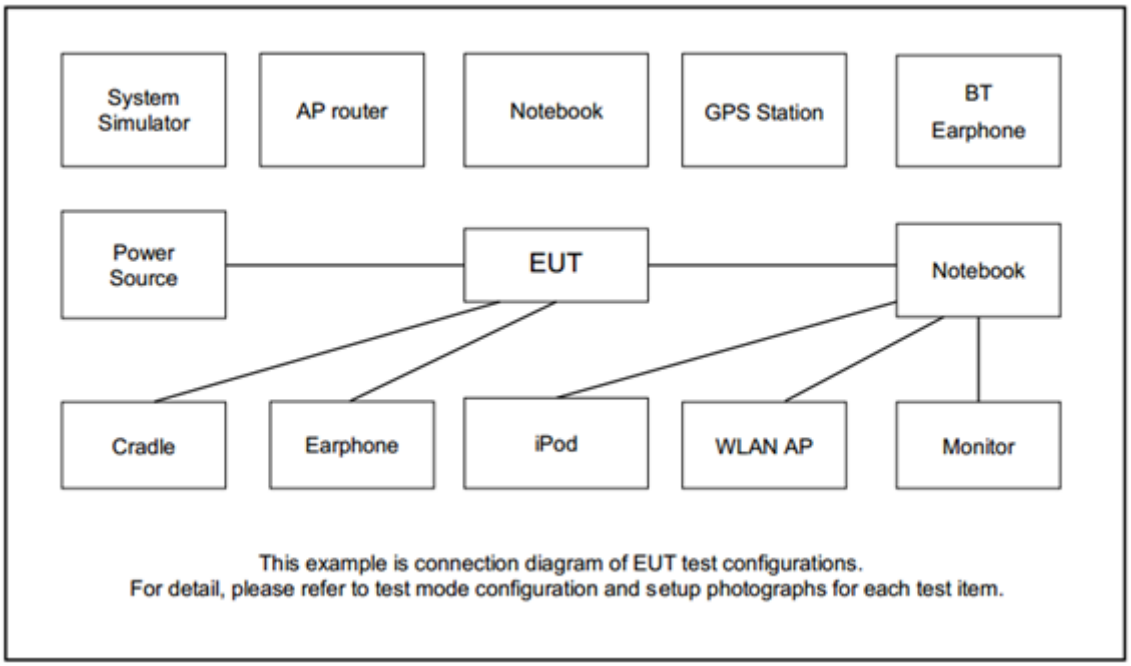
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz	
		802.11n HT20	802.11n HT20	802.11n HT20	
L	Low	36	52	100	
M	Middle	44	60	116	124
H	High	48	64	140	
Straddle		-	-	144	

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz	
		802.11n HT40	802.11n HT40	802.11n HT40	
L	Low	38	54	102	
M	Middle	-	-	110	126
H	High	46	62	134	
Straddle		-	-	142	

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

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



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
4.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P：Unshielded, 1.2m DC O/P：Shielded, 1.8m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, 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 10dB 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.

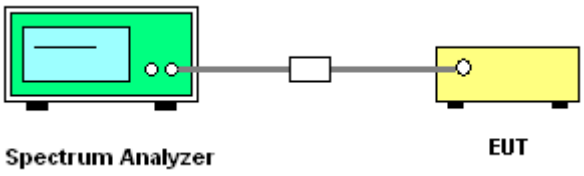
3.1.2 Measuring Instruments

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.

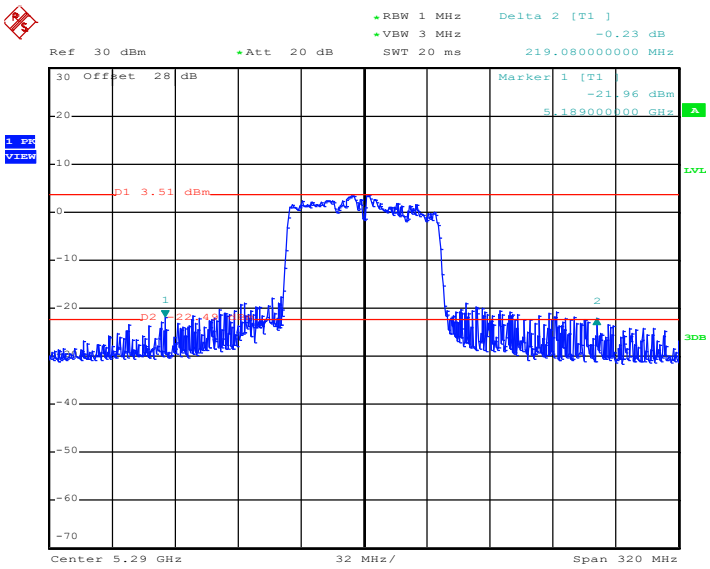
3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

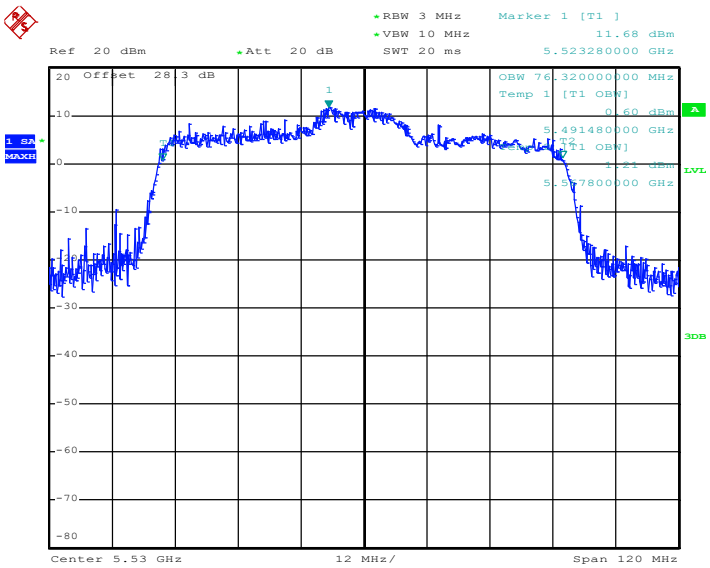
Please refer to Appendix A.

Maximum 26dB Bandwidth



Date: 4.MAR.2020 21:46:34

Maximum 99% Occupied Bandwidth



Date: 4.MAR.2020 21:55:31

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

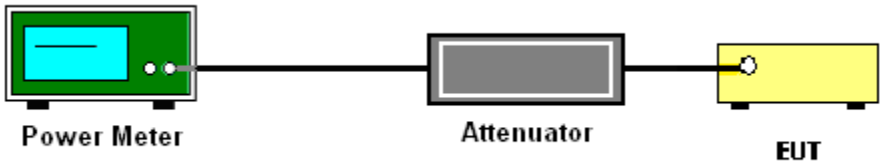
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using an 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.

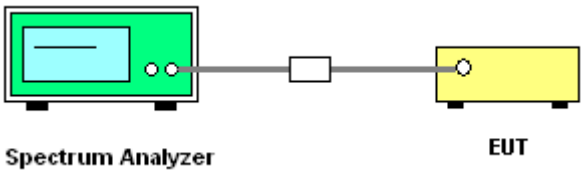
 # Method SA-3 #

(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.

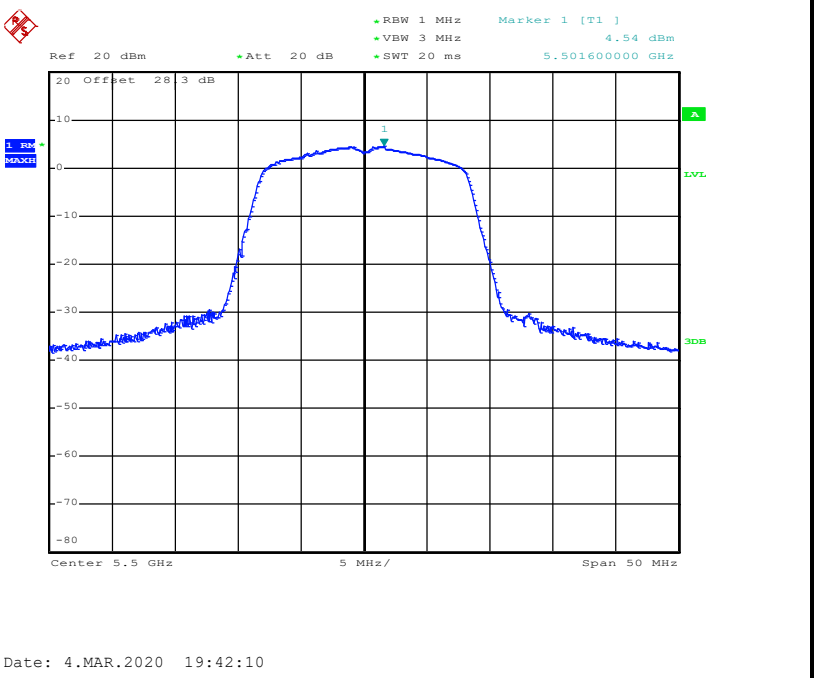
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

   Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

   - 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

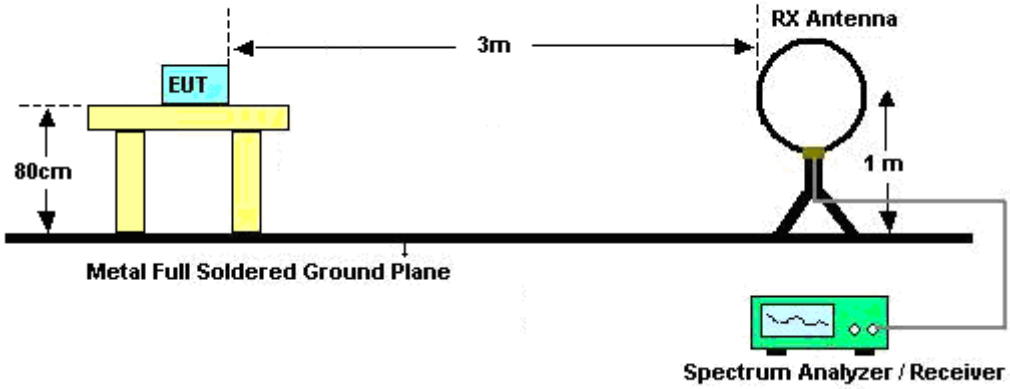
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

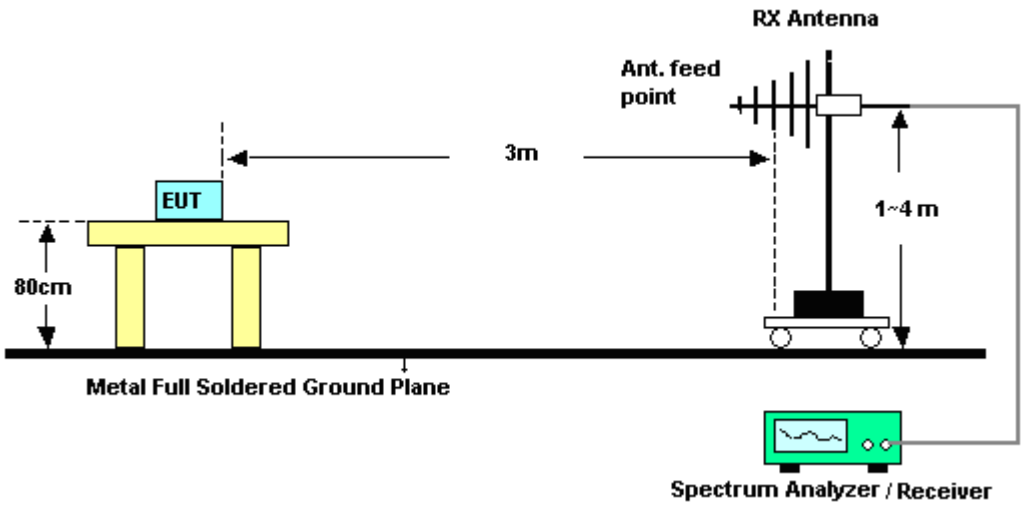
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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 1GHz, 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 1GHz, the emission level of the EUT in peak mode was 20dB 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

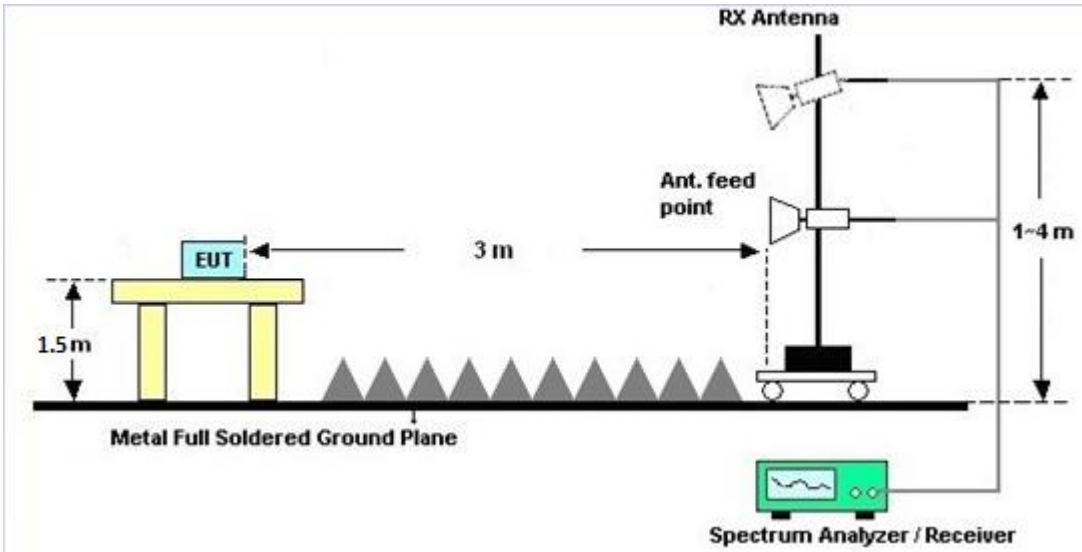
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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 a comparison data 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.

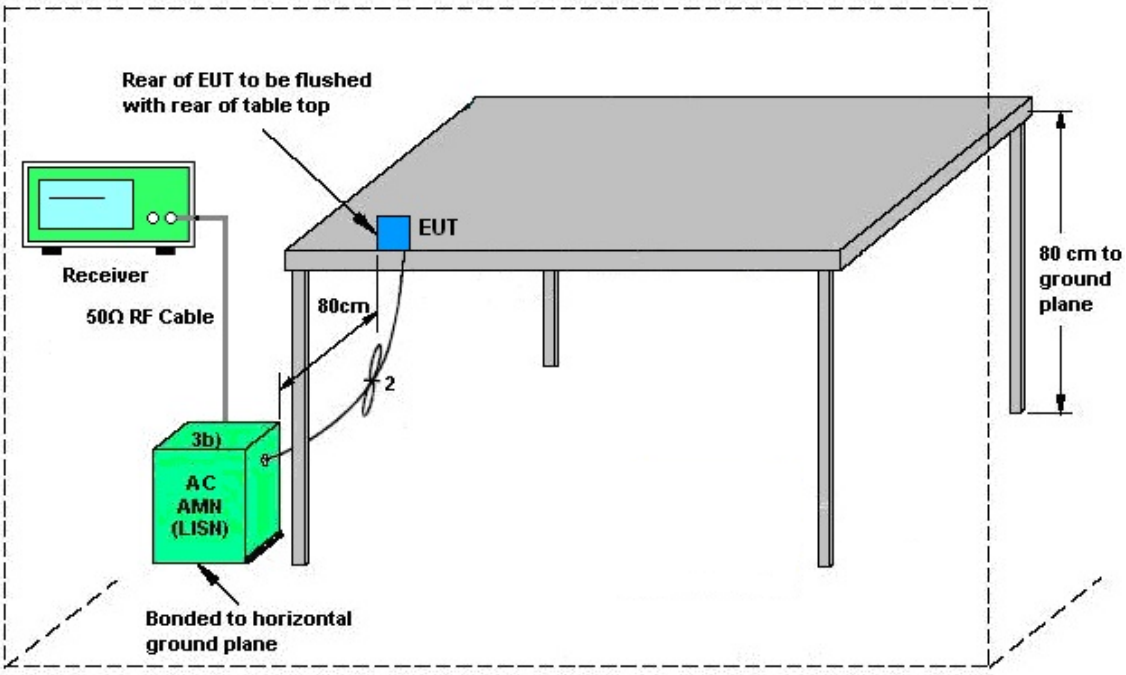
3.5.2 Measuring Instruments

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 should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 30, 2019	Jan. 28, 2020~ Mar. 03, 2020	Apr. 29, 2020	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 06, 2019	Jan. 28, 2020~ Mar. 03, 2020	Dec. 05, 2020	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A (MXE)	MY53290053	20Hz~26.5GHz	Jan. 18, 2020	Jan. 28, 2020~ Mar. 03, 2020	Jan. 17, 2021	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2468	Thermo-hygrometer	Jan. 15, 2020	Jan. 28, 2020~ Mar. 03, 2020	Jan. 14, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Dec. 26, 2019	Jan. 28, 2020~ Mar. 03, 2020	Dec. 25, 2020	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz~18GHz	Apr. 24, 2019	Jan. 28, 2020~ Mar. 03, 2020	Apr. 23, 2020	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 20, 2019	Jan. 28, 2020~ Mar. 03, 2020	May 19, 2020	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Nov. 01, 2019	Jan. 28, 2020~ Mar. 03, 2020	Oct. 31, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4, MY28655/4	9kHz~30MHz	Feb. 26, 2019	Jan. 28, 2020~ Feb. 24, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4, MY28655/4	9kHz~30MHz	Feb. 25, 2020	Feb. 25, 2020~ Mar. 03, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 26, 2019	Jan. 28, 2020~ Feb. 24, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 25, 2020	Feb. 25, 2020~ Mar. 03, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 26, 2019	Jan. 28, 2020~ Feb. 24, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 25, 2020	Feb. 25, 2020~ Mar. 03, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 26, 2019	Jan. 28, 2020~ Feb. 24, 2020	Feb. 25, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 25, 2020	Feb. 25, 2020~ Mar. 03, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 19, 2019	Jan. 28, 2020~ Mar. 03, 2020	Sep. 18, 2020	Radiation (03CH07-HY)
Controller	ChainTek	Chaintek 3000	N/A	Control Turn table	N/A	Jan. 28, 2020~ Mar. 03, 2020	N/A	Radiation (03CH07-HY)
Controller	Max-Full	MF7802	MF780208368	Control Ant Mast	N/A	Jan. 28, 2020~ Mar. 03, 2020	N/A	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Jan. 28, 2020~ Mar. 03, 2020	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jan. 28, 2020~ Mar. 03, 2020	N/A	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 26, 2019	Jan. 28, 2020~ Mar. 03, 2020	Nov. 25, 2020	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Apr. 02, 2019	Jan. 28, 2020~ Mar. 03, 2020	Apr. 01, 2020	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Jan. 28, 2020~ Mar. 03, 2020	N/A	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Jan. 28, 2020~ Mar. 03, 2020	Dec. 12, 2020	Radiation (03CH07-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Feb. 05, 2020~ Mar. 04, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Feb. 05, 2020~ Mar. 04, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	Feb. 05, 2020~ Mar. 04, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Feb. 05, 2020~ Mar. 04, 2020	Mar. 26, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 30, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jan. 30, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Jan. 30, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Jan. 30, 2020	Nov. 19, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 30, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jan. 30, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jan. 30, 2020	Jan. 01, 2021	Conduction (CO05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.0

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.6

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.2

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu/Shiming Liu/AnAn Wu	Temperature:	21~25	°C
Test Date:	2020/2/5~2020/3/4	Relative Humidity:	51~54	%

Report Number : FR9D1202D

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna														
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.55	-	21.60	-	-		22.19	-		
11a	6Mbps	1	44	5220	16.60	-	21.65	-	-		22.20	-		
11a	6Mbps	1	48	5240	16.60	-	21.55	-	-		22.20	-		
HT20	MCS0	1	36	5180	17.65	-	21.70	-	-		22.47	-		
HT20	MCS0	1	44	5220	17.60	-	21.55	-	-		22.46	-		
HT20	MCS0	1	48	5240	17.60	-	21.64	-	-		22.46	-		
HT40	MCS0	1	38	5190	36.20	-	41.63	-	-		23.01	-		
HT40	MCS0	1	46	5230	36.10	-	41.61	-	-		23.01	-		
VHT80	MCS0	1	42	5210	76.20	-	183.91	-	-		23.01	-		

