



# FCC RADIO TEST REPORT

FCC ID : 2AQIQ-6247  
Equipment : HDMI Digital Media Receiver  
Model Name : E9L29Y  
Applicant : MX Processing LLC  
309 Fellowship Road East Gate Center, Suite  
200 Mount Laurel, New Jersey 08054  
Standard : FCC Part 15 Subpart E §15.407

The test was completed on Jul. 26, 2018. We, SPORTON INTERNATIONAL INC., 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Jones Tsai

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**  
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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### Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.403(i)	26dB Bandwidth	Pass
3.1	2.1049	99% Occupied Bandwidth	Reporting only
3.2	15.407(a)	Maximum Conducted Output Power	Pass
3.3	15.407(a)	Power Spectral Density	Pass
3.4	15.407(b)	Unwanted Emissions	Pass
3.5	15.207	AC Conducted Emission	Pass
3.6	15.407(c)	Automatically Discontinue Transmission	Pass
3.7	15.203 15.407(a)	Antenna Requirement	Pass

Reviewed by: Joseph Lin

Report Producer: Maggie Chiang

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	HDMI Digital Media Receiver
Model Name	E9L29Y
FCC ID	2AQIQ-6247
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

## 1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna <CDD Modes>	<p><b>&lt;5180 MHz ~ 5240 MHz&gt;</b></p> <p><b>&lt;Ant. 1&gt;</b>            802.11a : 19.63 dBm / 0.0918 W            802.11n HT20 : 19.20 dBm / 0.0832 W            802.11n HT40 : 18.62 dBm / 0.0728 W            802.11ac VHT20: 19.19 dBm / 0.0830 W            802.11ac VHT40: 18.51 dBm / 0.0710 W            802.11ac VHT80: 10.62 dBm / 0.0115 W</p> <p><b>&lt;Ant. 2&gt;</b>            802.11a : 19.77 dBm / 0.0948 W            802.11n HT20 : 19.27 dBm / 0.0845 W            802.11n HT40 : 18.01 dBm / 0.0632 W            802.11ac VHT20: 19.22 dBm / 0.0836 W            802.11ac VHT40: 17.98 dBm / 0.0628 W            802.11ac VHT80: 8.65 dBm / 0.0073 W</p> <p><b>MIMO &lt;Ant. 1 + 2&gt;</b>            802.11a : 20.89 dBm / 0.1227 W            802.11n HT20 : 21.05 dBm / 0.1274 W            802.11n HT40 : 20.81 dBm / 0.1205 W            802.11ac VHT20: 20.65 dBm / 0.1161 W            802.11ac VHT40: 20.74 dBm / 0.1186 W            802.11ac VHT80: 10.85 dBm / 0.0122 W</p>



Standards-related Product Specification	
Maximum Output Power to Antenna <CDD Modes>	<b>&lt;5260 MHz ~ 5320 MHz&gt;</b> <b>&lt;Ant. 1&gt;</b> 802.11a : 19.58 dBm / 0.0908 W 802.11n HT20 : 19.10 dBm / 0.0813 W 802.11n HT40 : 18.54 dBm / 0.0714 W 802.11ac VHT20: 19.07 dBm / 0.0807 W 802.11ac VHT40: 18.52 dBm / 0.0711 W 802.11ac VHT80: 10.87 dBm / 0.0122 W <b>&lt;Ant. 2&gt;</b> 802.11a : 19.76 dBm / 0.0946 W 802.11n HT20 : 19.43 dBm / 0.0877 W 802.11n HT40 : 18.58 dBm / 0.0721 W 802.11ac VHT20: 19.17 dBm / 0.0826 W 802.11ac VHT40: 18.53 dBm / 0.0713 W 802.11ac VHT80: 9.80 dBm / 0.0095 W <b>MIMO &lt;Ant. 1 + 2&gt;</b> 802.11a : 20.78 dBm / 0.1197 W 802.11n HT20 : 20.81 dBm / 0.1205 W 802.11n HT40 : 20.52 dBm / 0.1127 W 802.11ac VHT20: 20.34 dBm / 0.1081 W 802.11ac VHT40: 20.50 dBm / 0.1122 W 802.11ac VHT80: 11.79 dBm / 0.0151 W
	<b>&lt;5500 MHz ~ 5720 MHz&gt;</b> <b>&lt;Ant. 1&gt;</b> 802.11a : 19.96 dBm / 0.0991 W 802.11n HT20 : 19.29 dBm / 0.0849 W 802.11n HT40 : 18.72 dBm / 0.0745 W 802.11ac VHT20: 19.24 dBm / 0.0839 W 802.11ac VHT40: 18.61 dBm / 0.0726 W 802.11ac VHT80: 18.53 dBm / 0.0713 W <b>&lt;Ant. 2&gt;</b> 802.11a : 19.62 dBm / 0.0916 W 802.11n HT20 : 19.21 dBm / 0.0834 W 802.11n HT40 : 18.64 dBm / 0.0731 W 802.11ac VHT20: 19.20 dBm / 0.0832 W 802.11ac VHT40: 18.53 dBm / 0.0713 W 802.11ac VHT80: 18.56 dBm / 0.0718 W <b>MIMO &lt;Ant. 1 + 2&gt;</b> 802.11a : 20.04 dBm / 0.1009 W 802.11n HT20 : 20.07 dBm / 0.1016 W 802.11n HT40 : 20.58 dBm / 0.1143 W 802.11ac VHT20: 19.68 dBm / 0.0929 W 802.11ac VHT40: 20.48 dBm / 0.1117 W 802.11ac VHT80: 20.31 dBm / 0.1074 W



Standards-related Product Specification	
<p><b>Maximum Output Power to Antenna &lt;TXBF Modes&gt;</b></p>	<p><b>&lt;5180 MHz ~ 5240 MHz&gt;</b>  <b>MIMO &lt;Ant. 1 + 2&gt;</b>            802.11ac VHT20: 21.04 dBm / 0.1271 W            802.11ac VHT40: 20.57 dBm / 0.1140 W            802.11ac VHT80: 11.52 dBm / 0.0142 W  <b>&lt;5260 MHz ~ 5320 MHz&gt;</b>  <b>MIMO &lt;Ant. 1 + 2&gt;</b>            802.11ac VHT20: 19.45 dBm / 0.0881 W            802.11ac VHT40: 19.21 dBm / 0.0834 W            802.11ac VHT80: 12.84 dBm / 0.0192 W  <b>&lt;5500 MHz ~ 5720 MHz&gt;</b>  <b>MIMO &lt;Ant. 1 + 2&gt;</b>            802.11ac VHT20: 19.25 dBm / 0.0841 W            802.11ac VHT40: 19.44 dBm / 0.0879 W            802.11ac VHT80: 19.03 dBm / 0.0800 W</p>
<p><b>99% Occupied Bandwidth &lt;CDD Modes&gt;</b></p>	<p><b>&lt;Ant. 1&gt;</b>            802.11a : 18.20 MHz            802.11 n HT20 : 18.65 MHz            802.11 n HT40 : 37.70 MHz            802.11 ac VHT80 : 77.52 MHz  <b>&lt;Ant. 2&gt;</b>            802.11a : 17.10 MHz            802.11 n HT20 : 18.05 MHz            802.11 n HT 40 : 37.00 MHz            802.11ac VHT80 : 77.28 MHz  <b>MIMO &lt;Ant. 1&gt;</b>            802.11a : 16.90 MHz            802.11 n HT20 : 18.05 MHz            802.11 n HT40 : 37.20 MHz            802.11ac VHT80 : 77.04 MHz  <b>MIMO &lt;Ant. 2&gt;</b>            802.11a : 16.55 MHz            802.11 n HT20 : 17.70 MHz            802.11 n HT40 : 36.90 MHz            802.11ac VHT80 : 77.04 MHz</p>
<p><b>99% Occupied Bandwidth &lt;TXBF Modes&gt;</b></p>	<p><b>MIMO &lt;Ant. 1&gt;</b>            802.11ac VHT20 : 18.20 MHz            802.11ac VHT40 : 39.50 MHz            802.11ac VHT80 : 77.04 MHz  <b>MIMO &lt;Ant. 2&gt;</b>            802.11ac VHT20 : 17.70 MHz            802.11ac VHT40 : 37.00 MHz            802.11ac VHT80 : 77.16 MHz</p>



<b>Antenna Type / Gain</b>	<p>&lt;5180 MHz ~ 5240 MHz&gt;  <b>Ant. 1</b> : Fixed Internal Antenna with gain 1.90 dBi  <b>Ant. 2</b> : Fixed Internal Antenna with gain 5.70 dBi          &lt;5260 MHz ~ 5320 MHz&gt;  <b>Ant. 1</b> : Fixed Internal Antenna with gain 2.45 dBi  <b>Ant. 2</b> : Fixed Internal Antenna with gain 6.17 dBi          &lt;5500 MHz ~ 5720 MHz &gt;  <b>Ant. 1</b> : Fixed Internal Antenna with gain 2.12 dBi  <b>Ant. 2</b> : Fixed Internal Antenna with gain 6.40 dBi</p>												
<b>Type of Modulation</b>	<p>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)          802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)</p>												
<b>Antenna Function Description</b>	<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> <tr> <td>802.11ac TXBF</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	802.11ac TXBF	V	V
	Ant. 1	Ant. 2											
802.11 a/n/ac	V	V											
802.11 a/n/ac MIMO	V	V											
802.11ac TXBF	V	V											

Note: 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

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 and TW0007 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

<b>Test Site</b>	SPORTON INTERNATIONAL INC.	
<b>Test Site Location</b>	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	TH05-HY	CO05-HY

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

<b>Test Site</b>	SPORTON INTERNATIONAL INC.	
<b>Test Site Location</b>	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
<b>Test Site No.</b>	<b>Sporton Site No.</b>	
	03CH12-HY	

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

### 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 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. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



## 2 Test Configuration of Equipment Under Test

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

### 2.1 Carrier Frequency and Channel

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 <sup>#</sup>	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 <sup>#</sup>	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 <sup>#</sup>	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 <sup>#</sup>	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 "<sup>#</sup>" were 802.11ac VHT80.



## 2.2 Test Mode

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

### Single Mode

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

### MIMO Mode

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

### TXBF Mode

Modulation	Data Rate
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Test Cases	
<b>AC Conducted Emission</b>	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + 1080p 12 bit + TV: Sharp LC-50UA6800T + TV Resolution: 1080p + USB Cable (Charging from Adapter) + HDMI Extender Cable
<b>Remark:</b> HDMI Extender Cable means media application transferred mode between EUT and external display.	



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

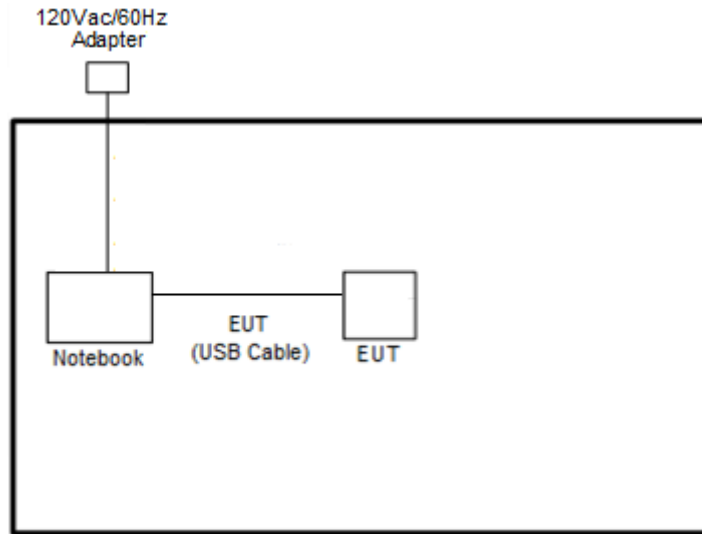
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

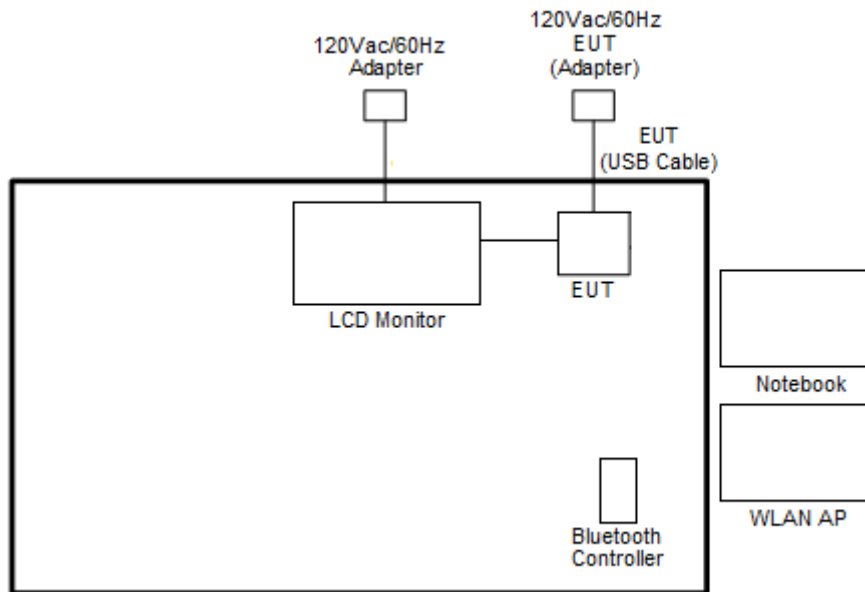
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

## 2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>





## 2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	LCD Monitor	Sharp	LC-50UA6800T	FCC DoC	Shielded, 1.6 m	Unshielded, 1.8 m

