



FCC RADIO TEST REPORT

FCC ID : 2ANZL-2474
Equipment : Digital Media Receiver
Model Name : DW84JL
Applicant : Microstrip LLC
83 Wooster Heights Rd, Suite 125,
Danbury, Connecticut, 06810
Standard : FCC Part 15 Subpart E §15.407

The product was received on Dec. 14, 2020 and testing was started from Dec. 31, 2020 and completed on Jan. 20, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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



Table of Contents

History of this test report..... 3

Summary of Test Result..... 4

1 General Description 5

 1.1 Product Feature of Equipment Under Test..... 5

 1.2 Product Specification of Equipment Under Test..... 5

 1.3 Modification of EUT 8

 1.4 Testing Location 8

 1.5 Applicable Standards..... 8

2 Test Configuration of Equipment Under Test 9

 2.1 Carrier Frequency and Channel 9

 2.2 Test Mode..... 10

 2.3 Connection Diagram of Test System 12

 2.4 EUT Operation Test Setup 12

 2.5 Measurement Results Explanation Example..... 12

3 Test Result 13

 3.1 26dB & 99% Occupied Bandwidth Measurement 13

 3.2 Maximum Conducted Output Power Measurement 15

 3.3 Power Spectral Density Measurement 17

 3.4 Unwanted Emissions Measurement 20

 3.5 Automatically Discontinue Transmission 25

 3.6 Antenna Requirements..... 26

4 List of Measuring Equipment..... 27

5 Uncertainty of Evaluation 28

Appendix A. Conducted Test Results

Appendix B. Radiated Spurious Emission

Appendix C. Radiated Spurious Emission Plots

Appendix D. Duty Cycle Plots



History of this test report

Report No.	Version	Description	Issued Date
FR7D0544-05	01	Initial issue of report	Mar. 22, 2021



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.403(i)	26dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Reporting only
3.2	15.407(a)	Maximum Conducted Output Power	Pass
3.3	15.407(a)	Power Spectral Density	Pass
3.4	15.407(b)	Unwanted Emissions	Pass
-	15.207	AC Conducted Emission	Not Required
3.5	15.407(c)	Automatically Discontinue Transmission	Pass
3.6	15.203 15.407(a)	Antenna Requirement	Pass

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. This is a variant report by adding WLAN 5GHz Band 2 and Band 3. All the test cases were performed on original report which can be referred to Sporton Report Number FR7D0544-01E.

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

Product Feature	
Equipment	Digital Media Receiver
Model Name	DW84JL
FCC ID	2ANZL-2474
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE Zigbee

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

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Frequency Range	5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	<5260 MHz ~ 5320 MHz> <Ant. 1> 802.11a: 19.70 dBm / 0.0933 W 802.11n HT20: 19.70 dBm / 0.0933 W 802.11n HT40: 20.60 dBm / 0.1148 W 802.11ac VHT20: 19.60 dBm / 0.0912 W 802.11ac VHT40: 20.50 dBm / 0.1122 W 802.11ac VHT80: 16.30 dBm / 0.0427 W
	<Ant. 2> 802.11a: 18.80 dBm / 0.0759 W 802.11n HT20: 18.90 dBm / 0.0776 W 802.11n HT40: 19.50 dBm / 0.0891 W 802.11ac VHT20: 18.80 dBm / 0.0759 W 802.11ac VHT40: 19.40 dBm / 0.0871 W 802.11ac VHT80: 15.60 dBm / 0.0363 W
	MIMO<Ant. 1+2> 802.11a: 21.33 dBm / 0.1358 W 802.11n HT20: 21.17 dBm / 0.1311 W 802.11n HT40: 22.38 dBm / 0.1731 W 802.11ac VHT20: 21.07 dBm / 0.1281 W 802.11ac VHT40: 22.28 dBm / 0.1692 W 802.11ac VHT80: 16.44 dBm / 0.0440 W



Product Specification subjective to this standard	
Maximum Output Power to Antenna	<5500 MHz ~ 5720 MHz> <Ant. 1> 802.11a: 20.10 dBm / 0.1023 W 802.11n HT20: 20.00 dBm / 0.1000 W 802.11n HT40: 20.70 dBm / 0.1175 W 802.11ac VHT20: 19.90 dBm / 0.0977 W 802.11ac VHT40: 20.60 dBm / 0.1148 W 802.11ac VHT80: 20.20 dBm / 0.1047 W
	<Ant. 2> 802.11a: 19.80 dBm / 0.0955 W 802.11n HT20: 19.70 dBm / 0.0933 W 802.11n HT40: 20.70 dBm / 0.1175 W 802.11ac VHT20: 19.60 dBm / 0.0912 W 802.11ac VHT40: 20.60 dBm / 0.1148 W 802.11ac VHT80: 20.10 dBm / 0.1023 W
	MIMO<Ant. 1+2> 802.11a: 20.82 dBm / 0.1208 W 802.11n HT20: 20.48 dBm / 0.1118 W 802.11n HT40: 21.57 dBm / 0.1435 W 802.11ac VHT20: 20.38 dBm / 0.1092 W 802.11ac VHT40: 21.47 dBm / 0.1402 W 802.11ac VHT80: 21.36 dBm / 0.1369 W



Product Specification subjective to this standard										
99% Occupied Bandwidth	<p><Ant. 1> 802.11a: 17.88 MHz 802.11n HT20: 18.53 MHz 802.11n HT40: 40.07 MHz 802.11ac VHT80: 76.96 MHz</p> <p><Ant. 2> 802.11a: 18.08 MHz 802.11n HT20: 18.68 MHz 802.11n HT40: 45.16 MHz 802.11ac VHT80: 77.20 MHz</p> <p>MIMO<Ant. 1> 802.11a: 17.38 MHz 802.11n HT20: 18.23 MHz 802.11n HT40: 37.36 MHz 802.11ac VHT80: 77.08 MHz</p> <p>MIMO<Ant. 2> 802.11a: 17.18 MHz 802.11n HT20: 18.03 MHz 802.11n HT40: 36.96 MHz 802.11ac VHT80: 76.96 MHz</p>									
Antenna Type / Gain	<p><5260 MHz ~ 5320 MHz> Ant. 1 : Fixed Internal Antenna with gain 4.42 dBi Ant. 2 : Fixed Internal Antenna with gain 2.03 dBi</p> <p><5500 MHz ~ 5720 MHz> Ant. 1 : Fixed Internal Antenna with gain 5.18 dBi Ant. 2 : Fixed Internal Antenna with gain 3.41 dBi</p>									
Type of Modulation	802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)									
Antenna Function Description	<table border="1"> <thead> <tr> <th></th> <th>Ant. 1</th> <th>Ant. 2</th> </tr> </thead> <tbody> <tr> <td>802.11 a/n/ac</td> <td>V</td> <td>V</td> </tr> <tr> <td>802.11 a/n/ac MIMO</td> <td>V</td> <td>V</td> </tr> </tbody> </table>		Ant. 1	Ant. 2	802.11 a/n/ac	V	V	802.11 a/n/ac MIMO	V	V
	Ant. 1	Ant. 2								
802.11 a/n/ac	V	V								
802.11 a/n/ac MIMO	V	V								

Remark:

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



1.3 Modification of EUT

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

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. TH05-HY
Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH13-HY (TAF Code: 3786)
Remark:	The Radiated Emission Test item subcontracted to Sporton International Inc. Wensan Laboratory

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

FCC designation No.: TW1190 and TW0007

1.5 Applicable Standards

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

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

Remark:

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



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

2.1 Carrier Frequency and Channel

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

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

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
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



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

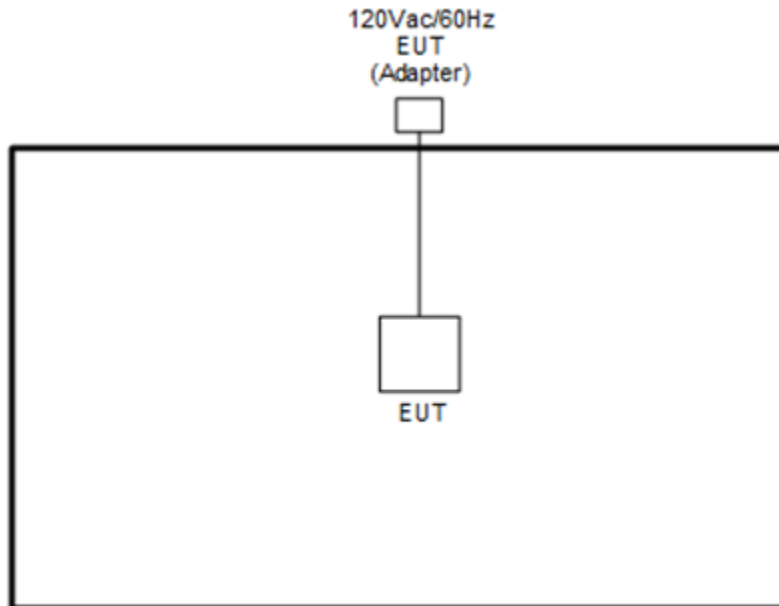
Ch. #		Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

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

Ch. #		Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80
L	Low	-	106
M	Middle	58	-
H	High	-	122
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 EUT Operation Test Setup

The RF test items, utility "Compliance tool 1.0.0.87" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.5 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

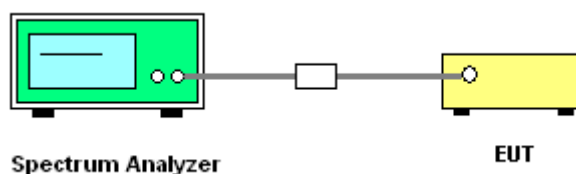
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

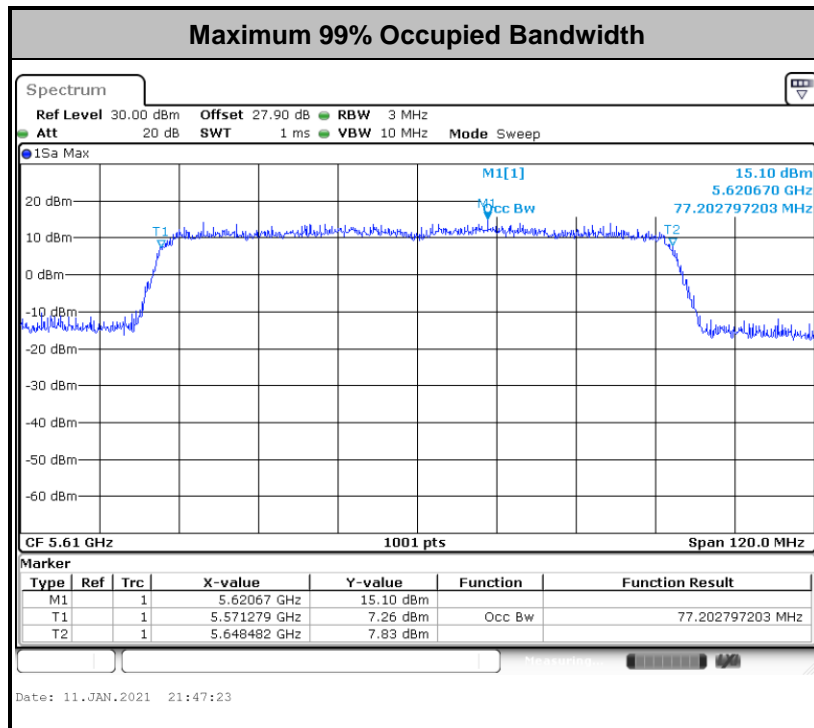
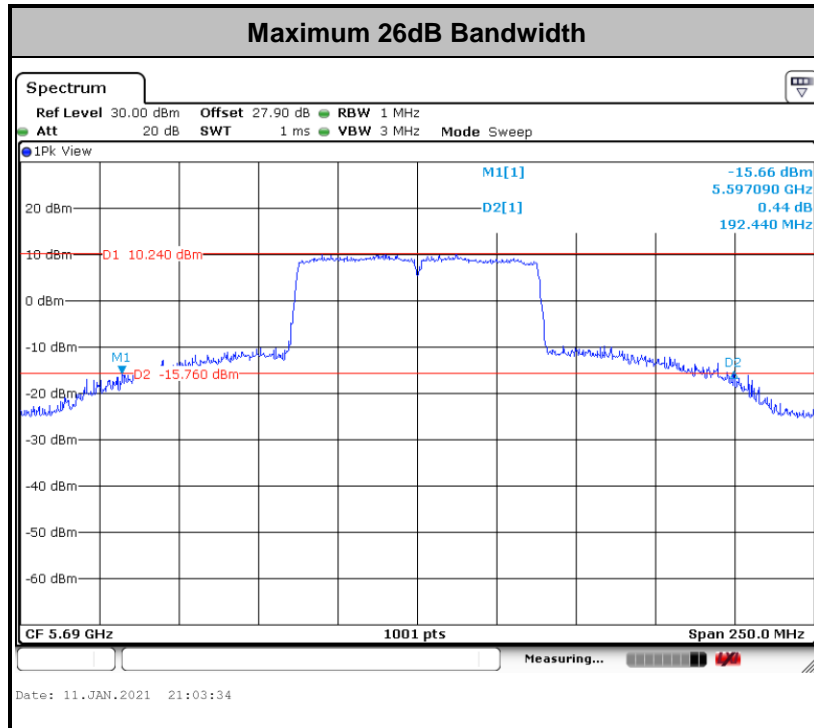
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

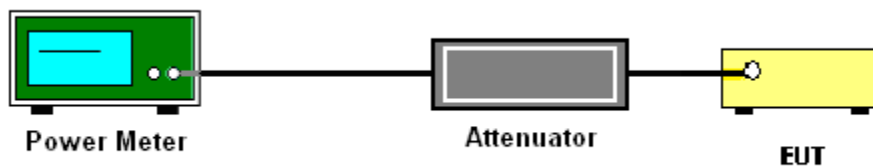
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

Method SA-3

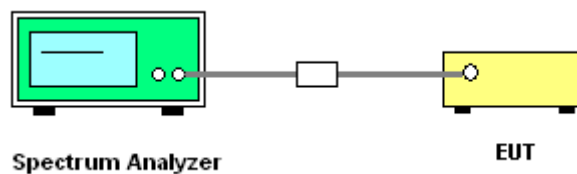
(power averaging (rms) detection with max hold):

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW \geq 3 MHz.
 - Number of points in sweep \geq 2 Span / RBW.
 - Sweep time \leq (number of points in sweep) \times T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Detector = power averaging (rms).
 - Trace mode = max hold.
 - Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

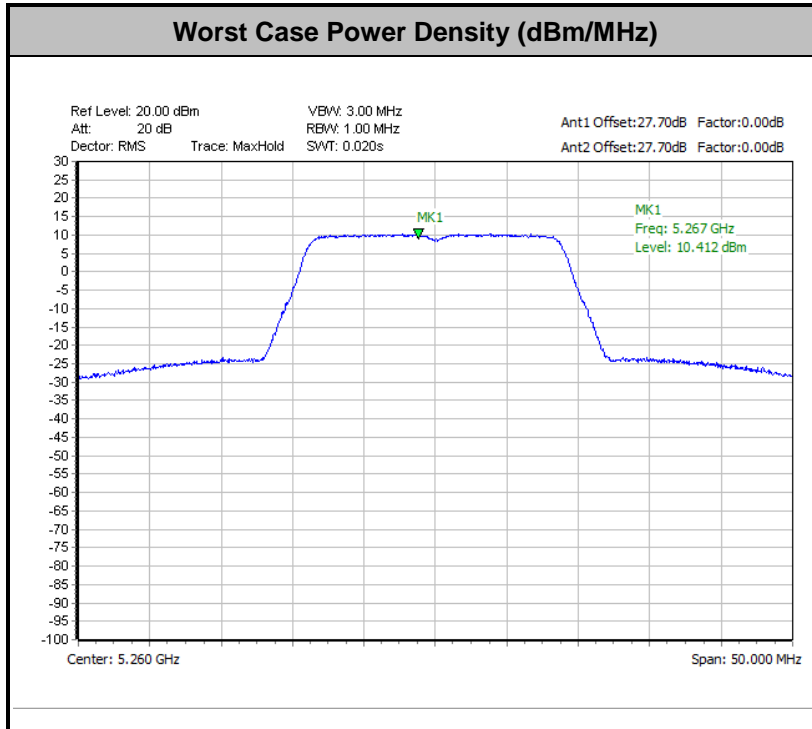
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.





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 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.

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



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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

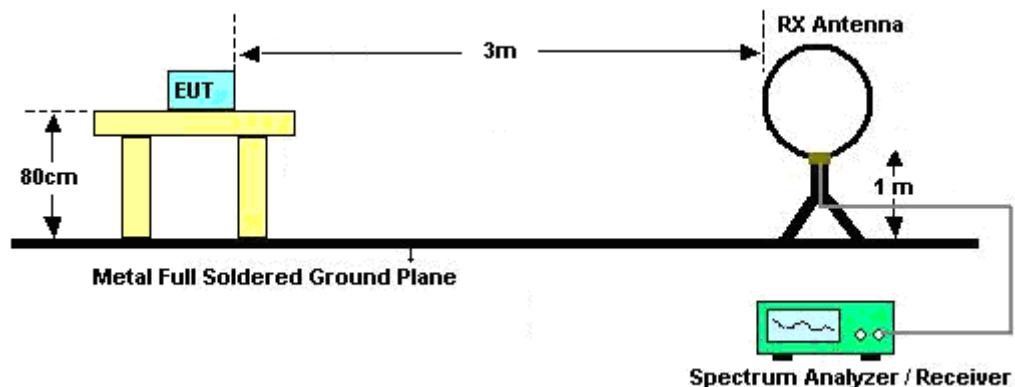
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

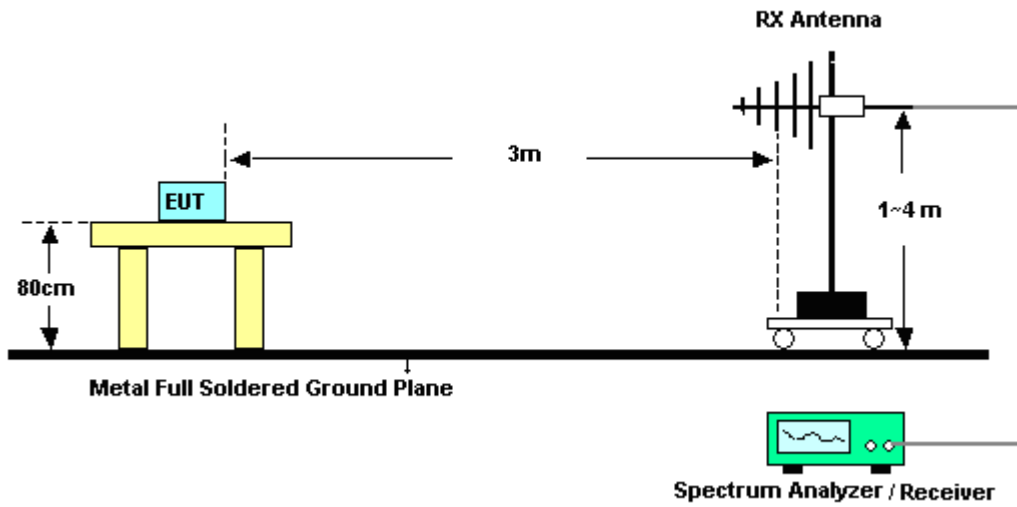
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

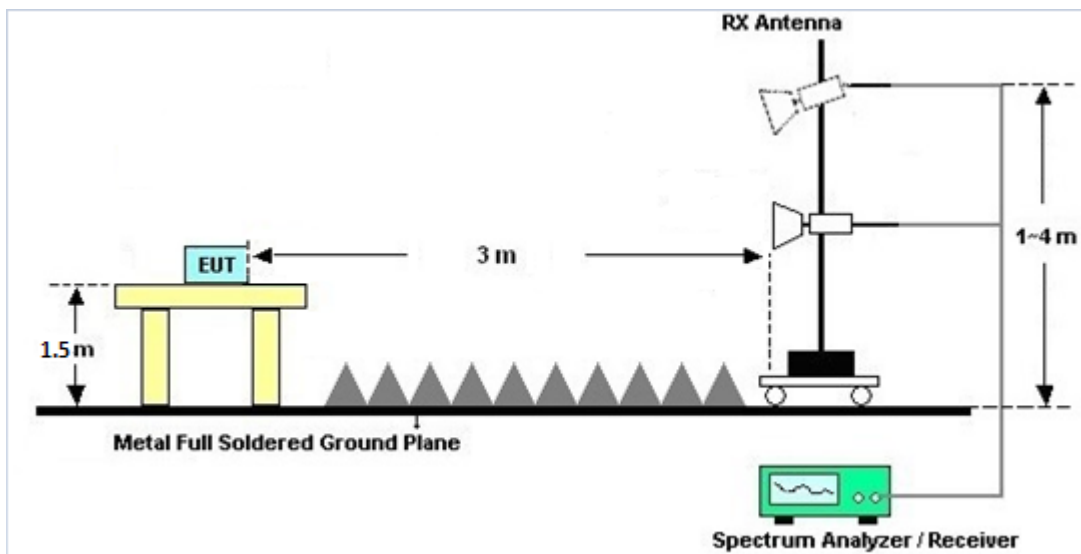
For radiated emissions below 30MHz



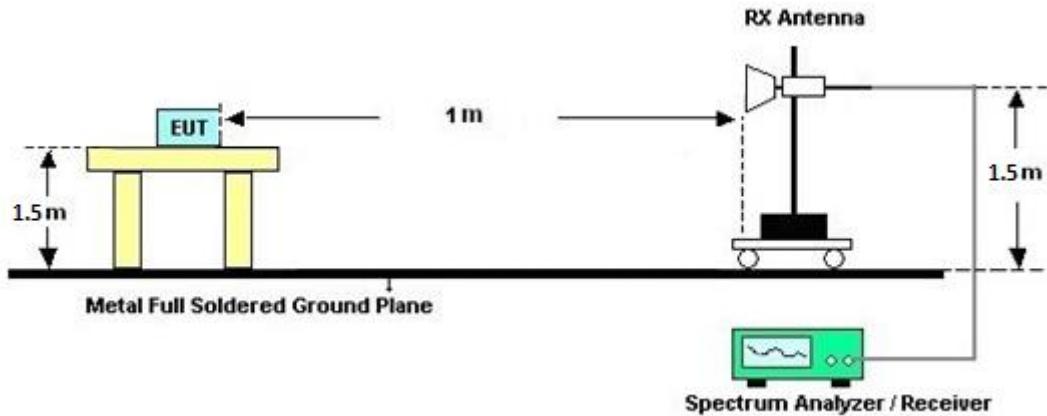
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

There is 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 B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.



3.5 Automatically Discontinue Transmission

3.5.1 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.

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 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.



3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>						
	Ant. 1	Ant. 2	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band II	4.42	2.03	4.42	6.32	0.00	0.32
Band III	5.18	3.41	5.18	7.35	0.00	1.35

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

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Jan. 08, 2021~ Jan. 20, 2021	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 09, 2020	Jan. 08, 2021~ Jan. 20, 2021	Dec. 08, 2021	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Jan. 08, 2021~ Jan. 20, 2021	Jul. 21, 2021	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Jan. 08, 2021~ Jan. 20, 2021	Mar. 16, 2021	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Dec. 31, 2020~ Jan. 12, 2021	Jul. 13, 2021	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-124 1	1GHz~18GHz	Jul. 15, 2020	Dec. 31, 2020~ Jan. 12, 2021	Jul. 14, 2021	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP150115	N/A	N/A	Dec. 31, 2020~ Jan. 12, 2021	N/A	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 19, 2020	Dec. 31, 2020~ Jan. 12, 2021	May 18, 2021	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY532701 47	1GHz~26.5GHz	Oct. 28, 2020	Dec. 31, 2020~ Jan. 12, 2021	Oct. 27, 2021	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY553705 26	10Hz~44GHz	Mar. 20, 2020	Dec. 31, 2020~ Jan. 12, 2021	Mar. 19, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz~30MHz	Mar. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Mar. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Mar. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz~40GHz	Mar. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Mar. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Feb. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Feb. 11, 2021	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/ 4	30MHz~18GHz	Feb. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Feb. 11, 2021	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 31, 2020~ Jan. 12, 2021	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1m~4m	N/A	Dec. 31, 2020~ Jan. 12, 2021	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Dec. 31, 2020~ Jan. 12, 2021	N/A	Radiation (03CH13-HY)
Software	AUDIX	E3 6.2009-8-24c	RK-001124	N/A	N/A	Dec. 31, 2020~ Jan. 12, 2021	N/A	Radiation (03CH13-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY532900 45	20MHz~8.4GHz	Jan. 18, 2020	Dec. 31, 2020~ Jan. 12, 2021	Jan. 17, 2021	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170 576	18GHz~40GHz	May 22, 2020	Dec. 31, 2020~ Jan. 12, 2021	May 21, 2021	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	0600789	18GHz~40GHz	Jul. 31, 2020	Dec. 31, 2020~ Jan. 12, 2021	Jul. 30, 2021	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000 -40ST	SN5	6.75GHz High Pass Filter	Mar. 12, 2020	Dec. 31, 2020~ Jan. 12, 2021	Mar. 11, 2021	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 16, 2020	Dec. 31, 2020~ Jan. 12, 2021	Dec. 15, 2021	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-1 530-8000-40S S	SN12	1.53GHz Low Pass Filter	Sep. 15, 2020	Dec. 31, 2020~ Jan. 12, 2021	Sep. 14, 2021	Radiation (03CH13-HY)



5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2021/1/8~2021/1/20	Relative Humidity:	51~54	%

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	17.53	17.43	29.40	27.00	23.44	23.41	29.44	29.41	23.98	23.98	
11a	6Mbps	1	60	5300	17.53	17.43	27.40	27.30	23.44	23.41	29.44	29.41	23.98	23.98	
11a	6Mbps	1	64	5320	17.28	17.28	23.15	22.95	23.38	23.38	29.38	29.38	23.98	23.98	
HT20	MCS0	1	52	5260	18.38	18.33	26.85	23.10	23.64	23.63	29.64	29.63	23.98	23.98	
HT20	MCS0	1	60	5300	18.38	18.28	32.00	23.30	23.64	23.62	29.64	29.62	23.98	23.98	
HT20	MCS0	1	64	5320	18.18	18.23	23.05	22.95	23.60	23.61	29.60	29.61	23.98	23.98	
HT40	MCS0	1	54	5270	38.26	37.56	96.02	85.62	23.98	23.98	30.00	30.00	23.98	23.98	
HT40	MCS0	1	62	5310	36.66	36.76	41.00	41.18	23.98	23.98	30.00	30.00	23.98	23.98	
VHT80	MCS0	1	58	5290	76.96	76.96	82.09	82.76	23.98	23.98	30.00	30.00	23.98	23.98	