Report Number : FR9D1202D

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	13.20	-		24.00	-	3.92	-		Pass
11a	6Mbps	1	44	5220	13.30	-		24.00	-	3.92	-		Pass
11a	6Mbps	1	48	5240	13.30	-		24.00	-	3.92	-		Pass
HT20	MCS0	1	36	5180	13.20	-		24.00	-	3.92	-		Pass
HT20	MCS0	1	44	5220	13.30	-		24.00	-	3.92	-		Pass
HT20	MCS0	1	48	5240	13.30	-		24.00	-	3.92	-		Pass
HT40	MCS0	1	38	5190	13.00	-		24.00	-	3.92	-		Pass
HT40	MCS0	1	46	5230	13.20	-		24.00	-	3.92	-		Pass
VHT20	MCS0	1	36	5180	13.10	-		24.00	-	3.92	-		Pass
VHT20	MCS0	1	44	5220	13.20	-		24.00	-	3.92	-		Pass
VHT20	MCS0	1	48	5240	13.20	-		24.00	-	3.92	-		Pass
VHT40	MCS0	1	38	5190	12.90	-		24.00	-	3.92	-		Pass
VHT40	MCS0	1	46	5230	13.10	-		24.00	-	3.92	-		Pass
VHT80	MCS0	1	42	5210	12.60	-		24.00	-	3.92	-		Pass

Report Number : FR9D1202D

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	3.68	-		11.00	-	3.92	-		Pass
11a	6Mbps	1	44	5220	4.27	-		11.00	-	3.92	-		Pass
11a	6Mbps	1	48	5240	3.73	-		11.00	-	3.92	-		Pass
HT20	MCS0	1	36	5180	3.69	-		11.00	-	3.92	-		Pass
HT20	MCS0	1	44	5220	3.68	-		11.00	-	3.92	-		Pass
HT20	MCS0	1	48	5240	3.86	-		11.00	-	3.92	-		Pass
HT40	MCS0	1	38	5190	0.52	-		11.00	-	3.92	-		Pass
HT40	MCS0	1	46	5230	0.88	-		11.00	-	3.92	-		Pass
VHT80	MCS0	1	42	5210	-3.09	-		11.00	-	3.92	-		Pass

Report Number : FR9D1202D

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.55	-	21.35	-	23.19	-	29.19	-	23.98	-	
11a	6Mbps	1	60	5300	16.60	-	21.60	-	23.20	-	29.20	-	23.98	-	
11a	6Mbps	1	64	5320	16.55	-	21.60	-	23.19	-	29.19	-	23.98	-	
HT20	MCS0	1	52	5260	17.65	-	21.70	-	23.47	-	29.47	-	23.98	-	
HT20	MCS0	1	60	5300	17.65	-	22.50	-	23.47	-	29.47	-	23.98	-	
HT20	MCS0	1	64	5320	17.55	-	21.75	-	23.44	-	29.44	-	23.98	-	
HT40	MCS0	1	54	5270	36.20	-	41.67	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.20	-	41.54	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	76.08	-	219.08	-	23.98	-	30.00	-	23.98	-	

Report Number : FR9D1202D

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna													
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 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	13.20	-		23.98	-	3.92	-	26.99	Pass
11a	6Mbps	1	60	5300	13.30	-		23.98	-	3.92	-	26.99	Pass
11a	6Mbps	1	64	5320	13.30	-		23.98	-	3.92	-	26.99	Pass
HT20	MCS0	1	52	5260	13.20	-		23.98	-	3.92	-	26.99	Pass
HT20	MCS0	1	60	5300	13.30	-		23.98	-	3.92	-	26.99	Pass
HT20	MCS0	1	64	5320	13.30	-		23.98	-	3.92	-	26.99	Pass
HT40	MCS0	1	54	5270	13.20	-		23.98	-	3.92	-	26.99	Pass
HT40	MCS0	1	62	5310	13.40	-		23.98	-	3.92	-	26.99	Pass
VHT20	MCS0	1	52	5260	13.10	-		23.98	-	3.92	-	26.99	Pass
VHT20	MCS0	1	60	5300	13.20	-		23.98	-	3.92	-	26.99	Pass
VHT20	MCS0	1	64	5320	13.20	-		23.98	-	3.92	-	26.99	Pass
VHT40	MCS0	1	54	5270	13.10	-		23.98	-	3.92	-	26.99	Pass
VHT40	MCS0	1	62	5310	13.20	-		23.98	-	3.92	-	26.99	Pass
VHT80	MCS0	1	58	5290	12.80	-		23.98	-	3.92	-	26.99	Pass

Report Number : FR9D1202D

TEST RESULTS DATA
Power Spectral Density

Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	3.92	-		11.00	-	3.92	-		Pass
11a	6Mbps	1	60	5300	3.92	-		11.00	-	3.92	-		Pass
11a	6Mbps	1	64	5320	3.66	-		11.00	-	3.92	-		Pass
HT20	MCS0	1	52	5260	3.85	-		11.00	-	3.92	-		Pass
HT20	MCS0	1	60	5300	3.74	-		11.00	-	3.92	-		Pass
HT20	MCS0	1	64	5320	3.36	-		11.00	-	3.92	-		Pass
HT40	MCS0	1	54	5270	0.70	-		11.00	-	3.92	-		Pass
HT40	MCS0	1	62	5310	0.67	-		11.00	-	3.92	-		Pass
VHT80	MCS0	1	58	5290	-3.80	-		11.00	-	3.92	-		Pass

Report Number : FR9D1202D

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.65	-	21.40	-	23.21	-	29.21	-	23.98	-	----	----
11a	6Mbps	1	116	5580	16.60	-	21.55	-	23.20	-	29.20	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.65	-	21.50	-	23.21	-	29.21	-	23.98	-	----	----
HT20	MCS0	1	100	5500	17.65	-	25.10	-	23.47	-	29.47	-	23.98	-	----	----
HT20	MCS0	1	116	5580	17.60	-	25.50	-	23.46	-	29.46	-	23.98	-	----	----
HT20	MCS0	1	140	5700	17.65	-	26.50	-	23.47	-	29.47	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.20	-	41.46	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.20	-	41.63	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.20	-	41.78	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	76.32	-	193.40	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	76.20	-	173.14	-	23.98	-	30.00	-	23.98	-	----	----

Band III straddle channel single antenna																
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 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.35	-	15.80	-	22.25	-	28.25	-	22.99	-	2.55	-
HT20	MCS0	1	144	5720	13.85	-	18.95	-	22.41	-	28.41	-	23.78	-	2.55	-
HT40	MCS0	1	142	5710	33.20	-	35.88	-	23.98	-	30.00	-	23.98	-	2.55	-
VHT80	MCS0	1	138	5690	73.64	-	144.76	-	23.98	-	30.00	-	23.98	-	2.6	-

Report Number : FR9D1202D

TEST RESULTS DATA
Average Power Table

FCC Band III single antenna													
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 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	13.70	-		23.98	-	4.86	-	26.99	Pass
11a	6Mbps	1	116	5580	13.70	-		23.98	-	4.86	-	26.99	Pass
11a	6Mbps	1	140	5700	13.30	-		23.98	-	4.86	-	26.99	Pass
HT20	MCS0	1	100	5500	13.50	-		23.98	-	4.86	-	26.99	Pass
HT20	MCS0	1	116	5580	13.60	-		23.98	-	4.86	-	26.99	Pass
HT20	MCS0	1	140	5700	13.50	-		23.98	-	4.86	-	26.99	Pass
HT40	MCS0	1	102	5510	13.80	-		23.98	-	4.86	-	26.99	Pass
HT40	MCS0	1	110	5550	13.70	-		23.98	-	4.86	-	26.99	Pass
HT40	MCS0	1	134	5670	13.40	-		23.98	-	4.86	-	26.99	Pass
VHT20	MCS0	1	100	5500	13.40	-		23.98	-	4.86	-	26.99	Pass
VHT20	MCS0	1	116	5580	13.50	-		23.98	-	4.86	-	26.99	Pass
VHT20	MCS0	1	140	5700	13.40	-		23.98	-	4.86	-	26.99	Pass
VHT40	MCS0	1	102	5510	13.70	-		23.98	-	4.86	-	26.99	Pass
VHT40	MCS0	1	110	5550	13.50	-		23.98	-	4.86	-	26.99	Pass
VHT40	MCS0	1	134	5670	13.30	-		23.98	-	4.86	-	26.99	Pass
VHT80	MCS0	1	106	5530	12.70	-		23.98	-	4.86	-	26.99	Pass
VHT80	MCS0	1	122	5610	12.30	-		23.98	-	4.86	-	26.99	Pass

FCC Band III straddle channel single antenna													
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 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	13.50	-		22.99	-	4.86	-	26.99	Pass
HT20	MCS0	1	144	5720	13.40	-		23.78	-	4.86	-	26.99	Pass
HT40	MCS0	1	142	5710	13.40	-		23.98	-	4.86	-	26.99	Pass
VHT20	MCS0	1	144	5720	13.30	-		23.98	-	4.86	-	26.99	Pass
VHT40	MCS0	1	142	5710	13.30	-		23.98	-	4.86	-	26.99	Pass
VHT80	MCS0	1	138	5690	11.90	-		23.98	-	4.86	-	26.99	Pass

Report Number : FR9D1202D

TEST RESULTS DATA
Power Spectral Density

Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	4.54	-		11.00	-	4.86	-		Pass
11a	6Mbps	1	116	5580	4.52	-		11.00	-	4.86	-		Pass
11a	6Mbps	1	140	5700	3.81	-		11.00	-	4.86	-		Pass
HT20	MCS0	1	100	5500	4.46	-		11.00	-	4.86	-		Pass
HT20	MCS0	1	116	5580	4.51	-		11.00	-	4.86	-		Pass
HT20	MCS0	1	140	5700	4.22	-		11.00	-	4.86	-		Pass
HT40	MCS0	1	102	5510	1.58	-		11.00	-	4.86	-		Pass
HT40	MCS0	1	110	5550	1.75	-		11.00	-	4.86	-		Pass
HT40	MCS0	1	134	5670	1.35	-		11.00	-	4.86	-		Pass
VHT80	MCS0	1	106	5530	-3.10	-		11.00	-	4.86	-		Pass
VHT80	MCS0	1	122	5610	-3.55	-		11.00	-	4.86	-		Pass

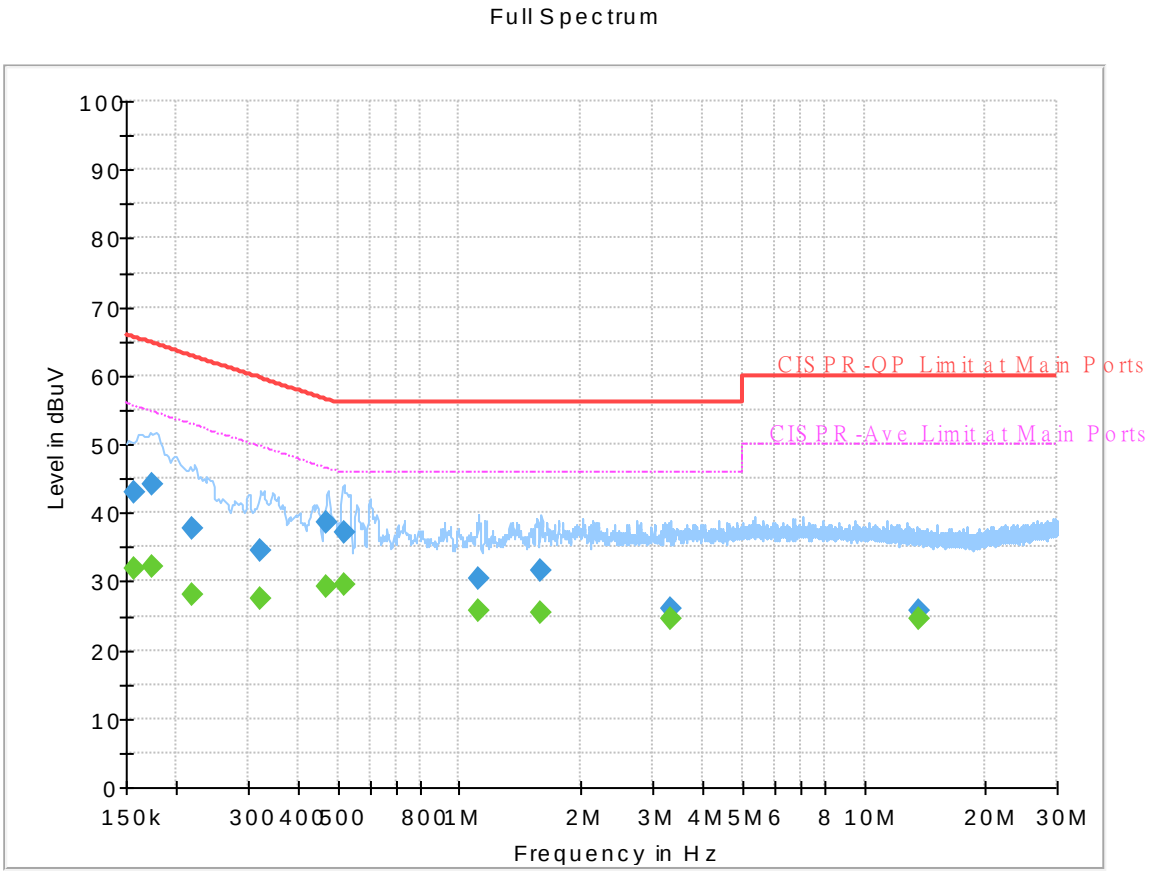
Band III straddle channel single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	4.02	-		11.00	-	4.86	-		Pass
HT20	MCS0	1	144	5720	3.89	-		11.00	-	4.86	-		Pass
HT40	MCS0	1	142	5710	0.96	-		11.00	-	4.86	-		Pass
VHT80	MCS0	1	138	5690	-4.04	-		11.00	-	4.86	-		Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	21~23℃
		Relative Humidity :	41~45%

EUT Information

Report NO :	9D1202
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

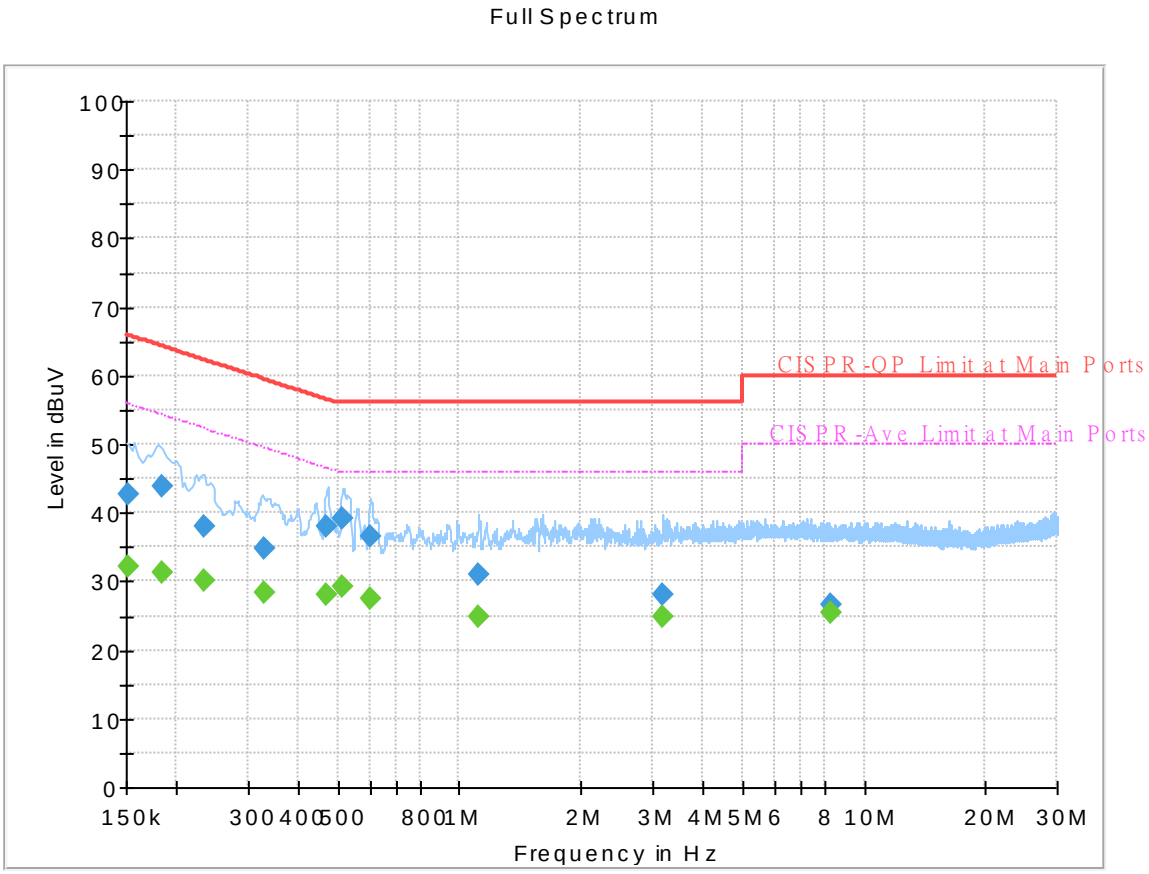


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	31.96	55.63	23.67	L1	OFF	19.5
0.156750	43.02	---	65.63	22.61	L1	OFF	19.5
0.174750	---	32.02	54.73	22.71	L1	OFF	19.5
0.174750	44.09	---	64.73	20.64	L1	OFF	19.5
0.217590	---	28.04	52.91	24.87	L1	OFF	19.5
0.217590	37.74	---	62.91	25.17	L1	OFF	19.5
0.323070	---	27.43	49.63	22.20	L1	OFF	19.5
0.323070	34.60	---	59.63	25.03	L1	OFF	19.5
0.469590	---	29.11	46.52	17.41	L1	OFF	19.5
0.469590	38.64	---	56.52	17.88	L1	OFF	19.5
0.520260	---	29.66	46.00	16.34	L1	OFF	19.5
0.520260	37.03	---	56.00	18.97	L1	OFF	19.5
1.111020	---	25.77	46.00	20.23	L1	OFF	19.6
1.111020	30.40	---	56.00	25.60	L1	OFF	19.6
1.590000	---	25.50	46.00	20.50	L1	OFF	19.6
1.590000	31.49	---	56.00	24.51	L1	OFF	19.6
3.333750	---	24.57	46.00	21.43	L1	OFF	19.7
3.333750	25.92	---	56.00	30.08	L1	OFF	19.7
13.724700	---	24.65	50.00	25.35	L1	OFF	20.1
13.724700	25.77	---	60.00	34.23	L1	OFF	20.1

EUT Information

Report NO :	9D1202
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)
0.152250	---	32.06	55.88	23.82	N	OFF	19.6
0.152250	42.70	---	65.88	23.18	N	OFF	19.6
0.183750	---	31.39	54.31	22.92	N	OFF	19.6
0.183750	43.91	---	64.31	20.40	N	OFF	19.6
0.233430	---	30.09	52.33	22.24	N	OFF	19.6
0.233430	37.96	---	62.33	24.37	N	OFF	19.6
0.330000	---	28.33	49.45	21.12	N	OFF	19.6
0.330000	34.93	---	59.45	24.52	N	OFF	19.6
0.468240	---	28.12	46.55	18.43	N	OFF	19.6
0.468240	37.97	---	56.55	18.58	N	OFF	19.6
0.512430	---	29.12	46.00	16.88	N	OFF	19.6
0.512430	39.32	---	56.00	16.68	N	OFF	19.6
0.601170	---	27.37	46.00	18.63	N	OFF	19.6
0.601170	36.43	---	56.00	19.57	N	OFF	19.6
1.119750	---	24.83	46.00	21.17	N	OFF	19.6
1.119750	30.98	---	56.00	25.02	N	OFF	19.6
3.176250	---	24.84	46.00	21.16	N	OFF	19.7
3.176250	27.94	---	56.00	28.06	N	OFF	19.7
8.265750	---	25.33	50.00	24.67	N	OFF	20.0
8.265750	26.54	---	60.00	33.46	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu, and Nick Yu	Temperature :	21~23°C
		Relative Humidity :	49~53%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.98	54.91	-19.09	74	44.37	34.4	11.56	35.42	202	11	P	H
		5150	47.19	-6.81	54	36.65	34.4	11.56	35.42	202	11	A	H
	*	5180	110.22	-	-	99.58	34.47	11.58	35.41	202	11	P	H
	*	5180	103.03	-	-	92.39	34.47	11.58	35.41	202	11	A	H
													H
		5149.76	54.11	-19.89	74	43.57	34.4	11.56	35.42	207	100	P	V
		5150	45.48	-8.52	54	34.94	34.4	11.56	35.42	207	100	A	V
	*	5180	108.08	-	-	97.44	34.47	11.58	35.41	207	100	P	V
	*	5180	102.88	-	-	92.24	34.47	11.58	35.41	207	100	A	V
													V
802.11a CH 44 5220MHz		5125.32	52.26	-21.74	74	41.78	34.37	11.54	35.43	203	10	P	H
		5147.94	44.16	-9.84	54	33.62	34.4	11.56	35.42	203	10	A	H
	*	5220	109.72	-	-	99	34.5	11.62	35.4	203	10	P	H
	*	5220	102.6	-	-	91.88	34.5	11.62	35.4	203	10	A	H
		5372.92	51.44	-22.56	74	40.43	34.57	11.78	35.34	203	10	P	H
		5351.08	43	-11	54	32.09	34.5	11.76	35.35	203	10	A	H
		5146.38	51.56	-22.44	74	41.03	34.4	11.55	35.42	213	105	P	V
		5138.84	42.97	-11.03	54	32.47	34.37	11.55	35.42	213	105	A	V
	*	5220	107.52	-	-	96.8	34.5	11.62	35.4	213	105	P	V
	*	5220	100.43	-	-	89.71	34.5	11.62	35.4	213	105	A	V
		5414.92	49.75	-24.25	74	38.55	34.7	11.83	35.33	213	105	P	V
		5383.56	41.34	-12.66	54	30.26	34.63	11.79	35.34	213	105	A	V