## 2.5 EUT Operation Test Setup

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

## 2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

*Offset = RF cable loss + attenuator factor.*

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

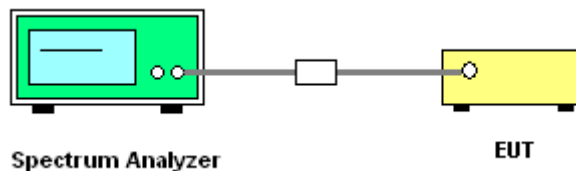
##### 3.1.2 Measuring Instruments

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



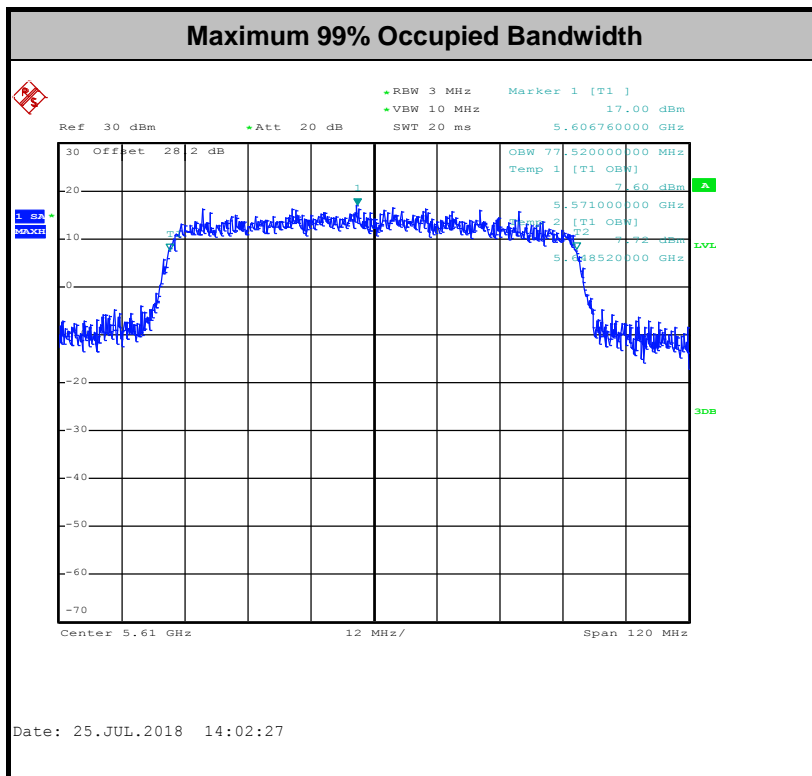
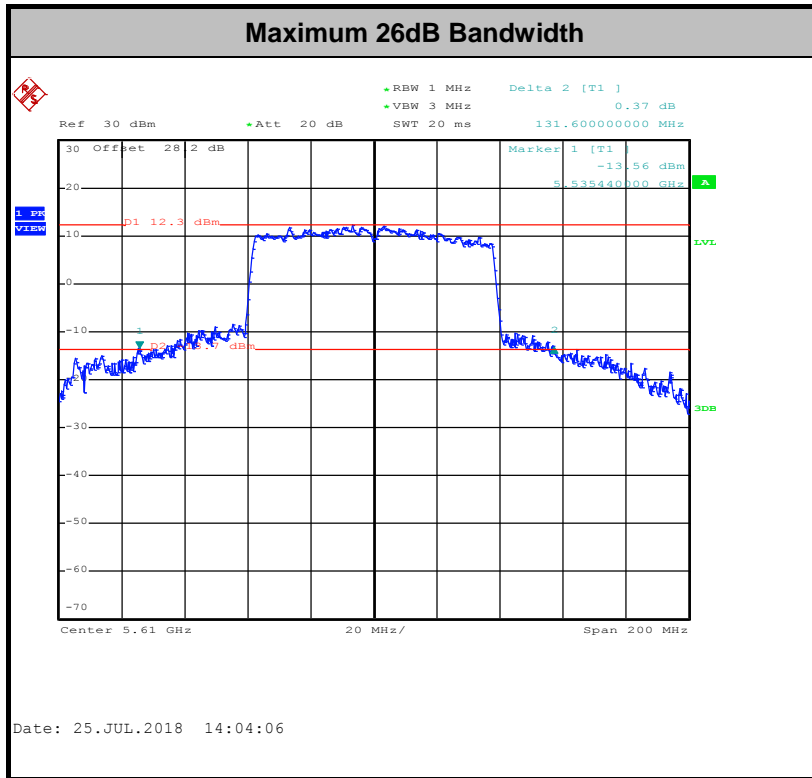
##### 3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.





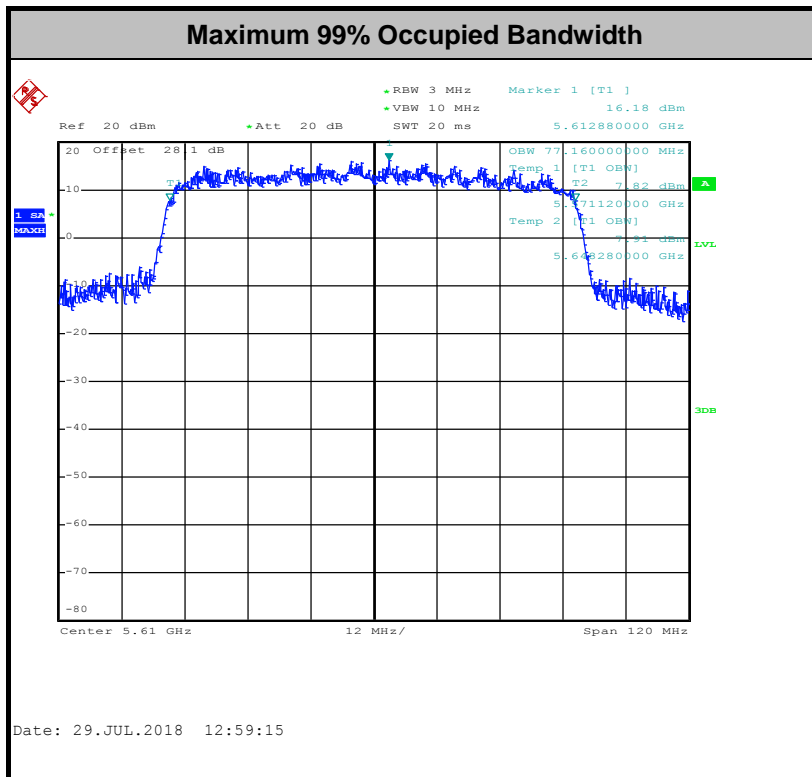
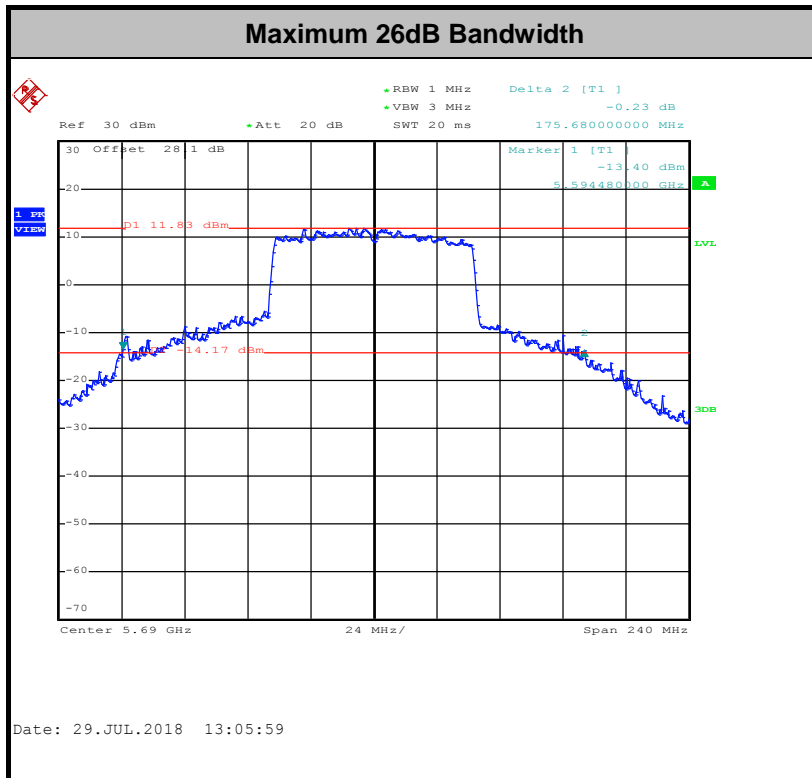
<CDD Mode>



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



<TXBF Modes>



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



## 3.2 Maximum Conducted Output Power Measurement

### 3.2.1 Limit of Maximum Conducted Output Power

#### <FCC 14-30 CFR 15.407>

##### For the 5.15–5.25 GHz bands:

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

##### For the 5.25–5.725 GHz bands:

- The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , 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

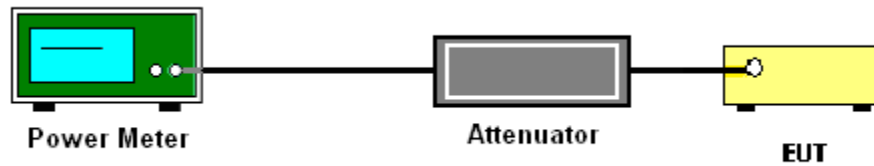
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor,  $10 \log(1/x)$ , where  $x$  is the duty cycle.

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

**For the 5.15–5.25 GHz bands:**

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

**For the 5.25–5.725 GHz bands:**

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

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

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

#### 3.3.2 Measuring Instruments

See list of measuring equipment of this test report.



### 3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

#### <CDD Modes>

##### # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- 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 = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add  $10 \log(1/x)$ , where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add  $10 \log(1/0.25) = 6$  dB if the duty cycle is 25 percent.

#### <TXBF Modes>

##### # Method SA-3 #

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

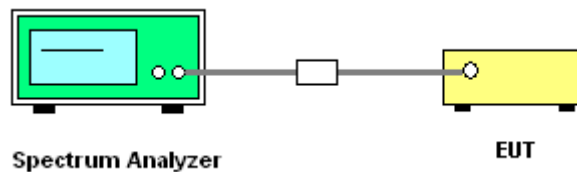
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW  $\geq$  3 MHz
- Number of points in sweep  $\geq$  2 Span / RBW.
- Sweep time  $\leq$  (number of points in sweep)  $\times$  T, when duty cycle is less than 98 percent where T is the minimum transmission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

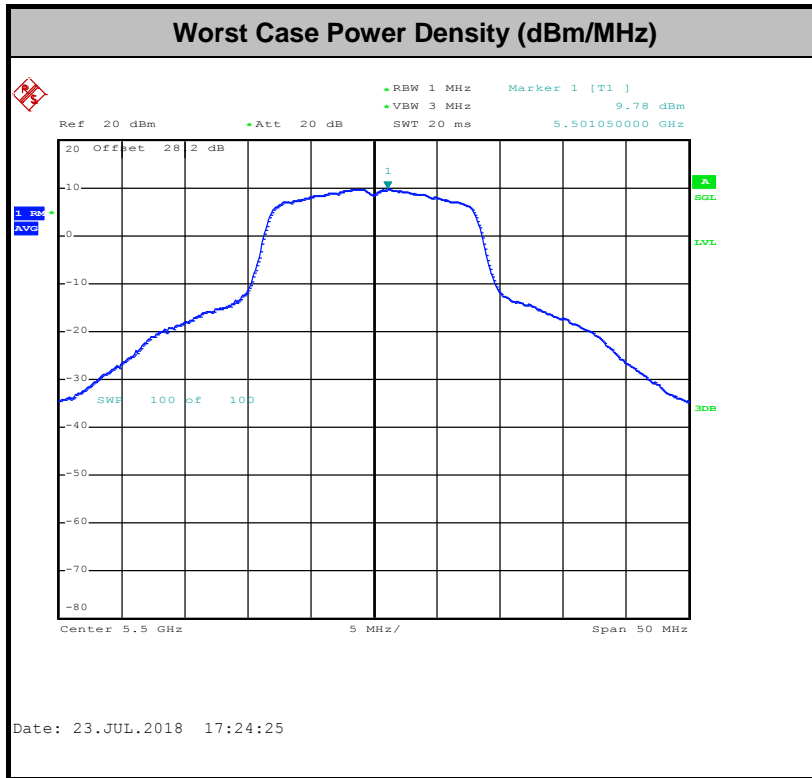


### 3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

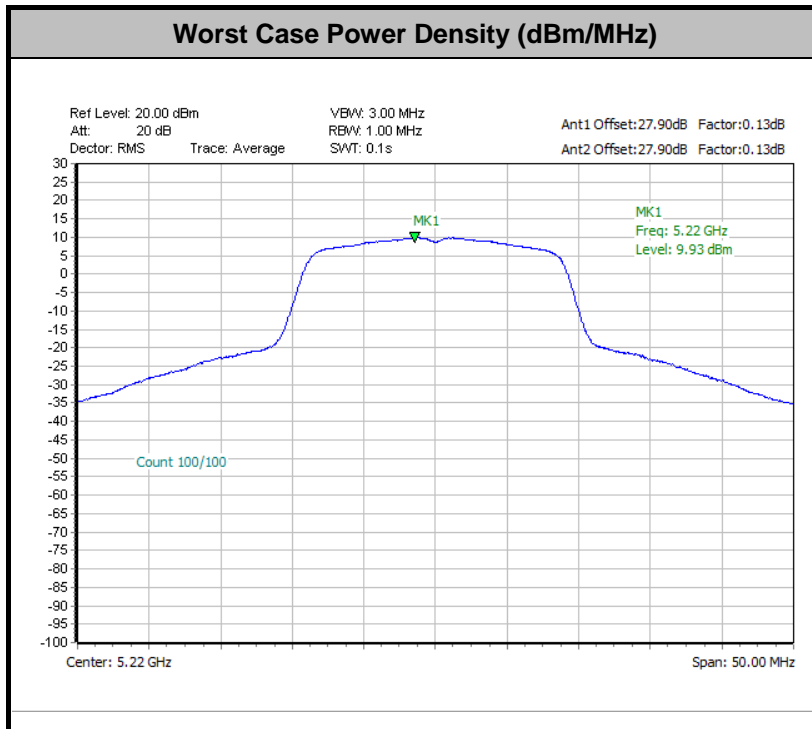


<CDD Modes>



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

<TXBF Modes>







### 3.4 Unwanted Emissions Measurement

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

#### 3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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



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

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

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits 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.<sup>3</sup>
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.<sup>4</sup>

**Note 3:** An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

**Note 4:** Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

### 3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

### 3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
  - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
    - RBW = 120 kHz
    - VBW = 300 kHz
    - Detector = Peak
    - Trace mode = max hold
  - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
    - RBW = 1 MHz
    - VBW ≥ 3 MHz
    - Detector = Peak
    - Sweep time = auto
    - Trace mode = max hold

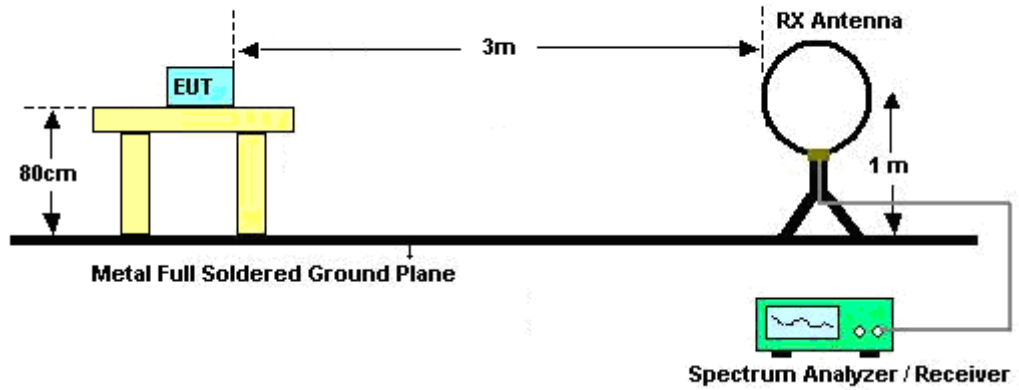


(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

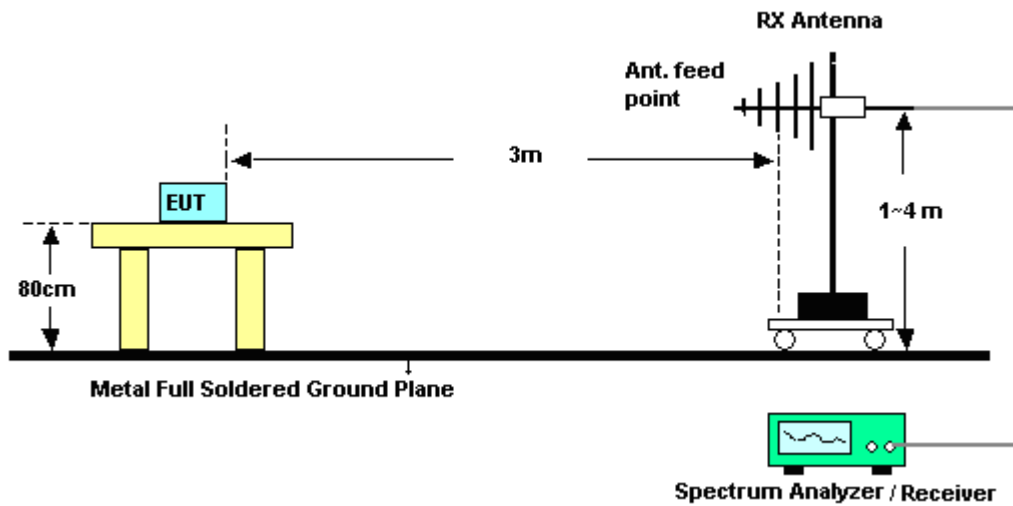
- RBW = 1 MHz
  - VBW = 10 Hz, when duty cycle is no less than 98 percent.
  - $VBW \geq 1/T$ , when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
  3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
  4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
  5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
  6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
  7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