Band II MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	17.28	17.18	23.35	22.45	23.35		29.35		23.98		
11a	6Mbps	2	60	5300	17.38	17.18	23.35	22.55	23.35		29.35		23.98		
11a	6Mbps	2	64	5320	17.18	17.18	22.95	22.65	23.35		29.35		23.98		
HT20	MCS0	2	52	5260	18.23	18.03	23.25	22.85	23.56		29.56		23.98		
HT20	MCS0	2	60	5300	18.23	18.08	23.05	22.75	23.57		29.57		23.98		
HT20	MCS0	2	64	5320	18.18	18.03	23.10	22.95	23.56		29.56		23.98		
HT40	MCS0	2	54	5270	37.36	36.96	84.73	70.82	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.76	36.76	41.31	41.13	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.96	76.84	82.24	81.76	23.98		30.00		23.98		

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	19.70	18.80		23.98	23.98	4.42	2.03	26.99	Pass
11a	6Mbps	1	60	5300	19.70	18.80		23.98	23.98	4.42	2.03	26.99	Pass
11a	6Mbps	1	64	5320	17.90	17.10		23.98	23.98	4.42	2.03	26.99	Pass
HT20	MCS0	1	52	5260	19.70	18.70		23.98	23.98	4.42	2.03	26.99	Pass
HT20	MCS0	1	60	5300	19.60	18.90		23.98	23.98	4.42	2.03	26.99	Pass
HT20	MCS0	1	64	5320	17.80	16.40		23.98	23.98	4.42	2.03	26.99	Pass
HT40	MCS0	1	54	5270	20.60	19.50		23.98	23.98	4.42	2.03	26.99	Pass
HT40	MCS0	1	62	5310	14.80	15.60		23.98	23.98	4.42	2.03	26.99	Pass
VHT20	MCS0	1	52	5260	19.60	18.60		23.98	23.98	4.42	2.03	26.99	Pass
VHT20	MCS0	1	60	5300	19.50	18.80		23.98	23.98	4.42	2.03	26.99	Pass
VHT20	MCS0	1	64	5320	17.70	16.30		23.98	23.98	4.42	2.03	26.99	Pass
VHT40	MCS0	1	54	5270	20.50	19.40		23.98	23.98	4.42	2.03	26.99	Pass
VHT40	MCS0	1	62	5310	14.70	15.50		23.98	23.98	4.42	2.03	26.99	Pass
VHT80	MCS0	1	58	5290	16.30	15.60		23.98	23.98	4.42	2.03	26.99	Pass

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	18.60	17.80	21.23	23.98		4.42		26.99	Pass
11a	6Mbps	2	60	5300	18.70	17.90	21.33	23.98		4.42		26.99	Pass
11a	6Mbps	2	64	5320	16.80	16.30	19.57	23.98		4.42		26.99	Pass
HT20	MCS0	2	52	5260	18.40	17.80	21.12	23.98		4.42		26.99	Pass
HT20	MCS0	2	60	5300	18.50	17.80	21.17	23.98		4.42		26.99	Pass
HT20	MCS0	2	64	5320	17.10	16.40	19.77	23.98		4.42		26.99	Pass
HT40	MCS0	2	54	5270	19.80	18.90	22.38	23.98		4.42		26.99	Pass
HT40	MCS0	2	62	5310	13.80	13.10	16.47	23.98		4.42		26.99	Pass
VHT20	MCS0	2	52	5260	18.30	17.70	21.02	23.98		4.42		26.99	Pass
VHT20	MCS0	2	60	5300	18.40	17.70	21.07	23.98		4.42		26.99	Pass
VHT20	MCS0	2	64	5320	17.00	16.30	19.67	23.98		4.42		26.99	Pass
VHT40	MCS0	2	54	5270	19.70	18.80	22.28	23.98		4.42		26.99	Pass
VHT40	MCS0	2	62	5310	13.70	13.00	16.37	23.98		4.42		26.99	Pass
VHT80	MCS0	2	58	5290	13.90	12.90	16.44	23.98		4.42		26.99	Pass

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	7.79	6.96		11.00	11.00	4.42	2.03		Pass
11a	6Mbps	1	60	5300	7.55	7.13		11.00	11.00	4.42	2.03		Pass
11a	6Mbps	1	64	5320	5.87	5.20		11.00	11.00	4.42	2.03		Pass
HT20	MCS0	1	52	5260	7.64	6.75		11.00	11.00	4.42	2.03		Pass
HT20	MCS0	1	60	5300	7.72	6.83		11.00	11.00	4.42	2.03		Pass
HT20	MCS0	1	64	5320	5.48	4.31		11.00	11.00	4.42	2.03		Pass
HT40	MCS0	1	54	5270	5.62	4.67		11.00	11.00	4.42	2.03		Pass
HT40	MCS0	1	62	5310	-0.22	0.49		11.00	11.00	4.42	2.03		Pass
VHT80	MCS0	1	58	5290	-1.32	-1.99		11.00	11.00	4.42	2.03		Pass

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			10.33	10.68	6.32				Pass
11a	6Mbps	2	60	5300			10.30	10.68	6.32				Pass
11a	6Mbps	2	64	5320			8.47	10.68	6.32				Pass
HT20	MCS0	2	52	5260			10.41	10.68	6.32				Pass
HT20	MCS0	2	60	5300			10.21	10.68	6.32				Pass
HT20	MCS0	2	64	5320			8.83	10.68	6.32				Pass
HT40	MCS0	2	54	5270			8.58	10.68	6.32				Pass
HT40	MCS0	2	62	5310			2.68	10.68	6.32				Pass
VHT80	MCS0	2	58	5290			-0.10	10.68	6.32				Pass

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	17.28	17.28	23.10	23.20	23.38	23.38	29.38	29.38	23.98	23.98	----	----
11a	6Mbps	1	116	5580	17.88	18.08	34.65	37.65	23.52	23.57	29.52	29.57	23.98	23.98	----	----
11a	6Mbps	1	140	5700	17.23	17.23	23.05	23.00	23.36	23.36	29.36	29.36	23.98	23.98	----	----
HT20	MCS0	1	100	5500	18.18	18.23	23.00	23.00	23.60	23.61	29.60	29.61	23.98	23.98	----	----
HT20	MCS0	1	116	5580	18.53	18.68	43.90	40.25	23.68	23.71	29.68	29.71	23.98	23.98	----	----
HT20	MCS0	1	140	5700	18.23	18.28	22.90	22.90	23.61	23.62	29.61	29.62	23.98	23.98	----	----
HT40	MCS0	1	102	5510	36.76	36.76	41.18	41.09	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	38.06	45.16	89.40	99.65	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.86	37.26	41.03	75.14	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	106	5530	76.96	76.96	82.46	82.08	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	76.96	77.20	82.67	117.21	23.98	23.98	30.00	30.00	23.98	23.98	----	----

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 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	2	100	5500	17.33	17.18	22.90	22.65	23.35	23.35	29.35	29.35	23.98	23.98	----	----
11a	6Mbps	2	116	5580	17.28	17.18	23.05	22.60	23.35	23.35	29.35	29.35	23.98	23.98	----	----
11a	6Mbps	2	140	5700	17.13	17.18	22.95	22.65	23.34	23.34	29.34	29.34	23.98	23.98	----	----
HT20	MCS0	2	100	5500	18.23	18.03	22.95	22.95	23.56	23.56	29.56	29.56	23.98	23.98	----	----
HT20	MCS0	2	116	5580	18.23	18.03	23.20	22.90	23.56	23.56	29.56	29.56	23.98	23.98	----	----
HT20	MCS0	2	140	5700	18.23	18.03	23.10	22.80	23.56	23.56	29.56	29.56	23.98	23.98	----	----
HT40	MCS0	2	102	5510	36.76	36.66	41.04	40.95	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	2	110	5550	36.96	36.76	61.92	41.04	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	2	134	5670	36.86	36.76	41.40	41.04	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	2	106	5530	77.08	76.96	83.04	82.08	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	2	122	5610	77.08	76.84	82.56	81.60	23.98	23.98	30.00	30.00	23.98	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	13.89	13.94	21.40	21.50	22.43	22.44	28.43	28.44	23.98	23.98	3.2	3.2
HT20	MCS0	1	144	5720	14.19	14.39	21.05	21.40	22.52	22.58	28.52	28.58	23.98	23.98	3.8	3.8
HT40	MCS0	1	142	5710	40.07	38.98	65.65	65.20	23.98	23.98	30.00	30.00	23.98	23.98	3.162	3.162
VHT80	MCS0	1	138	5690	74.08	73.84	127.91	117.17	23.98	23.98	30.00	30.00	23.98	23.98	2.56	2.56

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 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	2	144	5720	13.64	13.54	16.40	16.25	22.32		28.32		23.11		3.2	3.2
HT20	MCS0	2	144	5720	14.09	14.04	16.50	16.35	22.47		28.47		23.14		3.8	3.8
HT40	MCS0	2	142	5710	33.58	33.38	39.93	35.52	23.98		30.00		23.98		3.18	3.18
VHT80	MCS0	2	138	5690	73.72	73.48	90.04	91.48	23.98		30.00		23.98		2.92	2.76

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	18.60	18.30		23.98	23.98	5.18	3.41	26.99	Pass
11a	6Mbps	1	116	5580	20.10	19.80		23.98	23.98	5.18	3.41	26.99	Pass
11a	6Mbps	1	140	5700	17.60	17.40		23.98	23.98	5.18	3.41	26.99	Pass
HT20	MCS0	1	100	5500	17.90	18.20		23.98	23.98	5.18	3.41	26.99	Pass
HT20	MCS0	1	116	5580	20.00	19.60		23.98	23.98	5.18	3.41	26.99	Pass
HT20	MCS0	1	140	5700	17.50	18.20		23.98	23.98	5.18	3.41	26.99	Pass
HT40	MCS0	1	102	5510	15.10	15.80		23.98	23.98	5.18	3.41	26.99	Pass
HT40	MCS0	1	110	5550	20.70	20.70		23.98	23.98	5.18	3.41	26.99	Pass
HT40	MCS0	1	134	5670	17.90	18.90		23.98	23.98	5.18	3.41	26.99	Pass
VHT20	MCS0	1	100	5500	17.80	18.10		23.98	23.98	5.18	3.41	26.99	Pass
VHT20	MCS0	1	116	5580	19.90	19.50		23.98	23.98	5.18	3.41	26.99	Pass
VHT20	MCS0	1	140	5700	17.40	18.10		23.98	23.98	5.18	3.41	26.99	Pass
VHT40	MCS0	1	102	5510	15.00	15.70		23.98	23.98	5.18	3.41	26.99	Pass
VHT40	MCS0	1	110	5550	20.60	20.60		23.98	23.98	5.18	3.41	26.99	Pass
VHT40	MCS0	1	134	5670	17.80	18.80		23.98	23.98	5.18	3.41	26.99	Pass
VHT80	MCS0	1	106	5530	10.20	12.30		23.98	23.98	5.18	3.41	26.99	Pass
VHT80	MCS0	1	122	5610	18.30	19.00		23.98	23.98	5.18	3.41	26.99	Pass

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	18.10	17.50	20.82	23.98		5.18		26.99	Pass
11a	6Mbps	2	116	5580	17.80	17.40	20.61	23.98		5.18		26.99	Pass
11a	6Mbps	2	140	5700	17.20	16.70	19.97	23.98		5.18		26.99	Pass
HT20	MCS0	2	100	5500	17.90	17.00	20.48	23.98		5.18		26.99	Pass
HT20	MCS0	2	116	5580	17.70	17.00	20.37	23.98		5.18		26.99	Pass
HT20	MCS0	2	140	5700	17.00	16.60	19.81	23.98		5.18		26.99	Pass
HT40	MCS0	2	102	5510	15.50	14.70	18.13	23.98		5.18		26.99	Pass
HT40	MCS0	2	110	5550	18.80	18.30	21.57	23.98		5.18		26.99	Pass
HT40	MCS0	2	134	5670	17.40	16.90	20.17	23.98		5.18		26.99	Pass
VHT20	MCS0	2	100	5500	17.80	16.90	20.38	23.98		5.18		26.99	Pass
VHT20	MCS0	2	116	5580	17.60	16.90	20.27	23.98		5.18		26.99	Pass
VHT20	MCS0	2	140	5700	16.90	16.50	19.71	23.98		5.18		26.99	Pass
VHT40	MCS0	2	102	5510	15.40	14.60	18.03	23.98		5.18		26.99	Pass
VHT40	MCS0	2	110	5550	18.70	18.20	21.47	23.98		5.18		26.99	Pass
VHT40	MCS0	2	134	5670	17.30	16.80	20.07	23.98		5.18		26.99	Pass
VHT80	MCS0	2	106	5530	11.10	10.20	13.68	23.98		5.18		26.99	Pass
VHT80	MCS0	2	122	5610	17.80	17.20	20.52	23.98		5.18		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	19.90	19.70		23.98	23.98	5.18	3.41	26.99	Pass
HT20	MCS0	1	144	5720	19.80	19.70		23.98	23.98	5.18	3.41	26.99	Pass
HT40	MCS0	1	142	5710	20.60	20.70		23.98	23.98	5.18	3.41	26.99	Pass
VHT20	MCS0	1	144	5720	19.70	19.60		23.98	23.98	5.18	3.41	26.99	Pass
VHT40	MCS0	1	142	5710	20.50	20.60		23.98	23.98	5.18	3.41	26.99	Pass
VHT80	MCS0	1	138	5690	20.20	20.10		23.98	23.98	5.18	3.41	26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	17.50	17.20	20.36	23.11		5.18		26.99	Pass
HT20	MCS0	2	144	5720	17.60	17.10	20.37	23.14		5.18		26.99	Pass
HT40	MCS0	2	142	5710	18.50	18.30	21.41	23.98		5.18		26.99	Pass
VHT20	MCS0	2	144	5720	17.50	17.00	20.27	23.98		5.18		26.99	Pass
VHT40	MCS0	2	142	5710	18.40	18.20	21.31	23.98		5.18		26.99	Pass
VHT80	MCS0	2	138	5690	18.50	18.20	21.36	23.98		5.18		26.99	Pass

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	6.41	6.20		11.00	11.00	5.18	3.41		Pass
11a	6Mbps	1	116	5580	8.18	8.02		11.00	11.00	5.18	3.41		Pass
11a	6Mbps	1	140	5700	5.49	5.30		11.00	11.00	5.18	3.41		Pass
HT20	MCS0	1	100	5500	5.75	6.22		11.00	11.00	5.18	3.41		Pass
HT20	MCS0	1	116	5580	8.06	7.65		11.00	11.00	5.18	3.41		Pass
HT20	MCS0	1	140	5700	5.34	6.28		11.00	11.00	5.18	3.41		Pass
HT40	MCS0	1	102	5510	0.08	0.76		11.00	11.00	5.18	3.41		Pass
HT40	MCS0	1	110	5550	5.57	6.05		11.00	11.00	5.18	3.41		Pass
HT40	MCS0	1	134	5670	2.60	3.95		11.00	11.00	5.18	3.41		Pass
VHT80	MCS0	1	106	5530	-7.44	-5.45		11.00	11.00	5.18	3.41		Pass
VHT80	MCS0	1	122	5610	0.58	1.43		11.00	11.00	5.18	3.41		Pass

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500			9.57	9.65	7.35				Pass
11a	6Mbps	2	116	5580			9.62	9.65	7.35				Pass
11a	6Mbps	2	140	5700			8.86	9.65	7.35				Pass
HT20	MCS0	2	100	5500			9.48	9.65	7.35				Pass
HT20	MCS0	2	116	5580			9.44	9.65	7.35				Pass
HT20	MCS0	2	140	5700			8.80	9.65	7.35				Pass
HT40	MCS0	2	102	5510			4.21	9.65	7.35				Pass
HT40	MCS0	2	110	5550			7.75	9.65	7.35				Pass
HT40	MCS0	2	134	5670			6.11	9.65	7.35				Pass
VHT80	MCS0	2	106	5530			-2.76	9.65	7.35				Pass
VHT80	MCS0	2	122	5610			3.79	9.65	7.35				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	8.05	7.77		11.00	11.00	5.18	3.41		Pass
HT20	MCS0	1	144	5720	7.91	7.93		11.00	11.00	5.18	3.41		Pass
HT40	MCS0	1	142	5710	5.92	6.01		11.00	11.00	5.18	3.41		Pass
VHT80	MCS0	1	138	5690	2.93	2.55		11.00	11.00	5.18	3.41		Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720			9.45	9.65	7.35				Pass
HT20	MCS0	2	144	5720			9.29	9.65	7.35				Pass
HT40	MCS0	2	142	5710			7.63	9.65	7.35				Pass
VHT80	MCS0	2	138	5690			4.88	9.65	7.35				Pass



Appendix B. Radiated Spurious Emission

Test Engineer :	Daniel Lee, Jacky Hong and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

Band 2 - 5250~5350MHz
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 52 5260MHz		5036.72	53.35	-20.65	74	43.09	31.65	6.05	27.44	190	342	P	H
		5148.92	43.7	-10.3	54	33.15	31.9	6.06	27.41	190	342	A	H
	*	5260	111.81	-	-	101.77	31.3	6.12	27.38	190	342	P	H
	*	5260	103.68	-	-	93.64	31.3	6.12	27.38	190	342	A	H
		5372.16	51.02	-22.98	74	40.76	31.39	6.22	27.35	190	342	P	H
		5365.68	42.1	-11.9	54	31.88	31.36	6.21	27.35	190	342	A	H
		5136.68	52.12	-21.88	74	41.54	31.93	6.06	27.41	105	335	P	V
		5149.6	43.59	-10.41	54	33.04	31.9	6.06	27.41	105	335	A	V
	*	5260	111.84	-	-	101.8	31.3	6.12	27.38	105	335	P	V
	*	5260	104.02	-	-	93.98	31.3	6.12	27.38	105	335	A	V
		5363.52	51.6	-22.4	74	41.4	31.35	6.21	27.36	105	335	P	V
		5364.96	42.75	-11.25	54	32.54	31.36	6.21	27.36	105	335	A	V
802.11a CH 60 5300MHz		5080.58	52.55	-21.45	74	42.04	31.88	6.06	27.43	202	342	P	H
		5083.98	43.48	-10.52	54	32.95	31.9	6.06	27.43	202	342	A	H
	*	5300	111.58	-	-	101.5	31.3	6.15	27.37	202	342	P	H
	*	5300	103.68	-	-	93.6	31.3	6.15	27.37	202	342	A	H
		5353.92	56.76	-17.24	74	46.6	31.32	6.2	27.36	202	342	P	H
		5350.08	49.12	-4.88	54	38.98	31.3	6.2	27.36	202	342	A	H
		5102.34	52.37	-21.63	74	41.73	32	6.06	27.42	108	336	P	V
		5072.76	43.85	-10.15	54	33.38	31.84	6.06	27.43	108	336	A	V
	*	5300	111.96	-	-	101.88	31.3	6.15	27.37	108	336	P	V
	*	5300	104.45	-	-	94.37	31.3	6.15	27.37	108	336	A	V
		5352	57.31	-16.69	74	47.16	31.31	6.2	27.36	108	336	P	V
		5350.08	50.09	-3.91	54	39.95	31.3	6.2	27.36	108	336	A	V



802.11a CH 64 5320MHz	*	5320	109.27	-	-	99.17	31.3	6.17	27.37	211	339	P	H
	*	5320	101.66	-	-	91.56	31.3	6.17	27.37	211	339	A	H
		5352	60.59	-13.41	74	50.44	31.31	6.2	27.36	211	339	P	H
		5350.08	51.55	-2.45	54	41.41	31.3	6.2	27.36	211	339	A	H
	*	5320	110.39	-	-	100.29	31.3	6.17	27.37	100	334	P	V
	*	5320	102.83	-	-	92.73	31.3	6.17	27.37	100	334	A	V
		5350.08	62.27	-11.73	74	52.13	31.3	6.2	27.36	100	334	P	V
		5350.08	52.56	-1.44	54	42.42	31.3	6.2	27.36	100	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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	46.93	-21.27	68.2	53.43	39.96	9.95	56.41	100	0	P	H
		15780	46.71	-27.29	74	51.91	37.98	12.54	55.72	100	0	P	H
		17956	55.53	-18.47	74	51.63	46.87	13.53	56.5	261	219	P	H
		17956	45.46	-8.54	54	41.56	46.87	13.53	56.5	261	219	A	H
		10520	47.24	-20.96	68.2	53.74	39.96	9.95	56.41	100	0	P	V
		15780	46.03	-27.97	74	51.23	37.98	12.54	55.72	100	0	P	V
		18000	55.47	-18.53	74	50.28	48.1	13.56	56.47	317	182	P	V
		18000	45.31	-8.69	54	40.12	48.1	13.56	56.47	317	182	A	V
802.11a CH 60 5300MHz		10600	46.57	-27.43	74	52.74	40.2	9.99	56.36	100	0	P	H
		15900	44.99	-29.01	74	50.28	37.8	12.57	55.66	100	0	P	H
		17967	56.01	-17.99	74	51.79	47.18	13.54	56.5	262	207	P	H
		17967	45.77	-8.23	54	41.55	47.18	13.54	56.5	262	207	A	H
		10600	45.74	-28.26	74	51.91	40.2	9.99	56.36	100	0	P	V
		15900	44.85	-29.15	74	50.14	37.8	12.57	55.66	100	0	P	V
		17989	55.59	-18.41	74	50.73	47.79	13.55	56.48	320	188	P	V
		17989	45.34	-8.66	54	40.48	47.79	13.55	56.48	320	188	A	V
802.11a CH 64 5320MHz		10640	46.97	-27.03	74	53.11	40.2	10	56.34	100	0	P	H
		15960	43.84	-30.16	74	49.09	37.8	12.58	55.63	100	0	P	H
		18000	55.16	-18.84	74	49.97	48.1	13.56	56.47	262	217	P	H
		18000	45.88	-8.12	54	40.69	48.1	13.56	56.47	262	217	A	H
		10640	48.49	-25.51	74	54.63	40.2	10	56.34	100	0	P	V
		15960	44.5	-29.5	74	49.75	37.8	12.58	55.63	100	0	P	V
		17967	55.45	-18.55	74	51.23	47.18	13.54	56.5	310	189	P	V
		17967	45.99	-8.01	54	41.77	47.18	13.54	56.5	310	189	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 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		5026.86	52.67	-21.33	74	42.45	31.61	6.05	27.44	203	341	P	H
		5143.82	43.35	-10.65	54	32.79	31.91	6.06	27.41	203	341	A	H
	*	5260	111.85	-	-	101.81	31.3	6.12	27.38	203	341	P	H
	*	5260	103.45	-	-	93.41	31.3	6.12	27.38	203	341	A	H
		5373.36	51.44	-22.56	74	41.18	31.39	6.22	27.35	203	341	P	H
		5362.32	42.31	-11.69	54	32.11	31.35	6.21	27.36	203	341	A	H
		5046.92	51.86	-22.14	74	41.56	31.69	6.05	27.44	103	335	P	V
		5148.58	43.57	-10.43	54	33.02	31.9	6.06	27.41	103	335	A	V
	*	5260	112.08	-	-	102.04	31.3	6.12	27.38	103	335	P	V
	*	5260	103.9	-	-	93.86	31.3	6.12	27.38	103	335	A	V
		5364.24	51.35	-22.65	74	41.14	31.36	6.21	27.36	103	335	P	V
		5364.48	42.76	-11.24	54	32.55	31.36	6.21	27.36	103	335	A	V
802.11n HT20 CH 60 5300MHz		5135.66	52.15	-21.85	74	41.57	31.93	6.06	27.41	217	341	P	H
		5083.3	43.34	-10.66	54	32.81	31.9	6.06	27.43	217	341	A	H
	*	5300	111.82	-	-	101.74	31.3	6.15	27.37	217	341	P	H
	*	5300	102.87	-	-	92.79	31.3	6.15	27.37	217	341	A	H
		5353.92	56.63	-17.37	74	46.47	31.32	6.2	27.36	217	341	P	H
		5350.56	48.98	-5.02	54	38.84	31.3	6.2	27.36	217	341	A	H
		5054.74	52.29	-21.71	74	41.94	31.73	6.06	27.44	106	334	P	V
		5078.88	43.8	-10.2	54	33.3	31.87	6.06	27.43	106	334	A	V
	*	5300	112.11	-	-	102.03	31.3	6.15	27.37	106	334	P	V
	*	5300	104.16	-	-	94.08	31.3	6.15	27.37	106	334	A	V
	5356.08	58.67	-15.33	74	48.51	31.32	6.2	27.36	106	334	P	V	
	5350.08	50.22	-3.78	54	40.08	31.3	6.2	27.36	106	334	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	109.3	-	-	99.2	31.3	6.17	27.37	201	341	P	H
	*	5320	101.38	-	-	91.28	31.3	6.17	27.37	201	341	A	H
		5351.84	60.86	-13.14	74	50.71	31.31	6.2	27.36	201	341	P	H
		5350.08	52.41	-1.59	54	42.27	31.3	6.2	27.36	201	341	A	H
	*	5320	110.35	-	-	100.25	31.3	6.17	27.37	101	334	P	V
	*	5320	102.48	-	-	92.38	31.3	6.17	27.37	101	334	A	V
		5351.04	62.08	-11.92	74	51.94	31.3	6.2	27.36	101	334	P	V
		5350.08	52.88	-1.12	54	42.74	31.3	6.2	27.36	101	334	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 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	47.08	-21.12	68.2	53.58	39.96	9.95	56.41	100	0	P	H
		15780	46.88	-27.12	74	52.08	37.98	12.54	55.72	100	0	P	H
		17989	55.41	-18.59	74	50.55	47.79	13.55	56.48	242	215	P	H
		17989	46.32	-7.68	54	41.46	47.79	13.55	56.48	242	215	A	H
		10520	48.31	-19.89	68.2	54.81	39.96	9.95	56.41	100	0	P	V
		15780	45.43	-28.57	74	50.63	37.98	12.54	55.72	100	0	P	V
		17978	55.44	-18.56	74	50.9	47.48	13.55	56.49	318	196	P	V
	17978	46.33	-7.67	54	41.79	47.48	13.55	56.49	318	196	A	V	
802.11n HT20 CH 60 5300MHz		10600	46.72	-27.28	74	52.89	40.2	9.99	56.36	100	0	P	H
		15900	44.94	-29.06	74	50.23	37.8	12.57	55.66	100	0	P	H
		17956	55.05	-18.95	74	51.15	46.87	13.53	56.5	243	212	P	H
		17956	45.45	-8.55	54	41.55	46.87	13.53	56.5	243	212	A	H
		10600	47.65	-26.35	74	53.82	40.2	9.99	56.36	100	0	P	V
		15900	45.5	-28.5	74	50.79	37.8	12.57	55.66	100	0	P	V
		18000	55.78	-18.22	74	50.59	48.1	13.56	56.47	328	197	P	V
	18000	46.14	-7.86	54	40.95	48.1	13.56	56.47	328	197	A	V	
802.11n HT20 CH 64 5320MHz		10640	47.17	-26.83	74	53.31	40.2	10	56.34	100	0	P	H
		15960	46.19	-27.81	74	51.44	37.8	12.58	55.63	100	0	P	H
		18000	56.13	-17.87	74	50.94	48.1	13.56	56.47	243	210	P	H
		18000	46.45	-7.55	54	41.26	48.1	13.56	56.47	243	210	A	H
		10640	47.67	-26.33	74	53.81	40.2	10	56.34	100	0	P	V
		15960	44.38	-29.62	74	49.63	37.8	12.58	55.63	100	0	P	V
		17945	55.52	-18.48	74	51.95	46.56	13.52	56.51	343	195	P	V
	17945	45.32	-8.68	54	41.75	46.56	13.52	56.51	343	195	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 (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		5149.94	54.52	-19.48	74	43.97	31.9	6.06	27.41	204	341	P	H	
		5145.18	47.69	-6.31	54	37.13	31.91	6.06	27.41	204	341	A	H	
	*	5270	109.59	-	-	99.54	31.3	6.13	27.38	204	341	P	H	
	*	5270	102.19	-	-	92.14	31.3	6.13	27.38	204	341	A	H	
		5351.76	56.88	-17.12	74	46.73	31.31	6.2	27.36	204	341	P	H	
		5350.08	50.07	-3.93	54	39.93	31.3	6.2	27.36	204	341	A	H	
		5114.92	55.39	-18.61	74	44.78	31.97	6.06	27.42	106	335	P	V	
		5148.92	47.87	-6.13	54	37.32	31.9	6.06	27.41	106	335	A	V	
	*	5270	110.21	-	-	100.16	31.3	6.13	27.38	106	335	P	V	
	*	5270	102.59	-	-	92.54	31.3	6.13	27.38	106	335	A	V	
		5350.32	59.36	-14.64	74	49.22	31.3	6.2	27.36	106	335	P	V	
		5350.08	50.53	-3.47	54	40.39	31.3	6.2	27.36	106	335	A	V	
	802.11n HT40 CH 62 5310MHz		5079.56	51.75	-22.25	74	41.24	31.88	6.06	27.43	213	339	P	H
			5091.12	43.47	-10.53	54	32.89	31.95	6.06	27.43	213	339	A	H
*		5310	103.73	-	-	93.64	31.3	6.16	27.37	213	339	P	H	
*		5310	96.07	-	-	85.98	31.3	6.16	27.37	213	339	A	H	
		5354.4	59.39	-14.61	74	49.23	31.32	6.2	27.36	213	339	P	H	
		5350.56	52.53	-1.47	54	42.39	31.3	6.2	27.36	213	339	A	H	
		5019.72	52.58	-21.42	74	42.39	31.58	6.05	27.44	100	335	P	V	
		5088.06	43.59	-10.41	54	33.03	31.93	6.06	27.43	100	335	A	V	
*		5310	104.58	-	-	94.49	31.3	6.16	27.37	100	335	P	V	
*		5310	96.95	-	-	86.86	31.3	6.16	27.37	100	335	A	V	
	5354.88	59.9	-14.1	74	49.74	31.32	6.2	27.36	100	335	P	V		
	5350.08	52.94	-1.06	54	42.8	31.3	6.2	27.36	100	335	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	47.48	-20.72	68.2	53.9	40.02	9.96	56.4	100	0	P	H
		15810	46.75	-27.25	74	52.02	37.89	12.55	55.71	100	0	P	H
		17934	55.67	-18.33	74	52.42	46.25	13.52	56.52	167	231	P	H
		17934	46.54	-7.46	54	43.29	46.25	13.52	56.52	167	231	A	H
		10540	46.96	-21.24	68.2	53.38	40.02	9.96	56.4	100	0	P	V
		15810	44.84	-29.16	74	50.11	37.89	12.55	55.71	100	0	P	V
		17945	55.46	-18.54	74	51.89	46.56	13.52	56.51	233	304	P	V
802.11n HT40 CH 62 5310MHz		10620	47.51	-26.49	74	53.67	40.2	9.99	56.35	100	0	P	H
		15930	44.76	-29.24	74	50.03	37.8	12.58	55.65	100	0	P	H
		18000	56.09	-17.91	74	50.9	48.1	13.56	56.47	205	211	P	H
		18000	48.72	-5.28	54	43.53	48.1	13.56	56.47	205	211	A	H
		10620	47.58	-26.42	74	53.74	40.2	9.99	56.35	100	0	P	V
		15930	45.55	-28.45	74	50.82	37.8	12.58	55.65	100	0	P	V
		17989	55.57	-18.43	74	50.71	47.79	13.55	56.48	125	302	P	V
	17989	48.56	-5.44	54	43.7	47.79	13.55	56.48	125	302	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 (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		5138.72	54.49	-19.51	74	43.92	31.92	6.06	27.41	205	341	P	H
		5149.26	48.69	-5.31	54	38.14	31.9	6.06	27.41	205	341	A	H
	*	5290	102.25	-	-	92.17	31.3	6.15	27.37	205	341	P	H
	*	5290	95.3	-	-	85.22	31.3	6.15	27.37	205	341	A	H
		5390.64	60.14	-13.86	74	49.8	31.46	6.23	27.35	205	341	P	H
		5358.72	52.35	-1.65	54	42.18	31.33	6.2	27.36	205	341	A	H
		5146.2	53.35	-20.65	74	42.79	31.91	6.06	27.41	103	335	P	V
		5145.18	47.94	-6.06	54	37.38	31.91	6.06	27.41	103	335	A	V
	*	5290	102.86	-	-	92.78	31.3	6.15	27.37	103	335	P	V
	*	5290	95.93	-	-	85.85	31.3	6.15	27.37	103	335	A	V
		5378.16	58.36	-15.64	74	48.08	31.41	6.22	27.35	103	335	P	V
	5360.64	52.64	-1.36	54	42.45	31.34	6.21	27.36	103	335	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)