802.11a CH 48 5240MHz		5148.46	51.28	-22.72	74	40.74	34.4	11.56	35.42	247	8	P	H
		5138.32	43.39	-10.61	54	32.89	34.37	11.55	35.42	247	8	A	H
	*	5240	109.38	-	-	98.63	34.5	11.64	35.39	247	8	P	H
	*	5240	102.15	-	-	91.4	34.5	11.64	35.39	247	8	A	H
		5358.36	51.91	-22.09	74	40.99	34.5	11.77	35.35	247	8	P	H
		5351.64	43.45	-10.55	54	32.54	34.5	11.76	35.35	247	8	A	H
		5124.28	51.47	-22.53	74	40.99	34.37	11.54	35.43	216	112	P	V
		5149.24	42.8	-11.2	54	32.26	34.4	11.56	35.42	216	112	A	V
	*	5240	107.17	-	-	96.42	34.5	11.64	35.39	216	112	P	V
	*	5240	100.02	-	-	89.27	34.5	11.64	35.39	216	112	A	V
		5390.28	49.63	-24.37	74	38.54	34.63	11.8	35.34	216	112	P	V
		5353.88	41.57	-12.43	54	30.66	34.5	11.76	35.35	216	112	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	42.88	-25.32	68.2	47.41	37.47	17.58	59.58	100	0	P	H
		15540	44.94	-29.06	74	39.77	40.1	21.59	56.52	100	0	P	H
													H
		10360	42.16	-26.04	68.2	46.69	37.47	17.58	59.58	100	0	P	V
		15540	45.09	-28.91	74	39.92	40.1	21.59	56.52	100	0	P	V
													V
802.11a CH 44 5220MHz		10440	44.06	-24.14	68.2	48.42	37.53	17.65	59.54	100	0	P	H
		15660	45.93	-28.07	74	40.51	40.45	21.67	56.7	100	0	P	H
													H
		10440	44.2	-24	68.2	48.56	37.53	17.65	59.54	100	0	P	V
		15660	45.55	-28.45	74	40.13	40.45	21.67	56.7	100	0	P	V
													V
802.11a CH 48 5240MHz		10480	43.89	-24.31	68.2	48.13	37.58	17.68	59.5	100	0	P	H
		15720	47.36	-26.64	74	41.89	40.58	21.7	56.81	100	0	P	H
													H
		10480	43.79	-24.41	68.2	48.03	37.58	17.68	59.5	100	0	P	V
		15720	47.67	-26.33	74	42.2	40.58	21.7	56.81	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5148.2	54.71	-19.29	74	44.17	34.4	11.56	35.42	202	10	P	H
		5150	46.97	-7.03	54	36.43	34.4	11.56	35.42	202	10	A	H
	*	5180	109.44	-	-	98.8	34.47	11.58	35.41	202	10	P	H
	*	5180	102.28	-	-	91.64	34.47	11.58	35.41	202	10	A	H
													H
		5137.8	55.37	-18.63	74	44.87	34.37	11.55	35.42	194	100	P	V
		5149.76	45.36	-8.64	54	34.82	34.4	11.56	35.42	194	100	A	V
	*	5180	107	-	-	96.36	34.47	11.58	35.41	194	100	P	V
	*	5180	99.77	-	-	89.13	34.47	11.58	35.41	194	100	A	V
													V
802.11n HT20 CH 44 5220MHz		5131.82	53.14	-20.86	74	42.66	34.37	11.54	35.43	206	10	P	H
		5148.98	44.19	-9.81	54	33.65	34.4	11.56	35.42	206	10	A	H
	*	5220	109.34	-	-	98.62	34.5	11.62	35.4	206	10	P	H
	*	5220	102.06	-	-	91.34	34.5	11.62	35.4	206	10	A	H
		5381.32	50.98	-23.02	74	39.9	34.63	11.79	35.34	206	10	P	H
		5350.24	42.89	-11.11	54	31.98	34.5	11.76	35.35	206	10	A	H
		5135.98	51.45	-22.55	74	40.95	34.37	11.55	35.42	214	106	P	V
		5143.52	43.34	-10.66	54	32.81	34.4	11.55	35.42	214	106	A	V
	*	5220	107.03	-	-	96.31	34.5	11.62	35.4	214	106	P	V
	*	5220	99.73	-	-	89.01	34.5	11.62	35.4	214	106	A	V
		5386.64	49.3	-24.7	74	38.21	34.63	11.8	35.34	214	106	P	V
		5350.24	41.29	-12.71	54	30.38	34.5	11.76	35.35	214	106	A	V

802.11n HT20 CH 48 5240MHz		5128.96	51.56	-22.44	74	41.08	34.37	11.54	35.43	275	10	P	H
		5132.08	43.48	-10.52	54	33	34.37	11.54	35.43	275	10	A	H
	*	5240	109.74	-	-	98.99	34.5	11.64	35.39	275	10	P	H
	*	5240	102.56	-	-	91.81	34.5	11.64	35.39	275	10	A	H
		5350.8	50.37	-23.63	74	39.46	34.5	11.76	35.35	275	10	P	H
		5350.24	43.01	-10.99	54	32.1	34.5	11.76	35.35	275	10	A	H
		5143.78	51.12	-22.88	74	40.59	34.4	11.55	35.42	215	112	P	V
		5144.04	42.81	-11.19	54	32.28	34.4	11.55	35.42	215	112	A	V
	*	5240	106.47	-	-	95.72	34.5	11.64	35.39	215	112	P	V
	*	5240	99.4	-	-	88.65	34.5	11.64	35.39	215	112	A	V
		5457.76	49.27	-24.73	74	38	34.7	11.88	35.31	215	112	P	V
		5354.44	41.8	-12.2	54	30.89	34.5	11.76	35.35	215	112	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	43.2	-25	68.2	47.73	37.47	17.58	59.58	100	0	P	H
		15540	44.95	-29.05	74	39.78	40.1	21.59	56.52	100	0	P	H
													H
		10360	43.28	-24.92	68.2	47.81	37.47	17.58	59.58	100	0	P	V
		15540	44.62	-29.38	74	39.45	40.1	21.59	56.52	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	44.03	-24.17	68.2	48.39	37.53	17.65	59.54	100	0	P	H
		15660	46.23	-27.77	74	40.81	40.45	21.67	56.7	100	0	P	H
													H
		10440	43.62	-24.58	68.2	47.98	37.53	17.65	59.54	100	0	P	V
		15660	45.76	-28.24	74	40.34	40.45	21.67	56.7	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	44.08	-24.12	68.2	48.32	37.58	17.68	59.5	100	0	P	H
		15720	46.52	-27.48	74	41.05	40.58	21.7	56.81	100	0	P	H
													H
		10480	44.24	-23.96	68.2	48.48	37.58	17.68	59.5	100	0	P	V
		15720	47.06	-26.94	74	41.59	40.58	21.7	56.81	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.2	60.64	-13.36	74	50.37	34.4	11.29	35.42	220	12	P	H
		5150	53.34	-0.66	54	43.07	34.4	11.29	35.42	220	12	A	H
	*	5190	105.66	-	-	95.26	34.47	11.34	35.41	220	12	P	H
	*	5190	98.84	-	-	88.44	34.47	11.34	35.41	220	12	A	H
		5365.08	49.19	-24.81	74	38.48	34.57	11.49	35.35	220	12	P	H
		5353.6	41.82	-12.18	54	31.18	34.5	11.49	35.35	220	12	A	H
		5148.2	62.35	-11.65	74	52.08	34.4	11.29	35.42	213	98	P	V
		5150	52.32	-1.68	54	42.05	34.4	11.29	35.42	213	98	A	V
	*	5190	103.58	-	-	93.18	34.47	11.34	35.41	213	98	P	V
	*	5190	96.78	-	-	86.38	34.47	11.34	35.41	213	98	A	V
		5362.56	48.61	-25.39	74	37.9	34.57	11.49	35.35	213	98	P	V
		5358.36	41.37	-12.63	54	30.73	34.5	11.49	35.35	213	98	A	V
802.11n HT40 CH 46 5230MHz		5132.6	53.03	-20.97	74	42.54	34.37	11.54	35.42	210	10	P	H
		5148.98	44.95	-9.05	54	34.41	34.4	11.56	35.42	210	10	A	H
	*	5230	106.37	-	-	95.63	34.5	11.63	35.39	210	10	P	H
	*	5230	99.46	-	-	88.72	34.5	11.63	35.39	210	10	A	H
		5360.6	50.75	-23.25	74	39.76	34.57	11.77	35.35	210	10	P	H
		5355	44.22	-9.78	54	33.31	34.5	11.76	35.35	210	10	A	H
		5139.62	50.34	-23.66	74	39.81	34.4	11.55	35.42	189	105	P	V
		5142.48	43.49	-10.51	54	32.96	34.4	11.55	35.42	189	105	A	V
	*	5230	103.81	-	-	93.07	34.5	11.63	35.39	189	105	P	V
	*	5230	96.75	-	-	86.01	34.5	11.63	35.39	189	105	A	V
		5397.56	50.48	-23.52	74	39.3	34.7	11.81	35.33	189	105	P	V
		5438.44	42.22	-11.78	54	30.99	34.7	11.85	35.32	189	105	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	43.22	-24.98	68.2	47.71	37.48	17.6	59.57	100	0	P	H
		15570	46.42	-27.58	74	41.17	40.2	21.62	56.57	100	0	P	H
													H
		10380	43.72	-24.48	68.2	48.21	37.48	17.6	59.57	100	0	P	V
		15570	45.69	-28.31	74	40.44	40.2	21.62	56.57	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	43.96	-24.24	68.2	48.27	37.55	17.66	59.52	100	0	P	H
		15690	47.23	-26.77	74	41.74	40.55	21.69	56.75	100	0	P	H
													H
		10460	44.72	-23.48	68.2	49.03	37.55	17.66	59.52	100	0	P	V
		15690	46.17	-27.83	74	40.68	40.55	21.69	56.75	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.98	59.17	-14.83	74	48.9	34.4	11.29	35.42	189	10	P	H
		5149.76	53.46	-0.54	54	43.19	34.4	11.29	35.42	189	10	A	H
	*	5210	99.84	-	-	89.4	34.5	11.34	35.4	189	10	P	H
	*	5210	92.58	-	-	82.14	34.5	11.34	35.4	189	10	A	H
		5356.68	50.59	-23.41	74	39.95	34.5	11.49	35.35	189	10	P	H
		5355.84	48.91	-5.09	54	38.27	34.5	11.49	35.35	189	10	A	H
		5141.7	59	-15	74	48.73	34.4	11.29	35.42	176	101	P	V
		5150	52.28	-1.72	54	42.01	34.4	11.29	35.42	176	101	A	V
	*	5210	97.01	-	-	86.57	34.5	11.34	35.4	176	101	P	V
	*	5210	90.34	-	-	79.9	34.5	11.34	35.4	176	101	A	V
		5417.72	47.63	-26.37	74	36.73	34.7	11.53	35.33	176	101	P	V
		5362.28	41.98	-12.02	54	31.27	34.57	11.49	35.35	176	101	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.54	-23.66	68.2	48.94	37.52	17.63	59.55	100	0	P	H
		15630	46.04	-27.96	74	40.67	40.4	21.65	56.68	100	0	P	H
													H
		10420	43.74	-24.46	68.2	48.14	37.52	17.63	59.55	100	0	P	V
		15630	45.22	-28.78	74	39.85	40.4	21.65	56.68	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	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		5123.2	50.3	-23.7	74	39.83	34.37	11.53	35.43	158	10	P	H
		5145.6	42.75	-11.25	54	32.22	34.4	11.55	35.42	158	10	A	H
	*	5260	109.55	-	-	98.7	34.57	11.66	35.38	158	10	P	H
	*	5260	102.05	-	-	91.2	34.57	11.66	35.38	158	10	A	H
		5382.24	51.66	-22.34	74	40.58	34.63	11.79	35.34	158	10	P	H
		5351.04	43.29	-10.71	54	32.38	34.5	11.76	35.35	158	10	A	H
		5148.4	51.01	-22.99	74	40.47	34.4	11.56	35.42	200	99	P	V
		5138.25	42.34	-11.66	54	31.84	34.37	11.55	35.42	200	99	A	V
	*	5260	106.64	-	-	95.79	34.57	11.66	35.38	200	99	P	V
	*	5260	98.75	-	-	87.9	34.57	11.66	35.38	200	99	A	V
		5405.52	49.4	-24.6	74	38.21	34.7	11.82	35.33	200	99	P	V
		5350.32	41.51	-12.49	54	30.6	34.5	11.76	35.35	200	99	A	V
802.11a CH 60 5300MHz		5111.65	50.44	-23.56	74	40.02	34.33	11.52	35.43	192	8	P	H
		5148.4	42.35	-11.65	54	31.81	34.4	11.56	35.42	192	8	A	H
	*	5300	109.64	-	-	98.61	34.7	11.7	35.37	192	8	P	H
	*	5300	101.84	-	-	90.81	34.7	11.7	35.37	192	8	A	H
		5396.16	51.29	-22.71	74	40.12	34.7	11.81	35.34	192	8	P	H
		5351.04	43.87	-10.13	54	32.96	34.5	11.76	35.35	192	8	A	H
		5130.9	51.53	-22.47	74	41.05	34.37	11.54	35.43	172	113	P	V
		5145.6	41.67	-12.33	54	31.14	34.4	11.55	35.42	172	113	A	V
	*	5300	106.74	-	-	95.71	34.7	11.7	35.37	172	113	P	V
	*	5300	98.94	-	-	87.91	34.7	11.7	35.37	172	113	A	V
		5389.68	50.44	-23.56	74	39.35	34.63	11.8	35.34	172	113	P	V
		5352	41.93	-12.07	54	31.02	34.5	11.76	35.35	172	113	A	V

802.11a CH 64 5320MHz	*	5320	111.21	-	-	100.49	34.63	11.45	35.36	216	9	P	H
	*	5320	103.63	-	-	92.91	34.63	11.45	35.36	216	9	A	H
		5350.08	61.69	-12.31	74	51.05	34.5	11.49	35.35	216	9	P	H
		5350.08	50.6	-3.4	54	39.96	34.5	11.49	35.35	216	9	A	H
													H
	*	5320	108.4	-	-	97.68	34.63	11.45	35.36	181	117	P	V
	*	5320	100.93	-	-	90.21	34.63	11.45	35.36	181	117	A	V
		5350.4	60.34	-13.66	74	49.7	34.5	11.49	35.35	181	117	P	V
		5350.08	48.03	-5.97	54	37.39	34.5	11.49	35.35	181	117	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	43.1	-25.1	68.2	47.25	37.6	17.7	59.45	100	0	P	H
		15780	46.19	-27.81	74	40.79	40.53	21.75	56.88	100	0	P	H
													H
		10520	43.31	-24.89	68.2	47.46	37.6	17.7	59.45	100	0	P	V
		15780	46.09	-27.91	74	40.69	40.53	21.75	56.88	100	0	P	V
													V
802.11a CH 60 5300MHz		10600	43.56	-30.44	74	47.45	37.6	17.76	59.25	100	0	P	H
		15900	46.67	-27.33	74	41.1	40.8	21.83	57.06	100	0	P	H
													H
		10600	44.54	-29.46	74	48.43	37.6	17.76	59.25	100	0	P	V
		15900	47.87	-26.13	74	42.3	40.8	21.83	57.06	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	44.63	-29.37	74	48.38	37.63	17.79	59.17	100	0	P	H
		15960	44.93	-29.07	74	39.43	40.8	21.87	57.17	100	0	P	H
													H
		10640	44.1	-29.9	74	47.85	37.63	17.79	59.17	100	0	P	V
		15960	45.95	-28.05	74	40.45	40.8	21.87	57.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5143.85	50.47	-23.53	74	39.94	34.4	11.55	35.42	158	10	P	H
		5139.65	42.89	-11.11	54	32.36	34.4	11.55	35.42	158	10	A	H
	*	5260	108.65	-	-	97.8	34.57	11.66	35.38	158	10	P	H
	*	5260	100.95	-	-	90.1	34.57	11.66	35.38	158	10	A	H
		5366.64	50.62	-23.38	74	39.63	34.57	11.77	35.35	158	10	P	H
		5359.92	43.21	-10.79	54	32.29	34.5	11.77	35.35	158	10	A	H
		5115.5	49.92	-24.08	74	39.49	34.33	11.53	35.43	200	99	P	V
		5136.85	42.37	-11.63	54	31.87	34.37	11.55	35.42	200	99	A	V
	*	5260	106.15	-	-	95.3	34.57	11.66	35.38	200	99	P	V
	*	5260	98.45	-	-	87.6	34.57	11.66	35.38	200	99	A	V
		5354.88	49.5	-24.5	74	38.59	34.5	11.76	35.35	200	99	P	V
		5378.16	41.62	-12.38	54	30.54	34.63	11.79	35.34	200	99	A	V
802.11n HT20 CH 60 5300MHz		5130.2	50.76	-23.24	74	40.28	34.37	11.54	35.43	192	8	P	H
		5150	42.11	-11.89	54	31.57	34.4	11.56	35.42	192	8	A	H
	*	5300	109.02	-	-	97.99	34.7	11.7	35.37	192	8	P	H
	*	5300	100.94	-	-	89.91	34.7	11.7	35.37	192	8	A	H
		5353.2	51.54	-22.46	74	40.63	34.5	11.76	35.35	192	8	P	H
		5355.12	43.91	-10.09	54	33	34.5	11.76	35.35	192	8	A	H
		5031.15	50.41	-23.59	74	40.31	34.1	11.46	35.46	172	113	P	V
		5133	41.6	-12.4	54	31.11	34.37	11.54	35.42	172	113	A	V
	*	5300	105.74	-	-	94.71	34.7	11.7	35.37	172	113	P	V
	*	5300	98.1	-	-	87.07	34.7	11.7	35.37	172	113	A	V
		5447.04	49.72	-24.28	74	38.48	34.7	11.86	35.32	172	113	P	V
		5376.96	42.14	-11.86	54	31.12	34.57	11.79	35.34	172	113	A	V