### 3.4.4 Test Setup

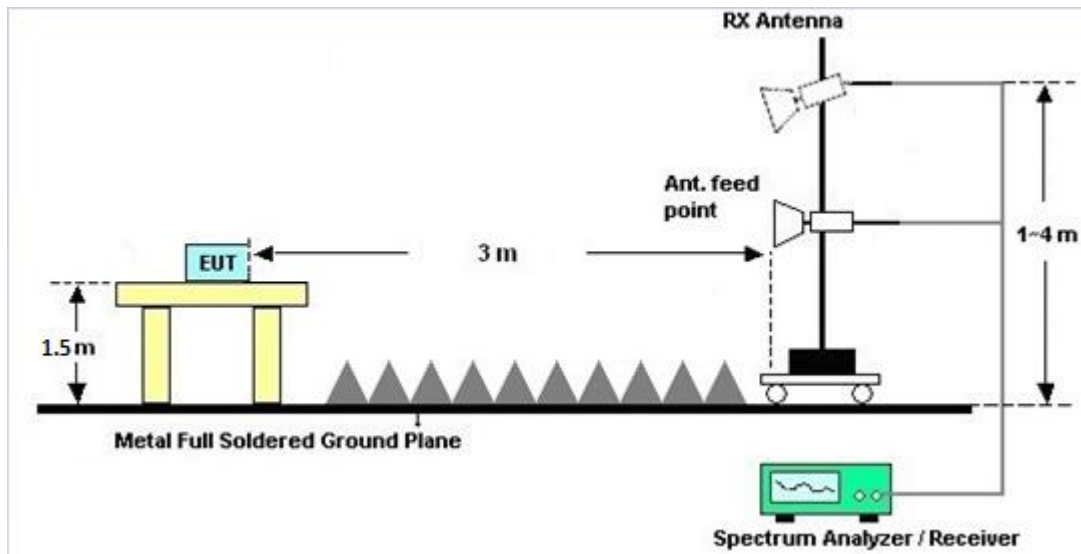
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### 3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

### 3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.



### 3.5 AC Conducted Emission Measurement

#### 3.5.1 Limit of AC Conducted Emission

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

Frequency of emission (MHz)	Conducted limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

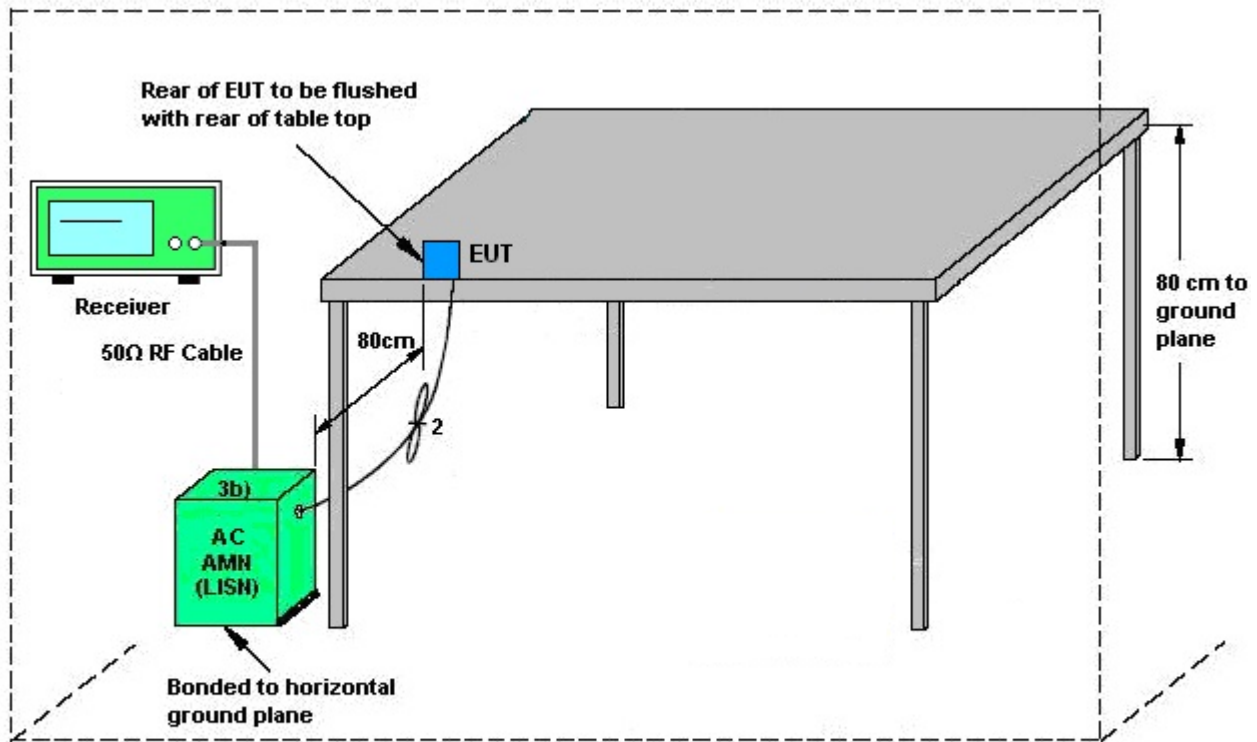
#### 3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

#### 3.5.3 Test Procedures

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

### 3.5.4 Test Setup



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

### 3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.6 Automatically Discontinue Transmission**

### **3.6.1 Limit of Automatically Discontinue Transmission**

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

### **3.6.2 Measuring Instruments**

See list of measuring equipment of this test report.

### **3.6.3 Test Result of Automatically Discontinue Transmission**

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

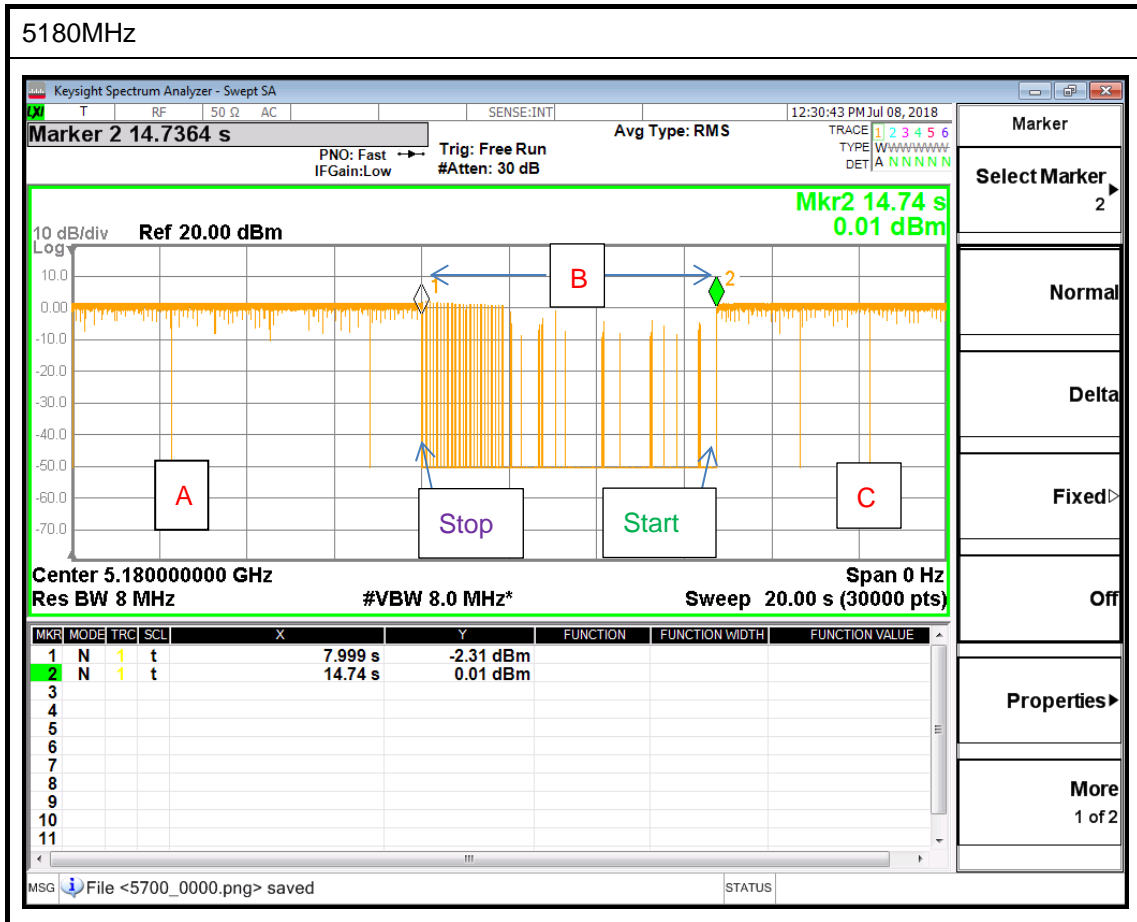
- A. Information start: make EUT supply information to the access point.
- B. Information stop: stop supplying information to the access point.

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

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

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





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



### 3.7 Antenna Requirements

#### 3.7.1 Standard Applicable

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

#### 3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

#### 3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>						
	Ant. 1	Ant. 2	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	1.90	5.70	5.70	7.02	0.00	1.02
Band II	2.45	6.17	6.17	7.52	0.17	1.52
Band III	2.12	6.40	6.40	7.53	0.40	1.53

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

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

**TXBF modes**

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

$N_{SS}$  = the number of independent spatial streams of data;

$N_{ANT}$  = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$  if the  $k$ th antenna is being fed by spatial stream  $j$ , or zero if it is not;  
 $G_k$  is the gain in dBi of the  $k$ th antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)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.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 1	Ant 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
<b>Band I</b>	1.90	5.70	7.02	7.02	1.02	1.02
<b>Band II</b>	2.45	6.17	7.52	7.52	1.52	1.52
<b>Band III</b>	2.12	6.40	7.53	7.53	1.53	1.53



## 4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 26, 2017	Jun. 25, 2018~ Jul. 29, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 26, 2017	Jun. 25, 2018~ Jul. 29, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 13, 2017	Jun. 25, 2018~ Jul. 29, 2018	Nov. 12, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Jun. 25, 2018~ Jul. 29, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 09, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Jul. 09, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Jul. 09, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2017	Jul. 09, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 09, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Jul. 09, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Jul. 09, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Amplifier	MITEQ	TTA1840- 35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Jun. 21, 2018~ Jul. 20, 2018	Jul. 15, 2019	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Jan. 16, 2018	Jun. 21, 2018~ Jul. 20, 2018	Jan. 15, 2019	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D&N-6-06	35414&AT- N0602	30MHz~1GHz	Oct. 14, 2017	Jun. 21, 2018~ Jul. 20, 2018	Oct. 13, 2018	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Oct. 16, 2017	Jun. 21, 2018~ Jul. 20, 2018	Oct. 15, 2018	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Jun. 21, 2018~ Jul. 20, 2018	Nov. 22, 2018	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Jan. 16, 2018	Jun. 21, 2018~ Jul. 20, 2018	Jan. 15, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHz	Oct. 19, 2017	Jun. 21, 2018~ Jul. 20, 2018	Oct. 18, 2018	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS- 4500-B	N/A	1~4m	N/A	Jun. 21, 2018~ Jul. 20, 2018	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jun. 21, 2018~ Jul. 20, 2018	N/A	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03K	171000180005 4002	1GHz~18GHz	Apr. 17, 2018	Jun. 21, 2018~ Jul. 20, 2018	Apr. 16, 2019	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 27, 2017	Jun. 21, 2018~ Jul. 20, 2018	Nov. 26, 2018	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001042	N/A	N/A	Jun. 21, 2018~ Jul. 20, 2018	N/A	Radiation (03CH11-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 14, 2018	Jun. 21, 2018~ Jul. 20, 2018	Mar. 13, 2019	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 14, 2018	Jun. 21, 2018~ Jul. 20, 2018	Mar. 13, 2019	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30M-18G	Mar. 14, 2018	Jun. 21, 2018~ Jul. 20, 2018	Mar. 13, 2019	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 14, 2018	Jun. 21, 2018~ Jul. 20, 2018	Mar. 13, 2019	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN3	6.75GHz High Pass	Sep. 18, 2017	Jun. 21, 2018~ Jul. 20, 2018	Sep. 17, 2018	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1 530-8000- 40SS	SN11	1G Low Pass	Sep. 18, 2017	Jun. 21, 2018~ Jul. 20, 2018	Sep. 17, 2018	Radiation (03CH11-HY)



## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	2.70
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.20
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.50
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ )	5.20
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**Appendix A. Test Result of Conducted Test Items****<CDD Mode>**

Test Engineer:	Shiming Liu / Rebecca Li	Temperature:	21~25	°C
Test Date:	2018/6/25 ~ 2018/7/26	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	17.50	16.65	34.20	21.20	-	-	22.43	22.21	
11a	6Mbps	1	44	5220	18.20	16.95	36.45	33.40	-	-	22.60	22.29	
11a	6Mbps	1	48	5240	18.00	17.00	35.60	34.80	-	-	22.55	22.30	
HT20	MCS0	1	36	5180	18.20	17.75	37.40	25.80	-	-	22.60	22.49	
HT20	MCS0	1	44	5220	18.65	18.00	39.00	34.00	-	-	22.71	22.55	
HT20	MCS0	1	48	5240	18.65	18.00	39.25	35.50	-	-	22.71	22.55	
HT40	MCS0	1	38	5190	36.50	36.50	53.46	41.40	-	-	23.01	23.01	
HT40	MCS0	1	46	5230	37.30	36.70	70.20	70.02	-	-	23.01	23.01	
VHT80	MCS0	1	42	5210	76.92	77.04	81.92	81.92	-	-	23.01	23.01	
11a	6Mbps	2	36	5180	16.70	16.50	25.70	20.90	-	-	22.17		
11a	6Mbps	2	44	5220	16.85	16.55	30.30	25.30	-	-	22.19		
11a	6Mbps	2	48	5240	16.90	16.55	31.90	27.80	-	-	22.19		
HT20	MCS0	2	36	5180	17.75	17.60	28.60	24.20	-	-	22.46		
HT20	MCS0	2	44	5220	18.00	17.70	37.10	30.30	-	-	22.48		
HT20	MCS0	2	48	5240	18.05	17.70	37.00	30.30	-	-	22.48		
HT40	MCS0	2	38	5190	36.50	36.70	41.58	41.58	-	-	23.01		
HT40	MCS0	2	46	5230	37.20	36.60	70.02	67.32	-	-	23.01		
VHT80	MCS0	2	42	5210	77.04	76.68	82.24	80.32	-	-	23.01		