Table with 14 columns: 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). Rows include data for 802.11ac VHT80 CH 58 5290MHz and a Remark section.



Band 3 - 5470~5725MHz
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 100 5500MHz		5460.08	62.18	-6.02	68.2	51.53	31.72	6.26	27.33	250	334	P	H
		5469.52	67.09	-1.11	68.2	56.42	31.74	6.26	27.33	250	334	P	H
		5459.44	50.51	-3.49	54	39.86	31.72	6.26	27.33	250	334	A	H
	*	5500	111.39	-	-	100.64	31.8	6.27	27.32	250	334	P	H
	*	5500	103.72	-	-	92.97	31.8	6.27	27.32	250	334	A	H
		5458.8	53.87	-20.13	74	43.22	31.72	6.26	27.33	400	3	P	V
		5469.52	59.65	-8.55	68.2	48.98	31.74	6.26	27.33	400	3	P	V
		5460	44.89	-9.11	54	34.24	31.72	6.26	27.33	400	3	A	V
	*	5500	107.81	-	-	97.06	31.8	6.27	27.32	400	3	P	V
	*	5500	99.81	-	-	89.06	31.8	6.27	27.32	400	3	A	V
802.11a CH 116 5580MHz		5428.48	52.56	-21.44	74	42.04	31.61	6.25	27.34	241	333	P	H
		5470	51.81	-16.39	68.2	41.14	31.74	6.26	27.33	241	333	P	H
		5458.48	43.68	-10.32	54	33.03	31.72	6.26	27.33	241	333	A	H
	*	5580	113.05	-	-	102.32	31.82	6.29	27.38	241	333	P	H
	*	5580	105.44	-	-	94.71	31.82	6.29	27.38	241	333	A	H
		5739.17	52.16	-16.04	68.2	41.1	32.08	6.47	27.49	241	333	P	H
		5459.44	49.73	-24.27	74	39.08	31.72	6.26	27.33	391	1	P	V
		5470	49.78	-18.42	68.2	39.11	31.74	6.26	27.33	391	1	P	V
		5455.36	42.16	-11.84	54	31.52	31.71	6.26	27.33	391	1	A	V
	*	5580	108.7	-	-	97.97	31.82	6.29	27.38	391	1	P	V
	*	5580	100.27	-	-	89.54	31.82	6.29	27.38	391	1	A	V
	5751.14	49.87	-18.33	68.2	38.79	32.1	6.48	27.5	391	1	P	V	



802.11a CH 140 5700MHz	*	5700	111.56	-	-	100.6	32	6.42	27.46	247	331	P	H
	*	5700	104.24	-	-	93.28	32	6.42	27.46	247	331	A	H
		5726.36	66.76	-1.44	68.2	55.74	32.05	6.45	27.48	247	331	P	H
	*	5700	108.96	-	-	98	32	6.42	27.46	389	16	P	V
	*	5700	101.42	-	-	90.46	32	6.42	27.46	389	16	A	V
		5730.36	60.63	-7.57	68.2	49.6	32.06	6.46	27.49	389	16	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 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	47.94	-26.06	74	53.52	40.4	10.15	56.13	100	0	P	H
		16500	46.67	-21.53	68.2	49.91	39.4	12.77	55.41	100	0	P	H
		17978	56.34	-17.66	74	51.8	47.48	13.55	56.49	255	202	P	H
		17978	45.94	-8.06	54	41.4	47.48	13.55	56.49	255	202	A	H
		11000	47.23	-26.77	74	52.81	40.4	10.15	56.13	100	0	P	V
		16500	46.73	-21.47	68.2	49.97	39.4	12.77	55.41	100	0	P	V
		17989	56.07	-17.93	74	51.21	47.79	13.55	56.48	332	199	P	V
		17989	46.77	-7.23	54	41.91	47.79	13.55	56.48	332	199	A	V
802.11a CH 116 5580MHz		11160	49.87	-24.13	74	55.76	39.88	10.25	56.02	100	0	P	H
		16740	47.29	-20.91	68.2	49.97	40.08	12.85	55.61	100	0	P	H
		17967	56.02	-17.98	74	51.8	47.18	13.54	56.5	241	189	P	H
		17967	46.12	-7.88	54	41.9	47.18	13.54	56.5	241	189	A	H
		11160	47.2	-26.8	74	53.09	39.88	10.25	56.02	100	0	P	V
		16740	47.89	-20.31	68.2	50.57	40.08	12.85	55.61	100	0	P	V
		18000	55.39	-18.61	74	50.2	48.1	13.56	56.47	300	202	P	V
		18000	46.59	-7.41	54	41.4	48.1	13.56	56.47	300	202	A	V
802.11a CH 140 5700MHz		11400	47.72	-26.28	74	53.39	39.8	10.39	55.86	100	0	P	H
		17100	46.94	-21.26	68.2	50.16	39.8	13.01	56.03	100	0	P	H
		17989	56.37	-17.63	74	51.51	47.79	13.55	56.48	239	200	P	H
		17989	46.57	-7.43	54	41.71	47.79	13.55	56.48	239	200	A	H
		11400	47.67	-26.33	74	53.34	39.8	10.39	55.86	100	0	P	V
		17100	48.09	-20.11	68.2	51.31	39.8	13.01	56.03	100	0	P	V
		17978	56.34	-17.66	74	51.8	47.48	13.55	56.49	331	205	P	V
		17978	46.14	-7.86	54	41.6	47.48	13.55	56.49	331	205	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz
WIFI 802.11n 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		5459.92	59.04	-14.96	74	48.39	31.72	6.26	27.33	249	333	P	H
		5469.84	64.42	-3.78	68.2	53.75	31.74	6.26	27.33	249	333	P	H
		5459.28	49.71	-4.29	54	39.06	31.72	6.26	27.33	249	333	A	H
	*	5500	111.37	-	-	100.62	31.8	6.27	27.32	249	333	P	H
	*	5500	103.91	-	-	93.16	31.8	6.27	27.32	249	333	A	H
		5455.28	53.6	-20.4	74	42.96	31.71	6.26	27.33	400	2	P	V
		5468.24	61.29	-6.91	68.2	50.62	31.74	6.26	27.33	400	2	P	V
		5460	45.93	-8.07	54	35.28	31.72	6.26	27.33	400	2	A	V
	*	5500	108.29	-	-	97.54	31.8	6.27	27.32	400	2	P	V
	*	5500	100.48	-	-	89.73	31.8	6.27	27.32	400	2	A	V
802.11n HT20 CH 116 5580MHz		5459.44	51.53	-22.47	74	40.88	31.72	6.26	27.33	260	331	P	H
		5461.84	51.83	-16.37	68.2	41.18	31.72	6.26	27.33	260	331	P	H
		5455.84	43.5	-10.5	54	32.86	31.71	6.26	27.33	260	331	A	H
	*	5580	112.87	-	-	102.14	31.82	6.29	27.38	260	331	P	H
	*	5580	105.18	-	-	94.45	31.82	6.29	27.38	260	331	A	H
		5730.035	52.42	-15.78	68.2	41.39	32.06	6.46	27.49	260	331	P	H
		5456.08	50.3	-23.7	74	39.66	31.71	6.26	27.33	385	22	P	V
		5465.44	50.35	-17.85	68.2	39.69	31.73	6.26	27.33	385	22	P	V
		5458.48	42.24	-11.76	54	31.59	31.72	6.26	27.33	385	22	A	V
	*	5580	109.16	-	-	98.43	31.82	6.29	27.38	385	22	P	V
*	5580	101.68	-	-	90.95	31.82	6.29	27.38	385	22	A	V	
	5735.075	51.29	-16.91	68.2	40.25	32.07	6.46	27.49	385	22	P	V	



802.11n	*	5700	112.46	-	-	101.5	32	6.42	27.46	248	330	P	H
	*	5700	104.56	-	-	93.6	32	6.42	27.46	248	330	A	H
HT20		5725.16	66.56	-1.64	68.2	55.54	32.05	6.45	27.48	248	330	P	H
CH 140	*	5700	109.89	-	-	98.93	32	6.42	27.46	388	18	P	V
5700MHz	*	5700	101.77	-	-	90.81	32	6.42	27.46	388	18	A	V
		5725.32	63.52	-4.68	68.2	52.5	32.05	6.45	27.48	388	18	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 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	48.33	-25.67	74	53.91	40.4	10.15	56.13	100	0	P	H
		16500	46.68	-21.52	68.2	49.92	39.4	12.77	55.41	100	0	P	H
		17989	56.17	-17.83	74	51.31	47.79	13.55	56.48	246	203	P	H
		17989	46.07	-7.93	54	41.21	47.79	13.55	56.48	246	203	A	H
		11000	47.22	-26.78	74	52.8	40.4	10.15	56.13	100	0	P	V
		16500	46.52	-21.68	68.2	49.76	39.4	12.77	55.41	100	0	P	V
		17978	56.74	-17.26	74	52.2	47.48	13.55	56.49	305	222	P	V
	17978	46.24	-7.76	54	41.7	47.48	13.55	56.49	305	222	A	V	
802.11n HT20 CH 116 5580MHz		11160	49.04	-24.96	74	54.93	39.88	10.25	56.02	100	0	P	H
		16740	47.31	-20.89	68.2	49.99	40.08	12.85	55.61	100	0	P	H
		17989	56.47	-17.53	74	51.61	47.79	13.55	56.48	265	203	P	H
		17989	46.27	-7.73	54	41.41	47.79	13.55	56.48	265	203	A	H
		11160	47.45	-26.55	74	53.34	39.88	10.25	56.02	100	0	P	V
		16740	47.15	-21.05	68.2	49.83	40.08	12.85	55.61	100	0	P	V
		18000	56.49	-17.51	74	51.3	48.1	13.56	56.47	285	221	P	V
	18000	46.39	-7.61	54	41.2	48.1	13.56	56.47	285	221	A	V	
802.11n HT20 CH 140 5700MHz		11400	47.36	-26.64	74	53.03	39.8	10.39	55.86	100	0	P	H
		17100	47.15	-21.05	68.2	50.37	39.8	13.01	56.03	100	0	P	H
		17989	56.77	-17.23	74	51.91	47.79	13.55	56.48	266	219	P	H
		17989	46.47	-7.53	54	41.61	47.79	13.55	56.48	266	219	A	H
		11400	46.99	-27.01	74	52.66	39.8	10.39	55.86	100	0	P	V
		17100	47.53	-20.67	68.2	50.75	39.8	13.01	56.03	100	0	P	V
		18000	56.49	-17.51	74	51.3	48.1	13.56	56.47	278	216	P	V
	18000	46.59	-7.41	54	41.4	48.1	13.56	56.47	278	216	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n 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		5459.44	61.99	-12.01	74	51.34	31.72	6.26	27.33	217	337	P	H
		5468.8	67.29	-0.91	68.2	56.62	31.74	6.26	27.33	217	337	P	H
		5459.92	53.18	-0.82	54	42.53	31.72	6.26	27.33	217	337	A	H
	*	5510	106.63	-	-	95.91	31.78	6.27	27.33	217	337	P	H
	*	5510	98.56	-	-	87.84	31.78	6.27	27.33	217	337	A	H
		5744.21	50.74	-17.46	68.2	39.68	32.09	6.47	27.5	217	337	P	H
		5452	52.82	-21.18	74	42.19	31.7	6.26	27.33	400	0	P	V
		5469.76	59.13	-9.07	68.2	48.46	31.74	6.26	27.33	400	0	P	V
		5459.68	46.27	-7.73	54	35.62	31.72	6.26	27.33	400	0	A	V
	*	5510	101.43	-	-	90.71	31.78	6.27	27.33	400	0	P	V
	*	5510	93.64	-	-	82.92	31.78	6.27	27.33	400	0	A	V
		5765	50.32	-17.88	68.2	39.23	32.1	6.5	27.51	400	0	P	V
802.11n HT40 CH 110 5550MHz		5457.52	61.04	-12.96	74	50.39	31.72	6.26	27.33	220	339	P	H
		5466.4	65.23	-2.97	68.2	54.57	31.73	6.26	27.33	220	339	P	H
		5457.52	52.74	-1.26	54	42.09	31.72	6.26	27.33	220	339	A	H
	*	5550	111.38	-	-	100.76	31.7	6.28	27.36	220	339	P	H
	*	5550	103.7	-	-	93.08	31.7	6.28	27.36	220	339	A	H
		5729.405	52.85	-15.35	68.2	41.82	32.06	6.46	27.49	220	339	P	H
		5459.2	56.21	-17.79	74	45.56	31.72	6.26	27.33	400	2	P	V
		5466.64	57.25	-10.95	68.2	46.59	31.73	6.26	27.33	400	2	P	V
		5458.24	47.46	-6.54	54	36.81	31.72	6.26	27.33	400	2	A	V
	*	5550	105.69	-	-	95.07	31.7	6.28	27.36	400	2	P	V
	*	5550	98.01	-	-	87.39	31.7	6.28	27.36	400	2	A	V
		5742.95	51.24	-16.96	68.2	40.17	32.09	6.47	27.49	400	2	P	V



802.11n HT40 CH 134 5670MHz		5437.85	49.76	-24.24	74	39.2	31.65	6.25	27.34	227	336	P	H
		5465.85	50	-18.2	68.2	39.34	31.73	6.26	27.33	227	336	P	H
		5446.25	42.99	-11.01	54	32.38	31.69	6.25	27.33	227	336	A	H
	*	5670	109.96	-	-	99.14	31.88	6.38	27.44	227	336	P	H
	*	5670	102.34	-	-	91.52	31.88	6.38	27.44	227	336	A	H
		5728.46	64.66	-3.54	68.2	53.63	32.06	6.45	27.48	227	336	P	H
		5423.5	49.57	-24.43	74	39.07	31.59	6.25	27.34	350	18	P	V
		5462	49.21	-18.99	68.2	38.56	31.72	6.26	27.33	350	18	P	V
		5458.5	42.2	-11.8	54	31.55	31.72	6.26	27.33	350	18	A	V
	*	5670	106.72	-	-	95.9	31.88	6.38	27.44	350	18	P	V
	*	5670	99.27	-	-	88.45	31.88	6.38	27.44	350	18	A	V
		5729.72	58.56	-9.64	68.2	47.53	32.06	6.46	27.49	350	18	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	47	-27	74	52.64	40.32	10.16	56.12	100	0	P	H
		16530	46.09	-22.11	68.2	49.35	39.4	12.78	55.44	100	0	P	H
		17967	56.42	-17.58	74	52.2	47.18	13.54	56.5	236	188	P	H
		17967	46.02	-7.98	54	41.8	47.18	13.54	56.5	236	188	A	H
		11020	48.18	-25.82	74	53.82	40.32	10.16	56.12	100	0	P	V
		16530	45.4	-22.8	68.2	48.66	39.4	12.78	55.44	100	0	P	V
		17978	57.04	-16.96	74	52.5	47.48	13.55	56.49	311	209	P	V
802.11n HT40 CH 110 5550MHz		11100	46.34	-27.66	74	52.19	40	10.21	56.06	100	0	P	H
		16650	46.82	-21.38	68.2	49.84	39.7	12.82	55.54	100	0	P	H
		18000	56.79	-17.21	74	51.6	48.1	13.56	56.47	288	241	P	H
		18000	46.39	-7.61	54	41.2	48.1	13.56	56.47	288	241	A	H
		11100	46.08	-27.92	74	51.93	40	10.21	56.06	100	0	P	V
		16650	46.5	-21.7	68.2	49.52	39.7	12.82	55.54	100	0	P	V
		17989	56.17	-17.83	74	51.31	47.79	13.55	56.48	302	203	P	V
	17989	46.27	-7.73	54	41.41	47.79	13.55	56.48	302	203	A	V	
802.11n HT40 CH 134 5670MHz		11340	46.1	-27.9	74	51.91	39.74	10.35	55.9	100	0	P	H
		17010	47.12	-21.08	68.2	49.86	40.16	12.95	55.85	100	0	P	H
		17989	55.67	-18.33	74	50.81	47.79	13.55	56.48	213	206	P	H
		17989	45.97	-8.03	54	41.11	47.79	13.55	56.48	213	206	A	H
		11340	46.48	-27.52	74	52.29	39.74	10.35	55.9	100	0	P	V
		17010	47.36	-20.84	68.2	50.1	40.16	12.95	55.85	100	0	P	V
		17956	56.1	-17.9	74	52.2	46.87	13.53	56.5	331	208	P	V
	17956	46.1	-7.9	54	42.2	46.87	13.53	56.5	331	208	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac 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		5441.68	57.95	-16.05	74	47.37	31.67	6.25	27.34	249	333	P	H
		5467.84	57.85	-10.35	68.2	47.18	31.74	6.26	27.33	249	333	P	H
		5459.92	51.85	-2.15	54	41.2	31.72	6.26	27.33	249	333	A	H
	*	5530	97.98	-	-	87.3	31.74	6.28	27.34	249	333	P	H
	*	5530	90.63	-	-	79.95	31.74	6.28	27.34	249	333	A	H
		5759.33	50.62	-17.58	68.2	39.54	32.1	6.49	27.51	249	333	P	H
		5458.96	54.76	-19.24	74	44.11	31.72	6.26	27.33	100	308	P	V
		5464.48	54.35	-13.85	68.2	43.69	31.73	6.26	27.33	100	308	P	V
		5454.88	48.81	-5.19	54	38.17	31.71	6.26	27.33	100	308	A	V
	*	5530	94.88	-	-	84.2	31.74	6.28	27.34	100	308	P	V
	*	5530	87.61	-	-	76.93	31.74	6.28	27.34	100	308	A	V
		5750.51	51.21	-16.99	68.2	40.13	32.1	6.48	27.5	100	308	P	V
802.11ac VHT80 CH 122 5610MHz		5459.55	59.85	-14.15	74	49.2	31.72	6.26	27.33	231	336	P	H
		5469.7	59.8	-8.4	68.2	49.13	31.74	6.26	27.33	231	336	P	H
		5459.9	52.98	-1.02	54	42.33	31.72	6.26	27.33	231	336	A	H
	*	5610	106.73	-	-	95.94	31.88	6.31	27.4	231	336	P	H
	*	5610	99.85	-	-	89.06	31.88	6.31	27.4	231	336	A	H
		5725.625	59.58	-8.62	68.2	48.56	32.05	6.45	27.48	231	336	P	H
		5455	53.67	-20.33	74	43.03	31.71	6.26	27.33	100	306	P	V
		5463.75	55	-13.2	68.2	44.34	31.73	6.26	27.33	100	306	P	V
		5459.55	48.5	-5.5	54	37.85	31.72	6.26	27.33	100	306	A	V
	*	5610	103.59	-	-	92.8	31.88	6.31	27.4	100	306	P	V
	*	5610	96.8	-	-	86.01	31.88	6.31	27.4	100	306	A	V
		5726.885	59.07	-9.13	68.2	48.05	32.05	6.45	27.48	100	306	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	46.94	-27.06	74	52.68	40.16	10.19	56.09	100	0	P	H
		16590	46.74	-21.46	68.2	50.03	39.4	12.8	55.49	100	0	P	H
		17989	55.77	-18.23	74	50.91	47.79	13.55	56.48	255	202	P	H
		17989	46.67	-7.33	54	41.81	47.79	13.55	56.48	255	202	A	H
		11060	46.88	-27.12	74	52.62	40.16	10.19	56.09	100	0	P	V
		16590	46.87	-21.33	68.2	50.16	39.4	12.8	55.49	100	0	P	V
		17989	55.67	-18.33	74	50.81	47.79	13.55	56.48	305	223	P	V
802.11ac VHT80 CH 122 5610MHz		11220	46.02	-27.98	74	51.94	39.78	10.28	55.98	100	0	P	H
		16830	47.65	-20.55	68.2	50.28	40.17	12.89	55.69	100	0	P	H
		17967	55.82	-18.18	74	51.6	47.18	13.54	56.5	204	198	P	H
		17967	46.02	-7.98	54	41.8	47.18	13.54	56.5	204	198	A	H
		11220	46.59	-27.41	74	52.51	39.78	10.28	55.98	100	0	P	V
		16830	46.85	-21.35	68.2	49.48	40.17	12.89	55.69	100	0	P	V
		17956	56	-18	74	52.1	46.87	13.53	56.5	311	208	P	V
	17956	46.1	-7.9	54	42.2	46.87	13.53	56.5	311	208	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5404.6	51.71	-22.29	74	41.29	31.52	6.24	27.34	232	332	P	H
		5467.39	50.47	-17.73	68.2	39.81	31.73	6.26	27.33	232	332	P	H
		5445.55	42.31	-11.69	54	31.71	31.68	6.25	27.33	232	332	A	H
	*	5720	114.26	-	-	103.26	32.04	6.44	27.48	232	332	P	H
	*	5720	106.52	-	-	95.52	32.04	6.44	27.48	232	332	A	H
		5886.25	51.81	-16.39	68.2	40.43	32.44	6.54	27.6	232	332	P	H
		5459.2	51.18	-22.82	74	40.53	31.72	6.26	27.33	385	15	P	V
		5463.1	49.85	-18.35	68.2	39.19	31.73	6.26	27.33	385	15	P	V
		5456.86	41.76	-12.24	54	31.12	31.71	6.26	27.33	385	15	A	V
	*	5720	111.84	-	-	100.84	32.04	6.44	27.48	385	15	P	V
	*	5720	104.12	-	-	93.12	32.04	6.44	27.48	385	15	A	V
			5905.5	51.71	-16.49	68.2	40.26	32.52	6.54	27.61	385	15	P
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)

Table with 14 columns: 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). Rows include data for 802.11a CH 144 5720MHz and a Remark section.