802.11n HT20 CH 64 5320MHz	*	5320	109.1	-	-	98.1	34.63	11.73	35.36	206	9	P	H
	*	5320	101.03	-	-	90.03	34.63	11.73	35.36	206	9	A	H
		5350.4	54.6	-19.4	74	43.69	34.5	11.76	35.35	206	9	P	H
		5350.08	46.13	-7.87	54	35.22	34.5	11.76	35.35	206	9	A	H
													H
	*	5320	105.3	-	-	94.3	34.63	11.73	35.36	159	112	P	V
	*	5320	97.5	-	-	86.5	34.63	11.73	35.36	159	112	A	V
		5358.4	53.34	-20.66	74	42.42	34.5	11.77	35.35	159	112	P	V
		5350.24	44.13	-9.87	54	33.22	34.5	11.76	35.35	159	112	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	42.54	-25.66	68.2	46.69	37.6	17.7	59.45	100	0	P	H
		15780	46.19	-27.81	74	40.79	40.53	21.75	56.88	100	0	P	H
													H
		10520	43.48	-24.72	68.2	47.63	37.6	17.7	59.45	100	0	P	V
		15780	45.9	-28.1	74	40.5	40.53	21.75	56.88	100	0	P	V
													V
802.11n HT20 CH 60 5300MHz		10600	41.98	-32.02	74	45.87	37.6	17.76	59.25	100	0	P	H
		15900	47.17	-26.83	74	41.6	40.8	21.83	57.06	100	0	P	H
													H
		10600	42.44	-31.56	74	46.33	37.6	17.76	59.25	100	0	P	V
		15900	47.66	-26.34	74	42.09	40.8	21.83	57.06	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10640	43.22	-30.78	74	46.97	37.63	17.79	59.17	100	0	P	H
		15960	45.7	-28.3	74	40.2	40.8	21.87	57.17	100	0	P	H
													H
		10640	43.38	-30.62	74	47.13	37.63	17.79	59.17	100	0	P	V
		15960	45.43	-28.57	74	39.93	40.8	21.87	57.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5144.9	50.89	-23.11	74	40.36	34.4	11.55	35.42	154	10	P	H
		5144.9	43.31	-10.69	54	32.78	34.4	11.55	35.42	154	10	A	H
	*	5270	105.62	-	-	94.76	34.57	11.67	35.38	154	10	P	H
	*	5270	99.11	-	-	88.25	34.57	11.67	35.38	154	10	A	H
		5350.8	50.82	-23.18	74	39.91	34.5	11.76	35.35	154	10	P	H
		5357.76	44.49	-9.51	54	33.57	34.5	11.77	35.35	154	10	A	H
		5059.5	49.68	-24.32	74	39.48	34.17	11.48	35.45	387	270	P	V
		5143.15	42.39	-11.61	54	31.86	34.4	11.55	35.42	387	270	A	V
	*	5270	102.66	-	-	91.8	34.57	11.67	35.38	387	270	P	V
	*	5270	95.86	-	-	85	34.57	11.67	35.38	387	270	A	V
		5374.32	49.89	-24.11	74	38.88	34.57	11.78	35.34	387	270	P	V
		5377.2	42.46	-11.54	54	31.44	34.57	11.79	35.34	387	270	A	V
802.11n HT40 CH 62 5310MHz		5128.45	50.1	-23.9	74	39.92	34.37	11.24	35.43	211	8	P	H
		5149.1	42.66	-11.34	54	32.39	34.4	11.29	35.42	211	8	A	H
	*	5310	104.76	-	-	94.04	34.63	11.45	35.36	211	8	P	H
	*	5310	98.21	-	-	87.49	34.63	11.45	35.36	211	8	A	H
		5352.24	57.33	-16.67	74	46.69	34.5	11.49	35.35	211	8	P	H
		5351.76	51.95	-2.05	54	41.31	34.5	11.49	35.35	211	8	A	H
		5089.95	49.3	-24.7	74	39.26	34.3	11.18	35.44	381	267	P	V
		5131.95	41.38	-12.62	54	31.2	34.37	11.24	35.43	381	267	A	V
	*	5310	101.56	-	-	90.84	34.63	11.45	35.36	381	267	P	V
	*	5310	94.82	-	-	84.1	34.63	11.45	35.36	381	267	A	V
		5350.32	57.45	-16.55	74	46.81	34.5	11.49	35.35	381	267	P	V
		5352	47.96	-6.04	54	37.32	34.5	11.49	35.35	381	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	42.06	-26.14	68.2	46.16	37.6	17.71	59.41	100	0	P	H
		15810	45.21	-28.79	74	39.88	40.5	21.77	56.94	100	0	P	H
													H
		10540	42.21	-25.99	68.2	46.31	37.6	17.71	59.41	100	0	P	V
		15810	45.61	-28.39	74	40.28	40.5	21.77	56.94	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	42.69	-31.31	74	46.5	37.62	17.78	59.21	100	0	P	H
		15930	46.18	-27.82	74	40.65	40.8	21.85	57.12	100	0	P	H
													H
		10620	42.45	-31.55	74	46.26	37.62	17.78	59.21	100	0	P	V
		15930	46.8	-27.2	74	41.27	40.8	21.85	57.12	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5114.45	52.62	-21.38	74	42.19	34.33	11.53	35.43	199	10	P	H
		5149.45	47.31	-6.69	54	36.77	34.4	11.56	35.42	199	10	A	H
	*	5290	101.88	-	-	90.93	34.63	11.69	35.37	199	10	P	H
	*	5290	94	-	-	83.05	34.63	11.69	35.37	199	10	A	H
		5350.32	59.37	-14.63	74	48.46	34.5	11.76	35.35	199	10	P	H
		5350.32	53.21	-0.79	54	42.3	34.5	11.76	35.35	199	10	A	H
		5133	51.1	-22.9	74	40.61	34.37	11.54	35.42	196	115	P	V
		5149.45	44.67	-9.33	54	34.13	34.4	11.56	35.42	196	115	A	V
	*	5290	97.56	-	-	86.61	34.63	11.69	35.37	196	115	P	V
	*	5290	91.1	-	-	80.15	34.63	11.69	35.37	196	115	A	V
		5405.04	57.99	-16.01	74	46.8	34.7	11.82	35.33	196	115	P	V
		5350.08	50.61	-3.39	54	39.7	34.5	11.76	35.35	196	115	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	42.71	-25.49	68.2	46.65	37.6	17.75	59.29	100	0	P	H
		15870	47.55	-26.45	74	42.04	40.74	21.81	57.04	100	0	P	H
													H
		10580	41.77	-26.43	68.2	45.71	37.6	17.75	59.29	100	0	P	V
		15870	45.9	-28.1	74	40.39	40.74	21.81	57.04	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5449.04	52	-22	74	40.75	34.7	11.87	35.32	234	5	P	H
		5470	57.51	-10.69	68.2	46.13	34.8	11.89	35.31	234	5	P	H
		5459.6	44.29	-9.71	54	33.02	34.7	11.88	35.31	234	5	A	H
	*	5500	108.94	-	-	97.31	35	11.93	35.3	234	5	P	H
	*	5500	101.85	-	-	90.22	35	11.93	35.3	234	5	A	H
													H
		5376.56	50.94	-23.06	74	39.92	34.57	11.79	35.34	172	89	P	V
		5470	54.28	-13.92	68.2	42.9	34.8	11.89	35.31	172	89	P	V
		5460	43.26	-10.74	54	31.99	34.7	11.88	35.31	172	89	A	V
	*	5500	108.43	-	-	96.8	35	11.93	35.3	172	89	P	V
	*	5500	100.79	-	-	89.16	35	11.93	35.3	172	89	A	V
													V
802.11a CH 116 5580MHz		5422	50.92	-23.08	74	39.71	34.7	11.84	35.33	219	4	P	H
		5465.92	50.16	-18.04	68.2	38.78	34.8	11.89	35.31	219	4	P	H
		5458.72	42.69	-11.31	54	31.42	34.7	11.88	35.31	219	4	A	H
	*	5580	108.28	-	-	96.7	34.87	12.02	35.31	219	4	P	H
	*	5580	100.48	-	-	88.9	34.87	12.02	35.31	219	4	A	H
		5748.62	50.79	-17.41	68.2	38.82	35	12.29	35.32	219	4	P	H
		5453.44	51.41	-22.59	74	40.16	34.7	11.87	35.32	218	100	P	V
		5466.16	49.78	-18.42	68.2	38.4	34.8	11.89	35.31	218	100	P	V
		5452.72	42.16	-11.84	54	30.91	34.7	11.87	35.32	218	100	A	V
	*	5580	108.78	-	-	97.2	34.87	12.02	35.31	218	100	P	V
	*	5580	101.08	-	-	89.5	34.87	12.02	35.31	218	100	A	V
		5743.58	50.6	-17.6	68.2	38.64	35	12.28	35.32	218	100	P	V

802.11a CH 124 5620MHz		5425.25	49.52	-24.48	74	38.31	34.7	11.84	35.33	202	5	P	H
		5461.65	49.75	-18.45	68.2	38.48	34.7	11.88	35.31	202	5	P	H
		5457.1	42.35	-11.65	54	31.08	34.7	11.88	35.31	202	5	A	H
	*	5620	107.75	-	-	96.09	34.9	12.07	35.31	202	5	P	H
	*	5620	100.04	-	-	88.38	34.9	12.07	35.31	202	5	A	H
		5760.8	51.03	-17.17	68.2	39.05	35	12.31	35.33	202	5	P	H
		5418.6	48.46	-25.54	74	37.26	34.7	11.83	35.33	201	81	P	V
		5466.55	49.37	-18.83	68.2	37.99	34.8	11.89	35.31	201	81	P	V
		5456.75	41.84	-12.16	54	30.57	34.7	11.88	35.31	201	81	A	V
	*	5620	108.16	-	-	96.5	34.9	12.07	35.31	201	81	P	V
	*	5620	100.56	-	-	88.9	34.9	12.07	35.31	201	81	A	V
		5743.65	51.34	-16.86	68.2	39.38	35	12.28	35.32	201	81	P	V
802.11a CH 140 5700MHz	*	5700	106.49	-	-	94.61	35	12.2	35.32	200	360	P	H
	*	5700	98.92	-	-	87.04	35	12.2	35.32	200	360	A	H
		5725.4	54.65	-13.55	68.2	42.72	35	12.25	35.32	200	360	P	H
													H
	*	5700	107.99	-	-	96.11	35	12.2	35.32	188	90	P	V
	*	5700	100.29	-	-	88.41	35	12.2	35.32	188	90	A	V
		5728.92	55.25	-12.95	68.2	43.32	35	12.25	35.32	188	90	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	43.49	-30.51	74	45.86	37.9	18.05	58.32	100	0	P	H
		16500	47.88	-20.32	68.2	40.7	41.6	22.35	56.77	100	0	P	H
													H
		11000	44.54	-29.46	74	46.91	37.9	18.05	58.32	100	0	P	V
		16500	47.77	-20.43	68.2	40.59	41.6	22.35	56.77	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	43.71	-30.29	74	45.64	37.9	18.19	58.02	100	0	P	H
		16740	47.64	-20.56	68.2	39.21	42.36	22.57	56.5	100	0	P	H
													H
		11160	44.36	-29.64	74	46.29	37.9	18.19	58.02	100	0	P	V
		16740	46.87	-21.33	68.2	38.44	42.36	22.57	56.5	100	0	P	V
													V
802.11a CH 124 5620MHz		11240	45.36	-28.64	74	47.07	37.93	18.26	57.9	100	0	P	H
		16860	50.22	-17.98	68.2	41.61	42.3	22.67	56.36	100	0	P	H
													H
		11240	45.1	-28.9	74	46.81	37.93	18.26	57.9	100	0	P	V
		16860	50.41	-17.79	68.2	41.8	42.3	22.67	56.36	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	44.15	-29.85	74	45.26	38.1	18.4	57.61	100	0	P	H
		17100	48.95	-19.25	68.2	40.21	42	22.87	56.13	100	0	P	H
													H
		11400	43.77	-30.23	74	44.88	38.1	18.4	57.61	100	0	P	V
		17100	48.29	-19.91	68.2	39.55	42	22.87	56.13	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5433.2	51.73	-22.27	74	40.5	34.7	11.85	35.32	234	5	P	H
		5469.84	57.61	-10.59	68.2	46.23	34.8	11.89	35.31	234	5	P	H
		5460	44.29	-9.71	54	33.02	34.7	11.88	35.31	234	5	A	H
	*	5500	108.43	-	-	96.8	35	11.93	35.3	234	5	P	H
	*	5500	100.65	-	-	89.02	35	11.93	35.3	234	5	A	H
													H
		5434.96	51.87	-22.13	74	40.64	34.7	11.85	35.32	159	78	P	V
		5469.52	54.83	-13.37	68.2	43.45	34.8	11.89	35.31	159	78	P	V
		5459.76	43.66	-10.34	54	32.39	34.7	11.88	35.31	159	78	A	V
	*	5500	108.22	-	-	96.59	35	11.93	35.3	159	78	P	V
	*	5500	100.61	-	-	88.98	35	11.93	35.3	159	78	A	V
													V
802.11n HT20 CH 116 5580MHz		5414.56	50.61	-23.39	74	39.41	34.7	11.83	35.33	219	4	P	H
		5467.12	50.1	-18.1	68.2	38.72	34.8	11.89	35.31	219	4	P	H
		5453.92	41.95	-12.05	54	30.7	34.7	11.87	35.32	219	4	A	H
	*	5580	107.28	-	-	95.7	34.87	12.02	35.31	219	4	P	H
	*	5580	99.48	-	-	87.9	34.87	12.02	35.31	219	4	A	H
		5744.525	49.89	-18.31	68.2	37.93	35	12.28	35.32	219	4	P	H
		5447.44	49.26	-24.74	74	38.02	34.7	11.86	35.32	218	100	P	V
		5465.2	48.41	-19.79	68.2	37.04	34.8	11.88	35.31	218	100	P	V
		5458.96	41.56	-12.44	54	30.29	34.7	11.88	35.31	218	100	A	V
	*	5580	107.59	-	-	96.01	34.87	12.02	35.31	218	100	P	V
	*	5580	99.88	-	-	88.3	34.87	12.02	35.31	218	100	A	V
		5730.035	50.8	-17.4	68.2	38.87	35	12.25	35.32	218	100	P	V

802.11n HT20 CH 124 5620MHz		5435.05	49.39	-24.61	74	38.16	34.7	11.85	35.32	202	5	P	H
		5469.35	50.93	-17.27	68.2	39.55	34.8	11.89	35.31	202	5	P	H
		5458.5	42.36	-11.64	54	31.09	34.7	11.88	35.31	202	5	A	H
	*	5620	107.22	-	-	95.56	34.9	12.07	35.31	202	5	P	H
	*	5620	99.54	-	-	87.88	34.9	12.07	35.31	202	5	A	H
		5735.775	50.66	-17.54	68.2	38.72	35	12.26	35.32	202	5	P	H
		5438.9	49.24	-24.76	74	38.01	34.7	11.85	35.32	201	81	P	V
		5460	48.96	-19.24	68.2	37.69	34.7	11.88	35.31	201	81	P	V
		5458.85	41.73	-12.27	54	30.46	34.7	11.88	35.31	201	81	A	V
	*	5620	107.82	-	-	96.16	34.9	12.07	35.31	201	81	P	V
	*	5620	100.16	-	-	88.5	34.9	12.07	35.31	201	81	A	V
		5728.775	51.59	-16.61	68.2	39.66	35	12.25	35.32	201	81	P	V
802.11n HT20 CH 140 5700MHz	*	5700	106.43	-	-	94.55	35	12.2	35.32	200	0	P	H
	*	5700	98.79	-	-	86.91	35	12.2	35.32	200	0	A	H
		5726.84	60.13	-8.07	68.2	48.2	35	12.25	35.32	200	0	P	H
													H
	*	5700	107.65	-	-	95.77	35	12.2	35.32	188	90	P	V
	*	5700	99.99	-	-	88.11	35	12.2	35.32	188	90	A	V
		5727.56	59.3	-8.9	68.2	47.37	35	12.25	35.32	188	90	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	43.38	-30.62	74	45.75	37.9	18.05	58.32	100	0	P	H
		16500	47.06	-21.14	68.2	39.88	41.6	22.35	56.77	100	0	P	H
													H
		11000	43.48	-30.52	74	45.85	37.9	18.05	58.32	100	0	P	V
		16500	47.84	-20.36	68.2	40.66	41.6	22.35	56.77	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	43.24	-30.76	74	45.17	37.9	18.19	58.02	100	0	P	H
		16740	47.7	-20.5	68.2	39.27	42.36	22.57	56.5	100	0	P	H
													H
		11160	44	-30	74	45.93	37.9	18.19	58.02	100	0	P	V
		16740	47.28	-20.92	68.2	38.85	42.36	22.57	56.5	100	0	P	V
													V
802.11n HT20 CH 124 5620MHz		11240	46.05	-27.95	74	47.76	37.93	18.26	57.9	100	0	P	H
		16860	49.86	-18.34	68.2	41.25	42.3	22.67	56.36	100	0	P	H
													H
		11240	45.63	-28.37	74	47.34	37.93	18.26	57.9	100	0	P	V
		16860	49.73	-18.47	68.2	41.12	42.3	22.67	56.36	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	43.63	-30.37	74	44.74	38.1	18.4	57.61	100	0	P	H
		17100	49.28	-18.92	68.2	40.54	42	22.87	56.13	100	0	P	H
													H
		11400	43.75	-30.25	74	44.86	38.1	18.4	57.61	100	0	P	V
		17100	48.92	-19.28	68.2	40.18	42	22.87	56.13	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5459.92	58.31	-15.69	74	47.04	34.7	11.88	35.31	241	5	P	H
		5470	66.61	-1.59	68.2	55.23	34.8	11.89	35.31	241	5	P	H
		5459.92	51.17	-2.83	54	39.9	34.7	11.88	35.31	241	5	A	H
	*	5510	104.38	-	-	92.74	35	11.94	35.3	241	5	P	H
	*	5510	98.33	-	-	86.69	35	11.94	35.3	241	5	A	H
		5750.825	49.33	-18.87	68.2	37.37	35	12.29	35.33	241	5	P	H
		5458.24	57.92	-16.08	74	46.65	34.7	11.88	35.31	164	91	P	V
		5469.76	65.49	-2.71	68.2	54.11	34.8	11.89	35.31	164	91	P	V
		5459.44	50.68	-3.32	54	39.41	34.7	11.88	35.31	164	91	A	V
	*	5510	104.52	-	-	92.88	35	11.94	35.3	164	91	P	V
	*	5510	98.47	-	-	86.83	35	11.94	35.3	164	91	A	V
		5746.1	49.8	-18.4	68.2	37.84	35	12.28	35.32	164	91	P	V
802.11n HT40 CH 110 5550MHz		5457.04	52.72	-21.28	74	41.45	34.7	11.88	35.31	239	5	P	H
		5466.64	52.92	-15.28	68.2	41.54	34.8	11.89	35.31	239	5	P	H
		5459.44	44.05	-9.95	54	32.78	34.7	11.88	35.31	239	5	A	H
	*	5548	104.37	-	-	92.89	34.8	11.98	35.3	239	5	P	H
	*	5548	98.24	-	-	86.76	34.8	11.98	35.3	239	5	A	H
		5741.69	49.03	-19.17	68.2	37.08	35	12.27	35.32	239	5	P	H
		5456.08	50.98	-23.02	74	39.72	34.7	11.87	35.31	162	82	P	V
		5467.6	51.95	-16.25	68.2	40.57	34.8	11.89	35.31	162	82	P	V
		5456.08	43.6	-10.4	54	32.34	34.7	11.87	35.31	162	82	A	V
	*	5550	104.18	-	-	92.71	34.8	11.98	35.31	162	82	P	V
	*	5550	98.26	-	-	86.79	34.8	11.98	35.31	162	82	A	V
		5756.18	48.74	-19.46	68.2	36.77	35	12.3	35.33	162	82	P	V