**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.33	0.32	19.06	15.48		24.00	24.00	1.90	5.70	Pass
11a	6Mbps	1	44	5220	0.33	0.32	19.63	19.77		24.00	24.00	1.90	5.70	Pass
11a	6Mbps	1	48	5240	0.33	0.32	19.53	19.74		24.00	24.00	1.90	5.70	Pass
HT20	MCS0	1	36	5180	0.35	0.35	18.63	14.91		24.00	24.00	1.90	5.70	Pass
HT20	MCS0	1	44	5220	0.35	0.35	19.20	19.27		24.00	24.00	1.90	5.70	Pass
HT20	MCS0	1	48	5240	0.35	0.35	19.09	19.25		24.00	24.00	1.90	5.70	Pass
HT40	MCS0	1	38	5190	0.62	0.68	14.63	9.79		24.00	24.00	1.90	5.70	Pass
HT40	MCS0	1	46	5230	0.62	0.68	18.62	18.01		24.00	24.00	1.90	5.70	Pass
VHT20	MCS0	1	36	5180	0.32	0.32	18.47	14.71		24.00	24.00	1.90	5.70	Pass
VHT20	MCS0	1	44	5220	0.32	0.32	19.19	19.22		24.00	24.00	1.90	5.70	Pass
VHT20	MCS0	1	48	5240	0.32	0.32	19.07	19.16		24.00	24.00	1.90	5.70	Pass
VHT40	MCS0	1	38	5190	0.61	0.63	14.59	9.73		24.00	24.00	1.90	5.70	Pass
VHT40	MCS0	1	46	5230	0.61	0.63	18.51	17.98		24.00	24.00	1.90	5.70	Pass
VHT80	MCS0	1	42	5210	1.18	1.18	10.62	8.65		24.00	24.00	1.90	5.70	Pass
11a	6Mbps	2	36	5180	0.33	0.33	15.82	14.93	18.41	24.00		5.70		Pass
11a	6Mbps	2	44	5220	0.33	0.33	17.34	17.91	20.65	24.00		5.70		Pass
11a	6Mbps	2	48	5240	0.33	0.33	17.82	17.94	20.89	24.00		5.70		Pass
HT20	MCS0	2	36	5180	0.35	0.35	15.83	15.14	18.51	24.00		5.70		Pass
HT20	MCS0	2	44	5220	0.35	0.35	17.78	18.24	21.03	24.00		5.70		Pass
HT20	MCS0	2	48	5240	0.35	0.35	17.74	18.31	21.05	24.00		5.70		Pass
HT40	MCS0	2	38	5190	0.63	0.63	10.84	9.29	13.15	24.00		5.70		Pass
HT40	MCS0	2	46	5230	0.63	0.63	17.74	17.85	20.81	24.00		5.70		Pass
VHT20	MCS0	2	36	5180	0.32	0.32	15.52	14.73	18.15	24.00		5.70		Pass
VHT20	MCS0	2	44	5220	0.32	0.32	17.32	17.93	20.64	24.00		5.70		Pass
VHT20	MCS0	2	48	5240	0.32	0.32	17.37	17.90	20.65	24.00		5.70		Pass
VHT40	MCS0	2	38	5190	0.63	0.63	10.83	9.24	13.12	24.00		5.70		Pass
VHT40	MCS0	2	46	5230	0.63	0.63	17.61	17.84	20.74	24.00		5.70		Pass
VHT80	MCS0	2	42	5210	1.17	1.17	8.18	7.47	10.85	24.00		5.70		Pass

**TEST RESULTS DATA**  
**Power Spectral Density**

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.33	0.32	8.45	4.52		11.00	11.00	1.90	5.70	Pass
11a	6Mbps	1	44	5220	0.33	0.32	8.75	9.07		11.00	11.00	1.90	5.70	Pass
11a	6Mbps	1	48	5240	0.33	0.32	9.02	9.12		11.00	11.00	1.90	5.70	Pass
HT20	MCS0	1	36	5180	0.35	0.35	7.96	4.08		11.00	11.00	1.90	5.70	Pass
HT20	MCS0	1	44	5220	0.35	0.35	8.23	8.41		11.00	11.00	1.90	5.70	Pass
HT20	MCS0	1	48	5240	0.35	0.35	8.16	8.25		11.00	11.00	1.90	5.70	Pass
HT40	MCS0	1	38	5190	0.62	0.68	1.00	-4.06		11.00	11.00	1.90	5.70	Pass
HT40	MCS0	1	46	5230	0.62	0.68	4.80	4.30		11.00	11.00	1.90	5.70	Pass
VHT80	MCS0	1	42	5210	1.18	1.18	-6.51	-8.24		11.00	11.00	1.90	5.70	Pass
11a	6Mbps	2	36	5180	0.33	0.33			7.72	9.98		7.02		Pass
11a	6Mbps	2	44	5220	0.33	0.33			9.63	9.98		7.02		Pass
11a	6Mbps	2	48	5240	0.33	0.33			9.84	9.98		7.02		Pass
HT20	MCS0	2	36	5180	0.35	0.35			7.68	9.98		7.02		Pass
HT20	MCS0	2	44	5220	0.35	0.35			9.87	9.98		7.02		Pass
HT20	MCS0	2	48	5240	0.35	0.35			9.92	9.98		7.02		Pass
HT40	MCS0	2	38	5190	0.63	0.63			-1.01	9.98		7.02		Pass
HT40	MCS0	2	46	5230	0.63	0.63			6.78	9.98		7.02		Pass
VHT80	MCS0	2	42	5210	1.17	1.17			-6.24	9.98		7.02		Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band II															
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	18.15	17.10	36.05	32.70	23.59	23.33	29.59	29.33	23.98	23.98	
11a	6Mbps	1	60	5300	18.10	17.05	38.30	33.45	23.58	23.32	29.58	29.32	23.98	23.98	
11a	6Mbps	1	64	5320	17.50	16.75	35.40	21.60	23.43	23.24	29.43	29.24	23.98	23.98	
HT20	MCS0	1	52	5260	18.65	17.90	38.90	31.80	23.71	23.53	29.71	29.53	23.98	23.98	
HT20	MCS0	1	60	5300	18.65	17.90	39.00	33.50	23.71	23.53	29.71	29.53	23.98	23.98	
HT20	MCS0	1	64	5320	18.20	17.75	37.60	26.70	23.60	23.49	29.60	29.49	23.98	23.98	
HT40	MCS0	1	54	5270	37.70	36.60	75.06	69.84	23.98	23.98	30.00	30.00	23.98	23.98	
HT40	MCS0	1	62	5310	36.70	36.50	52.74	41.58	23.98	23.98	30.00	30.00	23.98	23.98	
VHT80	MCS0	1	58	5290	76.92	76.92	81.92	81.92	23.98	23.98	30.00	30.00	23.98	23.98	
11a	6Mbps	2	52	5260	16.80	16.55	30.10	24.50	23.19		29.19		23.98		
11a	6Mbps	2	60	5300	16.90	16.50	33.50	26.70	23.17		29.17		23.98		
11a	6Mbps	2	64	5320	16.80	16.50	26.80	21.50	23.17		29.17		23.98		
HT20	MCS0	2	52	5260	17.90	17.65	33.50	29.00	23.47		29.47		23.98		
HT20	MCS0	2	60	5300	17.95	17.70	36.50	29.70	23.48		29.48		23.98		
HT20	MCS0	2	64	5320	17.80	17.60	30.20	27.70	23.46		29.46		23.98		
HT40	MCS0	2	54	5270	36.90	36.70	69.95	67.23	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.50	36.60	51.48	41.40	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.92	76.68	81.92	80.32	23.98		30.00		23.98		

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II																
Mod.	Data Rate	N <sub>Tx</sub>	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail	
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			
11a	6Mbps	1	52	5260	0.33	0.32	19.54	19.72		23.98	23.81	2.45	6.17	26.99	Pass	
11a	6Mbps	1	60	5300	0.33	0.32	19.58	19.76		23.98	23.81	2.45	6.17	26.99	Pass	
11a	6Mbps	1	64	5320	0.33	0.32	18.24	16.45		23.98	23.81	2.45	6.17	26.99	Pass	
HT20	MCS0	1	52	5260	0.35	0.35	19.05	19.26		23.98	23.81	2.45	6.17	26.99	Pass	
HT20	MCS0	1	60	5300	0.35	0.35	19.10	19.43		23.98	23.81	2.45	6.17	26.99	Pass	
HT20	MCS0	1	64	5320	0.35	0.35	17.92	15.76		23.98	23.81	2.45	6.17	26.99	Pass	
HT40	MCS0	1	54	5270	0.62	0.68	18.54	18.58		23.98	23.81	2.45	6.17	26.99	Pass	
HT40	MCS0	1	62	5310	0.62	0.68	13.83	10.82		23.98	23.81	2.45	6.17	26.99	Pass	
VHT20	MCS0	1	52	5260	0.32	0.32	19.04	19.14		23.98	23.81	2.45	6.17	26.99	Pass	
VHT20	MCS0	1	60	5300	0.32	0.32	19.07	19.17		23.98	23.81	2.45	6.17	26.99	Pass	
VHT20	MCS0	1	64	5320	0.32	0.32	17.60	15.55		23.98	23.81	2.45	6.17	26.99	Pass	
VHT40	MCS0	1	54	5270	0.61	0.63	18.52	18.53		23.98	23.81	2.45	6.17	26.99	Pass	
VHT40	MCS0	1	62	5310	0.61	0.63	13.82	10.78		23.98	23.81	2.45	6.17	26.99	Pass	
VHT80	MCS0	1	58	5290	1.18	1.18	10.87	9.80		23.98	23.81	2.45	6.17	26.99	Pass	
11a	6Mbps	2	52	5260	0.33	0.33	17.16	17.27	20.23	23.81		6.17	26.99	Pass		
11a	6Mbps	2	60	5300	0.33	0.33	17.68	17.86	20.78	23.81		6.17	26.99	Pass		
11a	6Mbps	2	64	5320	0.33	0.33	16.08	16.24	19.17	23.81		6.17	26.99	Pass		
HT20	MCS0	2	52	5260	0.35	0.35	17.22	17.36	20.30	23.81		6.17	26.99	Pass		
HT20	MCS0	2	60	5300	0.35	0.35	17.61	17.98	20.81	23.81		6.17	26.99	Pass		
HT20	MCS0	2	64	5320	0.35	0.35	15.51	15.93	18.74	23.81		6.17	26.99	Pass		
HT40	MCS0	2	54	5270	0.63	0.63	17.53	17.48	20.52	23.81		6.17	26.99	Pass		
HT40	MCS0	2	62	5310	0.63	0.63	10.72	10.17	13.47	23.81		6.17	26.99	Pass		
VHT20	MCS0	2	52	5260	0.32	0.32	16.73	16.92	19.83	23.81		6.17	26.99	Pass		
VHT20	MCS0	2	60	5300	0.32	0.32	17.08	17.57	20.34	23.81		6.17	26.99	Pass		
VHT20	MCS0	2	64	5320	0.32	0.32	15.23	15.37	18.31	23.81		6.17	26.99	Pass		
VHT40	MCS0	2	54	5270	0.63	0.63	17.51	17.45	20.50	23.81		6.17	26.99	Pass		
VHT40	MCS0	2	62	5310	0.63	0.63	10.68	10.04	13.39	23.81		6.17	26.99	Pass		
VHT80	MCS0	2	58	5290	1.17	1.17	9.02	8.52	11.79	23.81		6.17	26.99	Pass		

**TEST RESULTS DATA**  
**Power Spectral Density**

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.33	0.32	8.97	9.42		11.00	10.83	2.45	6.17	Pass
11a	6Mbps	1	60	5300	0.33	0.32	8.87	8.81		11.00	10.83	2.45	6.17	Pass
11a	6Mbps	1	64	5320	0.33	0.32	7.85	5.81		11.00	10.83	2.45	6.17	Pass
HT20	MCS0	1	52	5260	0.35	0.35	7.99	7.81		11.00	10.83	2.45	6.17	Pass
HT20	MCS0	1	60	5300	0.35	0.35	8.03	8.21		11.00	10.83	2.45	6.17	Pass
HT20	MCS0	1	64	5320	0.35	0.35	6.35	4.21		11.00	10.83	2.45	6.17	Pass
HT40	MCS0	1	54	5270	0.62	0.68	4.78	4.19		11.00	10.83	2.45	6.17	Pass
HT40	MCS0	1	62	5310	0.62	0.68	-0.52	-3.69		11.00	10.83	2.45	6.17	Pass
VHT80	MCS0	1	58	5290	1.18	1.18	-6.45	-7.56		11.00	10.83	2.45	6.17	Pass
11a	6Mbps	2	52	5260	0.33	0.33			9.16	9.48	7.52			Pass
11a	6Mbps	2	60	5300	0.33	0.33			9.33	9.48	7.52			Pass
11a	6Mbps	2	64	5320	0.33	0.33			7.72	9.48	7.52			Pass
HT20	MCS0	2	52	5260	0.35	0.35			8.99	9.48	7.52			Pass
HT20	MCS0	2	60	5300	0.35	0.35			9.40	9.48	7.52			Pass
HT20	MCS0	2	64	5320	0.35	0.35			7.27	9.48	7.52			Pass
HT40	MCS0	2	54	5270	0.63	0.63			7.44	9.48	7.52			Pass
HT40	MCS0	2	62	5310	0.63	0.63			-1.21	9.48	7.52			Pass
VHT80	MCS0	2	58	5290	1.17	1.17			-5.79	9.48	7.52			Pass