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		5443.21	50.87	-23.13	74	40.28	31.67	6.25	27.33	307	323	P	H
		5469.34	49.65	-18.55	68.2	38.98	31.74	6.26	27.33	307	323	P	H
		5454.91	42.09	-11.91	54	31.45	31.71	6.26	27.33	307	323	A	H
	*	5720	113.31	-	-	102.31	32.04	6.44	27.48	307	323	P	H
	*	5720	105.31	-	-	94.31	32.04	6.44	27.48	307	323	A	H
		5949.75	52.64	-15.56	68.2	41.04	32.7	6.54	27.64	307	323	P	H
		5440.09	50.11	-23.89	74	39.54	31.66	6.25	27.34	100	302	P	V
		5464.66	49.94	-18.26	68.2	39.28	31.73	6.26	27.33	100	302	P	V
		5454.13	41.71	-12.29	54	31.07	31.71	6.26	27.33	100	302	A	V
	*	5720	110.91	-	-	99.91	32.04	6.44	27.48	100	302	P	V
	*	5720	103.41	-	-	92.41	32.04	6.44	27.48	100	302	A	V
		5882.25	51.98	-16.22	68.2	40.61	32.43	6.54	27.6	100	302	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)

Table with 14 columns: 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). Rows include data for 802.11n HT20 CH 144 at 5720MHz and a Remark section.



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		5417.86	51.71	-22.29	74	41.23	31.57	6.25	27.34	223	335	P	H
		5461.93	50.64	-17.56	68.2	39.99	31.72	6.26	27.33	223	335	P	H
		5456.08	43.65	-10.35	54	33.01	31.71	6.26	27.33	223	335	A	H
	*	5710	112.82	-	-	101.84	32.02	6.43	27.47	223	335	P	H
	*	5710	105.26	-	-	94.28	32.02	6.43	27.47	223	335	A	H
		5863	55.02	-13.18	68.2	43.71	32.35	6.54	27.58	223	335	P	H
		5409.28	49.41	-24.59	74	38.97	31.54	6.24	27.34	355	16	P	V
		5469.34	48.91	-19.29	68.2	38.24	31.74	6.26	27.33	355	16	P	V
		5459.98	42.07	-11.93	54	31.42	31.72	6.26	27.33	355	16	A	V
	*	5710	107.58	-	-	96.6	32.02	6.43	27.47	355	16	P	V
	*	5710	99.78	-	-	88.8	32.02	6.43	27.47	355	16	A	V
		5898.75	52.45	-15.75	68.2	41.03	32.49	6.54	27.61	355	16	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)

Table with 14 columns: 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). Rows include data for 802.11n HT40 CH 142 at 5710MHz and a Remark section.



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		5444.77	53.46	-20.54	74	42.86	31.68	6.25	27.33	223	334	P	H
		5467.39	55.22	-12.98	68.2	44.56	31.73	6.26	27.33	223	334	P	H
		5452.57	48.08	-5.92	54	37.44	31.71	6.26	27.33	223	334	A	H
	*	5690	109.08	-	-	98.17	31.96	6.41	27.46	223	334	P	H
	*	5690	101.62	-	-	90.71	31.96	6.41	27.46	223	334	A	H
		5851.3	62.33	-5.87	68.2	51.05	32.31	6.54	27.57	223	334	P	H
		5451.79	51.52	-22.48	74	40.89	31.7	6.26	27.33	110	307	P	V
		5460.37	52.8	-15.4	68.2	42.15	31.72	6.26	27.33	110	307	P	V
		5452.57	46.82	-7.18	54	36.18	31.71	6.26	27.33	110	307	A	V
	*	5690	106.43	-	-	95.52	31.96	6.41	27.46	110	307	P	V
	*	5690	98.45	-	-	87.54	31.96	6.41	27.46	110	307	A	V
		5865.4	57.46	-10.74	68.2	46.14	32.36	6.54	27.58	110	307	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)

Table with 14 columns: 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). Rows include data for 802.11ac VHT80 CH 138 5690MHz and a Remark section.



Emission above 18GHz

WIFI 802.11n HT40 (SHF)

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)
802.11n HT40 SHF		36810	45.2	-23	68.2	40.61	42.8	18.85	57.06	100	0	P	H
		39252	47.52	-26.48	74	38.6	44.45	19.62	55.15	100	0	P	H
		33840	43.66	-24.54	68.2	39.45	41.03	17.89	54.71	100	0	P	V
		37712	44.88	-23.32	68.2	39.7	42.87	18.66	56.35	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

WIFI 802.11n HT40 (LF)

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)
802.11n HT40 LF		191.99	25.63	-17.87	43.5	41.79	14.87	1.24	32.27	-	-	P	H
		211.39	25.02	-18.48	43.5	40.89	15.05	1.3	32.22	-	-	P	H
		480.08	26.53	-19.47	46	32.88	23.64	1.88	31.87	-	-	P	H
		766.23	30.03	-15.97	46	31.21	28.02	2.38	31.58	-	-	P	H
		878.75	31.6	-14.4	46	31.31	28.8	2.6	31.11	-	-	P	H
		952.47	33.13	-12.87	46	30.6	30.61	2.7	30.78	100	0	P	H
		32.91	30.89	-9.11	40	39.37	23.25	0.5	32.23	100	0	P	V
		132.82	25.45	-18.05	43.5	39.06	17.62	1.01	32.24	-	-	P	V
		211.39	28.47	-15.03	43.5	44.34	15.05	1.3	32.22	-	-	P	V
		771.08	29.42	-16.58	46	30.52	28.05	2.39	31.54	-	-	P	V
		830.25	30.85	-15.15	46	31.25	28.37	2.47	31.24	-	-	P	V
		947.62	31.97	-14.03	46	29.69	30.39	2.69	30.8	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5085.34	51.47	-22.53	74	40.93	31.91	6.06	27.43	248	90	P	H
		5106.08	42.94	-11.06	54	32.31	31.99	6.06	27.42	248	90	A	H
	*	5260	106.03	-	-	95.99	31.3	6.12	27.38	248	90	P	H
	*	5260	98.48	-	-	88.44	31.3	6.12	27.38	248	90	A	H
		5448.24	50.04	-23.96	74	39.43	31.69	6.25	27.33	248	90	P	H
		5424.48	41.5	-12.5	54	30.99	31.6	6.25	27.34	248	90	A	H
		5095.88	53.32	-20.68	74	42.71	31.98	6.06	27.43	177	138	P	V
		5100.98	44.85	-9.15	54	34.21	32	6.06	27.42	177	138	A	V
	*	5260	112.11	-	-	102.07	31.3	6.12	27.38	177	138	P	V
	*	5260	104.59	-	-	94.55	31.3	6.12	27.38	177	138	A	V
		5415.12	51.4	-22.6	74	40.94	31.56	6.24	27.34	177	138	P	V
		5416.08	43.65	-10.35	54	33.19	31.56	6.24	27.34	177	138	A	V
802.11a CH 60 5300MHz		5095.54	51.9	-22.1	74	41.3	31.97	6.06	27.43	253	81	P	H
		5146.54	42.78	-11.22	54	32.22	31.91	6.06	27.41	253	81	A	H
	*	5300	106.46	-	-	96.38	31.3	6.15	27.37	253	81	P	H
	*	5300	98.85	-	-	88.77	31.3	6.15	27.37	253	81	A	H
		5351.76	53.46	-20.54	74	43.31	31.31	6.2	27.36	253	81	P	H
		5350.08	45.04	-8.96	54	34.9	31.3	6.2	27.36	253	81	A	H
		5085	53.63	-20.37	74	43.09	31.91	6.06	27.43	171	137	P	V
		5144.84	44.84	-9.16	54	34.28	31.91	6.06	27.41	171	137	A	V
	*	5300	111.84	-	-	101.76	31.3	6.15	27.37	171	137	P	V
	*	5300	104.22	-	-	94.14	31.3	6.15	27.37	171	137	A	V
		5354.88	56.77	-17.23	74	46.61	31.32	6.2	27.36	171	137	P	V
		5350.08	49.29	-4.71	54	39.15	31.3	6.2	27.36	171	137	A	V



802.11a CH 64 5320MHz	*	5320	104.51	-	-	94.41	31.3	6.17	27.37	253	79	P	H
	*	5320	96.88	-	-	86.78	31.3	6.17	27.37	253	79	A	H
		5354.08	54.12	-19.88	74	43.96	31.32	6.2	27.36	253	79	P	H
		5350.08	46.27	-7.73	54	36.13	31.3	6.2	27.36	253	79	A	H
	*	5320	109.9	-	-	99.8	31.3	6.17	27.37	187	137	P	V
	*	5320	102.23	-	-	92.13	31.3	6.17	27.37	187	137	A	V
		5350.4	60.68	-13.32	74	50.54	31.3	6.2	27.36	187	137	P	V
		5350.24	50.53	-3.47	54	40.39	31.3	6.2	27.36	187	137	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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	49.29	-18.91	68.2	55.79	39.96	9.95	56.41	100	0	P	H
		15780	45.35	-28.65	74	50.55	37.98	12.54	55.72	100	0	P	H
		17989	55.77	-18.23	74	50.91	47.79	13.55	56.48	264	188	P	H
		17989	46.07	-7.93	54	41.21	47.79	13.55	56.48	264	188	A	H
		10520	48.28	-19.92	68.2	54.78	39.96	9.95	56.41	100	0	P	V
		15780	44.93	-29.07	74	50.13	37.98	12.54	55.72	100	0	P	V
		17989	55.37	-18.63	74	50.51	47.79	13.55	56.48	311	179	P	V
		17989	46.17	-7.83	54	41.31	47.79	13.55	56.48	311	179	A	V
802.11a CH 60 5300MHz		10600	47.01	-26.99	74	53.18	40.2	9.99	56.36	100	0	P	H
		15900	45.03	-28.97	74	50.32	37.8	12.57	55.66	100	0	P	H
		17978	55.94	-18.06	74	51.4	47.48	13.55	56.49	245	205	P	H
		17978	45.74	-8.26	54	41.2	47.48	13.55	56.49	245	205	A	H
		10600	47.16	-26.84	74	53.33	40.2	9.99	56.36	100	0	P	V
		15900	45.37	-28.63	74	50.66	37.8	12.57	55.66	100	0	P	V
		17967	55.72	-18.28	74	51.5	47.18	13.54	56.5	315	221	P	V
		17967	45.52	-8.48	54	41.3	47.18	13.54	56.5	315	221	A	V
802.11a CH 64 5320MHz		10640	47.89	-26.11	74	54.03	40.2	10	56.34	100	0	P	H
		15960	44.15	-29.85	74	49.4	37.8	12.58	55.63	100	0	P	H
		18000	56.49	-17.51	74	51.3	48.1	13.56	56.47	255	231	P	H
		18000	46.59	-7.41	54	41.4	48.1	13.56	56.47	255	231	A	H
		10640	47.75	-26.25	74	53.89	40.2	10	56.34	100	0	P	V
		15960	44.98	-29.02	74	50.23	37.8	12.58	55.63	100	0	P	V
		18000	56.99	-17.01	74	51.8	48.1	13.56	56.47	311	189	P	V
		18000	46.59	-7.41	54	41.4	48.1	13.56	56.47	311	189	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 HT20 (Band Edge @ 3m)

WIFI Ant. 2	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		5107.44	51.81	-22.19	74	41.18	31.99	6.06	27.42	253	81	P	H
		5096.56	42.78	-11.22	54	32.16	31.98	6.06	27.42	253	81	A	H
	*	5260	106.14	-	-	96.1	31.3	6.12	27.38	253	81	P	H
	*	5260	98.39	-	-	88.35	31.3	6.12	27.38	253	81	A	H
		5418.48	51.03	-22.97	74	40.55	31.57	6.25	27.34	253	81	P	H
		5412.48	41.6	-12.4	54	31.15	31.55	6.24	27.34	253	81	A	H
		5100.98	53.62	-20.38	74	42.98	32	6.06	27.42	179	137	P	V
		5102.34	45.03	-8.97	54	34.39	32	6.06	27.42	179	137	A	V
	*	5260	111.91	-	-	101.87	31.3	6.12	27.38	179	137	P	V
	*	5260	104.01	-	-	93.97	31.3	6.12	27.38	179	137	A	V
		5424.96	51.84	-22.16	74	41.33	31.6	6.25	27.34	179	137	P	V
		5417.04	43.63	-10.37	54	33.15	31.57	6.25	27.34	179	137	A	V
802.11n HT20 CH 60 5300MHz		5077.18	52.11	-21.89	74	41.62	31.86	6.06	27.43	255	80	P	H
		5144.16	42.82	-11.18	54	32.26	31.91	6.06	27.41	255	80	A	H
	*	5300	106.5	-	-	96.42	31.3	6.15	27.37	255	80	P	H
	*	5300	98.87	-	-	88.79	31.3	6.15	27.37	255	80	A	H
		5350.32	53.68	-20.32	74	43.54	31.3	6.2	27.36	255	80	P	H
		5350.8	45.64	-8.36	54	35.5	31.3	6.2	27.36	255	80	A	H
		5069.36	53.14	-20.86	74	42.69	31.82	6.06	27.43	177	123	P	V
		5134.98	45.45	-8.55	54	34.87	31.93	6.06	27.41	177	123	A	V
	*	5300	111.3	-	-	101.22	31.3	6.15	27.37	177	123	P	V
	*	5300	103.82	-	-	93.74	31.3	6.15	27.37	177	123	A	V
	5350.8	59.83	-14.17	74	49.69	31.3	6.2	27.36	177	123	P	V	
	5350.08	49.33	-4.67	54	39.19	31.3	6.2	27.36	177	123	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	102.96	-	-	92.86	31.3	6.17	27.37	100	134	P	H
	*	5320	95.54	-	-	85.44	31.3	6.17	27.37	100	134	A	H
		5357.6	51.86	-22.14	74	41.69	31.33	6.2	27.36	100	134	P	H
		5350.24	44.78	-9.22	54	34.64	31.3	6.2	27.36	100	134	A	H
	*	5320	109.01	-	-	98.91	31.3	6.17	27.37	187	122	P	V
	*	5320	100.81	-	-	90.71	31.3	6.17	27.37	187	122	A	V
		5351.2	57.82	-16.18	74	47.68	31.3	6.2	27.36	187	122	P	V
		5350.08	49.78	-4.22	54	39.64	31.3	6.2	27.36	187	122	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 HT20 (Harmonic @ 3m)

WIFI Ant. 2	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	49.14	-19.06	68.2	55.64	39.96	9.95	56.41	100	0	P	H
		15780	45.51	-28.49	74	50.71	37.98	12.54	55.72	100	0	P	H
		17989	56.17	-17.83	74	51.31	47.79	13.55	56.48	235	208	P	H
		17989	45.97	-8.03	54	41.11	47.79	13.55	56.48	235	208	A	H
		10520	49.63	-18.57	68.2	56.13	39.96	9.95	56.41	100	0	P	V
		15780	44.83	-29.17	74	50.03	37.98	12.54	55.72	100	0	P	V
		17978	56.64	-17.36	74	52.1	47.48	13.55	56.49	311	196	P	V
	17978	46.64	-7.36	54	42.1	47.48	13.55	56.49	311	196	A	V	
802.11n HT20 CH 60 5300MHz		10600	50.9	-23.1	74	57.07	40.2	9.99	56.36	100	0	P	H
		15900	45.46	-28.54	74	50.75	37.8	12.57	55.66	100	0	P	H
		18000	56.59	-17.41	74	51.4	48.1	13.56	56.47	241	216	P	H
		18000	46.09	-7.91	54	40.9	48.1	13.56	56.47	241	216	A	H
		10600	49.25	-24.75	74	55.42	40.2	9.99	56.36	100	0	P	V
		15900	45.39	-28.61	74	50.68	37.8	12.57	55.66	100	0	P	V
		18000	56.79	-17.21	74	51.6	48.1	13.56	56.47	326	321	P	V
	18000	46.39	-7.61	54	41.2	48.1	13.56	56.47	326	321	A	V	
802.11n HT20 CH 64 5320MHz		10640	47.69	-26.31	74	53.83	40.2	10	56.34	100	0	P	H
		15960	44.76	-29.24	74	50.01	37.8	12.58	55.63	100	0	P	H
		18000	56.29	-17.71	74	51.1	48.1	13.56	56.47	269	196	P	H
		18000	46.09	-7.91	54	40.9	48.1	13.56	56.47	269	196	A	H
		10640	47.8	-26.2	74	53.94	40.2	10	56.34	100	0	P	V
		15960	44.52	-29.48	74	49.77	37.8	12.58	55.63	100	0	P	V
		17956	56	-18	74	52.1	46.87	13.53	56.5	313	169	P	V
	17956	45.6	-8.4	54	41.7	46.87	13.53	56.5	313	169	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5149.6	52.49	-21.51	74	41.94	31.9	6.06	27.41	100	127	P	H
		5149.94	44.84	-9.16	54	34.29	31.9	6.06	27.41	100	127	A	H
	*	5270	103.75	-	-	93.7	31.3	6.13	27.38	100	127	P	H
	*	5270	96.65	-	-	86.6	31.3	6.13	27.38	100	127	A	H
		5350.56	52.67	-21.33	74	42.53	31.3	6.2	27.36	100	127	P	H
		5350.56	45.23	-8.77	54	35.09	31.3	6.2	27.36	100	127	A	H
		5149.6	54.38	-19.62	74	43.83	31.9	6.06	27.41	100	102	P	V
		5149.94	47.62	-6.38	54	37.07	31.9	6.06	27.41	100	102	A	V
	*	5270	108.85	-	-	98.8	31.3	6.13	27.38	100	102	P	V
	*	5270	101.47	-	-	91.42	31.3	6.13	27.38	100	102	A	V
		5351.28	59.31	-14.69	74	49.16	31.31	6.2	27.36	100	102	P	V
		5350.08	51.68	-2.32	54	41.54	31.3	6.2	27.36	100	102	A	V
802.11n HT40 CH 62 5310MHz		5074.12	51.8	-22.2	74	41.33	31.84	6.06	27.43	100	132	P	H
		5052.7	43.48	-10.52	54	33.14	31.72	6.06	27.44	100	132	A	H
	*	5310	100.09	-	-	90	31.3	6.16	27.37	100	132	P	H
	*	5310	92.58	-	-	82.49	31.3	6.16	27.37	100	132	A	H
		5353.44	54.94	-19.06	74	44.79	31.31	6.2	27.36	100	132	P	H
		5355.12	47.84	-6.16	54	37.68	31.32	6.2	27.36	100	132	A	H
		5145.18	51.74	-22.26	74	41.18	31.91	6.06	27.41	201	122	P	V
		5145.86	44.38	-9.62	54	33.82	31.91	6.06	27.41	201	122	A	V
	*	5310	104.75	-	-	94.66	31.3	6.16	27.37	201	122	P	V
	*	5310	97.32	-	-	87.23	31.3	6.16	27.37	201	122	A	V
	5351.76	60.37	-13.63	74	50.22	31.31	6.2	27.36	201	122	P	V	
	5352.24	52.31	-1.69	54	42.16	31.31	6.2	27.36	201	122	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. 2	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	46.8	-21.4	68.2	53.22	40.02	9.96	56.4	100	0	P	H
		15810	43.53	-30.47	74	48.8	37.89	12.55	55.71	100	0	P	H
		18000	56.09	-17.91	74	50.9	48.1	13.56	56.47	231	205	P	H
		18000	46.29	-7.71	54	41.1	48.1	13.56	56.47	231	205	A	H
		10540	46.3	-21.9	68.2	52.72	40.02	9.96	56.4	100	0	P	V
		15810	44.48	-29.52	74	49.75	37.89	12.55	55.71	100	0	P	V
		17967	56.42	-17.58	74	52.2	47.18	13.54	56.5	311	209	P	V
802.11n HT40 CH 62 5310MHz		10620	46.71	-27.29	74	52.87	40.2	9.99	56.35	100	0	P	H
		15930	44.76	-29.24	74	50.03	37.8	12.58	55.65	100	0	P	H
		18000	56.29	-17.71	74	51.1	48.1	13.56	56.47	244	199	P	H
		18000	46.49	-7.51	54	41.3	48.1	13.56	56.47	244	199	A	H
		10620	48.96	-25.04	74	55.12	40.2	9.99	56.35	100	0	P	V
		15930	44.1	-29.9	74	49.37	37.8	12.58	55.65	100	0	P	V
		17967	56.42	-17.58	74	52.2	47.18	13.54	56.5	305	198	P	V
	17967	46.12	-7.88	54	41.9	47.18	13.54	56.5	305	198	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 (Band Edge @ 3m)

WIFI Ant. 2	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		5133.28	53.97	-20.03	74	43.4	31.93	6.06	27.42	100	126	P	H
		5142.8	47.83	-6.17	54	37.27	31.91	6.06	27.41	100	126	A	H
	*	5290	96.35	-	-	86.27	31.3	6.15	27.37	100	126	P	H
	*	5290	90.01	-	-	79.93	31.3	6.15	27.37	100	126	A	H
		5366.88	52.48	-21.52	74	42.25	31.37	6.21	27.35	100	126	P	H
		5357.28	46.53	-7.47	54	36.36	31.33	6.2	27.36	100	126	A	H
		5137.7	56.08	-17.92	74	45.51	31.92	6.06	27.41	100	104	P	V
		5142.46	50.14	-3.86	54	39.57	31.92	6.06	27.41	100	104	A	V
	*	5290	101.37	-	-	91.29	31.3	6.15	27.37	100	104	P	V
	*	5290	95.29	-	-	85.21	31.3	6.15	27.37	100	104	A	V
		5352.72	58.39	-15.61	74	48.24	31.31	6.2	27.36	100	104	P	V
		5361.36	52.78	-1.22	54	42.58	31.35	6.21	27.36	100	104	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)

Table with 14 columns: WIFI Ant. 2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ac VHT80 CH 58 at 5290MHz and a Remark section.



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

WIFI Ant. 2	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		5455.28	52.63	-21.37	74	41.99	31.71	6.26	27.33	100	308	P	H
		5469.68	59.71	-8.49	68.2	49.04	31.74	6.26	27.33	100	308	P	H
		5460	44.28	-9.72	54	33.63	31.72	6.26	27.33	100	308	A	H
	*	5500	103.75	-	-	93	31.8	6.27	27.32	100	308	P	H
	*	5500	96.35	-	-	85.6	31.8	6.27	27.32	100	308	A	H
		5450.8	59.49	-14.51	74	48.86	31.7	6.26	27.33	201	85	P	V
		5467.92	64.79	-3.41	68.2	54.12	31.74	6.26	27.33	201	85	P	V
		5460	49.44	-4.56	54	38.79	31.72	6.26	27.33	201	85	A	V
	*	5500	111.15	-	-	100.4	31.8	6.27	27.32	201	85	P	V
	*	5500	103.25	-	-	92.5	31.8	6.27	27.32	201	85	A	V
802.11a CH 116 5580MHz		5437.12	50.43	-23.57	74	39.87	31.65	6.25	27.34	324	69	P	H
		5467.12	50.31	-17.89	68.2	39.65	31.73	6.26	27.33	324	69	P	H
		5459.92	41.64	-12.36	54	30.99	31.72	6.26	27.33	324	69	A	H
	*	5580	106.44	-	-	95.71	31.82	6.29	27.38	324	69	P	H
	*	5580	98.79	-	-	88.06	31.82	6.29	27.38	324	69	A	H
		5734.76	51.18	-17.02	68.2	40.14	32.07	6.46	27.49	324	69	P	H
		5415.76	52.57	-21.43	74	42.11	31.56	6.24	27.34	177	359	P	V
		5466.64	51.76	-16.44	68.2	41.1	31.73	6.26	27.33	177	359	P	V
		5426.8	43.6	-10.4	54	33.08	31.61	6.25	27.34	177	359	A	V
	*	5580	111.54	-	-	100.81	31.82	6.29	27.38	177	359	P	V
	*	5580	103.91	-	-	93.18	31.82	6.29	27.38	177	359	A	V
		5735.075	51.6	-16.6	68.2	40.56	32.07	6.46	27.49	177	359	P	V



802.11a CH 140 5700MHz	*	5700	106.09	-	-	95.13	32	6.42	27.46	253	61	P	H
	*	5700	98.51	-	-	87.55	32	6.42	27.46	253	61	A	H
		5726.52	59.44	-8.76	68.2	48.42	32.05	6.45	27.48	253	61	P	H
	*	5700	108.84	-	-	97.88	32	6.42	27.46	156	351	P	V
	*	5700	101.38	-	-	90.42	32	6.42	27.46	156	351	A	V
		5725.88	62.91	-5.29	68.2	51.89	32.05	6.45	27.48	156	351	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.66	-25.34	74	54.24	40.4	10.15	56.13	100	0	P	H
		16500	45.97	-22.23	68.2	49.21	39.4	12.77	55.41	100	0	P	H
		17956	55.5	-18.5	74	51.6	46.87	13.53	56.5	241	199	P	H
		17956	45.3	-8.7	54	41.4	46.87	13.53	56.5	241	199	A	H
		11000	48.87	-25.13	74	54.45	40.4	10.15	56.13	100	0	P	V
		16500	46.66	-21.54	68.2	49.9	39.4	12.77	55.41	100	0	P	V
		17956	55.7	-18.3	74	51.8	46.87	13.53	56.5	303	208	P	V
		17956	46	-8	54	42.1	46.87	13.53	56.5	303	208	A	V
802.11a CH 116 5580MHz		11160	46.91	-27.09	74	52.8	39.88	10.25	56.02	100	0	P	H
		16740	47.09	-21.11	68.2	49.77	40.08	12.85	55.61	100	0	P	H
		17956	56.2	-17.8	74	52.3	46.87	13.53	56.5	205	222	P	H
		17956	45.8	-8.2	54	41.9	46.87	13.53	56.5	205	222	A	H
		11160	46.63	-27.37	74	52.52	39.88	10.25	56.02	100	0	P	V
		16740	47.05	-21.15	68.2	49.73	40.08	12.85	55.61	100	0	P	V
		17989	56.47	-17.53	74	51.61	47.79	13.55	56.48	300	211	P	V
		17989	46.97	-7.03	54	42.11	47.79	13.55	56.48	300	211	A	V
802.11a CH 140 5700MHz		11400	46.82	-27.18	74	52.49	39.8	10.39	55.86	100	0	P	H
		17100	48.02	-20.18	68.2	51.24	39.8	13.01	56.03	100	0	P	H
		17967	56.02	-17.98	74	51.8	47.18	13.54	56.5	264	202	P	H
		17967	46.02	-7.98	54	41.8	47.18	13.54	56.5	264	202	A	H
		11400	47.47	-26.53	74	53.14	39.8	10.39	55.86	100	0	P	V
		17100	47.94	-20.26	68.2	51.16	39.8	13.01	56.03	100	0	P	V
		18000	56.69	-17.31	74	51.5	48.1	13.56	56.47	288	264	P	V
		18000	47.09	-6.91	54	41.9	48.1	13.56	56.47	288	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	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		5458.48	53.13	-20.87	74	42.48	31.72	6.26	27.33	274	61	P	H
		5469.52	56.77	-11.43	68.2	46.1	31.74	6.26	27.33	274	61	P	H
		5459.92	43.66	-10.34	54	33.01	31.72	6.26	27.33	274	61	A	H
	*	5500	103.43	-	-	92.68	31.8	6.27	27.32	274	61	P	H
	*	5500	95.89	-	-	85.14	31.8	6.27	27.32	274	61	A	H
		5457.68	58.47	-15.53	74	47.82	31.72	6.26	27.33	157	96	P	V
		5468.4	64.35	-3.85	68.2	53.68	31.74	6.26	27.33	157	96	P	V
		5460	49.25	-4.75	54	38.6	31.72	6.26	27.33	157	96	A	V
	*	5500	110.02	-	-	99.27	31.8	6.27	27.32	157	96	P	V
	*	5500	102.17	-	-	91.42	31.8	6.27	27.32	157	96	A	V
802.11n HT20 CH 116 5580MHz		5415.28	50.64	-23.36	74	40.18	31.56	6.24	27.34	280	66	P	H
		5464.48	51.44	-16.76	68.2	40.78	31.73	6.26	27.33	280	66	P	H
		5458	41.74	-12.26	54	31.09	31.72	6.26	27.33	280	66	A	H
	*	5580	106.26	-	-	95.53	31.82	6.29	27.38	280	66	P	H
	*	5580	98.35	-	-	87.62	31.82	6.29	27.38	280	66	A	H
		5738.54	51.67	-16.53	68.2	40.61	32.08	6.47	27.49	280	66	P	H
		5421.04	51.93	-22.07	74	41.44	31.58	6.25	27.34	171	89	P	V
		5469.04	50.67	-17.53	68.2	40	31.74	6.26	27.33	171	89	P	V
		5425.6	44.45	-9.55	54	33.94	31.6	6.25	27.34	171	89	A	V
	*	5580	111.53	-	-	100.8	31.82	6.29	27.38	171	89	P	V
*	5580	103.82	-	-	93.09	31.82	6.29	27.38	171	89	A	V	
		5735.39	51.73	-16.47	68.2	40.69	32.07	6.46	27.49	171	89	P	V