802.11n HT40 CH 126 5630MHz		5419.3	49.36	-24.64	74	38.16	34.7	11.83	35.33	202	3	P	H
		5467.95	49.06	-19.14	68.2	37.68	34.8	11.89	35.31	202	3	P	H
		5458.85	42.74	-11.26	54	31.47	34.7	11.88	35.31	202	3	A	H
	*	5630	103.46	-	-	91.78	34.9	12.09	35.31	202	3	P	H
	*	5630	97.73	-	-	86.05	34.9	12.09	35.31	202	3	A	H
		5738.4	50.85	-17.35	68.2	38.9	35	12.27	35.32	202	3	P	H
		5355.6	49.85	-24.15	74	38.94	34.5	11.76	35.35	215	90	P	V
		5460.6	49.09	-19.11	68.2	37.82	34.7	11.88	35.31	215	90	P	V
		5459.55	42.47	-11.53	54	31.2	34.7	11.88	35.31	215	90	A	V
	*	5630	104.32	-	-	92.64	34.9	12.09	35.31	215	90	P	V
	*	5630	98.08	-	-	86.4	34.9	12.09	35.31	215	90	A	V
		5728.425	52.07	-16.13	68.2	40.14	35	12.25	35.32	215	90	P	V
802.11n HT40 CH 134 5670MHz		5373.1	48.11	-25.89	74	37.1	34.57	11.78	35.34	212	2	P	H
		5463.75	48.85	-19.35	68.2	37.48	34.8	11.88	35.31	212	2	P	H
		5458.5	41.61	-12.39	54	30.34	34.7	11.88	35.31	212	2	A	H
	*	5670	103.13	-	-	91.44	34.85	12.16	35.32	212	2	P	H
	*	5670	96.65	-	-	84.96	34.85	12.16	35.32	212	2	A	H
		5748.55	51.61	-16.59	68.2	39.64	35	12.29	35.32	212	2	P	H
		5379.05	48.8	-25.2	74	37.72	34.63	11.79	35.34	211	96	P	V
		5465.5	48.48	-19.72	68.2	37.1	34.8	11.89	35.31	211	96	P	V
		5458.85	41.81	-12.19	54	30.54	34.7	11.88	35.31	211	96	A	V
	*	5670	104.31	-	-	92.62	34.85	12.16	35.32	211	96	P	V
	*	5670	98.09	-	-	86.4	34.85	12.16	35.32	211	96	A	V
		5734.375	53.74	-14.46	68.2	41.8	35	12.26	35.32	211	96	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	44.12	-29.88	74	46.45	37.9	18.06	58.29	100	0	P	H
		16530	47.07	-21.13	68.2	39.75	41.67	22.38	56.73	100	0	P	H
													H
		11020	43.73	-30.27	74	46.06	37.9	18.06	58.29	100	0	P	V
		16530	46.96	-21.24	68.2	39.64	41.67	22.38	56.73	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	43.92	-30.08	74	46.03	37.9	18.13	58.14	100	0	P	H
		16650	47.48	-20.72	68.2	39.5	42.1	22.48	56.6	100	0	P	H
													H
		11100	43.53	-30.47	74	45.64	37.9	18.13	58.14	100	0	P	V
		16650	45.85	-22.35	68.2	37.87	42.1	22.48	56.6	100	0	P	V
													V
802.11n HT40 CH 126 5630MHz		11260	46.06	-27.94	74	47.66	37.97	18.28	57.85	100	0	P	H
		16890	49.6	-18.6	68.2	40.93	42.3	22.7	56.33	100	0	P	H
													H
		11260	45.21	-28.79	74	46.81	37.97	18.28	57.85	100	0	P	V
		16890	49.01	-19.19	68.2	40.34	42.3	22.7	56.33	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	45.16	-28.84	74	46.51	38.03	18.35	57.73	100	0	P	H
		17010	50.28	-17.92	68.2	41.5	42.17	22.81	56.2	100	0	P	H
													H
		11340	45.16	-28.84	74	46.51	38.03	18.35	57.73	100	0	P	V
		17010	49.73	-18.47	68.2	40.95	42.17	22.81	56.2	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5456.08	58.48	-15.52	74	47.53	34.7	11.56	35.31	214	4	P	H
		5468.56	60.72	-7.48	68.2	49.64	34.8	11.59	35.31	214	4	P	H
		5457.76	53.16	-0.84	54	42.21	34.7	11.56	35.31	214	4	A	H
	*	5530	97.81	-	-	86.56	34.93	11.62	35.3	214	4	P	H
	*	5530	91.9	-	-	80.65	34.93	11.62	35.3	214	4	A	H
		5756.18	48.02	-20.18	68.2	36.47	35	11.88	35.33	214	4	P	H
		5428.96	60.47	-13.53	74	49.53	34.7	11.56	35.32	200	91	P	V
		5468.8	61.45	-6.75	68.2	50.37	34.8	11.59	35.31	200	91	P	V
		5457.52	51.74	-2.26	54	40.79	34.7	11.56	35.31	200	91	A	V
	*	5530	97.45	-	-	86.2	34.93	11.62	35.3	200	91	P	V
	*	5530	91.64	-	-	80.39	34.93	11.62	35.3	200	91	A	V
		5739.485	48.57	-19.63	68.2	37.06	35	11.83	35.32	200	91	P	V
802.11ac VHT80 CH 122 5610MHz		5440.3	51.4	-22.6	74	40.16	34.7	11.86	35.32	210	7	P	H
		5461.65	50.6	-17.6	68.2	39.33	34.7	11.88	35.31	210	7	P	H
		5455.35	46.28	-7.72	54	35.03	34.7	11.87	35.32	210	7	A	H
	*	5610	100.71	-	-	88.96	35	12.06	35.31	210	7	P	H
	*	5610	94	-	-	82.25	35	12.06	35.31	210	7	A	H
		5726.325	51.71	-16.49	68.2	39.78	35	12.25	35.32	210	7	P	H
		5452.55	50.34	-23.66	74	39.09	34.7	11.87	35.32	201	90	P	V
		5467.95	50.51	-17.69	68.2	39.13	34.8	11.89	35.31	201	90	P	V
		5457.45	44.35	-9.65	54	33.08	34.7	11.88	35.31	201	90	A	V
	*	5610	100.49	-	-	88.74	35	12.06	35.31	201	90	P	V
	*	5610	92.63	-	-	80.88	35	12.06	35.31	201	90	A	V
		5725	53.59	-14.61	68.2	41.66	35	12.25	35.32	201	90	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	45.03	-28.97	74	47.23	37.9	18.1	58.2	100	0	P	H
		16590	47.12	-21.08	68.2	39.59	41.77	22.43	56.67	100	0	P	H
													H
		11060	45.99	-28.01	74	48.19	37.9	18.1	58.2	100	0	P	V
		16590	48.07	-20.13	68.2	40.54	41.77	22.43	56.67	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	45.38	-28.62	74	47.15	37.92	18.24	57.93	100	0	P	H
		16830	50.16	-18.04	68.2	41.61	42.3	22.65	56.4	100	0	P	H
													H
		11220	45.46	-28.54	74	47.23	37.92	18.24	57.93	100	0	P	V
		16830	49.51	-18.69	68.2	40.96	42.3	22.65	56.4	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5365.99	48.31	-25.69	74	37.32	34.57	11.77	35.35	206	2	P	H
		5468.17	48.21	-19.99	68.2	36.83	34.8	11.89	35.31	206	2	P	H
		5459.98	40.51	-13.49	54	29.24	34.7	11.88	35.31	206	2	A	H
	*	5722	106.75	-	-	94.83	35	12.24	35.32	206	2	P	H
	*	5722	99.1	-	-	87.18	35	12.24	35.32	206	2	A	H
		5878.25	51.19	-17.01	68.2	38.99	35.13	12.41	35.34	206	2	P	H
		5447.11	48.86	-25.14	74	37.62	34.7	11.86	35.32	200	96	P	V
		5468.17	48.4	-19.8	68.2	37.02	34.8	11.89	35.31	200	96	P	V
		5458.81	40.47	-13.53	54	29.2	34.7	11.88	35.31	200	96	A	V
	*	5720	108.12	-	-	96.2	35	12.24	35.32	200	96	P	V
	*	5720	100.77	-	-	88.85	35	12.24	35.32	200	96	A	V
		5868.75	51.49	-16.71	68.2	39.36	35.07	12.4	35.34	200	96	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. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	46.3	-27.7	74	47.28	38.13	18.44	57.55	100	0	P	H
		17160	50.31	-17.89	68.2	41.75	41.73	22.91	56.08	100	0	P	H
													H
		11440	46.97	-27.03	74	47.95	38.13	18.44	57.55	100	0	P	V
		17160	50.88	-17.32	68.2	42.32	41.73	22.91	56.08	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5414.74	49.52	-24.48	74	38.32	34.7	11.83	35.33	206	2	P	H
		5468.95	47.87	-20.33	68.2	36.49	34.8	11.89	35.31	206	2	P	H
		5459.59	40.7	-13.3	54	29.43	34.7	11.88	35.31	206	2	A	H
	*	5720	106.42	-	-	94.5	35	12.24	35.32	206	2	P	H
	*	5720	98.72	-	-	86.8	35	12.24	35.32	206	2	A	H
		5877.5	50.59	-17.61	68.2	38.39	35.13	12.41	35.34	206	2	P	H
		5448.67	48.5	-25.5	74	37.25	34.7	11.87	35.32	200	96	P	V
		5469.34	48.26	-19.94	68.2	36.88	34.8	11.89	35.31	200	96	P	V
		5458.42	40.6	-13.4	54	29.33	34.7	11.88	35.31	200	96	A	V
	*	5720	107.37	-	-	95.45	35	12.24	35.32	200	96	P	V
	*	5720	100.12	-	-	88.2	35	12.24	35.32	200	96	A	V
		5896.25	51.19	-17.01	68.2	38.91	35.2	12.42	35.34	200	96	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	45.97	-28.03	74	46.95	38.13	18.44	57.55	100	0	P	H
		17160	50.03	-18.17	68.2	41.47	41.73	22.91	56.08	100	0	P	H
													H
		11440	46.11	-27.89	74	47.09	38.13	18.44	57.55	100	0	P	V
		17160	50.32	-17.88	68.2	41.76	41.73	22.91	56.08	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5395.63	48.73	-25.27	74	37.56	34.7	11.81	35.34	202	2	P	H
		5460.76	48.33	-19.87	68.2	37.06	34.7	11.88	35.31	202	2	P	H
		5456.47	41.17	-12.83	54	29.91	34.7	11.87	35.31	202	2	A	H
	*	5710	103.11	-	-	91.21	35	12.22	35.32	202	2	P	H
	*	5710	96.6	-	-	84.7	35	12.22	35.32	202	2	A	H
		5851	51.05	-17.15	68.2	38.99	35	12.4	35.34	202	2	P	H
		5435.41	49.09	-24.91	74	37.86	34.7	11.85	35.32	201	95	P	V
		5467.78	49.24	-18.96	68.2	37.86	34.8	11.89	35.31	201	95	P	V
		5452.96	41.08	-12.92	54	29.83	34.7	11.87	35.32	201	95	A	V
	*	5710	105.01	-	-	93.11	35	12.22	35.32	201	95	P	V
	*	5710	98.48	-	-	86.58	35	12.22	35.32	201	95	A	V
		5871.75	51.35	-16.85	68.2	39.15	35.13	12.41	35.34	201	95	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	46.61	-27.39	74	47.65	38.12	18.42	57.58	100	0	P	H
		17130	49.75	-18.45	68.2	41.1	41.87	22.89	56.11	100	0	P	H
													H
		11420	45.76	-28.24	74	46.8	38.12	18.42	57.58	100	0	P	V
		17130	49.47	-18.73	68.2	40.82	41.87	22.89	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5415.52	48.53	-25.47	74	37.33	34.7	11.83	35.33	197	2	P	H
		5460.37	47.38	-20.82	68.2	36.11	34.7	11.88	35.31	197	2	P	H
		5432.29	41.59	-12.41	54	30.36	34.7	11.85	35.32	197	2	A	H
	*	5690	100.06	-	-	88.19	35	12.19	35.32	197	2	P	H
	*	5690	93.54	-	-	81.67	35	12.19	35.32	197	2	A	H
		5942	50.27	-17.93	68.2	37.97	35.2	12.44	35.34	197	2	P	H
		5424.1	49.36	-24.64	74	38.15	34.7	11.84	35.33	207	94	P	V
		5468.95	48.99	-19.21	68.2	37.61	34.8	11.89	35.31	207	94	P	V
		5427.22	41.75	-12.25	54	30.53	34.7	11.84	35.32	207	94	A	V
	*	5680	101.17	-	-	89.47	34.85	12.17	35.32	207	94	P	V
	*	5690	94.47	-	-	82.6	35	12.19	35.32	207	94	A	V
		5866.75	51.25	-16.95	68.2	39.12	35.07	12.4	35.34	207	94	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	46.51	-27.49	74	47.69	38.08	18.38	57.64	100	0	P	H
		17070	49.25	-18.95	68.2	40.5	42.07	22.84	56.16	100	0	P	H
													H
		11380	45.17	-28.83	74	46.35	38.08	18.38	57.64	100	0	P	V
		17070	49.53	-18.67	68.2	40.78	42.07	22.84	56.16	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ac VHT80 (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.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 LF		76.44	29.62	-10.38	40	45.08	12.93	1.6	29.99	100	0	P	H
		158.79	30.38	-13.12	43.5	41.45	16.62	2.22	29.91	-	-	P	H
		234.66	33.3	-12.7	46	43.93	16.66	2.53	29.82	-	-	P	H
		746.6	32.15	-13.85	46	29.52	27.73	4.35	29.45	-	-	P	H
		869.1	32.4	-13.6	46	27.58	28.97	4.89	29.04	-	-	P	H
		955.9	33.36	-12.64	46	26.14	30.69	5.06	28.53	-	-	P	H
													H
		30.27	28.68	-11.32	40	32.86	24.6	1.2	29.98	-	-	P	V
		34.05	32.19	-7.81	40	38.4	22.57	1.2	29.98	100	0	P	V
		76.44	29.2	-10.8	40	44.66	12.93	1.6	29.99	-	-	P	V
		783	30.79	-15.21	46	27.61	27.98	4.53	29.33	-	-	P	V
		874	32.22	-13.78	46	27.41	28.94	4.89	29.02	-	-	P	V
		957.3	33	-13	46	25.7	30.75	5.06	28.51	-	-	P	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.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

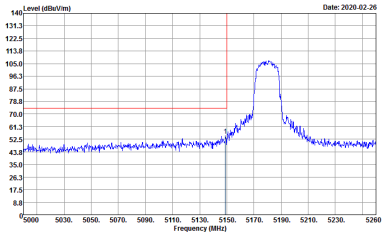
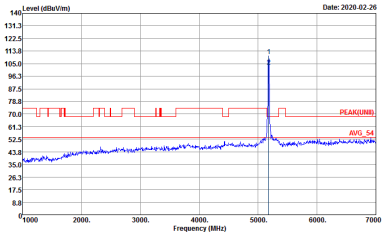
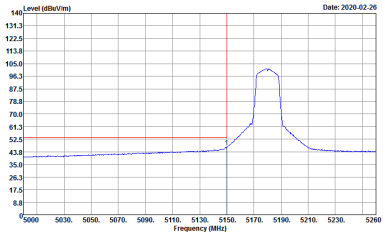
Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu, and Nick Yu	**Temperature :**	21~23°C
		Relative Humidity :	49~53%

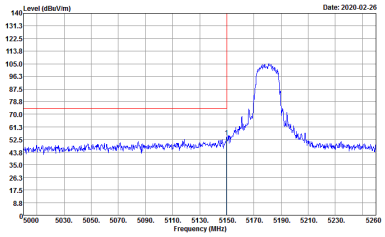
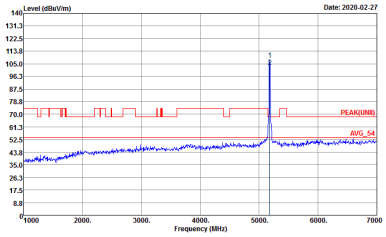
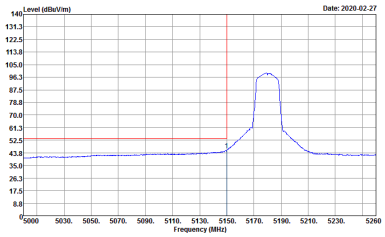
Note symbol

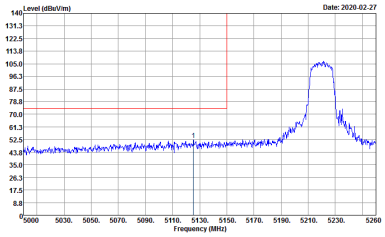
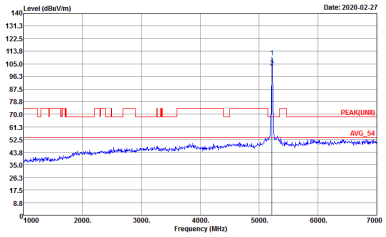
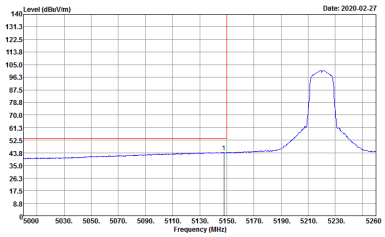
-L	**Low channel location**
-R	**High channel location**

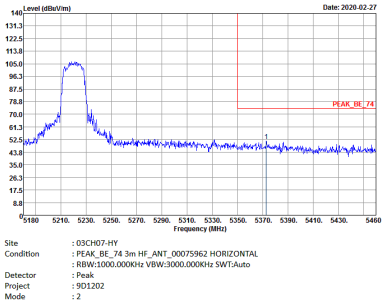
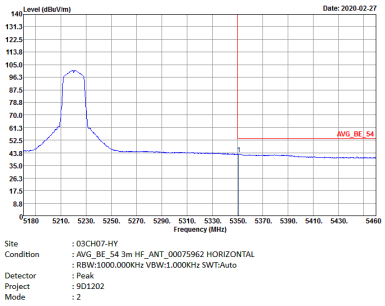
Band 1 - 5150~5250MHz

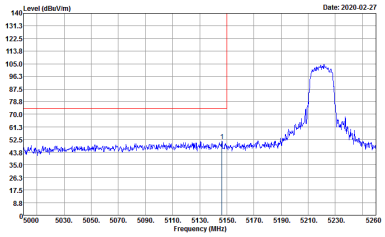
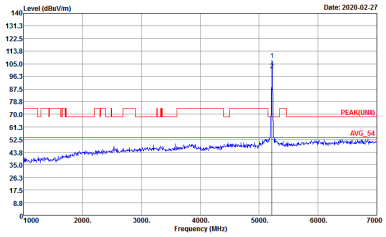
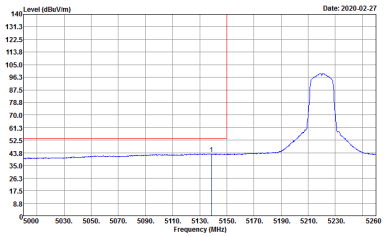
WIFI 802.11a (Band Edge @ 3m)

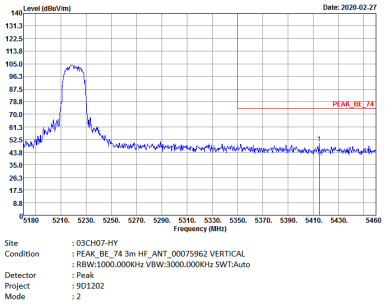
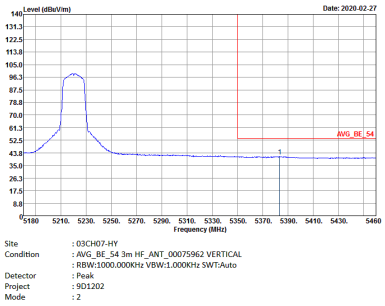
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 1	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 1	Left blank

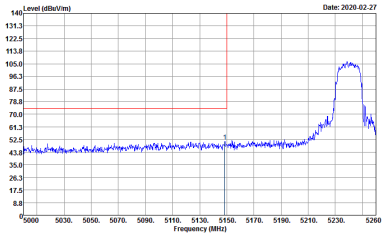
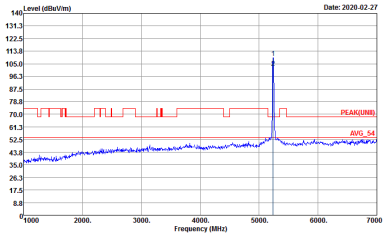
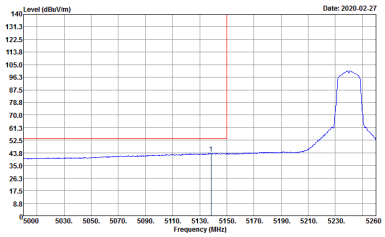
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 1	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 1	Left blank

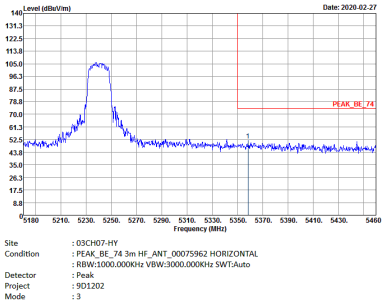
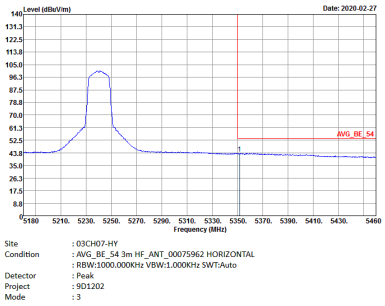
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 2	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 2	Left blank

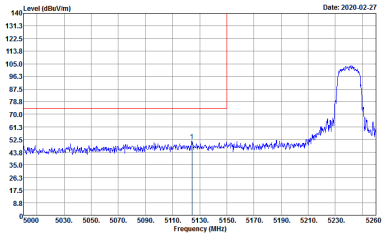
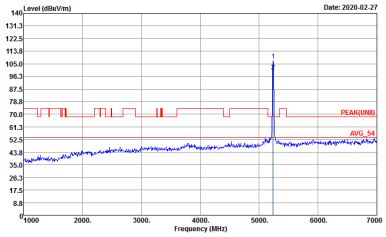
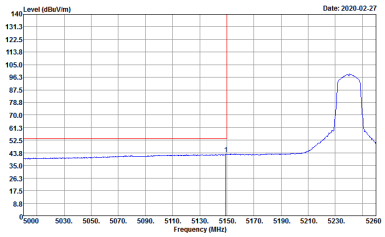
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