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band III																
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	17.95	16.95	35.30	31.65	23.54	23.29	29.54	29.29	23.98	23.98	----	----
11a	6Mbps	1	116	5580	17.50	16.95	34.65	33.10	23.43	23.29	29.43	29.29	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.65	16.60	21.40	21.20	23.21	23.20	29.21	29.20	23.98	23.98	----	----
11a	6Mbps	1	144	5720	13.85	13.75	22.80	23.10	22.41	22.38	28.41	28.38	23.98	23.98	2.45	2.45
HT20	MCS0	1	100	5500	18.40	18.00	37.60	36.90	23.65	23.55	29.65	29.55	23.98	23.98	----	----
HT20	MCS0	1	116	5580	18.40	18.05	39.25	34.20	23.65	23.56	29.65	29.56	23.98	23.98	----	----
HT20	MCS0	1	140	5700	17.65	17.65	23.50	28.00	23.47	23.47	29.47	29.47	23.98	23.98	----	----
HT20	MCS0	1	144	5720	14.15	14.10	23.90	21.95	22.51	22.49	28.51	28.49	23.98	23.98	2.55	2.45
HT40	MCS0	1	102	5510	36.60	36.40	68.76	41.58	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	37.10	37.00	70.02	69.66	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	37.10	36.90	70.38	69.84	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	142	5710	33.80	33.60	50.64	50.55	23.98	23.98	30.00	30.00	23.98	23.98	2.5	2.5
VHT80	MCS0	1	106	5530	76.68	76.68	81.92	81.92	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	77.52	77.28	131.60	107.84	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	138	5690	74.24	74.00	129.40	97.72	23.98	23.98	30.00	30.00	23.98	23.98	2.6	2.6
11a	6Mbps	2	100	5500	16.75	16.55	26.80	22.50	23.19	23.19	29.19	29.19	23.98	23.98	----	----
11a	6Mbps	2	116	5580	16.70	16.50	24.40	21.90	23.17	23.17	29.17	29.17	23.98	23.98	----	----
11a	6Mbps	2	140	5700	16.60	16.45	21.20	21.10	23.16	23.16	29.16	29.16	23.98	23.98	----	----
11a	6Mbps	2	144	5720	13.40	13.35	19.70	20.85	22.25	22.25	28.25	28.25	23.94	23.94	2.55	2.55
HT20	MCS0	2	100	5500	17.80	17.60	29.50	29.00	23.46	23.46	29.46	29.46	23.98	23.98	----	----
HT20	MCS0	2	116	5580	17.75	17.60	30.10	27.40	23.46	23.46	29.46	29.46	23.98	23.98	----	----
HT20	MCS0	2	140	5700	17.70	17.60	27.00	26.40	23.46	23.46	29.46	29.46	23.98	23.98	----	----
HT20	MCS0	2	144	5720	13.95	13.90	20.75	20.50	22.43	22.43	28.43	28.43	23.98	23.98	2.55	2.55
HT40	MCS0	2	102	5510	36.60	36.60	41.76	41.40	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	2	110	5550	36.60	36.90	69.95	67.32	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	2	134	5670	36.80	36.70	70.38	68.86	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	2	142	5710	33.40	33.50	50.64	49.65	23.98	23.98	30.00	30.00	23.98	23.98	2.53	2.54
VHT80	MCS0	2	106	5530	76.92	76.68	82.24	80.96	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	2	122	5610	77.04	77.04	92.64	100.80	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	2	138	5690	73.88	73.88	98.52	96.76	23.98	23.98	30.00	30.00	23.98	23.98	2.6	2.6

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band III															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.33	0.32	19.96	18.63		23.98	23.58	2.12	6.40	26.99	Pass
11a	6Mbps	1	116	5580	0.33	0.32	19.70	19.62		23.98	23.58	2.12	6.40	26.99	Pass
11a	6Mbps	1	140	5700	0.33	0.32	15.22	14.77		23.98	23.58	2.12	6.40	26.99	Pass
11a	6Mbps	1	144	5720	0.33	0.32	19.51	19.54		23.98	23.58	2.12	6.40	26.99	Pass
HT20	MCS0	1	100	5500	0.35	0.35	19.29	18.18		23.98	23.58	2.12	6.40	26.99	Pass
HT20	MCS0	1	116	5580	0.35	0.35	19.26	19.21		23.98	23.58	2.12	6.40	26.99	Pass
HT20	MCS0	1	140	5700	0.35	0.35	13.84	15.00		23.98	23.58	2.12	6.40	26.99	Pass
HT20	MCS0	1	144	5720	0.35	0.35	19.02	19.18		23.98	23.58	2.12	6.40	26.99	Pass
HT40	MCS0	1	102	5510	0.62	0.68	16.59	14.65		23.98	23.58	2.12	6.40	26.99	Pass
HT40	MCS0	1	110	5550	0.62	0.68	18.72	18.64		23.98	23.58	2.12	6.40	26.99	Pass
HT40	MCS0	1	134	5670	0.62	0.68	18.54	18.53		23.98	23.58	2.12	6.40	26.99	Pass
HT40	MCS0	1	142	5710	0.62	0.68	18.53	18.52		23.98	23.58	2.12	6.40	26.99	Pass
VHT20	MCS0	1	100	5500	0.32	0.32	19.24	18.04		23.98	23.58	2.12	6.40	26.99	Pass
VHT20	MCS0	1	116	5580	0.32	0.32	19.18	19.20		23.98	23.58	2.12	6.40	26.99	Pass
VHT20	MCS0	1	140	5700	0.32	0.32	13.70	14.80		23.98	23.58	2.12	6.40	26.99	Pass
VHT20	MCS0	1	144	5720	0.32	0.32	19.01	19.07		23.98	23.58	2.12	6.40	26.99	Pass
VHT40	MCS0	1	102	5510	0.61	0.63	16.58	14.47		23.98	23.58	2.12	6.40	26.99	Pass
VHT40	MCS0	1	110	5550	0.61	0.63	18.61	18.53		23.98	23.58	2.12	6.40	26.99	Pass
VHT40	MCS0	1	134	5670	0.61	0.63	18.22	18.52		23.98	23.58	2.12	6.40	26.99	Pass
VHT40	MCS0	1	142	5710	0.61	0.63	18.13	18.51		23.98	23.58	2.12	6.40	26.99	Pass
VHT80	MCS0	1	106	5530	1.18	1.18	11.57	9.83		23.98	23.58	2.12	6.40	26.99	Pass
VHT80	MCS0	1	122	5610	1.18	1.18	18.53	17.73		23.98	23.58	2.12	6.40	26.99	Pass
VHT80	MCS0	1	138	5690	1.18	1.18	18.52	18.56		23.98	23.58	2.12	6.40	26.99	Pass
11a	6Mbps	2	100	5500	0.33	0.33	16.71	15.89	19.33	23.58		6.40	26.99	Pass	
11a	6Mbps	2	116	5580	0.33	0.33	16.10	15.44	18.79	23.58		6.40	26.99	Pass	
11a	6Mbps	2	140	5700	0.33	0.33	13.23	13.88	16.58	23.58		6.40	26.99	Pass	
11a	6Mbps	2	144	5720	0.33	0.33	16.66	17.37	20.04	23.54		6.40	26.99	Pass	
HT20	MCS0	2	100	5500	0.35	0.35	16.86	16.22	19.57	23.58		6.40	26.99	Pass	
HT20	MCS0	2	116	5580	0.35	0.35	16.02	15.67	18.86	23.58		6.40	26.99	Pass	
HT20	MCS0	2	140	5700	0.35	0.35	14.20	15.01	17.64	23.58		6.40	26.99	Pass	
HT20	MCS0	2	144	5720	0.35	0.35	16.54	17.51	20.07	23.58		6.40	26.99	Pass	
HT40	MCS0	2	102	5510	0.63	0.63	14.22	13.24	16.77	23.58		6.40	26.99	Pass	
HT40	MCS0	2	110	5550	0.63	0.63	17.85	17.25	20.58	23.58		6.40	26.99	Pass	
HT40	MCS0	2	134	5670	0.63	0.63	17.53	17.58	20.57	23.58		6.40	26.99	Pass	
HT40	MCS0	2	142	5710	0.63	0.63	16.58	17.53	20.10	23.58		6.40	26.99	Pass	
VHT20	MCS0	2	100	5500	0.32	0.32	16.61	16.14	19.39	23.58		6.40	26.99	Pass	
VHT20	MCS0	2	116	5580	0.32	0.32	15.98	15.64	18.82	23.58		6.40	26.99	Pass	
VHT20	MCS0	2	140	5700	0.32	0.32	13.96	14.78	17.40	23.58		6.40	26.99	Pass	
VHT20	MCS0	2	144	5720	0.32	0.32	16.16	17.13	19.68	23.58		6.40	26.99	Pass	
VHT40	MCS0	2	102	5510	0.63	0.63	14.04	13.23	16.67	23.58		6.40	26.99	Pass	
VHT40	MCS0	2	110	5550	0.63	0.63	17.73	17.18	20.48	23.58		6.40	26.99	Pass	
VHT40	MCS0	2	134	5670	0.63	0.63	17.39	17.51	20.47	23.58		6.40	26.99	Pass	
VHT40	MCS0	2	142	5710	0.63	0.63	16.51	17.45	20.02	23.58		6.40	26.99	Pass	
VHT80	MCS0	2	106	5530	1.17	1.17	9.88	9.26	12.59	23.58		6.40	26.99	Pass	
VHT80	MCS0	2	122	5610	1.17	1.17	16.54	17.12	19.85	23.58		6.40	26.99	Pass	
VHT80	MCS0	2	138	5690	1.17	1.17	17.17	17.42	20.31	23.58		6.40	26.99	Pass	

**TEST RESULTS DATA**  
**Power Spectral Density**

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	0.33	0.32	10.11	8.93		11.00	10.60	2.12	6.40	Pass
11a	6Mbps	1	116	5580	0.33	0.32	9.74	9.81		11.00	10.60	2.12	6.40	Pass
11a	6Mbps	1	140	5700	0.33	0.32	4.49	3.95		11.00	10.60	2.12	6.40	Pass
11a	6Mbps	1	144	5720	0.33	0.32	8.69	8.98		11.00	10.60	2.12	6.40	Pass
HT20	MCS0	1	100	5500	0.35	0.35	9.24	7.97		11.00	10.60	2.12	6.40	Pass
HT20	MCS0	1	116	5580	0.35	0.35	9.17	8.95		11.00	10.60	2.12	6.40	Pass
HT20	MCS0	1	140	5700	0.35	0.35	3.08	4.17		11.00	10.60	2.12	6.40	Pass
HT20	MCS0	1	144	5720	0.35	0.35	8.76	8.88		11.00	10.60	2.12	6.40	Pass
HT40	MCS0	1	102	5510	0.62	0.68	3.83	1.45		11.00	10.60	2.12	6.40	Pass
HT40	MCS0	1	110	5550	0.62	0.68	6.38	5.97		11.00	10.60	2.12	6.40	Pass
HT40	MCS0	1	134	5670	0.62	0.68	4.75	5.41		11.00	10.60	2.12	6.40	Pass
HT40	MCS0	1	142	5710	0.62	0.68	4.76	5.15		11.00	10.60	2.12	6.40	Pass
VHT80	MCS0	1	106	5530	1.18	1.18	-4.56	-6.03		11.00	10.60	2.12	6.40	Pass
VHT80	MCS0	1	122	5610	1.18	1.18	2.75	1.79		11.00	10.60	2.12	6.40	Pass
VHT80	MCS0	1	138	5690	1.18	1.18	2.11	1.60		11.00	10.60	2.12	6.40	Pass
11a	6Mbps	2	100	5500	0.33	0.33			9.24	9.47	7.53			Pass
11a	6Mbps	2	116	5580	0.33	0.33			9.07	9.47	7.53			Pass
11a	6Mbps	2	140	5700	0.33	0.33			5.90	9.47	7.53			Pass
11a	6Mbps	2	144	5720	0.33	0.33			9.30	9.47	7.53			Pass
HT20	MCS0	2	100	5500	0.35	0.35			9.40	9.47	7.53			Pass
HT20	MCS0	2	116	5580	0.35	0.35			8.99	9.47	7.53			Pass
HT20	MCS0	2	140	5700	0.35	0.35			6.85	9.47	7.53			Pass
HT20	MCS0	2	144	5720	0.35	0.35			9.23	9.47	7.53			Pass
HT40	MCS0	2	102	5510	0.63	0.63			4.04	9.47	7.53			Pass
HT40	MCS0	2	110	5550	0.63	0.63			9.18	9.47	7.53			Pass
HT40	MCS0	2	134	5670	0.63	0.63			7.87	9.47	7.53			Pass
HT40	MCS0	2	142	5710	0.63	0.63			8.20	9.47	7.53			Pass
VHT80	MCS0	2	106	5530	1.17	1.17			-3.72	9.47	7.53			Pass
VHT80	MCS0	2	122	5610	1.17	1.17			3.70	9.47	7.53			Pass
VHT80	MCS0	2	138	5690	1.17	1.17			4.91	9.47	7.53			Pass



**Appendix A. Test Result of Conducted Test Items**

&lt;TXBF Mode&gt;

Test Engineer:	Rebecca Li/Shiming Liu/Bill Kuo	Temperature:	21~25	°C
Test Date:	2018/7/4~2018/7/29	Relative Humidity:	51~54	%

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20	MCS0	2	36	5180	17.75	17.60	27.15	21.20	-	-	22.46	-	
VHT20	MCS0	2	44	5220	17.85	17.65	33.95	27.45	-	-	22.47	-	
VHT20	MCS0	2	48	5240	18.20	17.70	36.80	29.50	-	-	22.48	-	
VHT40	MCS0	2	38	5190	36.40	36.60	41.76	41.40	-	-	23.01	-	
VHT40	MCS0	2	46	5230	36.90	36.70	68.22	43.02	-	-	23.01	-	
VHT80	MCS0	2	42	5210	76.92	76.68	82.24	81.28	-	-	23.01	-	

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20	MCS0	2	36	5180	0.13	0.13	15.66	15.13	18.41	22.98	7.02		Pass	
VHT20	MCS0	2	44	5220	0.13	0.13	17.10	18.03	20.60	22.98	7.02		Pass	
VHT20	MCS0	2	48	5240	0.13	0.13	17.68	18.35	21.04	22.98	7.02		Pass	
VHT40	MCS0	2	38	5190	0.23	0.23	11.23	10.03	13.68	22.98	7.02		Pass	
VHT40	MCS0	2	46	5230	0.23	0.23	17.23	17.87	20.57	22.98	7.02		Pass	
VHT80	MCS0	2	42	5210	0.46	0.51	8.61	8.41	11.52	22.98	7.02		Pass	

**TEST RESULTS DATA**  
**Power Spectral Density**

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20	MCS0	2	36	5180	0.13	0.13			8.15	9.98	7.02		Pass	
VHT20	MCS0	2	44	5220	0.13	0.13			9.93	9.98	7.02		Pass	
VHT20	MCS0	2	48	5240	0.13	0.13			9.74	9.98	7.02		Pass	
VHT40	MCS0	2	38	5190	0.23	0.23			-0.61	9.98	7.02		Pass	
VHT40	MCS0	2	46	5230	0.23	0.23			6.25	9.98	7.02		Pass	
VHT80	MCS0	2	42	5210	0.46	0.51			-7.05	9.98	7.02		Pass	

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band II															
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	
VHT20	MCS0	2	52	5260	18.00	17.65	36.00	24.50	23.47		29.47		23.98		
VHT20	MCS0	2	60	5300	18.15	17.70	36.90	28.30	23.48		29.48		23.98		
VHT20	MCS0	2	64	5320	17.90	17.60	32.90	21.60	23.46		29.46		23.98		
VHT40	MCS0	2	54	5270	39.50	36.90	83.52	64.26	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.60	36.80	41.58	41.58	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.92	76.68	81.92	81.28	23.98		30.00		23.98		

**TEST RESULTS DATA**  
**Average Power Table**

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	52	5260	0.13	0.13	16.15	16.72	19.45	22.46	22.46	7.52	26.99	Pass	
VHT20	MCS0	2	60	5300	0.13	0.13	15.78	16.42	19.12	22.46	22.46	7.52	26.99	Pass	
VHT20	MCS0	2	64	5320	0.13	0.13	15.63	16.43	19.06	22.46	22.46	7.52	26.99	Pass	
VHT40	MCS0	2	54	5270	0.23	0.23	16.12	16.28	19.21	22.46	22.46	7.52	26.99	Pass	
VHT40	MCS0	2	62	5310	0.23	0.23	11.05	10.76	13.92	22.46	22.46	7.52	26.99	Pass	
VHT80	MCS0	2	58	5290	0.46	0.51	9.94	9.71	12.84	22.46	22.46	7.52	26.99	Pass	