802.11n	*	5700	106.67	-	-	95.71	32	6.42	27.46	255	62	P	H
	*	5700	99.26	-	-	88.3	32	6.42	27.46	255	62	A	H
HT20		5725.56	64.07	-4.13	68.2	53.05	32.05	6.45	27.48	255	62	P	H
CH 140	*	5700	110.07	-	-	99.11	32	6.42	27.46	169	351	P	V
5700MHz	*	5700	102.42	-	-	91.46	32	6.42	27.46	169	351	A	V
		5728.84	67.38	-0.82	68.2	56.35	32.06	6.45	27.48	169	351	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 HT20 (Harmonic @ 3m)

WIFI Ant. 2	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	47.88	-26.12	74	53.46	40.4	10.15	56.13	100	0	P	H
		16500	46.96	-21.24	68.2	50.2	39.4	12.77	55.41	100	0	P	H
		17989	56.27	-17.73	74	51.41	47.79	13.55	56.48	264	193	P	H
		17989	46.17	-7.83	54	41.31	47.79	13.55	56.48	264	193	A	H
		11000	46.84	-27.16	74	52.42	40.4	10.15	56.13	100	0	P	V
		16500	46.56	-21.64	68.2	49.8	39.4	12.77	55.41	100	0	P	V
		17989	56.57	-17.43	74	51.71	47.79	13.55	56.48	288	205	P	V
802.11n HT20 CH 116 5580MHz		11160	47.89	-26.11	74	53.78	39.88	10.25	56.02	100	0	P	H
		16740	47.76	-20.44	68.2	50.44	40.08	12.85	55.61	100	0	P	H
		18000	55.69	-18.31	74	50.5	48.1	13.56	56.47	254	215	P	H
		18000	45.89	-8.11	54	40.7	48.1	13.56	56.47	254	215	A	H
		11160	47.78	-26.22	74	53.67	39.88	10.25	56.02	100	0	P	V
		16740	48.3	-19.9	68.2	50.98	40.08	12.85	55.61	100	0	P	V
		17967	55.52	-18.48	74	51.3	47.18	13.54	56.5	312	189	P	V
802.11n HT20 CH 140 5700MHz		11400	46.13	-27.87	74	51.8	39.8	10.39	55.86	100	0	P	H
		17100	47	-21.2	68.2	50.22	39.8	13.01	56.03	100	0	P	H
		18000	56.09	-17.91	74	50.9	48.1	13.56	56.47	241	196	P	H
		18000	46.29	-7.71	54	41.1	48.1	13.56	56.47	241	196	A	H
		11400	46.75	-27.25	74	52.42	39.8	10.39	55.86	100	0	P	V
		17100	47.55	-20.65	68.2	50.77	39.8	13.01	56.03	100	0	P	V
		18000	56.59	-17.41	74	51.4	48.1	13.56	56.47	288	217	P	V
	18000	46.09	-7.91	54	40.9	48.1	13.56	56.47	288	217	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	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		5456.8	52.84	-21.16	74	42.2	31.71	6.26	27.33	274	63	P	H
		5469.52	58.52	-9.68	68.2	47.85	31.74	6.26	27.33	274	63	P	H
		5459.44	45.01	-8.99	54	34.36	31.72	6.26	27.33	274	63	A	H
	*	5510	97.97	-	-	87.25	31.78	6.27	27.33	274	63	P	H
	*	5510	90.55	-	-	79.83	31.78	6.27	27.33	274	63	A	H
		5731.295	51.33	-16.87	68.2	40.3	32.06	6.46	27.49	274	63	P	H
		5459.92	62.1	-11.9	74	51.45	31.72	6.26	27.33	174	95	P	V
		5467.6	66.21	-1.99	68.2	55.54	31.74	6.26	27.33	174	95	P	V
		5459.92	52.13	-1.87	54	41.48	31.72	6.26	27.33	174	95	A	V
	*	5510	105.11	-	-	94.39	31.78	6.27	27.33	174	95	P	V
	*	5510	97.66	-	-	86.94	31.78	6.27	27.33	174	95	A	V
		5726.255	51.77	-16.43	68.2	40.75	32.05	6.45	27.48	174	95	P	V
802.11n HT40 CH 110 5550MHz		5456.32	53.77	-20.23	74	43.13	31.71	6.26	27.33	273	63	P	H
		5464.24	56.21	-11.99	68.2	45.55	31.73	6.26	27.33	273	63	P	H
		5458.96	45.98	-8.02	54	35.33	31.72	6.26	27.33	273	63	A	H
	*	5550	104.23	-	-	93.61	31.7	6.28	27.36	273	63	P	H
	*	5550	95.97	-	-	85.35	31.7	6.28	27.36	273	63	A	H
		5759.33	52.27	-15.93	68.2	41.19	32.1	6.49	27.51	273	63	P	H
		5452.48	61.24	-12.76	74	50.61	31.7	6.26	27.33	165	358	P	V
		5466.16	64.38	-3.82	68.2	53.72	31.73	6.26	27.33	165	358	P	V
		5459.92	51.8	-2.2	54	41.15	31.72	6.26	27.33	165	358	A	V
	*	5550	109.98	-	-	99.36	31.7	6.28	27.36	165	358	P	V
	*	5550	101.67	-	-	91.05	31.7	6.28	27.36	165	358	A	V
		5727.83	52.52	-15.68	68.2	41.49	32.06	6.45	27.48	165	358	P	V



802.11n HT40 CH 134 5670MHz		5395.5	51.43	-22.57	74	41.06	31.48	6.24	27.35	263	64	P	H
		5464.45	50.71	-17.49	68.2	40.05	31.73	6.26	27.33	263	64	P	H
		5437.5	42.13	-11.87	54	31.57	31.65	6.25	27.34	263	64	A	H
	*	5670	104.03	-	-	93.21	31.88	6.38	27.44	263	64	P	H
	*	5670	96.45	-	-	85.63	31.88	6.38	27.44	263	64	A	H
		5725.94	62.32	-5.88	68.2	51.3	32.05	6.45	27.48	263	64	P	H
		5393.05	51.21	-22.79	74	40.86	31.47	6.23	27.35	169	350	P	V
		5466.2	51.92	-16.28	68.2	41.26	31.73	6.26	27.33	169	350	P	V
		5453.25	42.42	-11.58	54	31.78	31.71	6.26	27.33	169	350	A	V
	*	5670	107.49	-	-	96.67	31.88	6.38	27.44	169	350	P	V
	*	5670	100.35	-	-	89.53	31.88	6.38	27.44	169	350	A	V
		5725	66.98	-1.22	68.2	55.96	32.05	6.45	27.48	169	350	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. 2	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	46.74	-27.26	74	52.38	40.32	10.16	56.12	100	0	P	H
		16530	45.6	-22.6	68.2	48.86	39.4	12.78	55.44	100	0	P	H
		17989	55.77	-18.23	74	50.91	47.79	13.55	56.48	109	315	P	H
		17989	48.64	-5.36	54	43.78	47.79	13.55	56.48	109	315	A	H
		11020	46.92	-27.08	74	52.56	40.32	10.16	56.12	100	0	P	V
		16530	46.15	-22.05	68.2	49.41	39.4	12.78	55.44	100	0	P	V
		17956	55.5	-18.5	74	51.6	46.87	13.53	56.5	152	288	P	V
	17956	47.47	-6.53	54	43.57	46.87	13.53	56.5	152	288	A	V	
802.11n HT40 CH 110 5550MHz		11100	48.07	-25.93	74	53.92	40	10.21	56.06	100	0	P	H
		16650	47.23	-20.97	68.2	50.25	39.7	12.82	55.54	100	0	P	H
		17956	55.13	-18.87	74	51.23	46.87	13.53	56.5	109	293	P	H
		17956	47.78	-6.22	54	43.88	46.87	13.53	56.5	109	293	A	H
		11100	46.94	-27.06	74	52.79	40	10.21	56.06	100	0	P	V
		16650	47.03	-21.17	68.2	50.05	39.7	12.82	55.54	100	0	P	V
		17967	54.63	-19.37	74	50.41	47.18	13.54	56.5	153	209	P	V
	17967	47.78	-6.22	54	43.56	47.18	13.54	56.5	153	209	A	V	
802.11n HT40 CH 134 5670MHz		11340	46.99	-27.01	74	52.8	39.74	10.35	55.9	100	0	P	H
		17010	47.65	-20.55	68.2	50.39	40.16	12.95	55.85	100	0	P	H
		17989	55.69	-18.31	74	50.83	47.79	13.55	56.48	195	223	P	H
		17989	48.83	-5.17	54	43.97	47.79	13.55	56.48	195	223	A	H
		11340	46.91	-27.09	74	52.72	39.74	10.35	55.9	100	0	P	V
		17010	48.52	-19.68	68.2	51.26	40.16	12.95	55.85	100	0	P	V
		17989	55.75	-18.25	74	50.89	47.79	13.55	56.48	155	247	P	V
	17989	48.58	-5.42	54	43.72	47.79	13.55	56.48	155	247	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	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		5457.52	52.12	-21.88	74	41.47	31.72	6.26	27.33	333	68	P	H
		5464.96	52.58	-15.62	68.2	41.92	31.73	6.26	27.33	333	68	P	H
		5458.24	47.2	-6.8	54	36.55	31.72	6.26	27.33	333	68	A	H
	*	5530	93.92	-	-	83.24	31.74	6.28	27.34	333	68	P	H
	*	5530	86.38	-	-	75.7	31.74	6.28	27.34	333	68	A	H
		5745.155	50.52	-17.68	68.2	39.46	32.09	6.47	27.5	333	68	P	H
		5458.96	58.16	-15.84	74	47.51	31.72	6.26	27.33	178	359	P	V
		5460.16	59.18	-9.02	68.2	48.53	31.72	6.26	27.33	178	359	P	V
		5455.6	52.92	-1.08	54	42.28	31.71	6.26	27.33	178	359	A	V
	*	5530	99.08	-	-	88.4	31.74	6.28	27.34	178	359	P	V
	*	5530	91.57	-	-	80.89	31.74	6.28	27.34	178	359	A	V
		5741.69	50.46	-17.74	68.2	39.4	32.08	6.47	27.49	178	359	P	V
802.11ac VHT80 CH 122 5610MHz		5454.65	51.89	-22.11	74	41.25	31.71	6.26	27.33	297	66	P	H
		5468.3	52.15	-16.05	68.2	41.48	31.74	6.26	27.33	297	66	P	H
		5457.8	46.72	-7.28	54	36.07	31.72	6.26	27.33	297	66	A	H
	*	5610	100.52	-	-	89.73	31.88	6.31	27.4	297	66	P	H
	*	5610	93.2	-	-	82.41	31.88	6.31	27.4	297	66	A	H
		5733.815	58.47	-9.73	68.2	47.43	32.07	6.46	27.49	297	66	P	H
		5458.15	59.01	-14.99	74	48.36	31.72	6.26	27.33	197	351	P	V
		5460.6	59.8	-8.4	68.2	49.15	31.72	6.26	27.33	197	351	P	V
		5456.75	53.32	-0.68	54	42.68	31.71	6.26	27.33	197	351	A	V
	*	5610	105.45	-	-	94.66	31.88	6.31	27.4	197	351	P	V
	*	5610	98.32	-	-	87.53	31.88	6.31	27.4	197	351	A	V
		5730.035	61.38	-6.82	68.2	50.35	32.06	6.46	27.49	197	351	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. 2	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	47.44	-26.56	74	53.18	40.16	10.19	56.09	100	0	P	H
		16590	46.74	-21.46	68.2	50.03	39.4	12.8	55.49	100	0	P	H
		17978	55.43	-18.57	74	50.89	47.48	13.55	56.49	115	207	P	H
		17978	48.4	-5.6	54	43.86	47.48	13.55	56.49	115	207	A	H
		11060	46.79	-27.21	74	52.53	40.16	10.19	56.09	100	0	P	V
		16590	46.45	-21.75	68.2	49.74	39.4	12.8	55.49	100	0	P	V
		17978	55.04	-18.96	74	50.5	47.48	13.55	56.49	190	241	P	V
802.11ac VHT80 CH 122 5610MHz		11220	46.25	-27.75	74	52.17	39.78	10.28	55.98	100	0	P	H
		16830	46.65	-21.55	68.2	49.28	40.17	12.89	55.69	100	0	P	H
		17978	55.19	-18.81	74	50.65	47.48	13.55	56.49	159	231	P	H
		17978	48.21	-5.79	54	43.67	47.48	13.55	56.49	159	231	A	H
		11220	46.71	-27.29	74	52.63	39.78	10.28	55.98	100	0	P	V
		16830	47.17	-21.03	68.2	49.8	40.17	12.89	55.69	100	0	P	V
		17978	54.7	-19.3	74	50.16	47.48	13.55	56.49	134	209	P	V
	17978	47.99	-6.01	54	43.45	47.48	13.55	56.49	134	209	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5441.65	49.88	-24.12	74	39.3	31.67	6.25	27.34	256	61	P	H
		5464.66	49.34	-18.86	68.2	38.68	31.73	6.26	27.33	256	61	P	H
		5452.18	41.5	-12.5	54	30.87	31.7	6.26	27.33	256	61	A	H
	*	5720	108.64	-	-	97.64	32.04	6.44	27.48	256	61	P	H
	*	5720	100.98	-	-	89.98	32.04	6.44	27.48	256	61	A	H
		5879.25	52.42	-15.78	68.2	41.05	32.42	6.54	27.59	256	61	P	H
		5376.13	50.26	-23.74	74	39.99	31.4	6.22	27.35	165	350	P	V
		5463.88	49.32	-18.88	68.2	38.66	31.73	6.26	27.33	165	350	P	V
		5458.42	41.75	-12.25	54	31.1	31.72	6.26	27.33	165	350	A	V
	*	5720	112	-	-	101	32.04	6.44	27.48	165	350	P	V
	*	5720	104.27	-	-	93.27	32.04	6.44	27.48	165	350	A	V
		5887.5	52.06	-16.14	68.2	40.67	32.45	6.54	27.6	165	350	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)

Table with 14 columns: WIFI Ant. 2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11a CH 144 5720MHz and a Remark section.



**Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 2	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		5429.56	50.94	-23.06	74	40.41	31.62	6.25	27.34	264	60	P	H
		5468.17	48.72	-19.48	68.2	38.05	31.74	6.26	27.33	264	60	P	H
		5456.08	41.55	-12.45	54	30.91	31.71	6.26	27.33	264	60	A	H
	*	5720	109.76	-	-	98.76	32.04	6.44	27.48	264	60	P	H
	*	5720	100.93	-	-	89.93	32.04	6.44	27.48	264	60	A	H
		5899	52.71	-15.49	68.2	41.28	32.5	6.54	27.61	264	60	P	H
		5440.09	51.26	-22.74	74	40.69	31.66	6.25	27.34	168	350	P	V
		5467	50.45	-17.75	68.2	39.79	31.73	6.26	27.33	168	350	P	V
		5457.25	41.93	-12.07	54	31.29	31.71	6.26	27.33	168	350	A	V
	*	5720	111.84	-	-	100.84	32.04	6.44	27.48	168	350	P	V
	*	5720	103.78	-	-	92.78	32.04	6.44	27.48	168	350	A	V
		5885.25	52.51	-15.69	68.2	41.13	32.44	6.54	27.6	168	350	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)

Table with 14 columns: WIFI Ant. 2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include frequencies 11440, 17160, 17978, 18000 and various antenna/table positions.

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. 2	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		5412.01	50.04	-23.96	74	39.59	31.55	6.24	27.34	243	63	P	H
		5463.88	50.04	-18.16	68.2	39.38	31.73	6.26	27.33	243	63	P	H
		5442.04	42.2	-11.8	54	31.62	31.67	6.25	27.34	243	63	A	H
	*	5710	106.52	-	-	95.54	32.02	6.43	27.47	243	63	P	H
	*	5710	98.63	-	-	87.65	32.02	6.43	27.47	243	63	A	H
		5865	52.32	-15.88	68.2	41	32.36	6.54	27.58	243	63	P	H
		5454.91	51.37	-22.63	74	40.73	31.71	6.26	27.33	166	351	P	V
		5464.66	49.06	-19.14	68.2	38.4	31.73	6.26	27.33	166	351	P	V
		5444.77	42.09	-11.91	54	31.49	31.68	6.25	27.33	166	351	A	V
	*	5710	109.97	-	-	98.99	32.02	6.43	27.47	166	351	P	V
	*	5710	102.2	-	-	91.22	32.02	6.43	27.47	166	351	A	V
		5868.5	52.76	-15.44	68.2	41.44	32.37	6.54	27.59	166	351	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)

Table with 14 columns: WIFI Ant. 2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11n HT40 CH 142 at 5710MHz and a Remark section.



**Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 2	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		5364.43	50.19	-23.81	74	39.98	31.36	6.21	27.36	242	63	P	H
		5462.71	50.55	-17.65	68.2	39.89	31.73	6.26	27.33	242	63	P	H
		5459.98	43.92	-10.08	54	33.27	31.72	6.26	27.33	242	63	A	H
	*	5690	102.38	-	-	91.47	31.96	6.41	27.46	242	63	P	H
	*	5690	95.61	-	-	84.7	31.96	6.41	27.46	242	63	A	H
		5850.7	58.53	-9.67	68.2	47.26	32.3	6.54	27.57	242	63	P	H
		5426.44	51.75	-22.25	74	41.23	31.61	6.25	27.34	180	352	P	V
		5470	52.51	-15.69	68.2	41.84	31.74	6.26	27.33	180	352	P	V
		5459.2	45.67	-8.33	54	35.02	31.72	6.26	27.33	180	352	A	V
	*	5690	106.8	-	-	95.89	31.96	6.41	27.46	180	352	P	V
	*	5690	99.37	-	-	88.46	31.96	6.41	27.46	180	352	A	V
		5850.1	58.6	-9.6	68.2	47.33	32.3	6.54	27.57	180	352	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)

Table with 14 columns: WIFI Ant. 2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ac VHT80 CH 138 5690MHz and a Remark section.



Emission above 18GHz

5GHz WIFI 802.11ac VHT80 (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz		32762	42.58	-25.62	68.2	38.74	40.5	17.54	54.2	100	0	P	H
802.11ac		36700	44.73	-23.47	68.2	40.15	42.8	18.82	57.04	100	0	P	H
VHT80		28428	40.28	-27.92	68.2	38.89	39.9	15.58	54.09	100	0	P	V
SHF		35468	42.89	-25.31	68.2	38.07	42.31	18.6	56.09	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



**Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		30.97	21.89	-18.11	40	29.43	24.21	0.48	32.23	-	-	P	H
		191.99	25.74	-17.76	43.5	41.9	14.87	1.24	32.27	-	-	P	H
		211.39	24.25	-19.25	43.5	40.12	15.05	1.3	32.22	-	-	P	H
		570.29	26.46	-19.54	46	30.8	26.03	2.02	32.39	-	-	P	H
		796.3	31.22	-14.78	46	32.16	27.97	2.44	31.35	-	-	P	H
		952.47	32.62	-13.38	46	30.09	30.61	2.7	30.78	100	0	P	H
		30	29.06	-10.94	40	36.21	24.59	0.48	32.22	100	0	P	V
		129.91	23.72	-19.78	43.5	37.36	17.61	0.99	32.24	-	-	P	V
		211.39	24.79	-18.71	43.5	40.66	15.05	1.3	32.22	-	-	P	V
		680.87	28.27	-17.73	46	31.78	26.42	2.25	32.18	-	-	P	V
		913.67	31.5	-14.5	46	30.89	28.91	2.68	30.98	-	-	P	V
	949.56	32.3	-13.7	46	29.9	30.5	2.69	30.79	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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

WIFI Ant. 1+2	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		4824.3	53.32	-20.68	74	43.66	31.15	5.98	27.47	104	341	P	H
		4829.16	44.93	-9.07	54	35.26	31.16	5.98	27.47	104	341	A	H
	*	5260	113.7	-	-	103.66	31.3	6.12	27.38	104	341	P	H
	*	5260	105.86	-	-	95.82	31.3	6.12	27.38	104	341	A	H
		5421.6	52.02	-21.98	74	41.52	31.59	6.25	27.34	104	341	P	H
		5363.28	42.67	-11.33	54	32.47	31.35	6.21	27.36	104	341	A	H
		4828.62	55.76	-18.24	74	46.09	31.16	5.98	27.47	100	335	P	V
		4828.62	48.06	-5.94	54	38.39	31.16	5.98	27.47	100	335	A	V
	*	5260	115.32	-	-	105.28	31.3	6.12	27.38	100	335	P	V
	*	5260	107.85	-	-	97.81	31.3	6.12	27.38	100	335	A	V
		5368.8	52.57	-21.43	74	42.33	31.38	6.21	27.35	100	335	P	V
		5370.72	43.54	-10.46	54	33.29	31.38	6.22	27.35	100	335	A	V
802.11a CH 60 5300MHz		4850.76	53.37	-20.63	74	43.64	31.2	5.99	27.46	102	341	P	H
		4851.84	45.09	-8.91	54	35.36	31.2	5.99	27.46	102	341	A	H
	*	5300	113.14	-	-	103.06	31.3	6.15	27.37	102	341	P	H
	*	5300	105.58	-	-	95.5	31.3	6.15	27.37	102	341	A	H
		5350.56	58.8	-15.2	74	48.66	31.3	6.2	27.36	102	341	P	H
		5350.08	50.67	-3.33	54	40.53	31.3	6.2	27.36	102	341	A	H
		4856.16	55.47	-18.53	74	45.74	31.2	5.99	27.46	100	334	P	V
		4865.34	48.06	-5.94	54	38.32	31.2	6	27.46	100	334	A	V
	*	5300	115.65	-	-	105.57	31.3	6.15	27.37	100	334	P	V
	*	5300	108	-	-	97.92	31.3	6.15	27.37	100	334	A	V
		5351.04	59.46	-14.54	74	49.32	31.3	6.2	27.36	100	334	P	V
		5350.08	52.54	-1.46	54	42.4	31.3	6.2	27.36	100	334	A	V