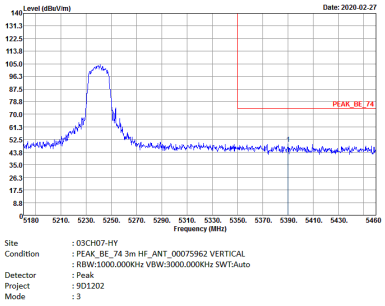
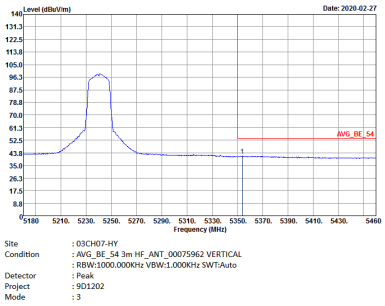
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 2	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 2	Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 3	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 3	Left blank

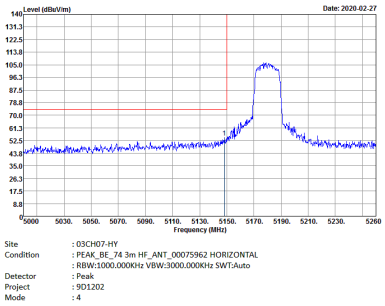
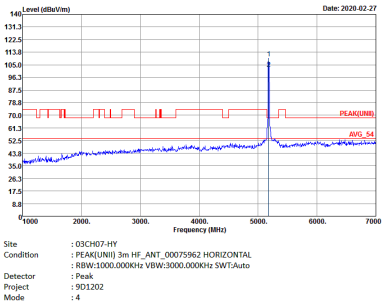
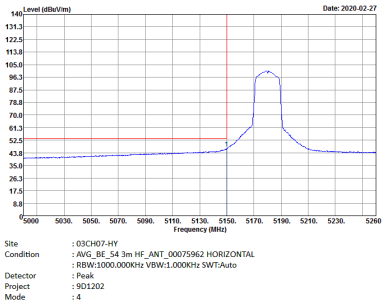
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

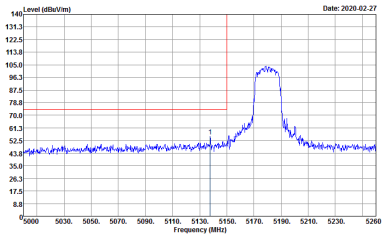
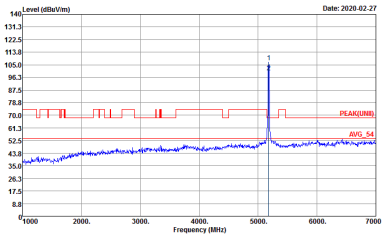
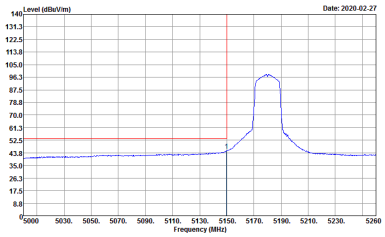
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 3	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 3	Left blank

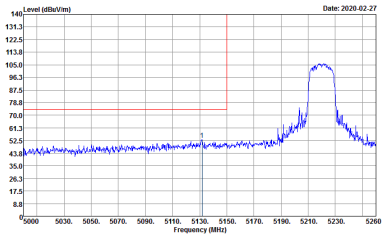
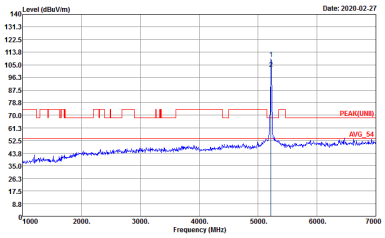
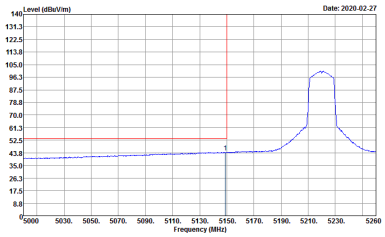
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

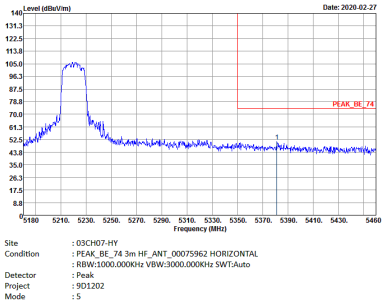
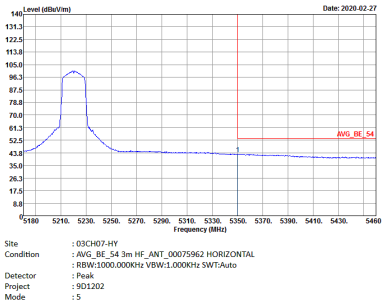
Band 1 5150~5250MHz

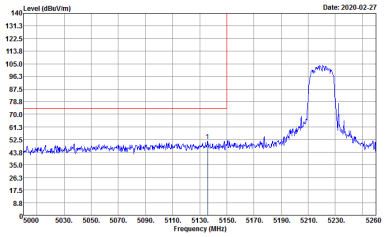
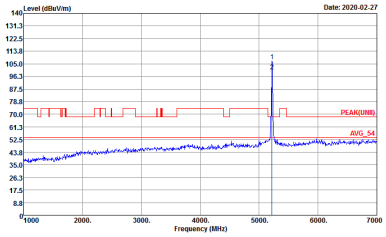
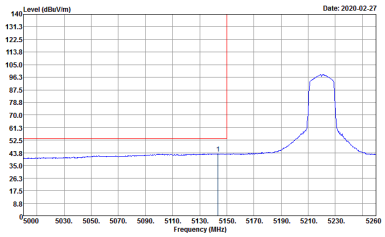
WIFI 802.11n HT20 (Band Edge @ 3m)

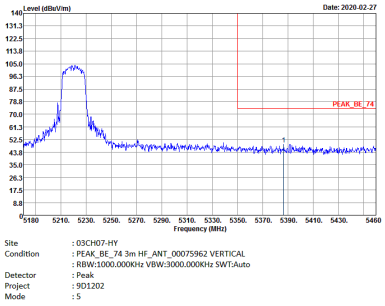
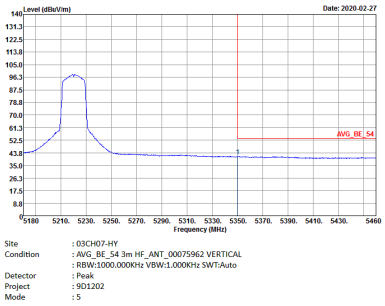
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

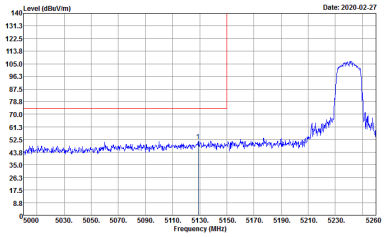
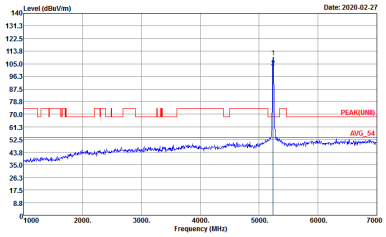
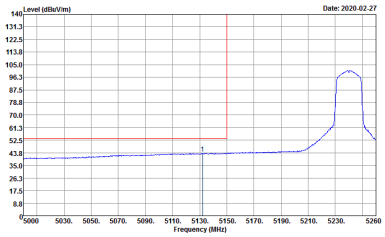
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 4	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 4
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 4	Left blank

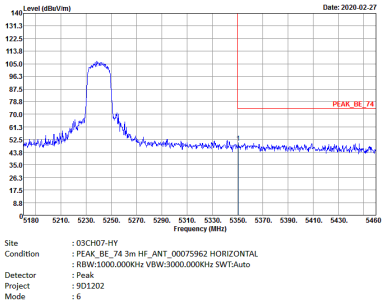
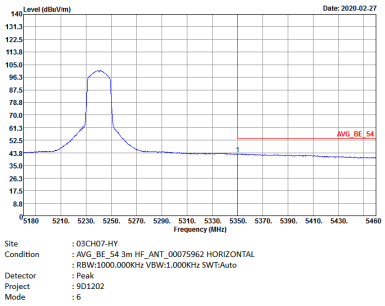
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 5	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 5	Left blank

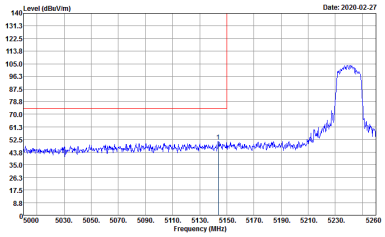
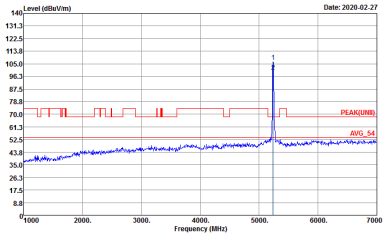
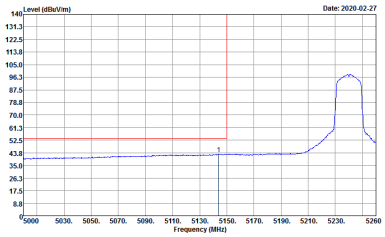
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

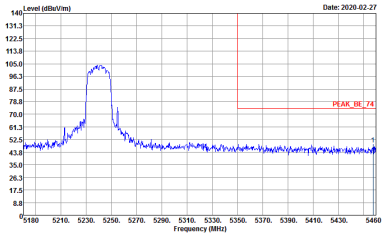
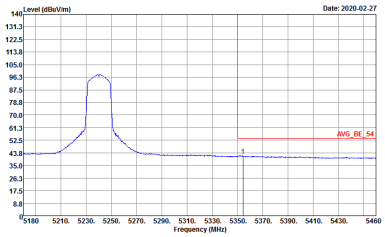
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 5	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6	Left blank

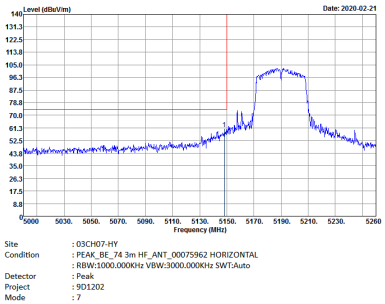
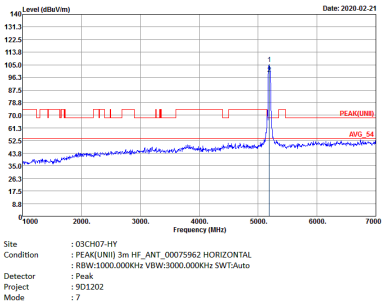
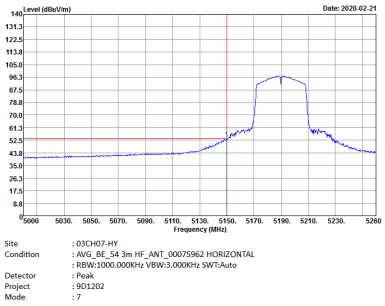
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

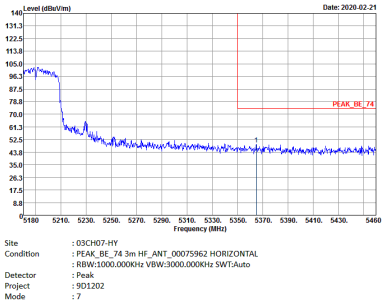
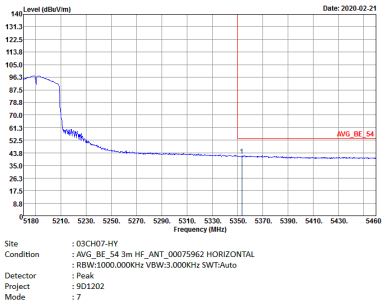
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6	Left blank

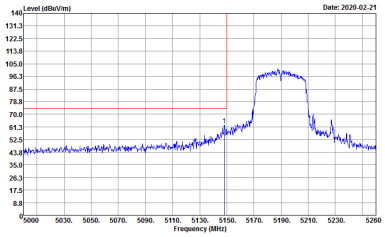
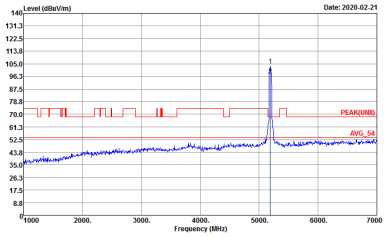
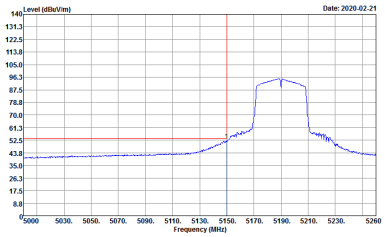
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 6	Left blank

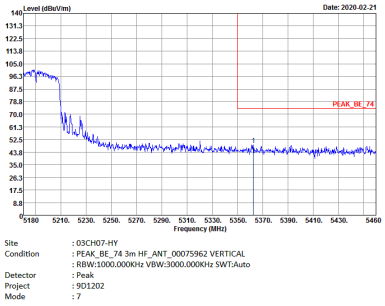
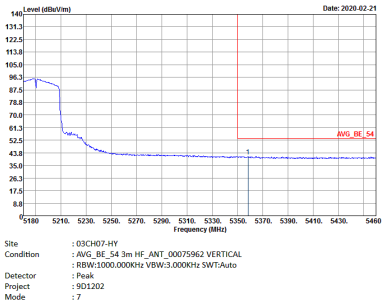
Band 1 5150~5250MHz

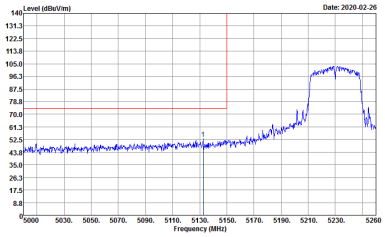
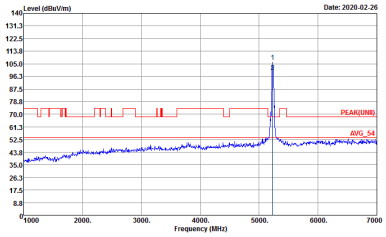
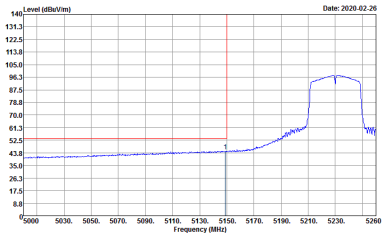
WIFI 802.11n HT40 (Band Edge @ 3m)

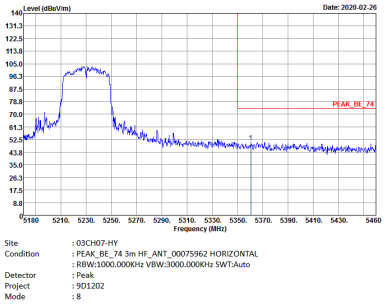
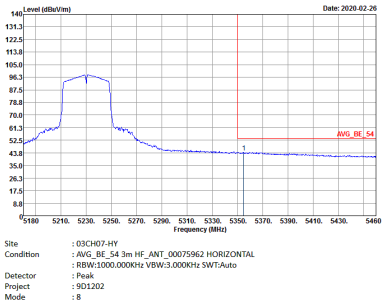
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

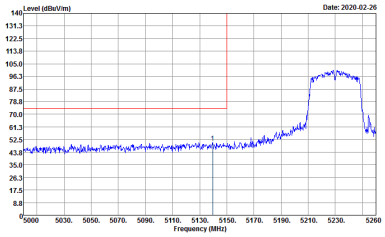
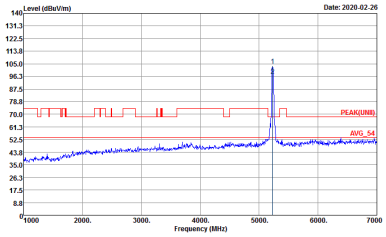
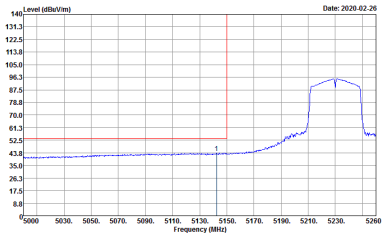
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

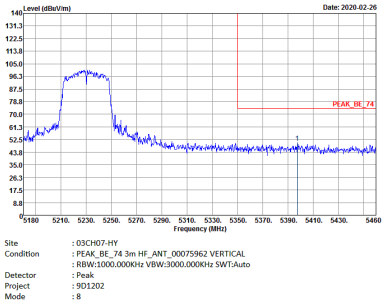
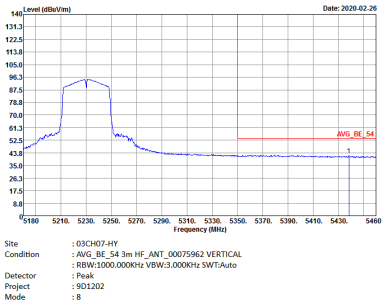
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 7	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 7
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 7	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

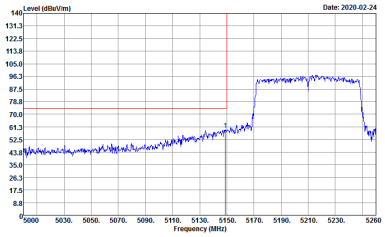
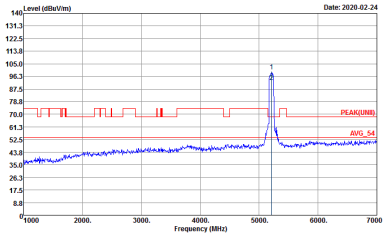
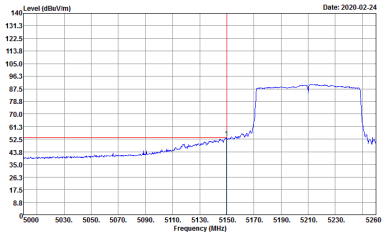
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 8	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 8
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 8	Left blank

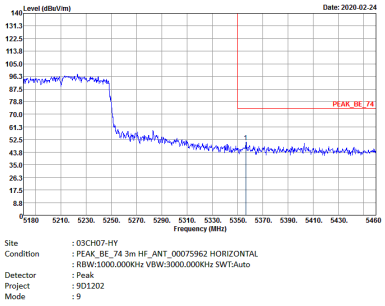
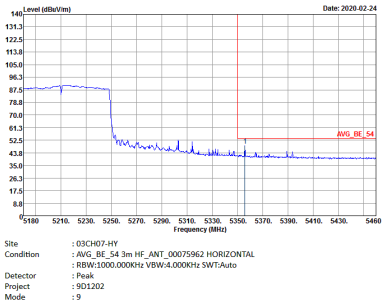
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

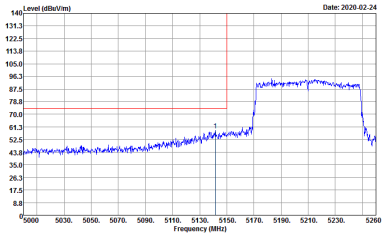
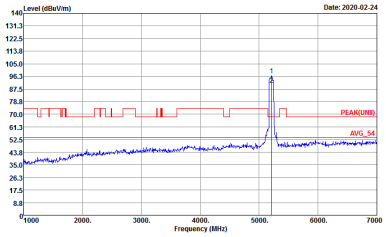
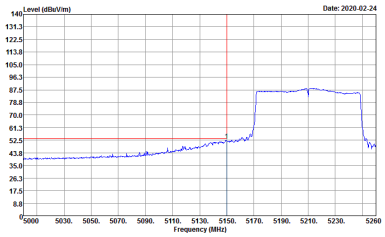
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 8	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 8
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 8	Left blank

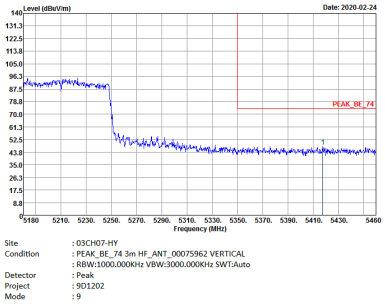
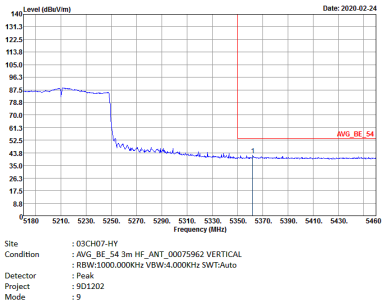
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