**TEST RESULTS DATA**  
**Power Spectral Density**

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20	MCS0	2	52	5260	0.13	0.13			8.20	9.48	7.52		Pass	
VHT20	MCS0	2	60	5300	0.13	0.13			7.53	9.48	7.52		Pass	
VHT20	MCS0	2	64	5320	0.13	0.13			7.57	9.48	7.52		Pass	
VHT40	MCS0	2	54	5270	0.23	0.23			4.46	9.48	7.52		Pass	
VHT40	MCS0	2	62	5310	0.23	0.23			-0.75	9.48	7.52		Pass	
VHT80	MCS0	2	58	5290	0.46	0.51			-6.20	9.48	7.52		Pass	

**TEST RESULTS DATA**  
**26dB and 99% OBW**

Band III																
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
VHT20	MCS0	2	100	5500	17.75	17.60	30.30	21.40	23.46		29.46		23.98	----	----	
VHT20	MCS0	2	116	5580	17.80	17.60	28.10	21.50	23.46		29.46		23.98	----	----	
VHT20	MCS0	2	140	5700	17.70	17.60	21.90	21.40	23.46		29.46		23.98	----	----	
VHT20	MCS0	2	144	5720	13.95	13.90	20.80	19.00	22.43		28.43		23.79	-	-	
VHT40	MCS0	2	102	5510	36.50	36.60	43.02	41.40	23.98		30.00		23.98	----	----	
VHT40	MCS0	2	110	5550	38.00	37.00	74.88	61.74	23.98		30.00		23.98	----	----	
VHT40	MCS0	2	134	5670	37.60	37.00	72.54	64.80	23.98		30.00		23.98	----	----	
VHT40	MCS0	2	142	5710	33.80	33.90	50.64	50.10	23.98		30.00		23.98	-	-	
VHT80	MCS0	2	106	5530	76.92	76.56	82.56	81.28	23.98		30.00		23.98	----	----	
VHT80	MCS0	2	122	5610	77.04	77.16	109.76	100.48	23.98		30.00		23.98	----	----	
VHT80	MCS0	2	138	5690	74.96	74.24	130.52	129.56	23.98		30.00		23.98	-	-	



**TEST RESULTS DATA**  
**Average Power Table**

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	100	5500	0.13	0.13	16.32	16.15	19.25	22.45	22.45	7.53	26.99	Pass	
VHT20	MCS0	2	116	5580	0.13	0.13	16.22	15.98	19.11	22.45	22.45	7.53	26.99	Pass	
VHT20	MCS0	2	140	5700	0.13	0.13	13.00	13.93	16.50	22.45	22.45	7.53	26.99	Pass	
VHT20	MCS0	2	144	5720	0.13	0.13	15.54	16.82	19.24	22.26	22.26	7.53	26.99	Pass	
VHT40	MCS0	2	102	5510	0.23	0.23	13.33	12.95	16.16	22.45	22.45	7.53	26.99	Pass	
VHT40	MCS0	2	110	5550	0.23	0.23	16.42	15.96	19.21	22.45	22.45	7.53	26.99	Pass	
VHT40	MCS0	2	134	5670	0.23	0.23	16.44	16.42	19.44	22.45	22.45	7.53	26.99	Pass	
VHT40	MCS0	2	142	5710	0.23	0.23	15.38	16.59	19.04	22.45	22.45	7.53	26.99	Pass	
VHT80	MCS0	2	106	5530	0.46	0.51	10.31	9.89	13.11	22.45	22.45	7.53	26.99	Pass	
VHT80	MCS0	2	122	5610	0.46	0.51	15.54	16.46	19.03	22.45	22.45	7.53	26.99	Pass	
VHT80	MCS0	2	138	5690	0.46	0.51	15.87	16.06	18.98	22.45	22.45	7.53	26.99	Pass	

***TEST RESULTS DATA***  
***Power Spectral Density***

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
VHT20	MCS0	2	100	5500	0.13	0.13			8.98	9.47	7.53		Pass	
VHT20	MCS0	2	116	5580	0.13	0.13			9.18	9.47	7.53		Pass	
VHT20	MCS0	2	140	5700	0.13	0.13			5.69	9.47	7.53		Pass	
VHT20	MCS0	2	144	5720	0.13	0.13			8.26	9.47	7.53		Pass	
VHT40	MCS0	2	102	5510	0.23	0.23			2.62	9.47	7.53		Pass	
VHT40	MCS0	2	110	5550	0.23	0.23			6.00	9.47	7.53		Pass	
VHT40	MCS0	2	134	5670	0.23	0.23			5.14	9.47	7.53		Pass	
VHT40	MCS0	2	142	5710	0.23	0.23			4.57	9.47	7.53		Pass	
VHT80	MCS0	2	106	5530	0.46	0.51			-4.67	9.47	7.53		Pass	
VHT80	MCS0	2	122	5610	0.46	0.51			1.73	9.47	7.53		Pass	
VHT80	MCS0	2	138	5690	0.46	0.51			1.07	9.47	7.53		Pass	



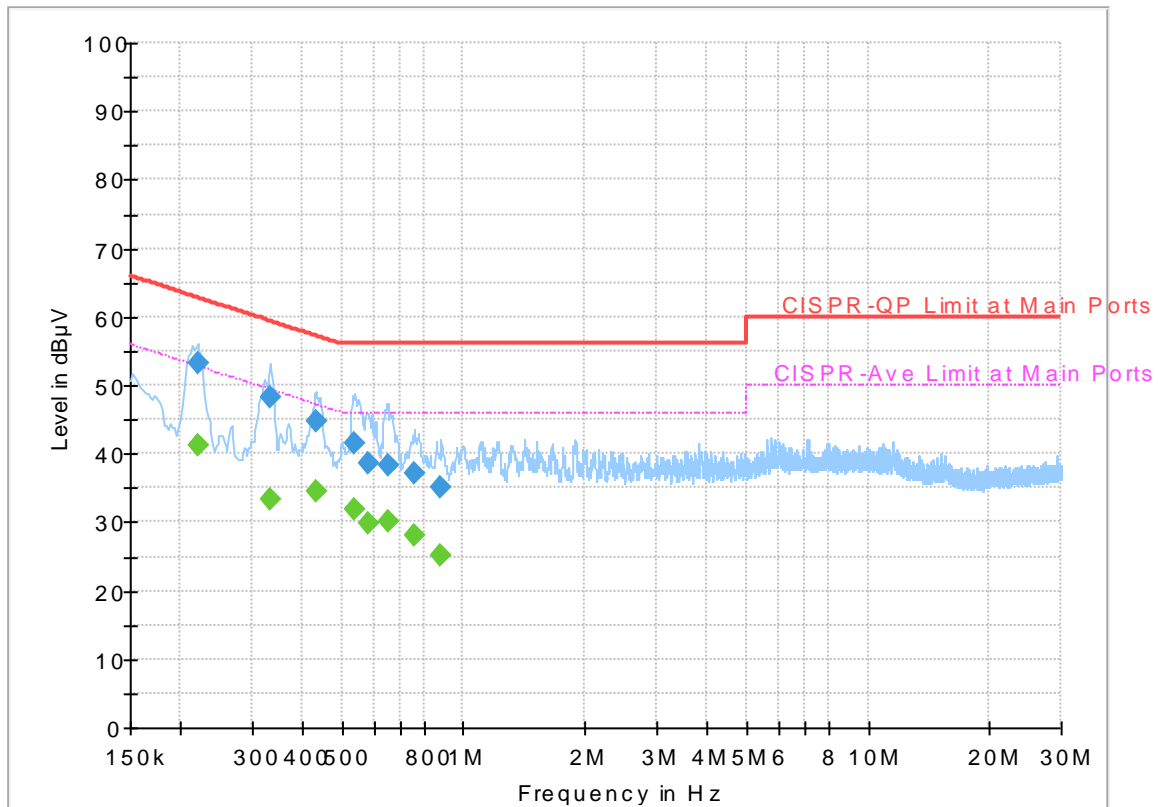
## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Kai-Chun Chu	Temperature :	24~26°C
		Relative Humidity :	51~55%

## EUT Information

Report NO : 832126-02  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Line

Full Spectrum



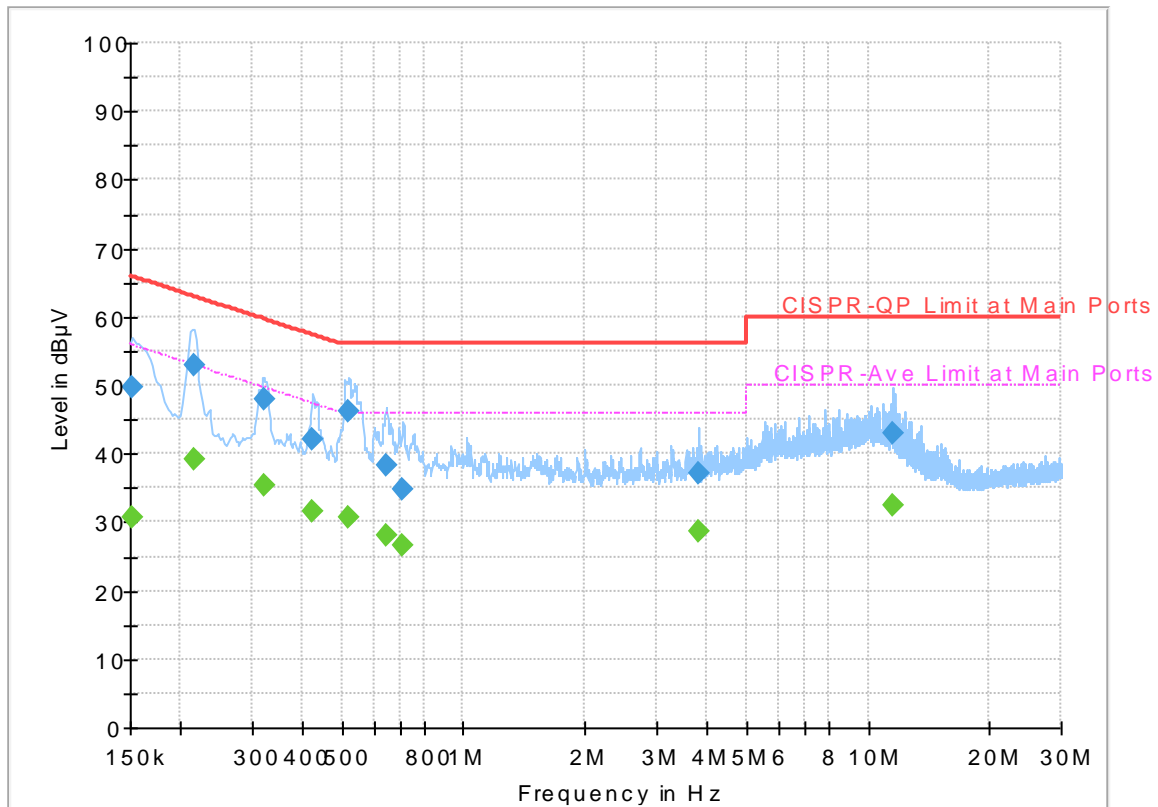
## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.219750	---	41.35	52.83	11.48	L1	OFF	19.5
0.219750	53.12	---	62.83	9.71	L1	OFF	19.5
0.332250	---	33.44	49.40	15.96	L1	OFF	19.5
0.332250	48.29	---	59.40	11.11	L1	OFF	19.5
0.431250	---	34.37	47.23	12.86	L1	OFF	19.5
0.431250	44.88	---	57.23	12.35	L1	OFF	19.5
0.537000	---	31.93	46.00	14.07	L1	OFF	19.5
0.537000	41.51	---	56.00	14.49	L1	OFF	19.5
0.579750	---	29.70	46.00	16.30	L1	OFF	19.5
0.579750	38.52	---	56.00	17.48	L1	OFF	19.5
0.649500	---	30.02	46.00	15.98	L1	OFF	19.6
0.649500	38.37	---	56.00	17.63	L1	OFF	19.6
0.757500	---	28.10	46.00	17.90	L1	OFF	19.6
0.757500	37.19	---	56.00	18.81	L1	OFF	19.6
0.879000	---	25.22	46.00	20.78	L1	OFF	19.6
0.879000	34.95	---	56.00	21.05	L1	OFF	19.6

# EUT Information

Report NO : 832126-02  
 Test Mode : Mode 1  
 Test Voltage : 120Vac/60Hz  
 Phase : Neutral

Full Spectrum



## Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.59	55.88	25.29	N	OFF	19.5
0.152250	49.75	---	65.88	16.13	N	OFF	19.5
0.215250	---	39.27	53.00	13.73	N	OFF	19.5
0.215250	52.96	---	63.00	10.04	N	OFF	19.5
0.321000	---	35.37	49.68	14.31	N	OFF	19.5
0.321000	47.87	---	59.68	11.81	N	OFF	19.5
0.424500	---	31.65	47.36	15.71	N	OFF	19.5
0.424500	42.11	---	57.36	15.25	N	OFF	19.5
0.521250	---	30.76	46.00	15.24	N	OFF	19.5
0.521250	46.08	---	56.00	9.92	N	OFF	19.5
0.645000	---	28.10	46.00	17.90	N	OFF	19.6
0.645000	38.39	---	56.00	17.61	N	OFF	19.6
0.710250	---	26.61	46.00	19.39	N	OFF	19.6
0.710250	34.77	---	56.00	21.23	N	OFF	19.6
3.815250	---	28.57	46.00	17.43	N	OFF	19.7
3.815250	36.99	---	56.00	19.01	N	OFF	19.7
11.460750	---	32.48	50.00	17.52	N	OFF	20.0
11.460750	42.99	---	60.00	17.01	N	OFF	20.0



### Appendix C. Radiated Spurious Emission

Test Engineer :	Hao Hsu, Chuan Chu, and Ken Wu	Temperature :	21~26°C
		Relative Humidity :	52~57%