802.11a CH 64 5320MHz	*	5320	110.12	-	-	100.02	31.3	6.17	27.37	189	338	P	H
	*	5320	102.93	-	-	92.83	31.3	6.17	27.37	189	338	A	H
		5354.56	59.5	-14.5	74	49.34	31.32	6.2	27.36	189	338	P	H
		5350.08	51.01	-2.99	54	40.87	31.3	6.2	27.36	189	338	P	H
	*	5320	113.48	-	-	103.38	31.3	6.17	27.37	100	334	P	V
	*	5320	105.8	-	-	95.7	31.3	6.17	27.37	100	334	A	V
		5355.52	59.89	-14.11	74	49.73	31.32	6.2	27.36	100	334	P	V
		5350.08	51.17	-2.83	54	41.03	31.3	6.2	27.36	100	334	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	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	49.71	-18.49	68.2	56.21	39.96	9.95	56.41	100	0	P	H
		15780	48.21	-25.79	74	53.41	37.98	12.54	55.72	100	0	P	H
		17967	56.17	-17.83	74	51.95	47.18	13.54	56.5	193	301	P	H
		17967	46.61	-7.39	54	42.39	47.18	13.54	56.5	193	301	A	H
		10520	51.2	-17	68.2	57.7	39.96	9.95	56.41	100	0	P	V
		15780	46.93	-27.07	74	52.13	37.98	12.54	55.72	100	0	P	V
		17989	56.25	-17.75	74	51.39	47.79	13.55	56.48	251	142	P	V
		17989	46.75	-7.25	54	41.89	47.79	13.55	56.48	251	142	A	V
802.11a CH 60 5300MHz		10600	55.46	-18.54	74	61.63	40.2	9.99	56.36	221	346	P	H
		10600	46.12	-7.88	54	52.29	40.2	9.99	56.36	221	346	A	H
		15900	47.26	-26.74	74	52.55	37.8	12.57	55.66	100	0	P	H
		17989	55.72	-18.28	74	50.86	47.79	13.55	56.48	195	302	P	H
		17989	46.41	-7.59	54	41.55	47.79	13.55	56.48	195	302	A	H
		10600	55.24	-18.76	74	61.41	40.2	9.99	56.36	192	4	P	V
		10600	46.02	-7.98	54	52.19	40.2	9.99	56.36	192	4	A	V
		15900	46.7	-27.3	74	51.99	37.8	12.57	55.66	100	0	P	V
		17989	55.74	-18.26	74	50.88	47.79	13.55	56.48	258	132	P	V
		17989	46.59	-7.41	54	41.73	47.79	13.55	56.48	258	132	A	V
802.11a CH 64 5320MHz		10640	49.04	-24.96	74	55.18	40.2	10	56.34	100	0	P	H
		15960	45.46	-28.54	74	50.71	37.8	12.58	55.63	100	0	P	H
		17989	56.1	-17.9	74	51.24	47.79	13.55	56.48	188	307	P	H
		17989	46.39	-7.61	54	41.53	47.79	13.55	56.48	188	307	A	H
		10640	52.21	-21.79	74	58.35	40.2	10	56.34	200	0	P	V
		10640	42.56	-11.44	54	48.7	40.2	10	56.34	200	0	A	V
		15960	44.13	-29.87	74	49.38	37.8	12.58	55.63	100	0	P	V
		17978	56.18	-17.82	74	51.64	47.48	13.55	56.49	251	135	P	V
		17978	46.47	-7.53	54	41.93	47.48	13.55	56.49	251	135	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 HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	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		4817.28	52.38	-21.62	74	42.74	31.13	5.98	27.47	182	338	P	H
		4824.84	44.9	-9.1	54	35.24	31.15	5.98	27.47	182	338	A	H
	*	5260	113.4	-	-	103.36	31.3	6.12	27.38	182	338	P	H
	*	5260	105.58	-	-	95.54	31.3	6.12	27.38	182	338	A	H
		5371.44	51.99	-22.01	74	41.73	31.39	6.22	27.35	182	338	P	H
		5364	42.8	-11.2	54	32.59	31.36	6.21	27.36	182	338	A	H
		5095.92	53.92	-20.08	74	43.31	31.98	6.06	27.43	100	334	P	V
		4827.54	45.51	-8.49	54	35.84	31.16	5.98	27.47	100	334	A	V
	*	5260	114.06	-	-	104.02	31.3	6.12	27.38	100	334	P	V
	*	5260	106.79	-	-	96.75	31.3	6.12	27.38	100	334	A	V
		5375.76	51.73	-22.27	74	41.46	31.4	6.22	27.35	100	334	P	V
		5368.08	43.41	-10.59	54	33.18	31.37	6.21	27.35	100	334	A	V
802.11n HT20 CH 60 5300MHz		5026.8	52.63	-21.37	74	42.41	31.61	6.05	27.44	165	337	P	H
		4853.46	43.95	-10.05	54	34.22	31.2	5.99	27.46	165	337	A	H
	*	5300	111.78	-	-	101.7	31.3	6.15	27.37	165	337	P	H
	*	5300	104.07	-	-	93.99	31.3	6.15	27.37	165	337	A	H
		5354.16	58.32	-15.68	74	48.16	31.32	6.2	27.36	165	337	P	H
		5351.04	49.7	-4.3	54	39.56	31.3	6.2	27.36	165	337	A	H
		4859.4	53.56	-20.44	74	43.83	31.2	5.99	27.46	101	334	P	V
		4861.56	45.87	-8.13	54	36.14	31.2	5.99	27.46	101	334	A	V
	*	5300	113.47	-	-	103.39	31.3	6.15	27.37	101	334	P	V
	*	5300	106.5	-	-	96.42	31.3	6.15	27.37	101	334	A	V
	5352	59.27	-14.73	74	49.12	31.31	6.2	27.36	101	334	P	V	
	5350.08	51.48	-2.52	54	41.34	31.3	6.2	27.36	101	334	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	109.29	-	-	99.19	31.3	6.17	27.37	161	337	P	H
	*	5320	101.69	-	-	91.59	31.3	6.17	27.37	161	337	A	H
		5354.56	57.38	-16.62	74	47.22	31.32	6.2	27.36	161	337	P	H
		5352.16	49.4	-4.6	54	39.25	31.31	6.2	27.36	161	337	A	H
	*	5320	112.21	-	-	102.11	31.3	6.17	27.37	100	335	P	V
	*	5320	104.85	-	-	94.75	31.3	6.17	27.37	100	335	A	V
		5350.72	61.05	-12.95	74	50.91	31.3	6.2	27.36	100	335	P	V
		5350.4	53.16	-0.84	54	43.02	31.3	6.2	27.36	100	335	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 HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	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	50.36	-17.84	68.2	56.86	39.96	9.95	56.41	100	0	P	H
		15780	48.15	-25.85	74	53.35	37.98	12.54	55.72	100	0	P	H
		17989	56.15	-17.85	74	51.29	47.79	13.55	56.48	188	311	P	H
		17989	46.52	-7.48	54	41.66	47.79	13.55	56.48	188	311	A	H
		10520	50.19	-18.01	68.2	56.69	39.96	9.95	56.41	100	0	P	V
		15780	46.75	-27.25	74	51.95	37.98	12.54	55.72	100	0	P	V
		17989	55.97	-18.03	74	51.11	47.79	13.55	56.48	241	133	P	V
802.11n HT20 CH 60 5300MHz		10600	54.81	-19.19	74	60.98	40.2	9.99	56.36	225	345	P	H
		10600	45.23	-8.77	54	51.4	40.2	9.99	56.36	225	345	A	H
		15900	46	-28	74	51.29	37.8	12.57	55.66	100	0	P	H
		17978	55.77	-18.23	74	51.23	47.48	13.55	56.49	188	291	P	H
		17978	46.07	-7.93	54	41.53	47.48	13.55	56.49	188	291	A	H
		10600	53.84	-20.16	74	60.01	40.2	9.99	56.36	192	4	P	V
		10600	44.36	-9.64	54	50.53	40.2	9.99	56.36	192	4	A	V
		15900	46.13	-27.87	74	51.42	37.8	12.57	55.66	100	0	P	V
		17978	56.08	-17.92	74	51.54	47.48	13.55	56.49	255	128	P	V
802.11n HT20 CH 64 5320MHz		10640	49.52	-24.48	74	55.66	40.2	10	56.34	100	0	P	H
		15960	44.86	-29.14	74	50.11	37.8	12.58	55.63	100	0	P	H
		18000	56.06	-17.94	74	50.87	48.1	13.56	56.47	185	287	P	H
		18000	46.85	-7.15	54	41.66	48.1	13.56	56.47	185	287	A	H
		10640	49.65	-24.35	74	55.79	40.2	10	56.34	100	0	P	V
		15960	44.85	-29.15	74	50.1	37.8	12.58	55.63	100	0	P	V
		18000	56.47	-17.53	74	51.28	48.1	13.56	56.47	265	140	P	V
		18000	47.12	-6.88	54	41.93	48.1	13.56	56.47	265	140	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 (Band Edge @ 3m)

WIFI Ant. 1+2	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		5138.72	54.27	-19.73	74	43.7	31.92	6.06	27.41	169	338	P	H
		5149.94	47.53	-6.47	54	36.98	31.9	6.06	27.41	169	338	A	H
	*	5270	109.04	-	-	98.99	31.3	6.13	27.38	169	338	P	H
	*	5270	102.09	-	-	92.04	31.3	6.13	27.38	169	338	A	H
		5356.8	55.05	-18.95	74	44.88	31.33	6.2	27.36	169	338	P	H
		5350.08	48.75	-5.25	54	38.61	31.3	6.2	27.36	169	338	A	H
		5145.86	56.07	-17.93	74	45.51	31.91	6.06	27.41	101	334	P	V
		5149.26	48.96	-5.04	54	38.41	31.9	6.06	27.41	101	334	A	V
	*	5270	111.94	-	-	101.89	31.3	6.13	27.38	101	334	P	V
	*	5270	104.97	-	-	94.92	31.3	6.13	27.38	101	334	A	V
		5351.52	58.05	-15.95	74	47.9	31.31	6.2	27.36	101	334	P	V
		5350.08	52.75	-1.25	54	42.61	31.3	6.2	27.36	101	334	A	V
802.11n HT40 CH 62 5310MHz		5018.36	51.27	-22.73	74	41.1	31.57	6.05	27.45	162	337	P	H
		5060.18	43.79	-10.21	54	33.4	31.76	6.06	27.43	162	337	A	H
	*	5310	104.1	-	-	94.01	31.3	6.16	27.37	162	337	P	H
	*	5310	96.24	-	-	86.15	31.3	6.16	27.37	162	337	A	H
		5353.92	57.47	-16.53	74	47.31	31.32	6.2	27.36	162	337	P	H
		5352	51.21	-2.79	54	41.06	31.31	6.2	27.36	162	337	A	H
		5049.98	51.29	-22.71	74	40.98	31.7	6.05	27.44	100	335	P	V
		5101.32	44.08	-9.92	54	33.44	32	6.06	27.42	100	335	A	V
	*	5310	105.72	-	-	95.63	31.3	6.16	27.37	100	335	P	V
	*	5310	98.61	-	-	88.52	31.3	6.16	27.37	100	335	A	V
	5358	62.4	-11.6	74	52.23	31.33	6.2	27.36	100	335	P	V	
	5352.96	53	-1	54	42.85	31.31	6.2	27.36	100	335	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+2	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	48.52	-19.68	68.2	54.94	40.02	9.96	56.4	100	0	P	H
		15810	45.59	-28.41	74	50.86	37.89	12.55	55.71	100	0	P	H
		17978	56.18	-17.82	74	51.64	47.48	13.55	56.49	185	307	P	H
		17978	46.46	-7.54	54	41.92	47.48	13.55	56.49	185	307	A	H
		10540	47.82	-20.38	68.2	54.24	40.02	9.96	56.4	100	0	P	V
		15810	45.03	-28.97	74	50.3	37.89	12.55	55.71	100	0	P	V
		17989	56.44	-17.56	74	51.58	47.79	13.55	56.48	250	129	P	V
802.11n HT40 CH 62 5310MHz		10620	48.18	-25.82	74	54.34	40.2	9.99	56.35	100	0	P	H
		15930	44.86	-29.14	74	50.13	37.8	12.58	55.65	100	0	P	H
		17989	55.92	-18.08	74	51.06	47.79	13.55	56.48	185	288	P	H
		17989	46.5	-7.5	54	41.64	47.79	13.55	56.48	185	288	A	H
		10620	47.57	-26.43	74	53.73	40.2	9.99	56.35	100	0	P	V
		15930	44.64	-29.36	74	49.91	37.8	12.58	55.65	100	0	P	V
		17934	56.7	-17.3	74	53.45	46.25	13.52	56.52	241	150	P	V
	17934	46.86	-7.14	54	43.61	46.25	13.52	56.52	241	150	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 (Band Edge @ 3m)

WIFI Ant. 1+2	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		5122.4	51.73	-22.27	74	41.13	31.96	6.06	27.42	148	338	P	H
		5149.26	45.56	-8.44	54	35.01	31.9	6.06	27.41	148	338	A	H
	*	5290	100.86	-	-	90.78	31.3	6.15	27.37	148	338	P	H
	*	5290	94.09	-	-	84.01	31.3	6.15	27.37	148	338	A	H
		5359.68	56.52	-17.48	74	46.33	31.34	6.21	27.36	148	338	P	H
		5387.76	51.13	-2.87	54	40.8	31.45	6.23	27.35	148	338	A	H
		5143.48	52.05	-21.95	74	41.49	31.91	6.06	27.41	102	334	P	V
		5145.86	46.79	-7.21	54	36.23	31.91	6.06	27.41	102	334	A	V
	*	5290	103.34	-	-	93.26	31.3	6.15	27.37	102	334	P	V
	*	5290	96.79	-	-	86.71	31.3	6.15	27.37	102	334	A	V
		5369.52	58.52	-15.48	74	48.28	31.38	6.21	27.35	102	334	P	V
		5359.92	52.9	-1.1	54	42.71	31.34	6.21	27.36	102	334	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)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ac VHT80 CH 58 5290MHz and a Remark section.



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5459.6	60.44	-13.56	74	49.79	31.72	6.26	27.33	201	336	P	H
		5469.84	66.79	-1.41	68.2	56.12	31.74	6.26	27.33	201	336	P	H
		5459.76	49.86	-4.14	54	39.21	31.72	6.26	27.33	201	336	A	H
	*	5500	111.29	-	-	100.54	31.8	6.27	27.32	201	336	P	H
	*	5500	103.65	-	-	92.9	31.8	6.27	27.32	201	336	A	H
		5455.44	59.2	-14.8	74	48.56	31.71	6.26	27.33	179	101	P	V
		5466.16	65.02	-3.18	68.2	54.36	31.73	6.26	27.33	179	101	P	V
		5457.04	49.56	-4.44	54	38.92	31.71	6.26	27.33	179	101	A	V
	*	5500	112.81	-	-	102.06	31.8	6.27	27.32	179	101	P	V
	*	5500	105.39	-	-	94.64	31.8	6.27	27.32	179	101	A	V
802.11a CH 116 5580MHz		5432.32	52.2	-21.8	74	41.66	31.63	6.25	27.34	220	335	P	H
		5461.84	51.72	-16.48	68.2	41.07	31.72	6.26	27.33	220	335	P	H
		5458.48	42.97	-11.03	54	32.32	31.72	6.26	27.33	220	335	A	H
	*	5580	113.04	-	-	102.31	31.82	6.29	27.38	220	335	P	H
	*	5580	105.91	-	-	95.18	31.82	6.29	27.38	220	335	A	H
		5734.76	51.98	-16.22	68.2	40.94	32.07	6.46	27.49	220	335	P	H
		5433.52	51.88	-22.12	74	41.34	31.63	6.25	27.34	100	306	P	V
		5463.76	52.22	-15.98	68.2	41.56	31.73	6.26	27.33	100	306	P	V
		5422.72	43.65	-10.35	54	33.15	31.59	6.25	27.34	100	306	A	V
	*	5580	114.74	-	-	104.01	31.82	6.29	27.38	100	306	P	V
	*	5580	107.67	-	-	96.94	31.82	6.29	27.38	100	306	A	V
		5736.65	53.15	-15.05	68.2	42.11	32.07	6.46	27.49	100	306	P	V



802.11a CH 140 5700MHz	*	5700	112.66	-	-	101.7	32	6.42	27.46	250	332	P	H
	*	5700	105.39	-	-	94.43	32	6.42	27.46	250	332	A	H
		5725.56	64.42	-3.78	68.2	53.4	32.05	6.45	27.48	250	332	P	H
	*	5700	112.77	-	-	101.81	32	6.42	27.46	100	305	P	V
	*	5700	105.75	-	-	94.79	32	6.42	27.46	100	305	A	V
		5727	64.12	-4.08	68.2	53.1	32.05	6.45	27.48	100	305	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.82	-25.18	74	54.4	40.4	10.15	56.13	100	0	P	H
		16500	46.06	-22.14	68.2	49.3	39.4	12.77	55.41	100	0	P	H
		17978	56.02	-17.98	74	51.48	47.48	13.55	56.49	188	301	P	H
		17978	46.12	-7.88	54	41.58	47.48	13.55	56.49	188	301	A	H
		11000	48.42	-25.58	74	54	40.4	10.15	56.13	100	0	P	V
		16500	49.12	-19.08	68.2	52.36	39.4	12.77	55.41	100	0	P	V
		18000	56.68	-17.32	74	51.49	48.1	13.56	56.47	262	140	P	V
		18000	46.85	-7.15	54	41.66	48.1	13.56	56.47	262	140	A	V
802.11a CH 116 5580MHz		11160	55.27	-18.73	74	61.16	39.88	10.25	56.02	177	351	P	H
		11160	45.9	-8.1	54	51.79	39.88	10.25	56.02	177	351	A	H
		16740	48.92	-19.28	68.2	51.6	40.08	12.85	55.61	100	0	P	H
		17978	56.09	-17.91	74	51.55	47.48	13.55	56.49	182	295	P	H
		17978	45.97	-8.03	54	41.43	47.48	13.55	56.49	182	295	A	H
		11160	48.64	-25.36	74	54.53	39.88	10.25	56.02	100	0	P	V
		16740	47.17	-21.03	68.2	49.85	40.08	12.85	55.61	100	0	A	V
		17945	56.1	-17.9	74	52.53	46.56	13.52	56.51	226	128	P	V
	17945	46.12	-7.88	54	42.55	46.56	13.52	56.51	226	128	A	V	
802.11a CH 140 5700MHz		11400	47.15	-26.85	74	52.82	39.8	10.39	55.86	100	0	P	H
		17100	47.71	-20.49	68.2	50.93	39.8	13.01	56.03	100	0	P	H
		17989	56.23	-17.77	74	51.37	47.79	13.55	56.48	186	295	P	H
		17989	46.53	-7.47	54	41.67	47.79	13.55	56.48	186	295	A	H
		11400	47.07	-26.93	74	52.74	39.8	10.39	55.86	100	0	P	V
		17100	47.33	-20.87	68.2	50.55	39.8	13.01	56.03	100	0	P	V
		17989	56.22	-17.78	74	51.36	47.79	13.55	56.48	243	150	P	V
		17989	46.46	-7.54	54	41.6	47.79	13.55	56.48	243	150	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	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		5456.56	60.97	-13.03	74	50.33	31.71	6.26	27.33	199	337	P	H
		5466.96	67.32	-0.88	68.2	56.66	31.73	6.26	27.33	199	337	P	H
		5459.92	51.69	-2.31	54	41.04	31.72	6.26	27.33	199	337	A	H
	*	5500	111.25	-	-	100.5	31.8	6.27	27.32	199	337	P	H
	*	5500	103.56	-	-	92.81	31.8	6.27	27.32	199	337	A	H
		5459.12	60.2	-13.8	74	49.55	31.72	6.26	27.33	179	94	P	V
		5465.84	65.3	-2.9	68.2	54.64	31.73	6.26	27.33	179	94	P	V
		5459.12	50.59	-3.41	54	39.94	31.72	6.26	27.33	179	94	A	V
	*	5500	113.45	-	-	102.7	31.8	6.27	27.32	179	94	P	V
	*	5500	105.36	-	-	94.61	31.8	6.27	27.32	179	94	A	V
802.11n HT20 CH 116 5580MHz		5356.24	51.76	-22.24	74	41.6	31.32	6.2	27.36	232	332	P	H
		5469.76	52.6	-15.6	68.2	41.93	31.74	6.26	27.33	232	332	P	H
		5459.44	43.63	-10.37	54	32.98	31.72	6.26	27.33	232	332	A	H
	*	5580	113.44	-	-	102.71	31.82	6.29	27.38	232	332	P	H
	*	5580	106.09	-	-	95.36	31.82	6.29	27.38	232	332	A	H
		5734.445	51.01	-17.19	68.2	39.97	32.07	6.46	27.49	232	332	P	H
		5457.76	52.62	-21.38	74	41.97	31.72	6.26	27.33	100	328	P	V
		5465.68	51.15	-17.05	68.2	40.49	31.73	6.26	27.33	100	328	P	V
		5352.88	43.85	-10.15	54	33.7	31.31	6.2	27.36	100	328	A	V
	*	5580	112.94	-	-	102.21	31.82	6.29	27.38	100	328	P	V
*	5580	105.57	-	-	94.84	31.82	6.29	27.38	100	328	A	V	
		5747.045	51.62	-16.58	68.2	40.55	32.09	6.48	27.5	100	328	P	V



802.11n HT20 CH 140 5700MHz	*	5700	111.7	-	-	100.74	32	6.42	27.46	220	332	P	H
	*	5700	104.92	-	-	93.96	32	6.42	27.46	220	332	A	H
		5727.72	60.96	-7.24	68.2	49.93	32.06	6.45	27.48	220	332	P	H
	*	5700	110.69	-	-	99.73	32	6.42	27.46	100	305	P	V
	*	5700	103.97	-	-	93.01	32	6.42	27.46	100	305	A	V
		5730.92	62.31	-5.89	68.2	51.28	32.06	6.46	27.49	100	305	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 HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	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	49.33	-24.67	74	54.91	40.4	10.15	56.13	100	0	P	H
		16500	46.28	-21.92	68.2	49.52	39.4	12.77	55.41	100	0	P	H
		18000	56.79	-17.21	74	51.6	48.1	13.56	56.47	241	223	P	H
		18000	46.99	-7.01	54	41.8	48.1	13.56	56.47	241	223	A	H
		11000	47.8	-26.2	74	53.38	40.4	10.15	56.13	100	0	P	V
		16500	46.88	-21.32	68.2	50.12	39.4	12.77	55.41	100	0	P	V
		18000	57.39	-16.61	74	52.2	48.1	13.56	56.47	286	195	P	V
802.11n HT20 CH 116 5580MHz		18000	47.09	-6.91	54	41.9	48.1	13.56	56.47	286	195	A	V
		11160	53.31	-20.69	74	59.2	39.88	10.25	56.02	189	351	P	H
		11160	44.71	-9.29	54	50.6	39.88	10.25	56.02	189	351	A	H
		16740	48.42	-19.78	68.2	51.1	40.08	12.85	55.61	100	0	P	H
		17967	56.52	-17.48	74	52.3	47.18	13.54	56.5	100	0	P	H
		17967	46.32	-7.68	54	42.1	47.18	13.54	56.5	100	0	A	H
		11160	48.9	-25.1	74	54.79	39.88	10.25	56.02	100	0	P	V
802.11n HT20 CH 140 5700MHz		16740	48.14	-20.06	68.2	50.82	40.08	12.85	55.61	100	0	P	V
		17934	56.55	-17.45	74	53.3	46.25	13.52	56.52	100	0	P	V
		17934	46.05	-7.95	54	42.8	46.25	13.52	56.52	100	0	A	V
		11400	48.52	-25.48	74	54.19	39.8	10.39	55.86	100	0	P	H
		17100	48.1	-20.1	68.2	51.32	39.8	13.01	56.03	100	0	P	H
		18000	56.79	-17.21	74	51.6	48.1	13.56	56.47	264	169	P	H
		18000	46.99	-7.01	54	41.8	48.1	13.56	56.47	264	169	A	H
5700MHz		11400	47.1	-26.9	74	52.77	39.8	10.39	55.86	100	0	P	V
		17100	47.37	-20.83	68.2	50.59	39.8	13.01	56.03	100	0	P	V
		17989	57.07	-16.93	74	52.21	47.79	13.55	56.48	314	209	P	V
5700MHz		17989	46.97	-7.03	54	42.11	47.79	13.55	56.48	314	209	A	V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	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	64.19	-9.81	74	53.54	31.72	6.26	27.33	250	333	P	H
		5469.04	66.32	-1.88	68.2	55.65	31.74	6.26	27.33	250	333	P	H
		5459.92	53	-1	54	42.35	31.72	6.26	27.33	250	333	A	H
	*	5510	106.91	-	-	96.19	31.78	6.27	27.33	250	333	P	H
	*	5510	99.1	-	-	88.38	31.78	6.27	27.33	250	333	A	H
		5753.03	51.62	-16.58	68.2	40.54	32.1	6.48	27.5	250	333	P	H
		5452.72	59.37	-14.63	74	48.73	31.71	6.26	27.33	195	86	P	V
		5466.16	63.53	-4.67	68.2	52.87	31.73	6.26	27.33	195	86	P	V
		5459.92	52.42	-1.58	54	41.77	31.72	6.26	27.33	195	86	A	V
	*	5510	107.25	-	-	96.53	31.78	6.27	27.33	195	86	P	V
	*	5510	99.69	-	-	88.97	31.78	6.27	27.33	195	86	A	V
		5742.32	51.03	-17.17	68.2	39.97	32.08	6.47	27.49	195	86	P	V
802.11n HT40 CH 110 5550MHz		5459.2	60.69	-13.31	74	50.04	31.72	6.26	27.33	247	331	P	H
		5469.28	64.93	-3.27	68.2	54.26	31.74	6.26	27.33	247	331	P	H
		5458.72	53.18	-0.82	54	42.53	31.72	6.26	27.33	247	331	A	H
	*	5550	110.33	-	-	99.71	31.7	6.28	27.36	247	331	P	H
	*	5550	102.62	-	-	92	31.7	6.28	27.36	247	331	A	H
		5728.775	53.42	-14.78	68.2	42.39	32.06	6.45	27.48	247	331	P	H
		5457.76	60.73	-13.27	74	50.08	31.72	6.26	27.33	200	88	P	V
		5466.88	62.62	-5.58	68.2	51.96	31.73	6.26	27.33	200	88	P	V
		5459.92	52.36	-1.64	54	41.71	31.72	6.26	27.33	200	88	A	V
	*	5550	111.67	-	-	101.05	31.7	6.28	27.36	200	88	P	V
	*	5550	103.71	-	-	93.09	31.7	6.28	27.36	200	88	A	V
		5753.345	51.37	-16.83	68.2	40.29	32.1	6.48	27.5	200	88	P	V