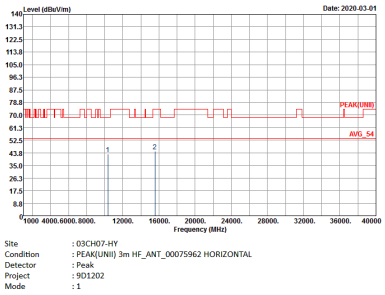
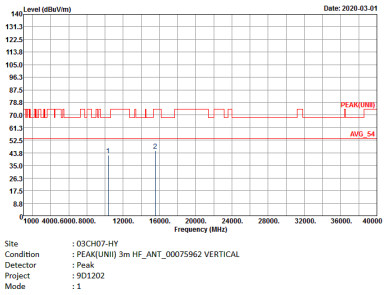
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

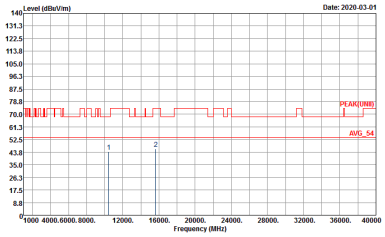
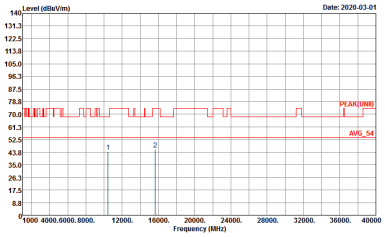
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 9	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:4.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 9	Left blank

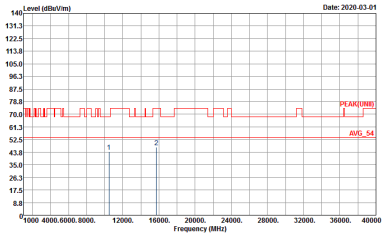
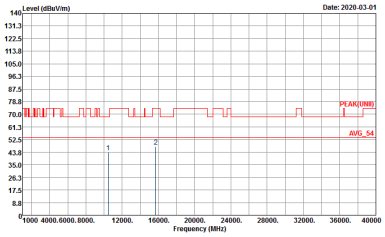
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

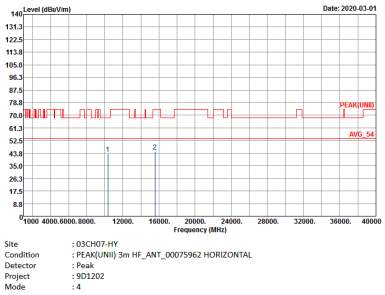
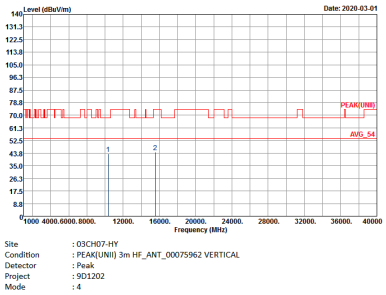
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 	

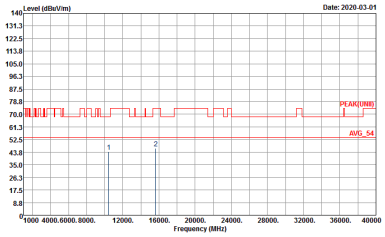
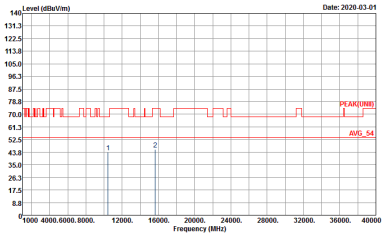
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 2	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 2

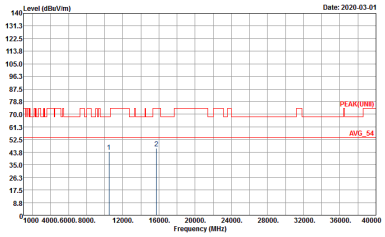
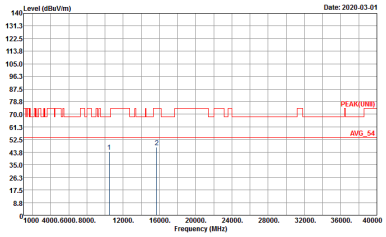
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 3	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 3

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

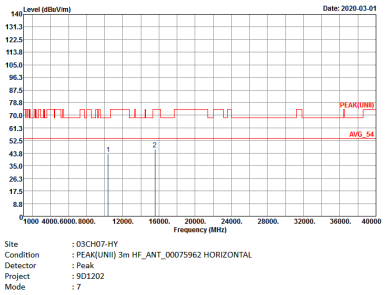
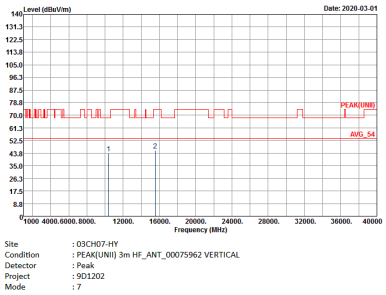
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

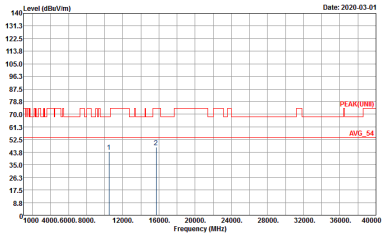
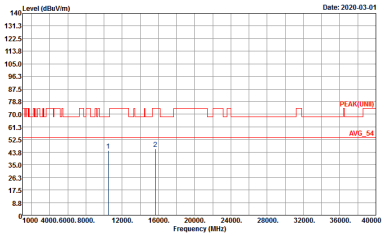
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 5	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 5

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 6	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 6

Band 1 5150~5250MHz

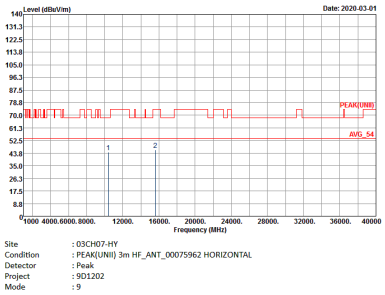
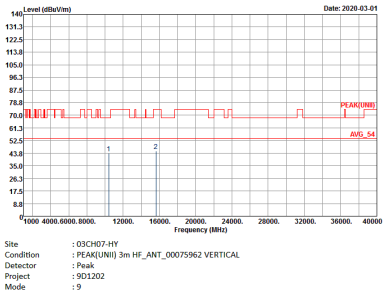
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 8	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 8

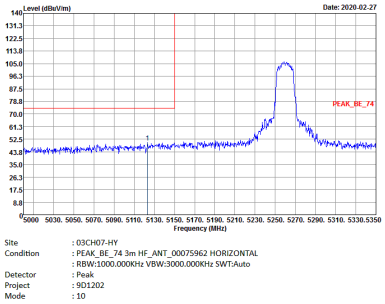
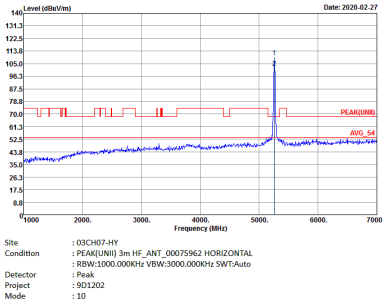
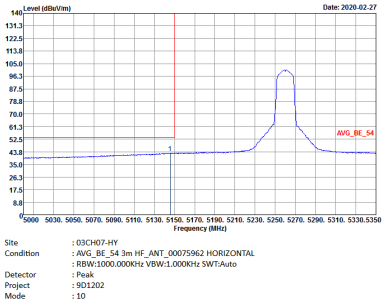
Band 1 5150~5250MHz

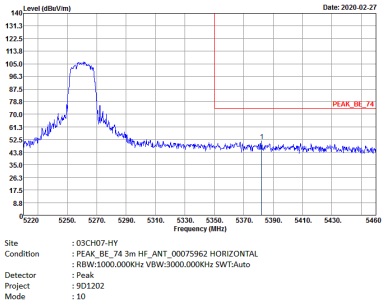
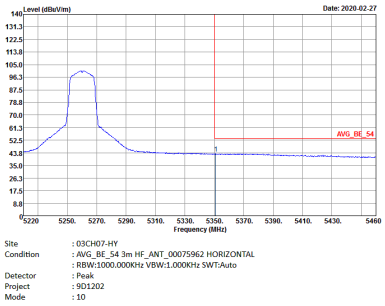
WIFI 802.11ac VHT80 (Harmonic @ 3m)

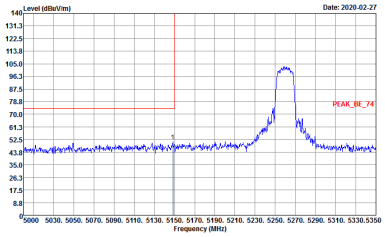
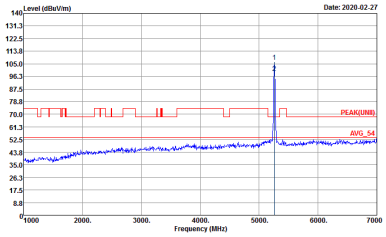
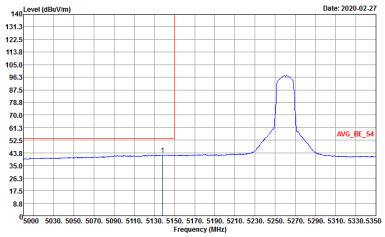
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

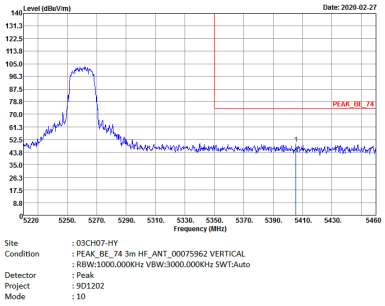
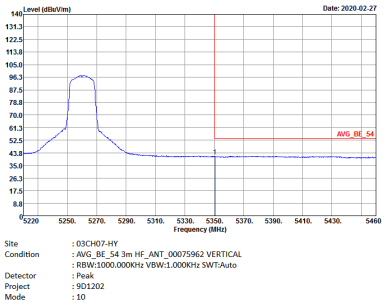
Band 2 - 5250~5350MHz

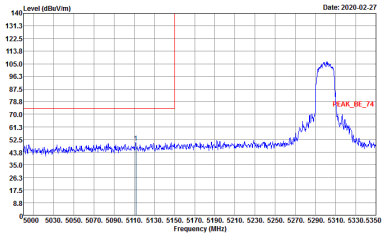
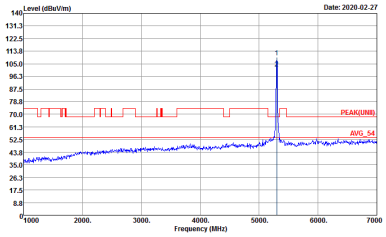
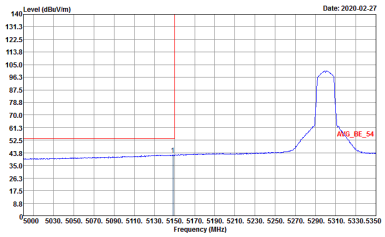
WIFI 802.11a (Band Edge @ 3m)

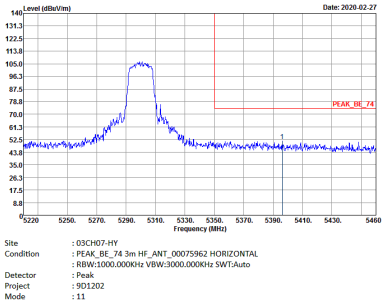
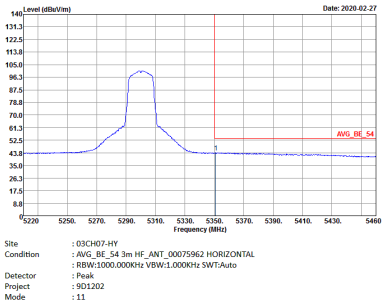
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

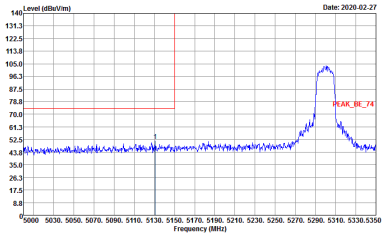
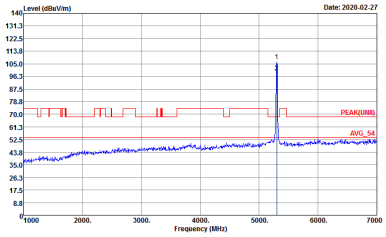
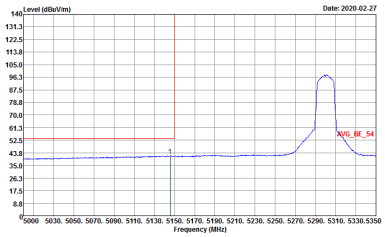
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

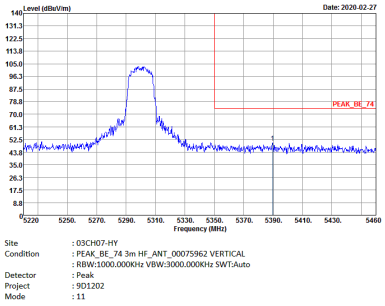
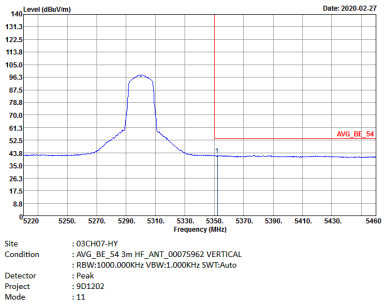
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 10	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 10	Left blank

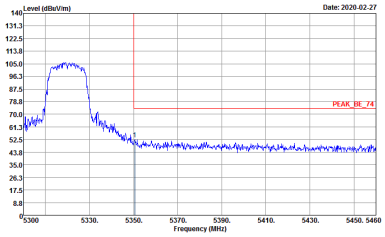
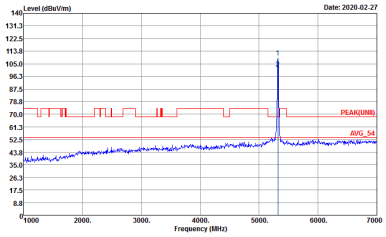
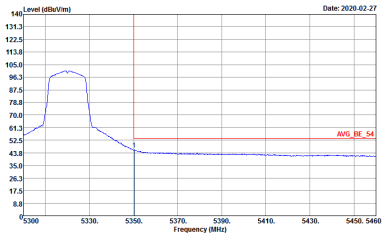
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

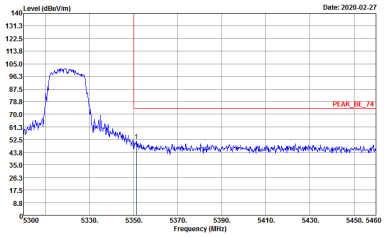
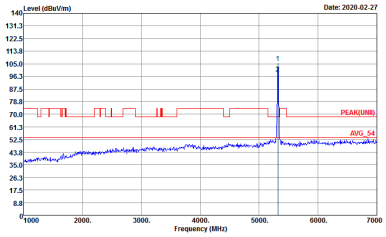
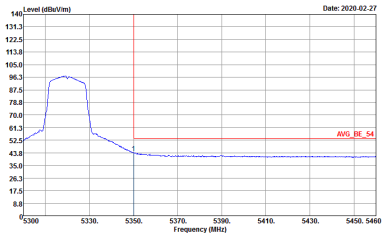
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 11	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 11	Left blank

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 11	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 11	Left blank

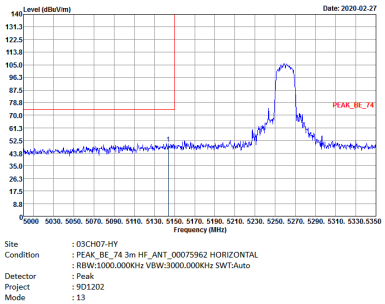
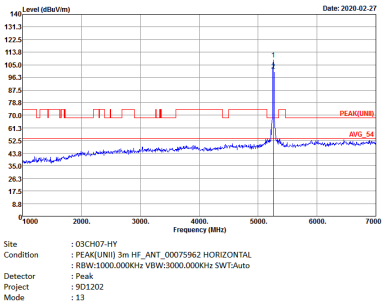
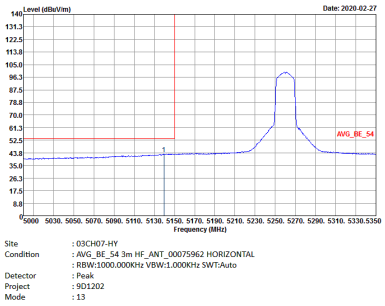
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

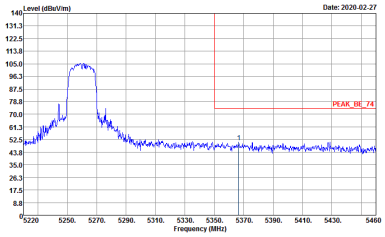
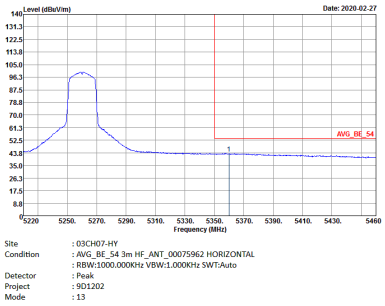
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 12	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 12	Left blank

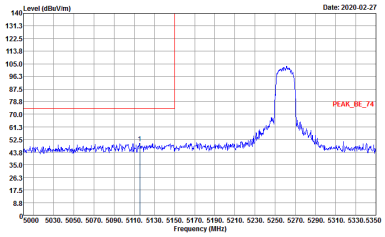
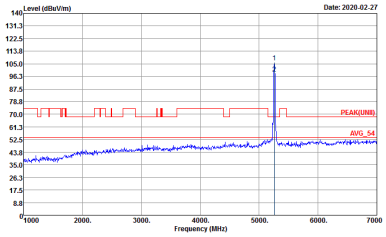
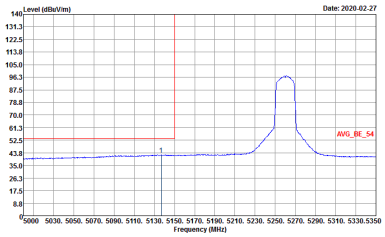
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 12	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 12	Left blank

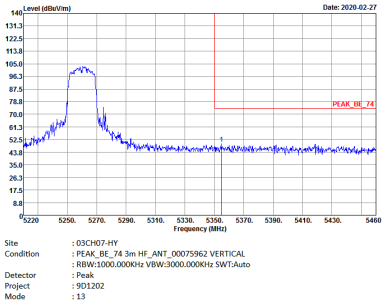
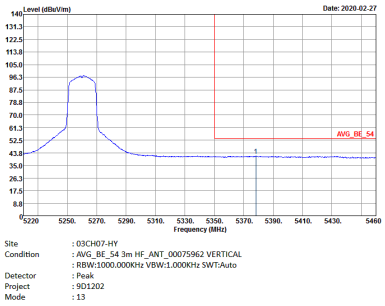
Band 2 5250~5350MHz

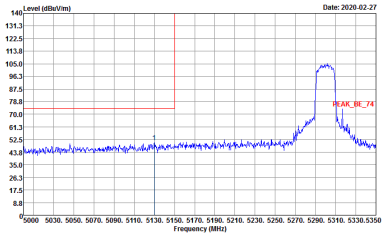
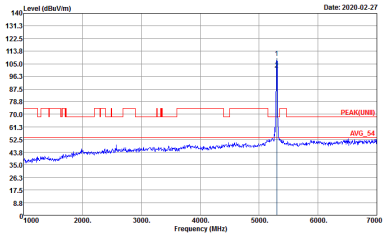
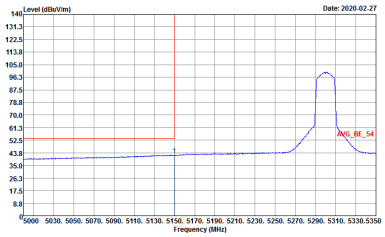
WIFI 802.11n HT20 (Band Edge @ 3m)

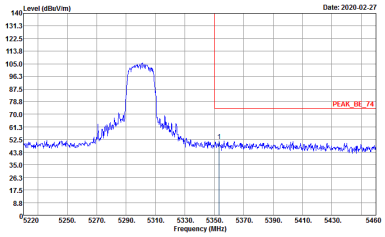
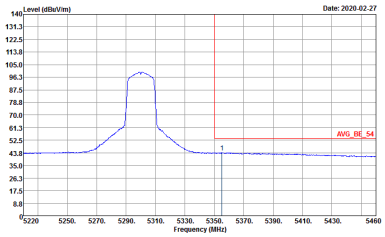
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