<CDD Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	60.76	-13.24	74	52.99	31.75	9.05	33.03	100	94	P	H
		5150	53.25	-0.75	54	45.48	31.75	9.05	33.03	100	94	A	H
	*	5180	112.44	-	-	104.62	31.78	9.07	33.03	100	94	P	H
	*	5180	104.95	-	-	97.13	31.78	9.07	33.03	100	94	A	H
		5149.5	54.61	-19.39	74	46.84	31.75	9.05	33.03	384	342	P	V
		5150	46.25	-7.75	54	38.48	31.75	9.05	33.03	384	342	A	V
	*	5180	105.53	-	-	97.71	31.78	9.07	33.03	384	342	P	V
	*	5180	98.37	-	-	90.55	31.78	9.07	33.03	384	342	A	V
802.11a CH 44 5220MHz		5148.98	52.81	-21.19	74	45.04	31.75	9.05	33.03	100	94	P	H
		5149.5	43.65	-10.35	54	35.88	31.75	9.05	33.03	100	94	A	H
	*	5220	114.4	-	-	106.5	31.82	9.11	33.03	100	94	P	H
	*	5220	107.22	-	-	99.32	31.82	9.11	33.03	100	94	A	H
		5359.3	50.7	-23.3	74	42.59	31.95	9.19	33.03	100	94	P	H
		5351.47	41.67	-12.33	54	33.56	31.95	9.19	33.03	100	94	A	H
		5083.46	49.56	-24.44	74	41.91	31.68	9.01	33.04	400	307	P	V
		5111.8	41.17	-12.83	54	33.46	31.72	9.03	33.04	400	307	A	V
	*	5220	107.99	-	-	100.09	31.82	9.11	33.03	400	307	P	V
	*	5220	100.78	-	-	92.88	31.82	9.11	33.03	400	307	A	V
		5367.13	48.13	-25.87	74	39.99	31.97	9.2	33.03	400	307	P	V
	5448.94	39.7	-14.3	54	31.38	32.05	9.29	33.02	400	307	A	V	



<b>802.11a CH 48 5240MHz</b>		5147.68	51.24	-22.76	74	43.47	31.75	9.05	33.03	100	117	P	H
		5148.2	43.3	-10.7	54	35.53	31.75	9.05	33.03	100	117	A	H
	*	5240	114.64	-	-	106.72	31.83	9.12	33.03	100	117	P	H
	*	5240	107.41	-	-	99.49	31.83	9.12	33.03	100	117	A	H
		5360.38	50.89	-23.11	74	42.78	31.95	9.19	33.03	100	117	P	H
		5352.82	42.05	-11.95	54	33.94	31.95	9.19	33.03	100	117	A	H
		5073.32	49.41	-24.59	74	41.78	31.68	8.99	33.04	397	315	P	V
		5112.58	41.14	-12.86	54	33.43	31.72	9.03	33.04	397	315	A	V
	*	5240	107.77	-	-	99.85	31.83	9.12	33.03	397	315	P	V
	*	5240	100.49	-	-	92.57	31.83	9.12	33.03	397	315	A	V
		5413.3	48.6	-25.4	74	40.38	32.02	9.22	33.02	397	315	P	V
		5351.47	39.74	-14.26	54	31.63	31.95	9.19	33.03	397	315	A	V
<b>Remark</b>	<ol style="list-style-type: none"> <li>1. No other spurious found.</li> <li>2. All results are PASS against Peak and Average limit line.</li> </ol>												



**Band 1 5150~5250MHz**

**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 36 5180MHz		10360	57.18	-11.02	68.2	62.74	39.51	14.94	60.01	100	198	P	H
		15540	46.99	-27.01	74	48.7	38	18.34	58.05	100	0	P	H
		10360	58.15	-10.05	68.2	63.71	39.51	14.94	60.01	100	82	P	V
		15540	49.32	-24.68	74	51.03	38	18.34	58.05	100	0	P	V
802.11a CH 44 5220MHz		10440	57.22	-10.98	68.2	62.77	39.61	14.99	60.15	100	187	P	H
		15660	47.29	-26.71	74	49.09	37.67	18.41	57.88	100	0	P	H
		10440	59.48	-8.72	68.2	65.03	39.61	14.99	60.15	100	265	P	V
		15660	49.72	-24.28	74	51.52	37.67	18.41	57.88	100	0	P	V
802.11a CH 48 5240MHz		10480	51.57	-16.63	68.2	57.12	39.68	15.03	60.26	100	0	P	H
		15720	47.84	-26.16	74	49.73	37.47	18.43	57.79	100	0	P	H
		10480	56.23	-11.97	68.2	61.78	39.68	15.03	60.26	100	0	P	V
		15720	54.06	-19.94	74	55.95	37.47	18.43	57.79	100	66	P	V
		15720	42.53	-11.47	54	44.42	37.47	18.43	57.79	100	66	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**Band 1 5150~5250MHz**

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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5148.2	60.63	-13.37	74	52.86	31.75	9.05	33.03	100	92	P	H
		5149.76	53.48	-0.52	54	45.71	31.75	9.05	33.03	100	92	A	H
	*	5180	112.27	-	-	104.45	31.78	9.07	33.03	100	92	P	H
	*	5180	104.98	-	-	97.16	31.78	9.07	33.03	100	92	A	H
		5149.24	55.46	-18.54	74	47.69	31.75	9.05	33.03	383	337	P	V
		5150	45.74	-8.26	54	37.97	31.75	9.05	33.03	383	337	A	V
	*	5180	105.5	-	-	97.68	31.78	9.07	33.03	383	337	P	V
		5180	97.71	-	-	89.89	31.78	9.07	33.03	383	337	A	V
802.11n HT20 CH 44 5220MHz		5107.64	51.46	-22.54	74	43.75	31.72	9.03	33.04	100	81	P	H
		5149.76	43.43	-10.57	54	35.66	31.75	9.05	33.03	100	81	A	H
	*	5220	114.01	-	-	106.11	31.82	9.11	33.03	100	81	P	H
	*	5220	106.47	-	-	98.57	31.82	9.11	33.03	100	81	A	H
		5354.44	49.87	-24.13	74	41.76	31.95	9.19	33.03	100	81	P	H
		5354.17	41.96	-12.04	54	33.85	31.95	9.19	33.03	100	81	A	H
		5065	49.53	-24.47	74	41.91	31.67	8.99	33.04	400	307	P	V
		5108.42	41.02	-12.98	54	33.31	31.72	9.03	33.04	400	307	A	V
	*	5220	107.67	-	-	99.77	31.82	9.11	33.03	400	307	P	V
	*	5220	100.18	-	-	92.28	31.82	9.11	33.03	400	307	A	V
		5391.7	47.72	-26.28	74	39.56	31.98	9.2	33.02	400	307	P	V
		5448.13	39.62	-14.38	54	31.3	32.05	9.29	33.02	400	307	A	V



<b>802.11n HT20 CH 48 5240MHz</b>		5143.78	51.26	-22.74	74	43.49	31.75	9.05	33.03	106	83	P	H
		5149.24	43.12	-10.88	54	35.35	31.75	9.05	33.03	106	83	A	H
	*	5240	113.65	-	-	105.73	31.83	9.12	33.03	106	83	P	H
	*	5240	106.18	-	-	98.26	31.83	9.12	33.03	106	83	A	H
		5356.06	51.63	-22.37	74	43.52	31.95	9.19	33.03	106	83	P	H
		5351.47	43.45	-10.55	54	35.34	31.95	9.19	33.03	106	83	A	H
		5005.72	49.36	-24.64	74	41.83	31.62	8.95	33.04	396	307	P	V
		5127.92	41.11	-12.89	54	33.38	31.73	9.03	33.03	396	307	A	V
	*	5240	106.91	-	-	98.99	31.83	9.12	33.03	396	307	P	V
	*	5240	99.61	-	-	91.69	31.83	9.12	33.03	396	307	A	V
		5428.15	48.61	-25.39	74	40.35	32.02	9.26	33.02	396	307	P	V
	5459.47	39.65	-14.35	54	31.33	32.05	9.29	33.02	396	307	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10360	54.67	-13.53	68.2	60.23	39.51	14.94	60.01	100	194	P	H
HT20		15540	44.68	-29.32	74	46.39	38	18.34	58.05	100	0	P	H
CH 36		10360	49.81	-18.39	68.2	55.37	39.51	14.94	60.01	100	0	P	V
5180MHz		15540	45.37	-28.63	74	47.08	38	18.34	58.05	100	0	P	V
802.11n		10440	49.17	-19.03	68.2	54.72	39.61	14.99	60.15	100	0	P	H
HT20		15660	47.5	-26.5	74	49.3	37.67	18.41	57.88	100	0	P	H
CH 44		10440	57.28	-10.92	68.2	62.83	39.61	14.99	60.15	101	83	P	V
5220MHz		15660	48.39	-25.61	74	50.19	37.67	18.41	57.88	100	0	P	V
802.11n		10480	48.97	-19.23	68.2	54.52	39.68	15.03	60.26	100	0	P	H
HT20		15720	46.43	-27.57	74	48.32	37.47	18.43	57.79	100	0	P	H
CH 48		10480	50.74	-17.46	68.2	56.29	39.68	15.03	60.26	100	0	P	V
5240MHz		15720	44.68	-29.32	74	46.57	37.47	18.43	57.79	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

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

WIFI Ant. 1	Note	Frequency ( MHz )	Level (dBμV/m)	Over Limit ( dB )	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.72	63.37	-10.63	74	55.6	31.75	9.05	33.03	100	90	P	H
		5150	52.67	-1.33	54	44.9	31.75	9.05	33.03	100	90	A	H
	*	5190	104.65	-	-	96.81	31.78	9.09	33.03	100	90	P	H
	*	5190	97.6	-	-	89.76	31.78	9.09	33.03	100	90	A	H
		5447.96	49.86	-24.14	74	41.54	32.05	9.29	33.02	100	90	P	H
		5350.52	41.71	-12.29	54	33.6	31.95	9.19	33.03	100	90	A	H
		5149.76	53.72	-20.28	74	45.95	31.75	9.05	33.03	400	313	P	V
		5149.76	43.12	-10.88	54	35.35	31.75	9.05	33.03	400	313	A	V
	*	5190	98.52	-	-	90.68	31.78	9.09	33.03	400	313	P	V
	*	5190	91.22	-	-	83.38	31.78	9.09	33.03	400	313	A	V
		5381.32	49.89	-24.11	74	41.73	31.98	9.2	33.02	400	313	P	V
		5388.04	40.27	-13.73	54	32.11	31.98	9.2	33.02	400	313	A	V
802.11n HT40 CH 46 5230MHz		5146.12	55.4	-18.6	74	47.63	31.75	9.05	33.03	100	88	P	H
		5149.76	48.32	-5.68	54	40.55	31.75	9.05	33.03	100	88	A	H
	*	5230	110.68	-	-	102.77	31.83	9.11	33.03	100	88	P	H
	*	5230	102.88	-	-	94.97	31.83	9.11	33.03	100	88	A	H
		5358.08	50.74	-23.26	74	42.63	31.95	9.19	33.03	100	88	P	H
		5350.52	42.82	-11.18	54	34.71	31.95	9.19	33.03	100	88	A	H
		5100.62	49.19	-24.81	74	41.52	31.7	9.01	33.04	397	308	P	V
		5076.44	41.89	-12.11	54	34.26	31.68	8.99	33.04	397	308	A	V
	*	5230	103.46	-	-	95.55	31.83	9.11	33.03	397	308	P	V
	*	5230	95.54	-	-	87.63	31.83	9.11	33.03	397	308	A	V
	5390.84	48.36	-25.64	74	40.2	31.98	9.2	33.02	397	308	P	V	
	5401.76	40.22	-13.78	54	32.02	32	9.22	33.02	397	308	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10380	44.8	-23.4	68.2	50.35	39.54	14.95	60.04	100	0	P	H
HT40		15570	43.2	-30.8	74	44.93	37.91	18.36	58	100	0	P	H
CH 38		10380	46.16	-22.04	68.2	51.71	39.54	14.95	60.04	100	0	P	V
5190MHz		15570	43.53	-30.47	74	45.26	37.91	18.36	58	100	0	P	V
802.11n		10460	46.04	-22.16	68.2	51.6	39.63	15	60.19	100	0	P	H
HT40		15690	44.72	-29.28	74	46.57	37.57	18.41	57.83	100	0	P	H
CH 46		10460	47.98	-20.22	68.2	53.54	39.63	15	60.19	100	0	P	V
5230MHz		15690	43.59	-30.41	74	45.44	37.57	18.41	57.83	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 42 5210MHz</b>		5148.72	58.85	-15.15	74	51.08	31.75	9.05	33.03	100	112	P	H
		5148.72	52.99	-1.01	54	45.22	31.75	9.05	33.03	100	112	A	H
	*	5210	99.71	-	-	91.83	31.82	9.09	33.03	100	112	P	H
	*	5210	91.97	-	-	84.09	31.82	9.09	33.03	100	112	A	H
		5419.44	49.17	-24.83	74	40.91	32.02	9.26	33.02	100	112	P	H
		5415.28	41.64	-12.36	54	33.42	32.02	9.22	33.02	100	112	A	H
		5117.26	49.72	-24.28	74	42.01	31.72	9.03	33.04	398	315	P	V
		5126.62	43.34	-10.66	54	35.61	31.73	9.03	33.03	398	315	A	V
	*	5210	93.23	-	-	85.35	31.82	9.09	33.03	398	315	P	V
	*	5210	85.45	-	-	77.57	31.82	9.09	33.03	398	315	A	V
		5411.38	48.48	-25.52	74	40.28	32	9.22	33.02	398	315	P	V
		5433.48	41.58	-12.42	54	33.31	32.03	9.26	33.02	398	315	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10420	44.1	-24.1	68.2	49.66	39.58	14.98	60.12	100	0	P	H
VHT80		15630	43.9	-30.1	74	45.71	37.71	18.39	57.91	100	0	P	H
CH 42		10420	44.41	-23.79	68.2	49.97	39.58	14.98	60.12	100	0	P	V
5210MHz		15630	43.9	-30.1	74	45.71	37.71	18.39	57.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 52 5260MHz		5138.04	50.98	-23.02	74	43.23	31.73	9.05	33.03	106	90	P	H
		5147.56	43.29	-10.71	54	35.52	31.75	9.05	33.03	106	90	A	H
	*	5260	114.76	-	-	106.8	31.87	9.12	33.03	106	90	P	H
	*	5260	106.9	-	-	98.94	31.87	9.12	33.03	106	90	A	H
		5364.96	51.6	-22.4	74	43.47	31.97	9.19	33.03	106	90	P	H
		5350.32	43.65	-10.35	54	35.54	31.95	9.19	33.03	106	90	A	H
		5057.46	48.69	-25.31	74	41.07	31.67	8.99	33.04	102	31	P	V
		5110.5	40.65	-13.35	54	32.94	31.72	9.03	33.04	102	31	A	V
	*	5260	108.68	-	-	100.72	31.87	9.12	33.03	102	31	P	V
	*	5260	100.96	-	-	93	31.87	9.12	33.03	102	31	A	V
		5399.52	48.63	-25.37	74	40.43	32	9.22	33.02	102	31	P	V
		5353.92	39.99	-14.01	54	31.88	31.95	9.19	33.03	102	31	A	V
802.11a CH 60 5300MHz		5101.32	50.97	-23.03	74	43.3	31.7	9.01	33.04	100	92	P	H
		5146.2	42.29	-11.71	54	34.52	31.75	9.05	33.03	100	92	A	H
	*	5300	116.17	-	-	108.14	31.9	9.16	33.03	100	92	P	H
	*	5300	107.98	-	-	99.95	31.9	9.16	33.03	100	92	A	H
		5350.8	54.9	-19.1	74	46.79	31.95	9.19	33.03	100	92	P	H
		5350.32	45.95	-8.05	54	37.84	31.95	9.19	33.03	100	92	A	H
		5128.52	49.63	-24.37	74	41.9	31.73	9.03	33.03	103	58	P	V
		5069.7	40.52	-13.48	54	32.9	31.67	8.99	33.04	103	58	A	V
	*	5300	108.62	-	-	100.59	31.9	9.16	33.03	103	58	P	V
	*	5300	100.54	-	-	92.51	31.9	9.16	33.03	103	58	A	V
		5369.76	49.34	-24.66	74	41.2	31.97	9.2	33.03	103	58	P	V
		5351.52	40.94	-13.06	54	32.83	31.95	9.19	33.03	103	58	A	V