802.11n HT40 CH 134 5670MHz		5457.45	51.82	-22.18	74	41.18	31.71	6.26	27.33	238	334	P	H
		5462	50.88	-17.32	68.2	40.23	31.72	6.26	27.33	238	334	P	H
		5451.5	42.89	-11.11	54	32.26	31.7	6.26	27.33	238	334	A	H
	*	5670	110.54	-	-	99.72	31.88	6.38	27.44	238	334	P	H
	*	5670	103.32	-	-	92.5	31.88	6.38	27.44	238	334	A	H
		5725.625	65.09	-3.11	68.2	54.07	32.05	6.45	27.48	238	334	P	H
		5448	51.3	-22.7	74	40.69	31.69	6.25	27.33	100	305	P	V
		5468.3	51.09	-17.11	68.2	40.42	31.74	6.26	27.33	100	305	P	V
		5457.8	42.88	-11.12	54	32.23	31.72	6.26	27.33	100	305	A	V
	*	5670	109.26	-	-	98.44	31.88	6.38	27.44	100	305	P	V
	*	5670	102.07	-	-	91.25	31.88	6.38	27.44	100	305	A	V
		5726.885	64.16	-4.04	68.2	53.14	32.05	6.45	27.48	100	305	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+2	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	47.9	-26.1	74	53.54	40.32	10.16	56.12	100	0	P	H
		16530	46.09	-22.11	68.2	49.35	39.4	12.78	55.44	100	0	P	H
		18000	57.09	-16.91	74	51.9	48.1	13.56	56.47	266	205	P	H
		18000	46.69	-7.31	54	41.5	48.1	13.56	56.47	266	205	A	H
		11020	47.93	-26.07	74	53.57	40.32	10.16	56.12	100	0	P	V
		16530	46.74	-21.46	68.2	50	39.4	12.78	55.44	100	0	P	V
		18000	57.39	-16.61	74	52.2	48.1	13.56	56.47	285	252	P	V
		18000	47.09	-6.91	54	41.9	48.1	13.56	56.47	285	252	A	V
802.11n HT40 CH 110 5550MHz		11100	49.53	-24.47	74	55.38	40	10.21	56.06	100	0	P	H
		16650	46.92	-21.28	68.2	49.94	39.7	12.82	55.54	100	0	P	H
		18000	56.79	-17.21	74	51.6	48.1	13.56	56.47	264	169	P	H
		18000	46.59	-7.41	54	41.4	48.1	13.56	56.47	264	169	A	H
		11100	48.1	-25.9	74	53.95	40	10.21	56.06	100	0	P	V
		16650	47.28	-20.92	68.2	50.3	39.7	12.82	55.54	100	0	P	V
		17989	58.07	-15.93	74	53.21	47.79	13.55	56.48	304	169	P	V
		17989	47.67	-6.33	54	42.81	47.79	13.55	56.48	304	169	A	V
802.11n HT40 CH 134 5670MHz		11340	47.56	-26.44	74	53.37	39.74	10.35	55.9	100	0	P	H
		17010	47.61	-20.59	68.2	50.35	40.16	12.95	55.85	100	0	P	H
		18000	58.49	-15.51	74	53.3	48.1	13.56	56.47	206	311	P	H
		18000	47.89	-6.11	54	42.7	48.1	13.56	56.47	206	311	A	H
		11340	46.57	-27.43	74	52.38	39.74	10.35	55.9	100	0	P	V
		17010	48.49	-19.71	68.2	51.23	40.16	12.95	55.85	100	0	P	V
		18000	56.99	-17.01	74	51.8	48.1	13.56	56.47	289	189	P	V
		18000	47.39	-6.61	54	42.2	48.1	13.56	56.47	289	189	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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		5452.72	58.51	-15.49	74	47.87	31.71	6.26	27.33	249	334	P	H
		5467.84	60.29	-7.91	68.2	49.62	31.74	6.26	27.33	249	334	P	H
		5453.68	52.62	-1.38	54	41.98	31.71	6.26	27.33	249	334	A	H
	*	5530	100.03	-	-	89.35	31.74	6.28	27.34	249	334	P	H
	*	5530	91.93	-	-	81.25	31.74	6.28	27.34	249	334	A	H
		5725	50.24	-17.96	68.2	39.22	32.05	6.45	27.48	249	334	P	H
		5456.32	59.25	-14.75	74	48.61	31.71	6.26	27.33	186	88	P	V
		5464	61.21	-6.99	68.2	50.55	31.73	6.26	27.33	186	88	P	V
		5450.56	52.59	-1.41	54	41.96	31.7	6.26	27.33	186	88	P	V
	*	5530	101	-	-	90.32	31.74	6.28	27.34	186	88	P	V
	*	5530	93.92	-	-	83.24	31.74	6.28	27.34	186	88	A	V
		5761.22	50.6	-17.6	68.2	39.52	32.1	6.49	27.51	186	88	P	V
802.11ac VHT80 CH 122 5610MHz		5453.95	57.03	-16.97	74	46.39	31.71	6.26	27.33	244	334	P	H
		5465.5	59.05	-9.15	68.2	48.39	31.73	6.26	27.33	244	334	P	H
		5458.85	52.28	-1.72	54	41.63	31.72	6.26	27.33	244	334	A	H
	*	5610	106.52	-	-	95.73	31.88	6.31	27.4	244	334	P	H
	*	5610	100.02	-	-	89.23	31.88	6.31	27.4	244	334	A	H
		5725	59.55	-8.65	68.2	48.53	32.05	6.45	27.48	244	334	P	H
		5457.8	56.83	-17.17	74	46.18	31.72	6.26	27.33	165	88	P	V
		5467.95	57.54	-10.66	68.2	46.87	31.74	6.26	27.33	165	88	P	V
		5456.75	51.35	-2.65	54	40.71	31.71	6.26	27.33	165	88	A	V
	*	5610	106.16	-	-	95.37	31.88	6.31	27.4	165	88	P	V
	*	5610	99.61	-	-	88.82	31.88	6.31	27.4	165	88	A	V
		5741.06	57.78	-10.42	68.2	46.72	32.08	6.47	27.49	165	88	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+2	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	47.77	-26.23	74	53.51	40.16	10.19	56.09	100	0	P	H
		16590	47.58	-20.62	68.2	50.87	39.4	12.8	55.49	100	0	P	H
		18000	57.69	-16.31	74	52.5	48.1	13.56	56.47	245	166	P	H
		18000	47.29	-6.71	54	42.1	48.1	13.56	56.47	245	166	A	H
		11060	47.03	-26.97	74	52.77	40.16	10.19	56.09	100	0	P	V
		16590	46.79	-21.41	68.2	50.08	39.4	12.8	55.49	100	0	P	V
		18000	57.39	-16.61	74	52.2	48.1	13.56	56.47	312	188	P	V
802.11ac VHT80 CH 122 5610MHz		11220	46.95	-27.05	74	52.87	39.78	10.28	55.98	100	0	P	H
		16830	47.42	-20.78	68.2	50.05	40.17	12.89	55.69	100	0	P	H
		18000	56.99	-17.01	74	51.8	48.1	13.56	56.47	224	216	P	H
		18000	47.29	-6.71	54	42.1	48.1	13.56	56.47	224	216	A	H
		11220	47.04	-26.96	74	52.96	39.78	10.28	55.98	100	0	P	V
		16830	47.36	-20.84	68.2	49.99	40.17	12.89	55.69	100	0	P	V
		17989	57.47	-16.53	74	52.61	47.79	13.55	56.48	288	189	P	V
	17989	47.17	-6.83	54	42.31	47.79	13.55	56.48	288	189	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5399.14	50.63	-23.37	74	40.24	31.5	6.24	27.35	225	333	P	H
		5463.88	50.47	-17.73	68.2	39.81	31.73	6.26	27.33	225	333	P	H
		5459.59	42.2	-11.8	54	31.55	31.72	6.26	27.33	225	333	A	H
	*	5720	115.61	-	-	104.61	32.04	6.44	27.48	225	333	P	H
	*	5720	108.21	-	-	97.21	32.04	6.44	27.48	225	333	A	H
		5882	51.92	-16.28	68.2	40.55	32.43	6.54	27.6	225	333	P	H
		5454.52	50.92	-23.08	74	40.28	31.71	6.26	27.33	100	305	P	V
		5467.39	49.09	-19.11	68.2	38.43	31.73	6.26	27.33	100	305	P	V
		5396.8	42.59	-11.41	54	32.21	31.49	6.24	27.35	100	305	A	V
	*	5720	115.31	-	-	104.31	32.04	6.44	27.48	100	305	P	V
	*	5720	108.21	-	-	97.21	32.04	6.44	27.48	100	305	A	V
		5896.75	51.86	-16.34	68.2	40.44	32.49	6.54	27.61	100	305	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)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11a CH 144 (5720MHz) and a Remark section.



**Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1+2	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		5432.68	51.4	-22.6	74	40.86	31.63	6.25	27.34	233	332	P	H
		5463.88	50.95	-17.25	68.2	40.29	31.73	6.26	27.33	233	332	P	H
		5402.26	42.47	-11.53	54	32.07	31.51	6.24	27.35	233	332	A	H
	*	5720	114.81	-	-	103.81	32.04	6.44	27.48	233	332	P	H
	*	5720	107.51	-	-	96.51	32.04	6.44	27.48	233	332	A	H
		5896	53.2	-15	68.2	41.79	32.48	6.54	27.61	233	332	P	H
		5454.52	51.07	-22.93	74	40.43	31.71	6.26	27.33	100	299	P	V
		5467.78	49.89	-18.31	68.2	39.22	31.74	6.26	27.33	100	299	P	V
		5457.64	41.78	-12.22	54	31.13	31.72	6.26	27.33	100	299	A	V
	*	5720	114.38	-	-	103.38	32.04	6.44	27.48	100	299	P	V
	*	5720	106.84	-	-	95.84	32.04	6.44	27.48	100	299	A	V
		5867	53.54	-14.66	68.2	42.21	32.37	6.54	27.58	100	299	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)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include frequencies 11440, 17160, 17956, 17989 and various parameters.

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+2	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		5452.57	51.32	-22.68	74	40.68	31.71	6.26	27.33	248	331	P	H
		5468.56	51.49	-16.71	68.2	40.82	31.74	6.26	27.33	248	331	P	H
		5455.69	43.15	-10.85	54	32.51	31.71	6.26	27.33	248	331	A	H
	*	5710	113.27	-	-	102.29	32.02	6.43	27.47	248	331	P	H
	*	5710	106.32	-	-	95.34	32.02	6.43	27.47	248	331	A	H
		5857	57.35	-10.85	68.2	46.06	32.33	6.54	27.58	248	331	P	H
		5430.34	51.48	-22.52	74	40.95	31.62	6.25	27.34	100	305	P	V
		5462.32	52.92	-15.28	68.2	42.27	31.72	6.26	27.33	100	305	P	V
		5454.91	43.35	-10.65	54	32.71	31.71	6.26	27.33	100	305	A	V
	*	5710	112.32	-	-	101.34	32.02	6.43	27.47	100	305	P	V
	*	5710	105.36	-	-	94.38	32.02	6.43	27.47	100	305	A	V
		5853	55.05	-13.15	68.2	43.77	32.31	6.54	27.57	100	305	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)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11n HT40 CH 142 at 5710MHz and a Remark section.



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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		5456.47	54.85	-19.15	74	44.21	31.71	6.26	27.33	250	331	P	H
		5468.95	55.52	-12.68	68.2	44.85	31.74	6.26	27.33	250	331	P	H
		5452.57	48.85	-5.15	54	38.21	31.71	6.26	27.33	250	331	A	H
	*	5690	109.87	-	-	98.96	31.96	6.41	27.46	250	331	P	H
	*	5690	103.35	-	-	92.44	31.96	6.41	27.46	250	331	A	H
		5856.1	64.36	-3.84	68.2	53.08	32.32	6.54	27.58	250	331	P	H
		5445.55	53.62	-20.38	74	43.02	31.68	6.25	27.33	101	305	P	V
		5469.34	54.87	-13.33	68.2	44.2	31.74	6.26	27.33	101	305	P	V
		5458.81	48.33	-5.67	54	37.68	31.72	6.26	27.33	101	305	A	V
	*	5690	109.55	-	-	98.64	31.96	6.41	27.46	101	305	P	V
	*	5690	103.23	-	-	92.32	31.96	6.41	27.46	101	305	A	V
		5852.2	60.66	-7.54	68.2	49.38	32.31	6.54	27.57	101	305	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)

Table with 14 columns: WIFI Ant. 1+2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11ac VHT80 CH 138 5690MHz and a Remark section.



Emission above 18GHz

WIFI 802.11n HT40 (SHF)

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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 SHF		23192	38.76	-29.44	68.2	40.79	38.96	12.49	53.48	100	0	P	H
		33928	42.69	-25.51	68.2	38.58	41.01	17.91	54.81	100	0	P	H
		25964	39.21	-28.99	68.2	38.95	39.34	14.13	53.21	100	0	P	V
		33906	42.82	-25.38	68.2	38.69	41.02	17.9	54.79	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

WIFI 802.11n HT40 (LF)

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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		134.76	22.3	-21.2	43.5	35.85	17.67	1.02	32.24	-	-	P	H
		191.99	25.27	-18.23	43.5	41.43	14.87	1.24	32.27	-	-	P	H
		211.39	24.46	-19.04	43.5	40.33	15.05	1.3	32.22	-	-	P	H
		460.68	26.19	-19.81	46	32.8	23.34	1.84	31.79	-	-	P	H
		872.93	31.53	-14.47	46	31.17	28.91	2.57	31.12	-	-	P	H
		947.62	32.4	-13.6	46	30.12	30.39	2.69	30.8	100	0	P	H
		30.97	29.05	-10.95	40	36.59	24.21	0.48	32.23	100	0	P	V
		211.39	28.29	-15.21	43.5	44.16	15.05	1.3	32.22	-	-	P	V
		564.47	26.2	-19.8	46	30.45	26.1	2.01	32.36	-	-	P	V
		766.23	30.16	-15.84	46	31.34	28.02	2.38	31.58	-	-	P	V
		840.92	30.9	-15.1	46	30.86	28.77	2.48	31.21	-	-	P	V
		916.58	31.6	-14.4	46	30.87	29.01	2.68	30.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



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

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

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix C. Radiated Spurious Emission

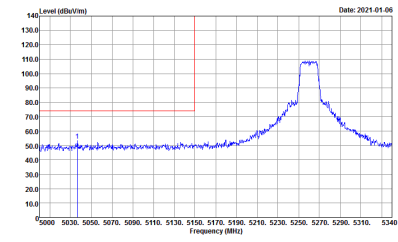
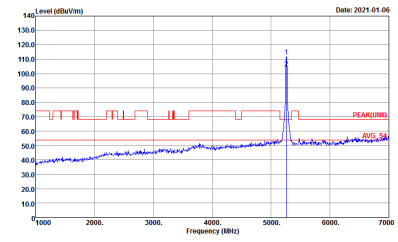
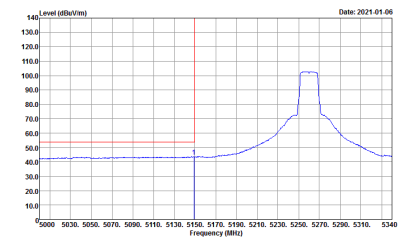
Test Engineer :	Daniel Lee, Jacky Hong and Wilson Wu	Temperature :	20~25°C
		Relative Humidity :	50~60%

Note symbol

-L	Low channel location
-R	High channel location



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	 <p>Site : 03CH13-HY Condition : PEAK_SE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK[LINE] 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
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	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

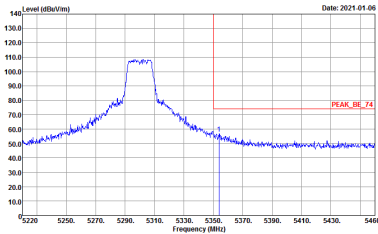
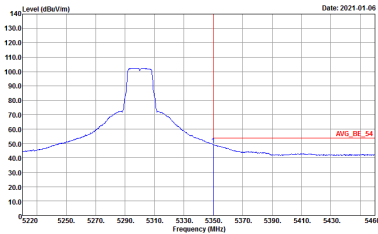


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(FUND) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

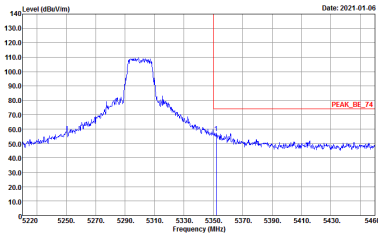
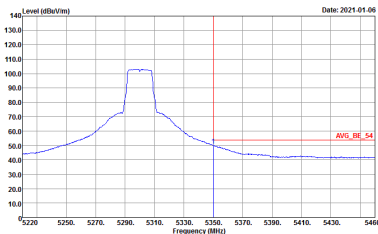


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>

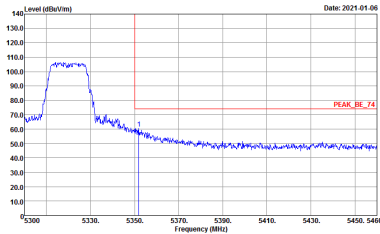
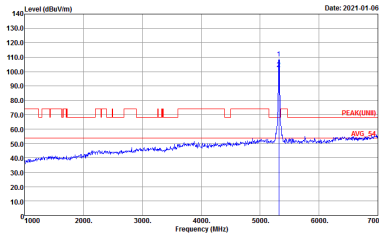
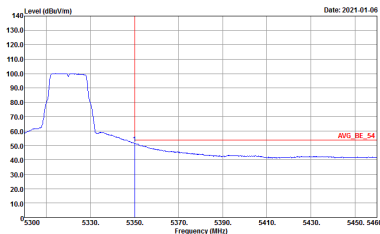


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

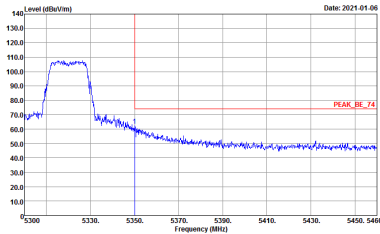
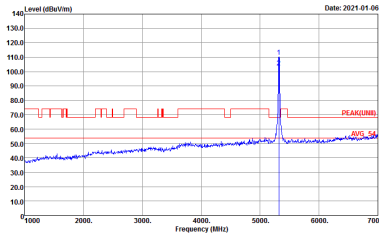
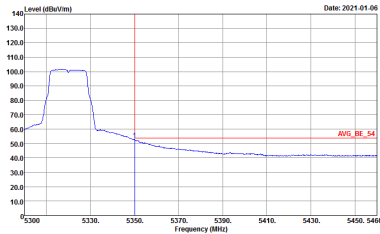


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



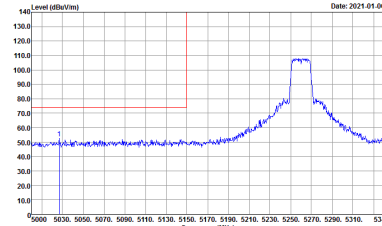
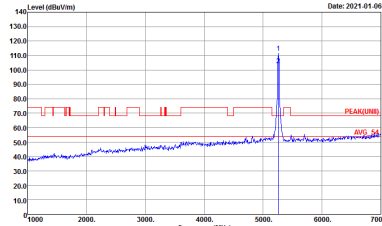
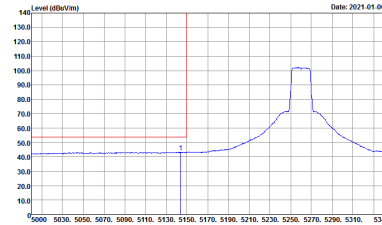
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINB) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LIN)B 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



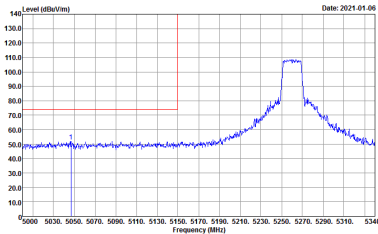
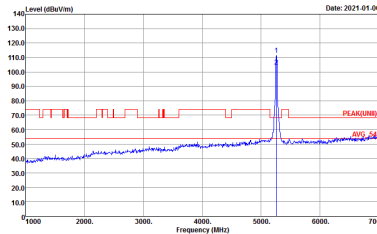
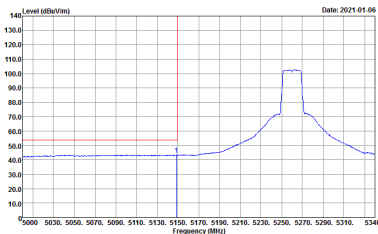
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>

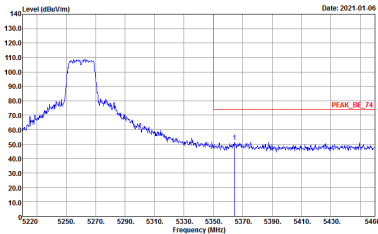
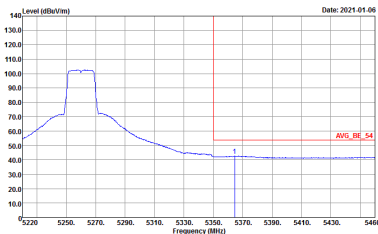


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>

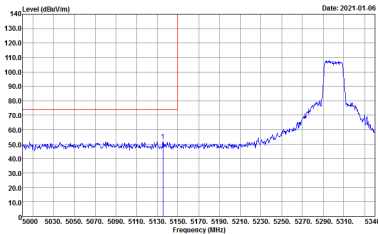
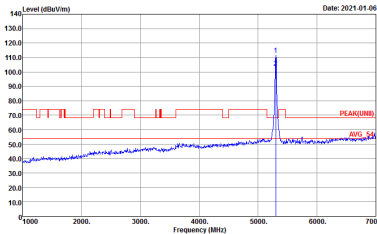
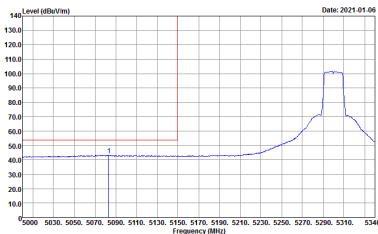


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(FUND) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

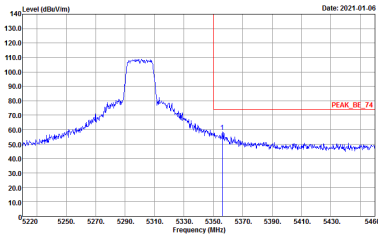
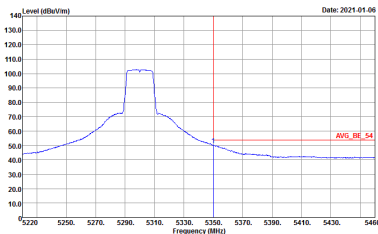


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



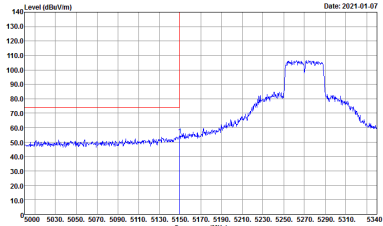
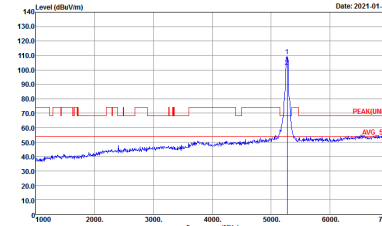
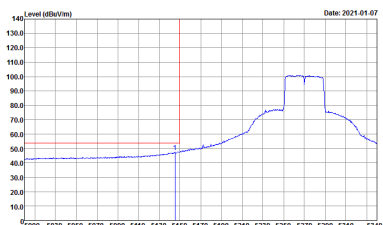
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	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	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

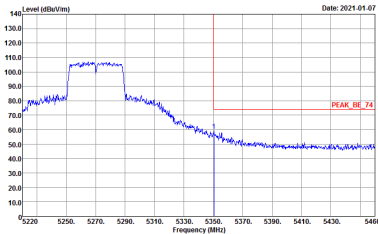
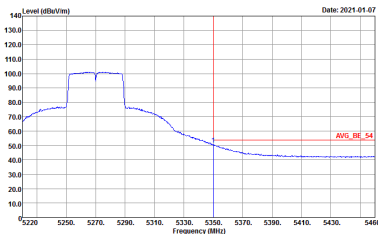


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
<p>Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p>Avg.</p>	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>

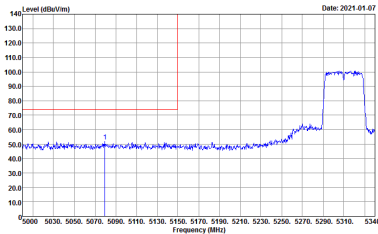
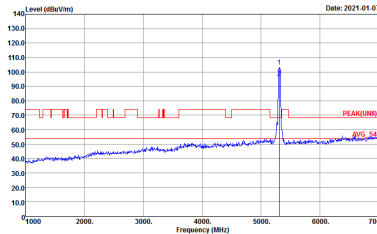
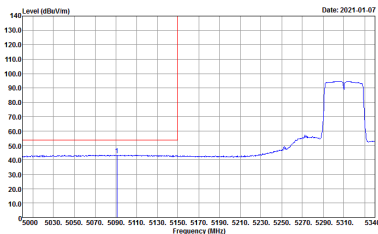


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE1) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

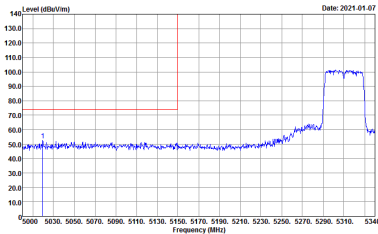
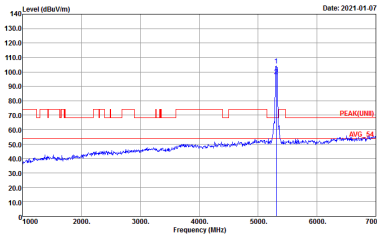
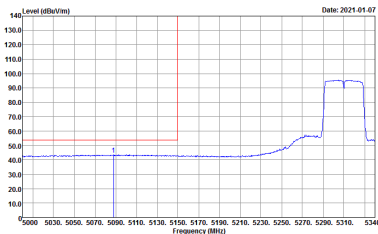


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

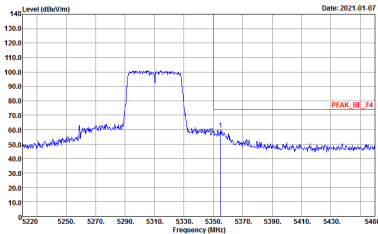
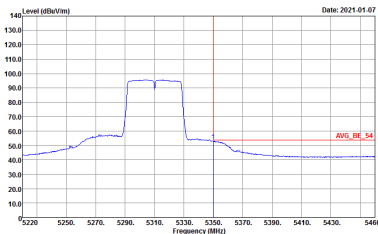


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
<p>Peak</p>		<p>Left blank</p>
<p>Avg.</p>		<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	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	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank

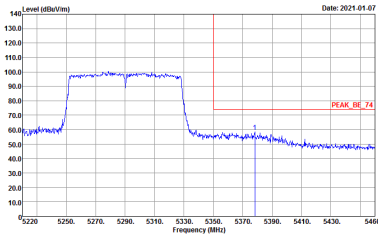
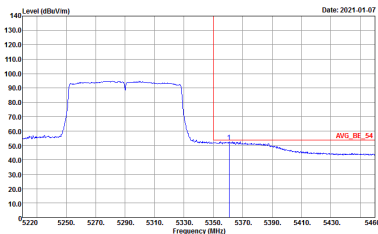


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(FUND) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



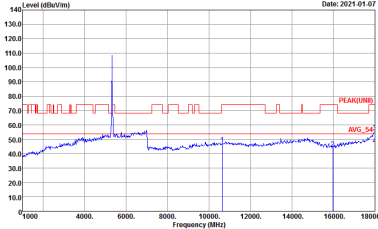
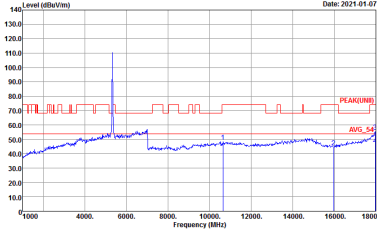
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHE2-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CHE2-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-4F Condition : PEAK(UNI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-4F Condition : PEAK(UNI) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-4#Y Condition : PEAK(UNI) 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-4#Y Condition : PEAK(UNI) 3m HORN_91200_1241 VERTICAL</p>



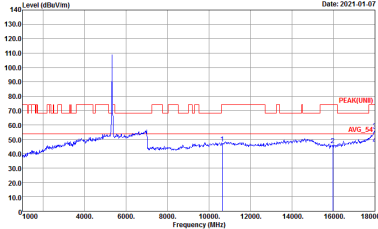
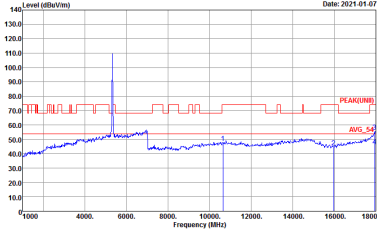
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-4# Condition : PEAK(UNI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-4# Condition : PEAK(UNI) 3m HORN_91200_1241 VERTICAL</p>