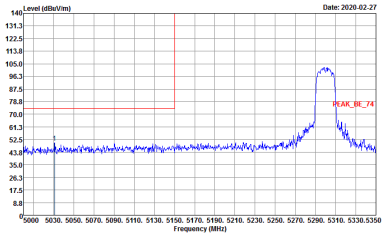
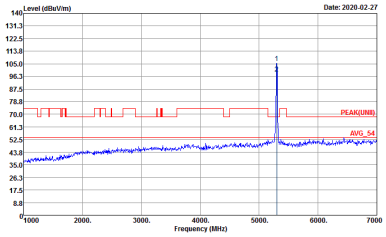
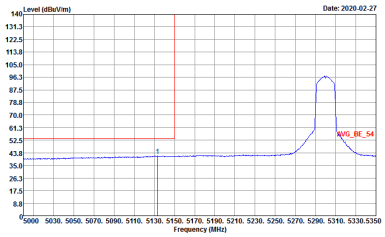
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

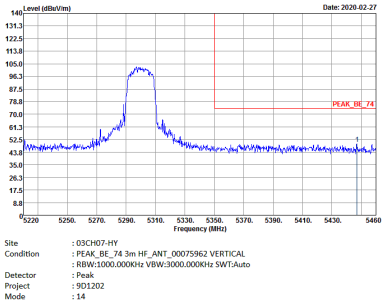
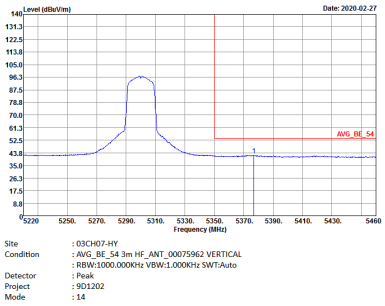
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 13	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 13	Left blank

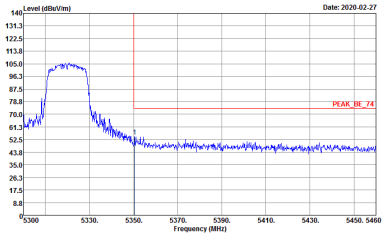
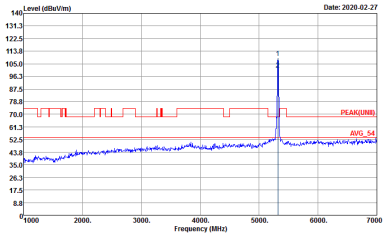
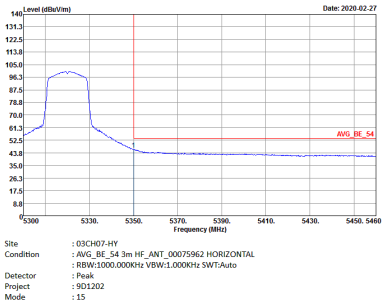
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

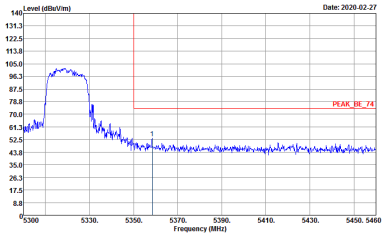
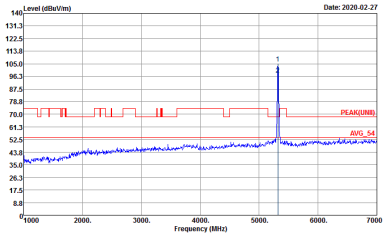
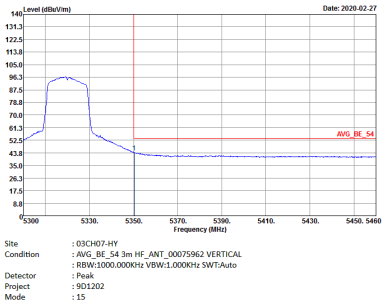
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 14	Left blank

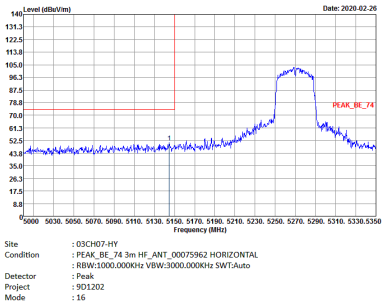
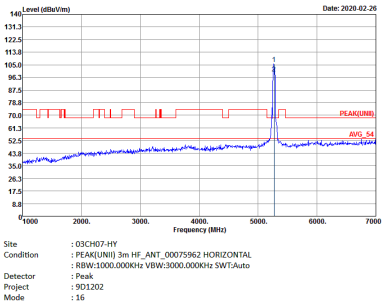
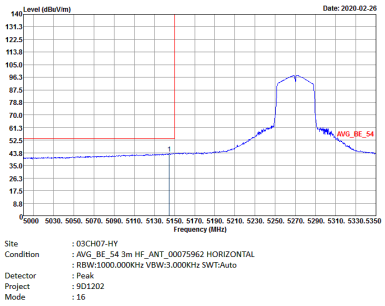
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

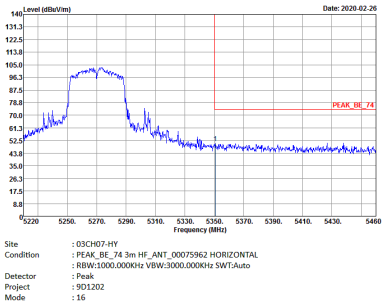
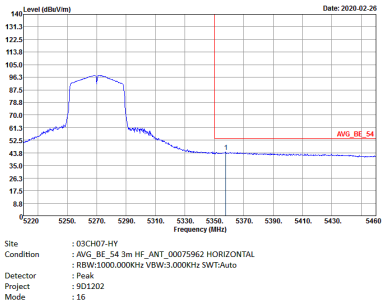
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

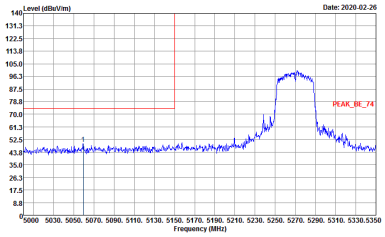
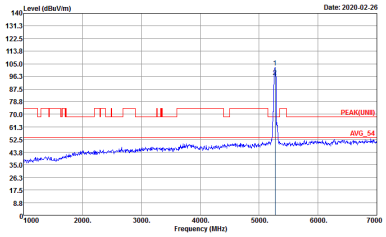
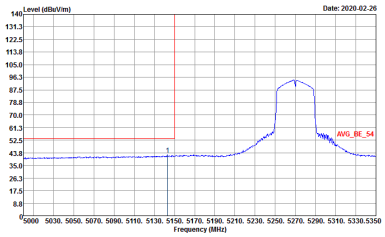
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

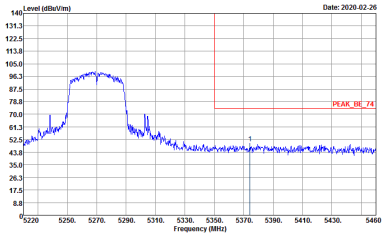
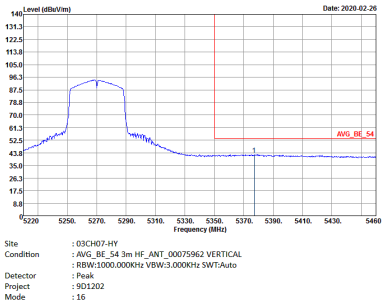
Band 2 5250~5350MHz

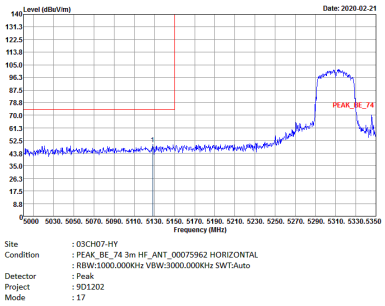
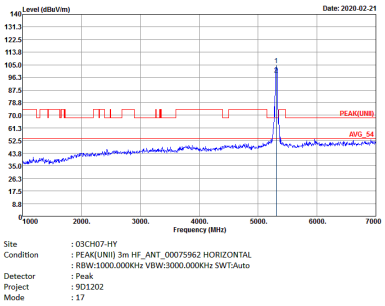
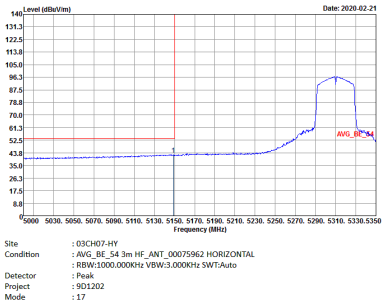
WIFI 802.11n HT40 (Band Edge @ 3m)

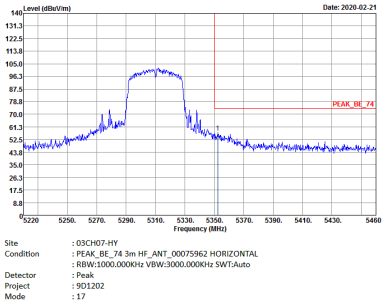
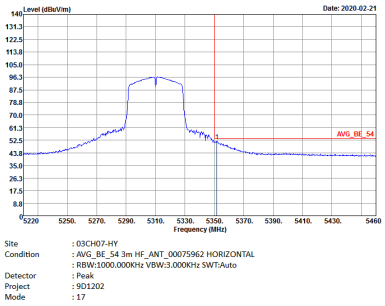
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

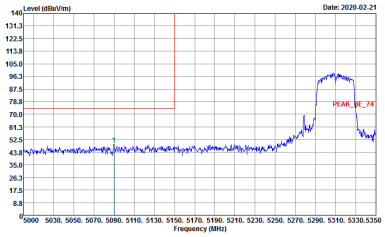
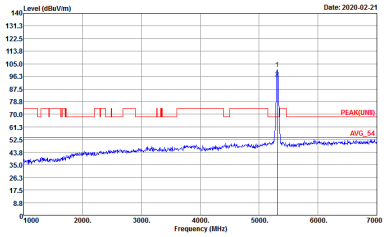
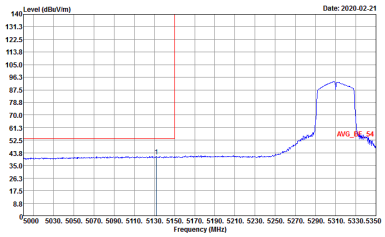
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

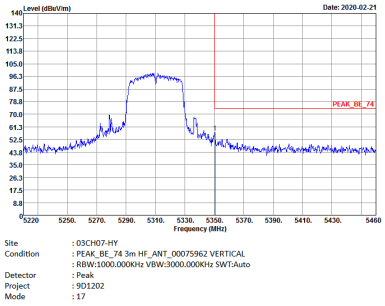
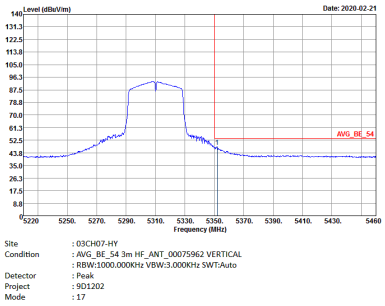
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 16	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 16
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 16	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak		Left blank
Avg.		Left blank

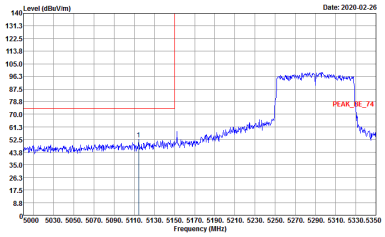
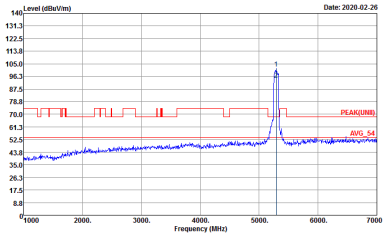
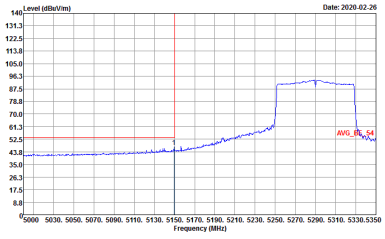
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

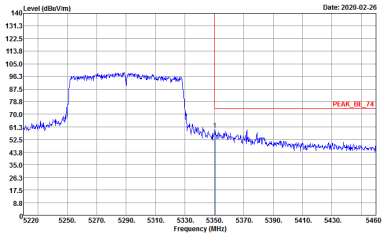
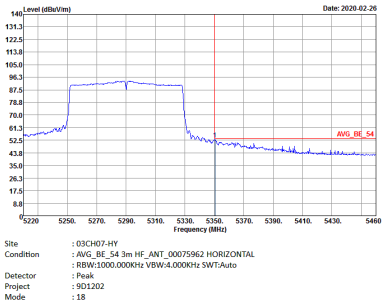
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

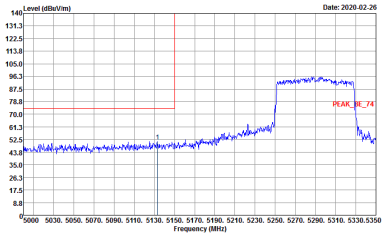
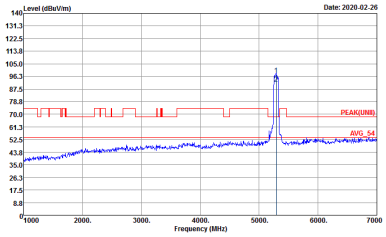
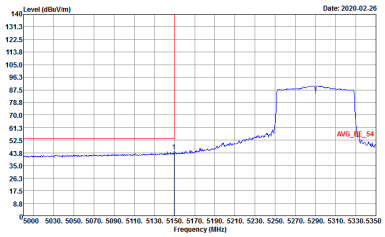
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 17	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 17	Left blank

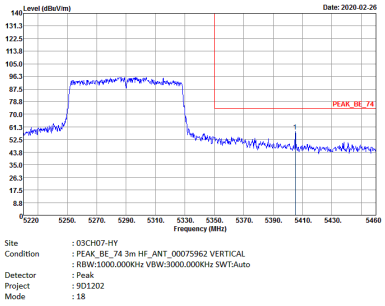
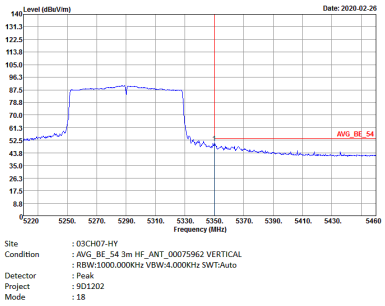
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

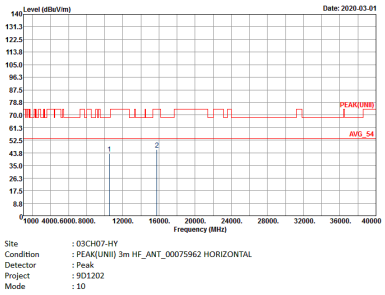
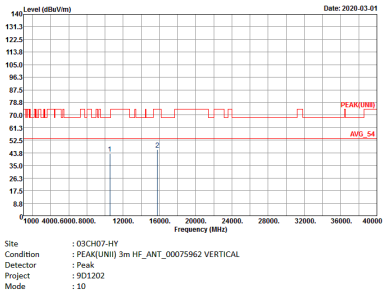
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

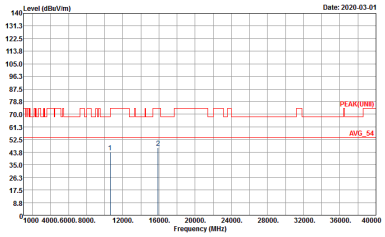
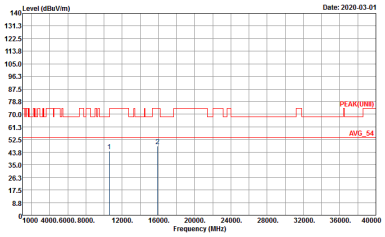
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 18	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:4.000KHz SWT:Auto Detector : Peak Project : 9D1202 Mode : 18	Left blank

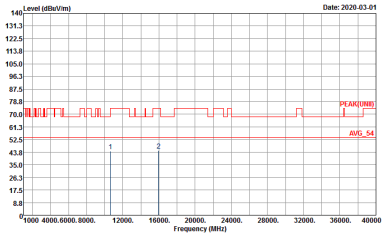
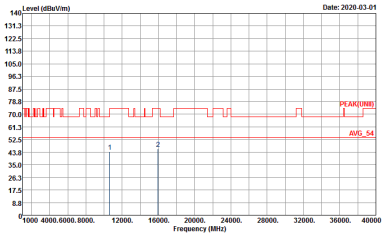
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

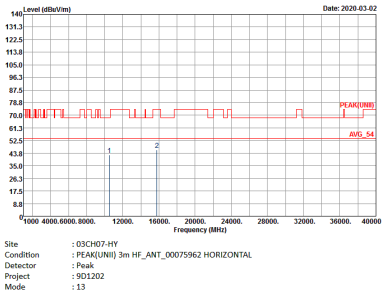
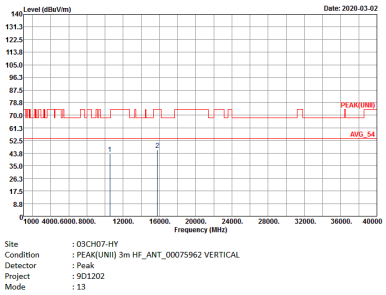
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

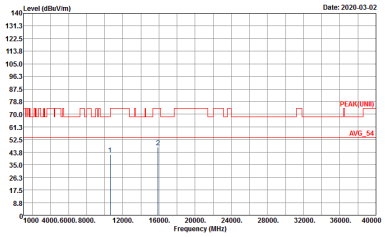
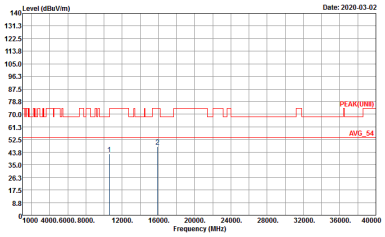
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 11	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 11

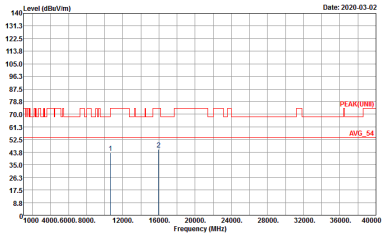
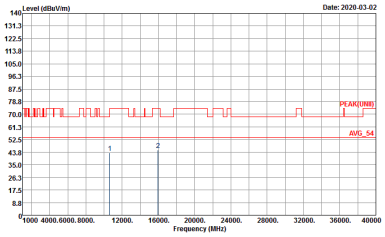
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 12	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 12

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

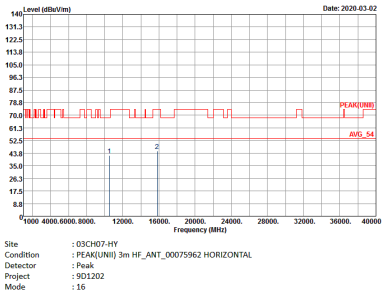
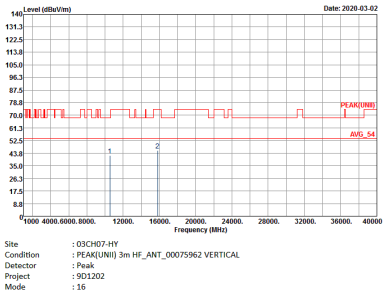
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

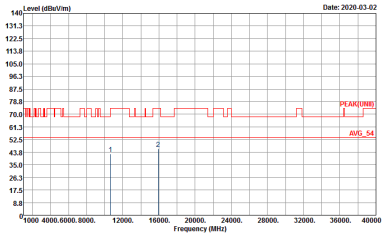
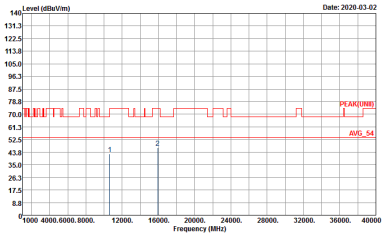
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 14	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 14

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 15	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 15

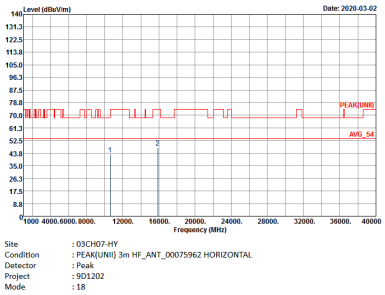
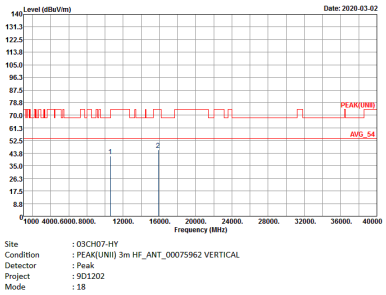
Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	 	

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 9D1202 Mode : 17	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 9D1202 Mode : 17

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.