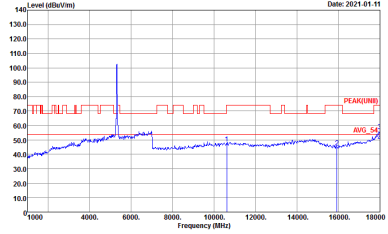
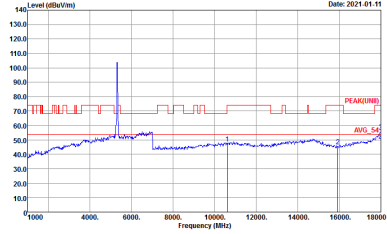
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-4#Y Condition : PEAK(UNI) 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-4#Y Condition : PEAK(UNI) 3m HORN_91200_1241 VERTICAL</p>



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.	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



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

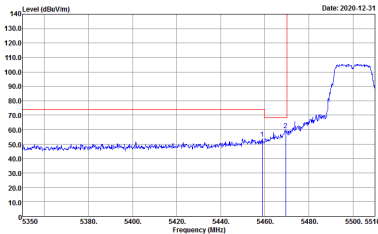
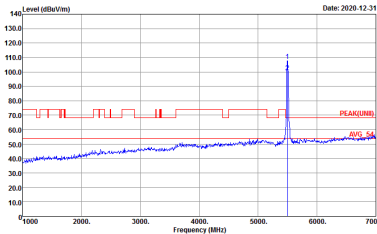
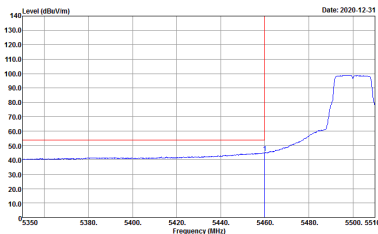
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL</p>



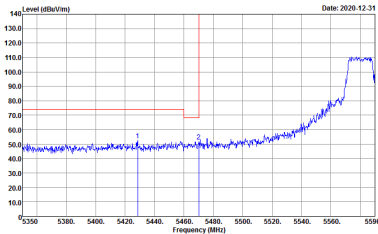
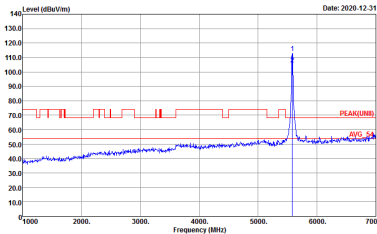
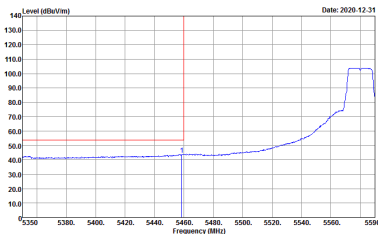
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

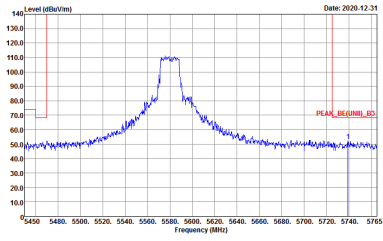


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

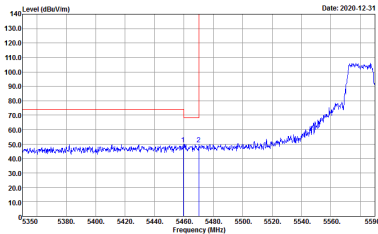
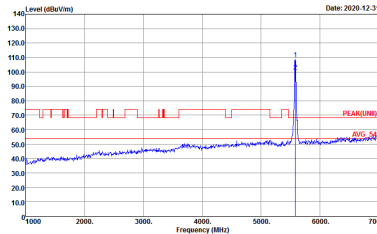
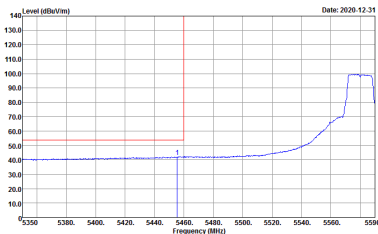


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BC(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

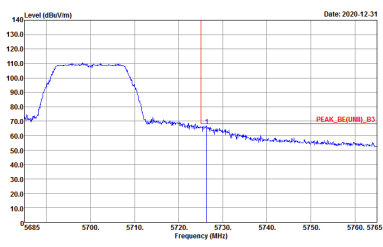
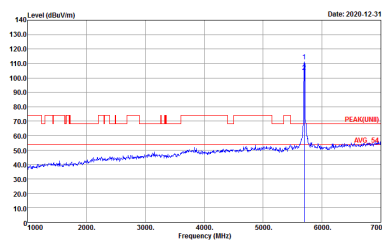


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank

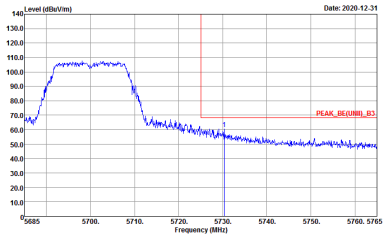
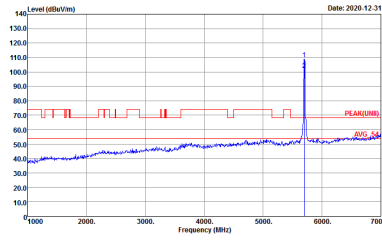


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_06(UNIT)_B3 3m HORN_01200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : -PEAK_B6(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : -PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



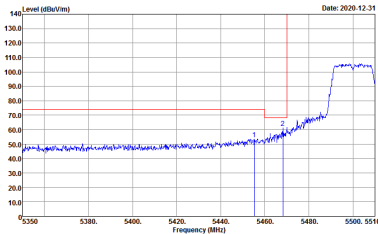
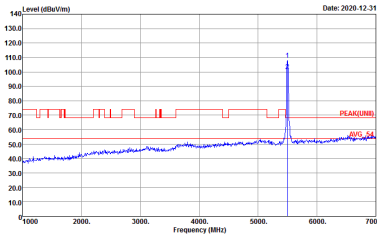
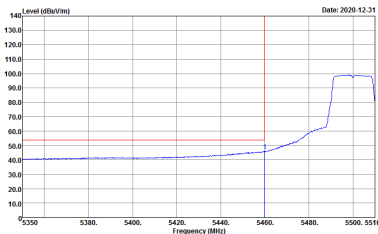
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 09CH13-HY Condition : :PEAK_BEC(UNIT)_B3 3m HORN_91200_1241 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 09CH13-HY Condition : :PEAK(LINE1) 3m HORN_91200_1241 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



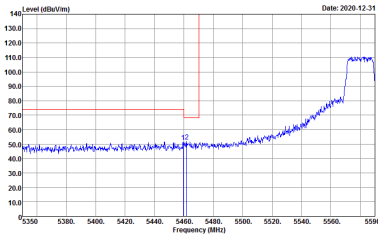
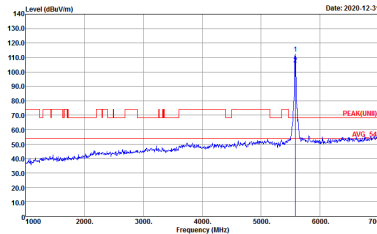
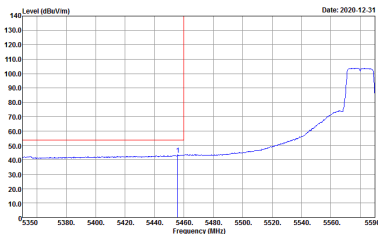
**Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
<p align="center">Peak</p>	<p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	<p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 09CH13-HV Condition : PEAK_06(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

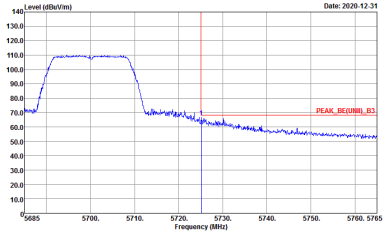
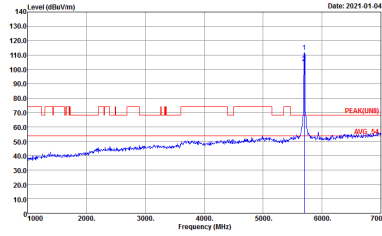


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m HORN_01200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



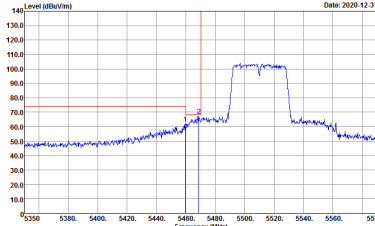
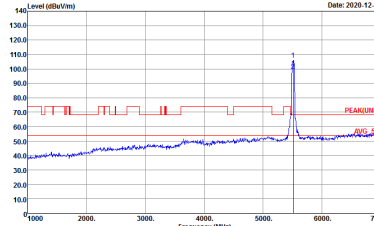
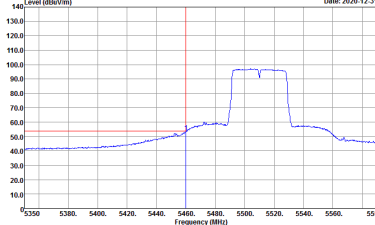
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL</p>



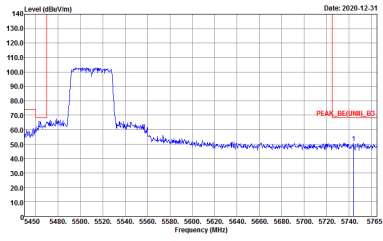
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	<p>Site : 03CH13-14Y Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 VERTICAL</p>	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



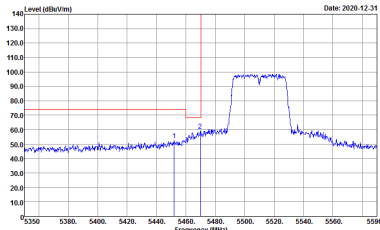
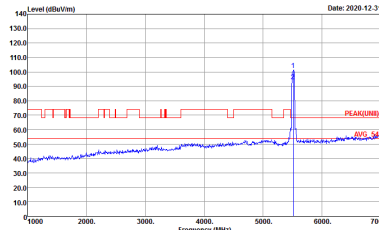
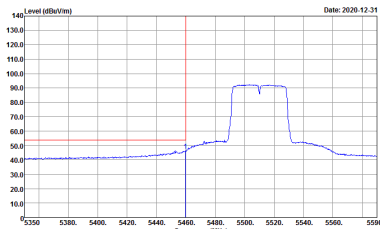
**Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

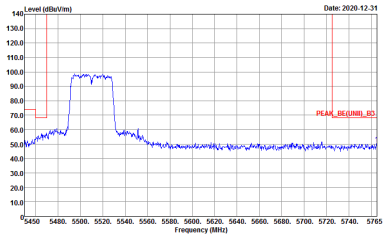


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

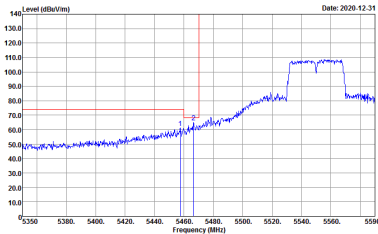
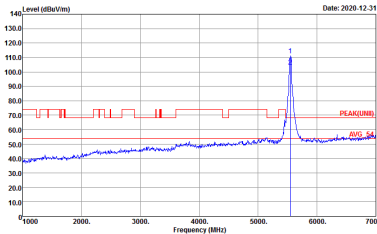
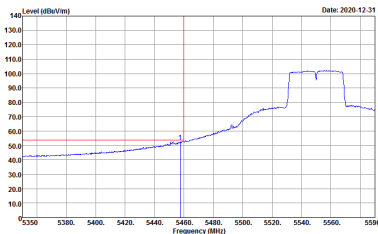


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m HORN_01200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

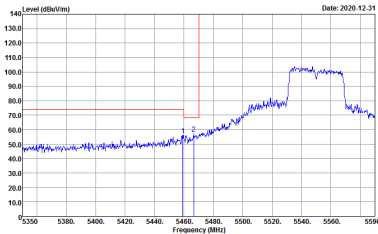
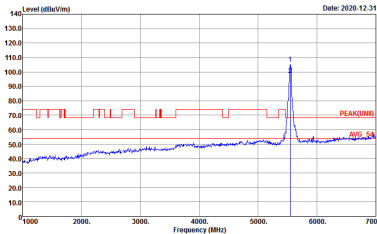
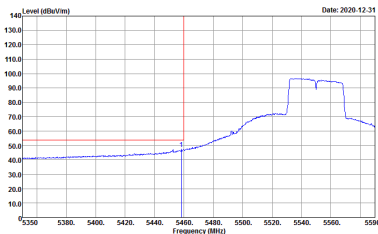


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

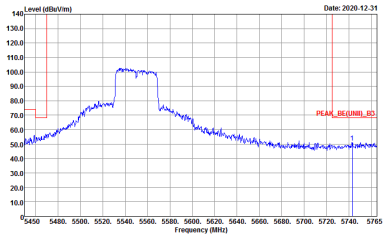


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 09CH13-HV Condition : PEAK_06(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

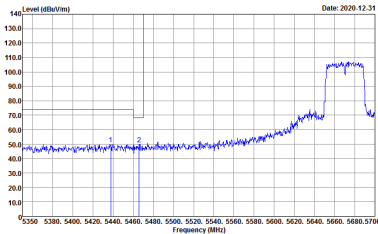
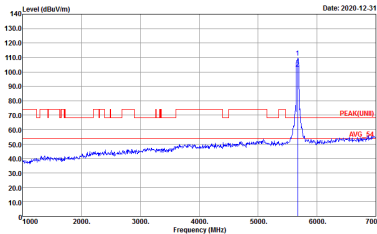
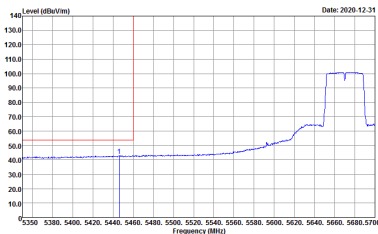


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

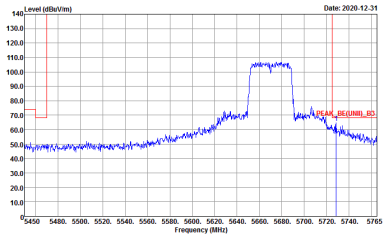


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m HORN_01200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_SEC(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



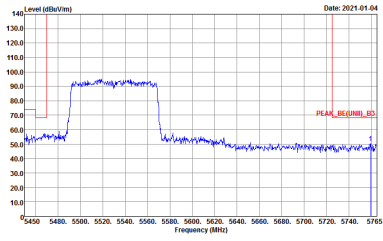
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_BC(CH1)_B3 3m HORN_01200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



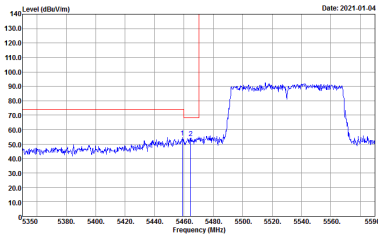
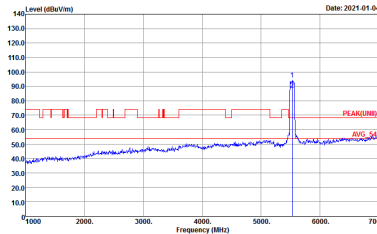
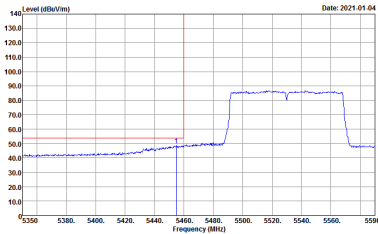
**Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : PEAK_BC(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

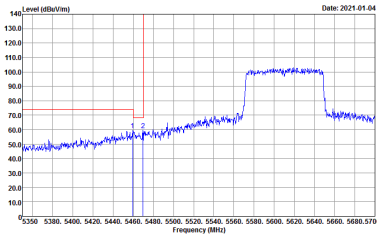
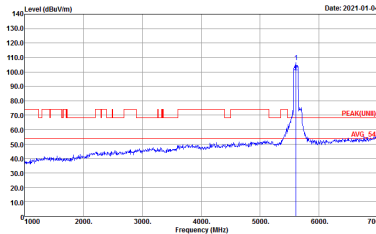
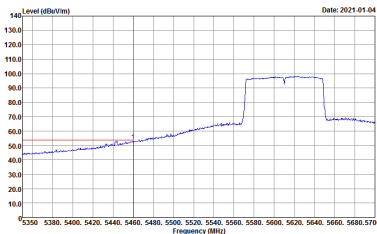


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AVG_BE(UNIT)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m HORN_01200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> <p>Date: 2021-01-04</p>	Left blank

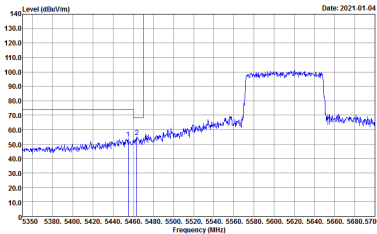
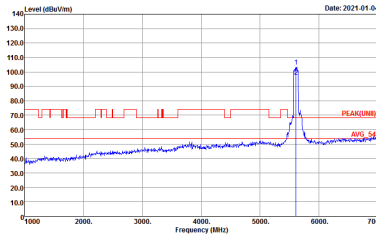
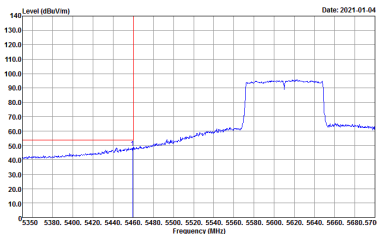


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_BC(UNIT)_B3 3m HORN_01200_1241 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> <p>Date: 2021-01-04</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : PEAK_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : AV6_BE(UNIT)_B3 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



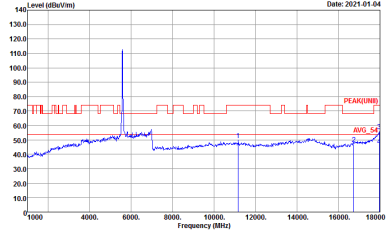
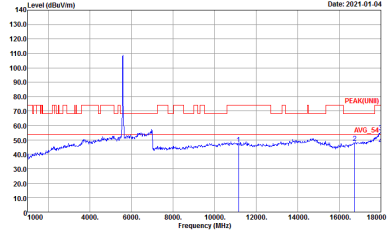
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : PEAK_BE(UNIT)_B3 3m HORN_01200_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



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

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CHE2-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 HORIZONTAL</p>	<p>Site : 03CHE2-14Y Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-4F Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-4F Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



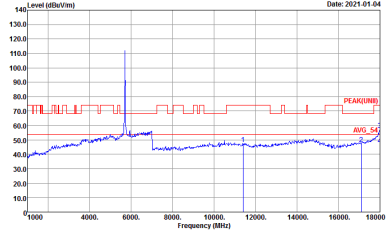
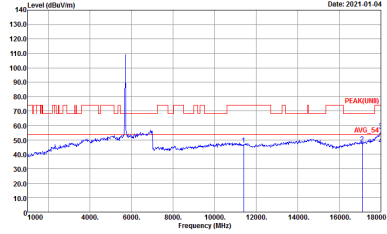
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



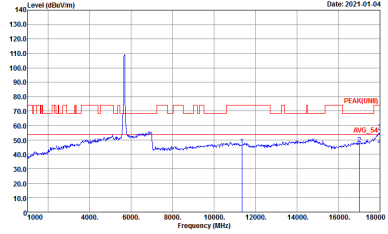
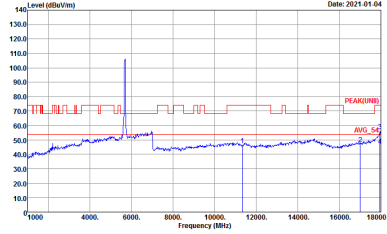
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-14Y Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH13-4F Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p>	 <p>Site : 03CH13-4F Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p>



**Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 VERTICAL</p>



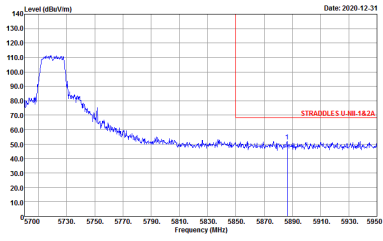
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNI) 3m HORN_91200_1241 VERTICAL</p>



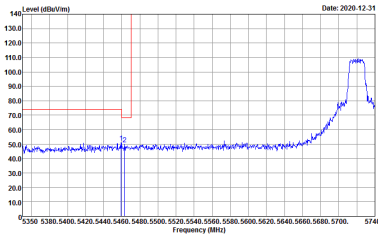
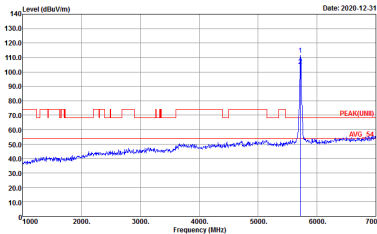
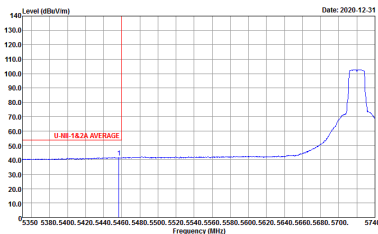
Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

Table with 2 columns (WIFI, ANT) and 2 rows (Peak, Avg.). The table contains spectral analysis plots for Horizontal and Fundamental signals, and a Left blank plot. Each plot shows Level (dBV/m) vs Frequency (MHz) with specific test parameters like Site, Condition, RBW, and VSWR.



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : STRADDOLES U-NIT-142A 3m HORN_9120_1241 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



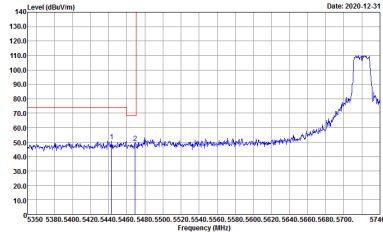
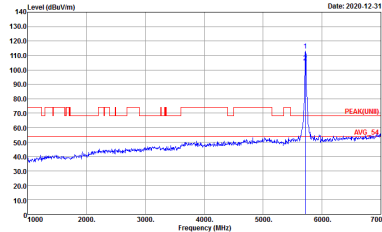
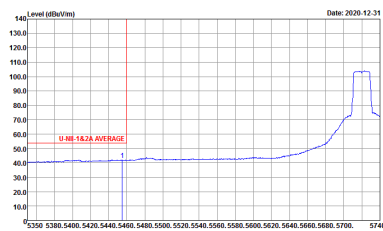
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : U-NII-142A AVERAGE 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADLES U-NI-142A 3m HORN_9120_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



**Band 3 – Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADLES U-NI-142A 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



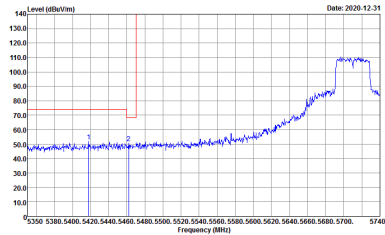
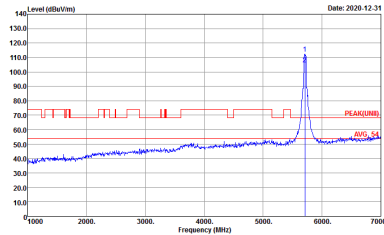
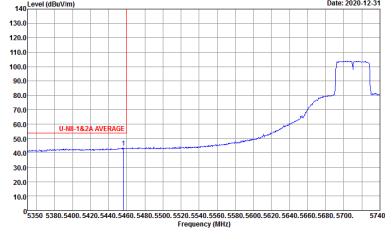
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADLES U-NI-142A 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



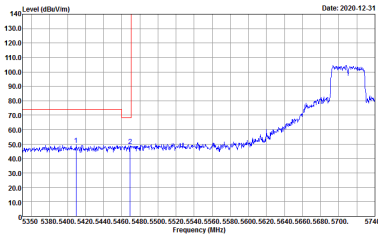
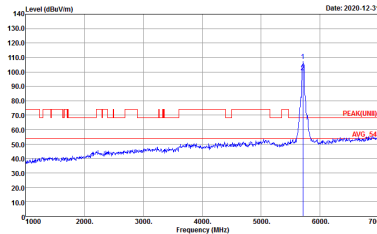
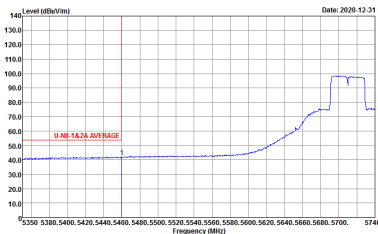
**Band 3 – Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p align="center">Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADDOLES U-NIT-142A 3m HORN_9120D_1241 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



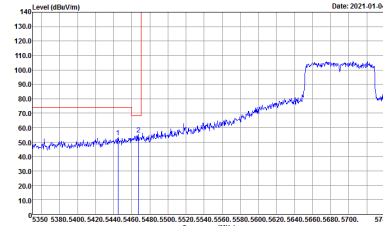
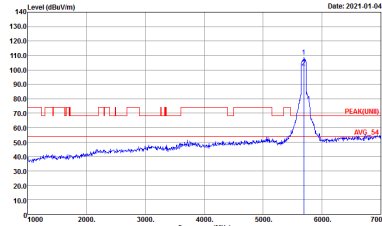
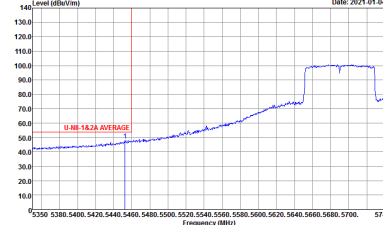
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDOLES U-NII-142A 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : U-NII-142A AVERAGE 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADOLE'S U-NB-142A 3m HORN_91200_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



**Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	 <p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	<p align="center">Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADDLES U-NB 142A 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : STRADDOLES U-NII-1A2A 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(LINE) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADDLES U-NII-1&2A 3m HORN_9120_1241 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-14Y Condition : PEAK(LINE) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH12-14Y Condition : PEAK(LINE) 3m HORN_91200_1241 VERTICAL</p>



Band 3 – Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 VERTICAL</p>



**Band 3 – Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 VERTICAL</p>



Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNITI) 3m HORN_91200_1241 VERTICAL</p>



Emission above 18GHz
5GHz WIFI 802.11n HT40 (SHF)

WIFI	5GHz WIFI	
ANT	802.11n HT40 SHF	
1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH13-HY Condition : PEAK(UNIT) In SHF HORN BBH49170584 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNIT) In SHF HORN BBH49170584 VERTICAL</p>



Emission below 1GHz
5GHz WIFI 802.11n HT40 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT40 LF	
1	Horizontal	Vertical
QP / Peak	<p>Site : OSCH13-HY Condition : QP 3m BILOG_40103 HORIZONTAL</p>	<p>Site : OSCH13-HY Condition : QP 3m BILOG_40103 VERTICAL</p>



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : PEAK_SE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH13-HY Condition : PEAK(FUND) 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	Left blank