<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	115.05	-	-	106.99	31.92	9.17	33.03	100	92	P	H
	*	5320	107.23	-	-	99.17	31.92	9.17	33.03	100	92	A	H
		5350.72	63.9	-10.1	74	55.79	31.95	9.19	33.03	100	92	P	H
		5350.08	53.11	-0.89	54	45	31.95	9.19	33.03	100	92	A	H
	*	5320	108.79	-	-	100.73	31.92	9.17	33.03	100	59	P	V
	*	5320	100.87	-	-	92.81	31.92	9.17	33.03	100	59	A	V
		5353.76	54.52	-19.48	74	46.41	31.95	9.19	33.03	100	59	P	V
		5350.08	47.26	-6.74	54	39.15	31.95	9.19	33.03	100	59	A	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 52 5260MHz		10520	57.79	-10.41	68.2	63.37	39.71	15.05	60.34	100	271	P	H
		15780	47.45	-26.55	74	49.37	37.33	18.46	57.71	100	0	P	H
		10520	60.55	-7.65	68.2	66.13	39.71	15.05	60.34	101	85	P	V
		15780	49.05	-24.95	74	50.97	37.33	18.46	57.71	100	0	P	V
802.11a CH 60 5300MHz		10600	56.27	-17.73	74	61.93	39.78	15.11	60.55	104	269	P	H
		10600	45.39	-8.61	54	51.05	39.78	15.11	60.55	104	269	A	H
		15900	47.77	-26.23	74	49.79	36.99	18.53	57.54	100	0	P	H
		10600	58.33	-15.67	74	63.99	39.78	15.11	60.55	107	253	P	V
		10600	47	-7	54	52.66	39.78	15.11	60.55	107	253	A	V
		15900	48.7	-25.3	74	50.72	36.99	18.53	57.54	100	0	P	V
802.11a CH 64 5320MHz		10640	49.56	-24.44	74	55.26	39.81	15.12	60.63	100	0	P	H
		15960	47.91	-26.09	74	50	36.8	18.56	57.45	100	0	P	H
		10640	56.59	-17.41	74	62.29	39.81	15.12	60.63	104	249	P	V
		10640	45.56	-8.44	54	51.26	39.81	15.12	60.63	104	249	A	V
		15960	47.7	-26.3	74	49.79	36.8	18.56	57.45	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n 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		5134.98	51.86	-22.14	74	44.11	31.73	9.05	33.03	100	89	P	H
		5148.58	43.53	-10.47	54	35.76	31.75	9.05	33.03	100	89	A	H
	*	5260	114.54	-	-	106.58	31.87	9.12	33.03	100	89	P	H
	*	5260	106.4	-	-	98.44	31.87	9.12	33.03	100	89	A	H
		5358.72	50.88	-23.12	74	42.77	31.95	9.19	33.03	100	89	P	H
		5350.32	43.45	-10.55	54	35.34	31.95	9.19	33.03	100	89	A	H
		5134.64	49.56	-24.44	74	41.81	31.73	9.05	33.03	102	31	P	V
		5095.88	40.5	-13.5	54	32.83	31.7	9.01	33.04	102	31	A	V
	*	5260	108.3	-	-	100.34	31.87	9.12	33.03	102	31	P	V
	*	5260	100.54	-	-	92.58	31.87	9.12	33.03	102	31	A	V
		5415.12	49.02	-24.98	74	40.8	32.02	9.22	33.02	102	31	P	V
		5371.68	40.12	-13.88	54	31.98	31.97	9.2	33.03	102	31	A	V
802.11n HT20 CH 60 5300MHz		5145.18	51.07	-22.93	74	43.3	31.75	9.05	33.03	105	97	P	H
		5145.18	42.33	-11.67	54	34.56	31.75	9.05	33.03	105	97	A	H
	*	5300	115.72	-	-	107.69	31.9	9.16	33.03	105	97	P	H
	*	5300	107.72	-	-	99.69	31.9	9.16	33.03	105	97	A	H
		5350.08	58.44	-15.56	74	50.33	31.95	9.19	33.03	105	97	P	H
		5350.08	46.29	-7.71	54	38.18	31.95	9.19	33.03	105	97	A	H
		5100.3	49.91	-24.09	74	42.24	31.7	9.01	33.04	104	59	P	V
		5142.46	40.57	-13.43	54	32.8	31.75	9.05	33.03	104	59	A	V
	*	5300	109.02	-	-	100.99	31.9	9.16	33.03	104	59	P	V
	*	5300	100.46	-	-	92.43	31.9	9.16	33.03	104	59	A	V
	5351.52	49.94	-24.06	74	41.83	31.95	9.19	33.03	104	59	P	V	
	5350.08	41.28	-12.72	54	33.17	31.95	9.19	33.03	104	59	A	V	



<b>802.11n</b> <b>HT20</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	114.26	-	-	106.2	31.92	9.17	33.03	107	97	P	H
	*	5320	106.34	-	-	98.28	31.92	9.17	33.03	107	97	A	H
		5354.4	65.31	-8.69	74	57.2	31.95	9.19	33.03	107	97	P	H
		5350.72	52.62	-1.38	54	44.51	31.95	9.19	33.03	107	97	A	H
	*	5320	107.97	-	-	99.91	31.92	9.17	33.03	100	59	P	V
	*	5320	100.01	-	-	91.95	31.92	9.17	33.03	100	59	A	V
		5351.52	55.96	-18.04	74	47.85	31.95	9.19	33.03	100	59	P	V
		5350.4	47.02	-6.98	54	38.91	31.95	9.19	33.03	100	59	A	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 52		10520	50.18	-18.02	68.2	55.76	39.71	15.05	60.34			P	H
		15780	46.45	-27.55	74	48.37	37.33	18.46	57.71	100	0	P	H
5260MHz		10520	59.86	-8.34	68.2	65.44	39.71	15.05	60.34	100	84	P	V
		15780	48.42	-25.58	74	50.34	37.33	18.46	57.71	100	0	P	V
802.11n HT20 CH 60		10600	56.49	-17.51	74	62.15	39.78	15.11	60.55	100	269	P	H
		10600	44.76	-9.24	54	50.42	39.78	15.11	60.55	100	269	A	H
		15900	46.58	-27.42	74	48.6	36.99	18.53	57.54	100	0	P	H
		10600	58.41	-15.59	74	64.07	39.78	15.11	60.55	106	256	P	V
5300MHz		10600	46.12	-7.88	54	51.78	39.78	15.11	60.55	106	256	A	V
		15900	48.56	-25.44	74	50.58	36.99	18.53	57.54	100	0	P	V
802.11n HT20 CH 64		10640	48.67	-25.33	74	54.37	39.81	15.12	60.63	100	0	P	H
		15960	43.53	-30.47	74	45.62	36.8	18.56	57.45	100	0	P	H
		10640	56.8	-17.2	74	62.5	39.81	15.12	60.63	119	248	P	V
		10640	44.63	-9.37	54	50.33	39.81	15.12	60.63	119	248	A	V
		15960	47.3	-26.7	74	49.39	36.8	18.56	57.45	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n 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		5130.22	50.31	-23.69	74	42.58	31.73	9.03	33.03	100	92	P	H
		5149.6	43.57	-10.43	54	35.8	31.75	9.05	33.03	100	92	A	H
	*	5270	111.59	-	-	103.61	31.87	9.14	33.03	100	92	P	H
	*	5270	103.75	-	-	95.77	31.87	9.14	33.03	100	92	A	H
		5369.04	54.19	-19.81	74	46.05	31.97	9.2	33.03	100	92	P	H
		5352.24	47.55	-6.45	54	39.44	31.95	9.19	33.03	100	92	A	H
		5028.56	49.72	-24.28	74	42.18	31.63	8.95	33.04	103	32	P	V
		5066.3	41.36	-12.64	54	33.74	31.67	8.99	33.04	103	32	A	V
	*	5270	104.9	-	-	96.92	31.87	9.14	33.03	103	32	P	V
	*	5270	96.85	-	-	88.87	31.87	9.14	33.03	103	32	A	V
		5426.16	50.16	-23.84	74	41.9	32.02	9.26	33.02	103	32	P	V
		5352.48	41.59	-12.41	54	33.48	31.95	9.19	33.03	103	32	A	V
	802.11n HT40 CH 62 5310MHz		5026.18	49.6	-24.4	74	42.06	31.63	8.95	33.04	103	91	P
		5145.18	42.33	-11.67	54	34.56	31.75	9.05	33.03	103	91	A	H
*		5310	107.6	-	-	99.55	31.92	9.16	33.03	103	91	P	H
*		5310	99.75	-	-	91.7	31.92	9.16	33.03	103	91	A	H
		5350.8	66.41	-7.59	74	58.3	31.95	9.19	33.03	103	91	P	H
		5350.56	52.69	-1.31	54	44.58	31.95	9.19	33.03	103	91	A	H
		5083.98	48.41	-25.59	74	40.76	31.68	9.01	33.04	100	58	P	V
		5068	41.54	-12.46	54	33.92	31.67	8.99	33.04	100	58	A	V
*		5310	99.75	-	-	91.7	31.92	9.16	33.03	100	58	P	V
*		5310	92.21	-	-	84.16	31.92	9.16	33.03	100	58	A	V
	5354.16	56.22	-17.78	74	48.11	31.95	9.19	33.03	100	58	P	V	
	5350.8	46.11	-7.89	54	38	31.95	9.19	33.03	100	58	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10540	47.99	-20.21	68.2	53.57	39.73	15.07	60.38	100	0	P	H
HT40		15810	44.54	-29.46	74	46.49	37.23	18.49	57.67	100	0	P	H
CH 54		10540	49.88	-18.32	68.2	55.46	39.73	15.07	60.38	100	0	P	V
5270MHz		15810	45.95	-28.05	74	47.9	37.23	18.49	57.67	100	0	P	V
802.11n		10620	43.66	-30.34	74	49.34	39.8	15.11	60.59	100	0	P	H
HT40		15930	43.19	-30.81	74	45.25	36.89	18.55	57.5	100	0	P	H
CH 62		10620	44.15	-29.85	74	49.83	39.8	15.11	60.59	100	0	P	V
5310MHz		15930	42.1	-31.9	74	44.16	36.89	18.55	57.5	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 58 5290MHz</b>		5057.6	51.28	-22.72	74	43.66	31.67	8.99	33.04	106	93	P	H
		5126	42.69	-11.31	54	34.96	31.73	9.03	33.03	106	93	A	H
	*	5290	101.37	-	-	93.36	31.88	9.16	33.03	106	93	P	H
	*	5290	93.63	-	-	85.62	31.88	9.16	33.03	106	93	A	H
		5361.84	57.06	-16.94	74	48.93	31.97	9.19	33.03	106	93	P	H
		5351.28	51.48	-2.52	54	43.37	31.95	9.19	33.03	106	93	A	H
		5068.1	48.47	-25.53	74	40.85	31.67	8.99	33.04	102	30	P	V
		5031.8	43.04	-10.96	54	35.48	31.63	8.97	33.04	102	30	A	V
	*	5290	94.22	-	-	86.21	31.88	9.16	33.03	102	30	P	V
	*	5290	85.8	-	-	77.79	31.88	9.16	33.03	102	30	A	V
		5358.48	50.24	-23.76	74	42.13	31.95	9.19	33.03	102	30	P	V
	5351.52	43.83	-10.17	54	35.72	31.95	9.19	33.03	102	30	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10580	44.62	-23.58	68.2	50.27	39.77	15.09	60.51	100	0	P	H
VHT80		15870	43.04	-30.96	74	45.06	37.04	18.51	57.57	100	0	P	H
CH 58		10580	44.09	-24.11	68.2	49.74	39.77	15.09	60.51	100	0	P	V
5290MHz		15870	43.56	-30.44	74	45.58	37.04	18.51	57.57	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 100 5500MHz		5459.6	57.84	-16.16	74	49.52	32.05	9.29	33.02	103	87	P	H
		5469.36	63.55	-4.65	68.2	55.21	32.07	9.29	33.02	103	87	P	H
		5459.92	49.53	-4.47	54	41.21	32.05	9.29	33.02	103	87	A	H
	*	5500	112.4	-	-	103.95	32.1	9.37	33.02	103	87	P	H
	*	5500	105.13	-	-	96.68	32.1	9.37	33.02	103	87	A	H
		5457.68	54.95	-19.05	74	46.63	32.05	9.29	33.02	100	40	P	V
		5468.56	59.05	-9.15	68.2	50.71	32.07	9.29	33.02	100	40	P	V
		5459.76	45.36	-8.64	54	37.04	32.05	9.29	33.02	100	40	A	V
	*	5500	107.67	-	-	99.22	32.1	9.37	33.02	100	40	P	V
	*	5500	100.35	-	-	91.9	32.1	9.37	33.02	100	40	A	V
802.11a CH 116 5580MHz		5370.4	50.19	-23.81	74	42.05	31.97	9.2	33.03	102	94	P	H
		5468.08	51.07	-17.13	68.2	42.73	32.07	9.29	33.02	102	94	P	H
		5459.68	41.96	-12.04	54	33.64	32.05	9.29	33.02	102	94	A	H
	*	5580	112.3	-	-	103.67	32.22	9.48	33.07	102	94	P	H
	*	5580	104.13	-	-	95.5	32.22	9.48	33.07	102	94	A	H
		5738.855	51.01	-17.19	68.2	41.75	32.53	9.88	33.15	102	94	P	H
		5430.64	50.04	-23.96	74	41.77	32.03	9.26	33.02	100	150	P	V
		5467.6	48.46	-19.74	68.2	40.12	32.07	9.29	33.02	100	150	P	V
		5456.08	40.32	-13.68	54	32	32.05	9.29	33.02	100	150	A	V
	*	5580	107.54	-	-	98.91	32.22	9.48	33.07	100	150	P	V
	*	5580	99.49	-	-	90.86	32.22	9.48	33.07	100	150	A	V
	5749.25	49.66	-18.54	68.2	40.4	32.53	9.88	33.15	100	150	P	V	



<b>802.11a CH 140 5700MHz</b>	*	5700	111.44	-	-	102.37	32.44	9.75	33.12	100	96	P	H
	*	5700	103.3	-	-	94.23	32.44	9.75	33.12	100	96	A	H
		5725.16	66.57	-1.63	68.2	57.39	32.5	9.81	33.13	100	96	P	H
	*	5700	104.29	-	-	95.22	32.44	9.75	33.12	100	149	P	V
	*	5700	96.32	-	-	87.25	32.44	9.75	33.12	100	149	A	V
		5725	58.16	-10.04	68.2	48.98	32.5	9.81	33.13	100	149	P	V
<b>Remark</b>	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.	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	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	49.12	-24.88	74	55.14	40.1	15.38	61.5	100	0	P	H
		16500	45	-23.2	68.2	44.76	38.5	19.04	57.3	100	0	P	H
		11000	54.07	-19.93	74	60.09	40.1	15.38	61.5	100	60	P	V
		11000	44.36	-9.64	54	50.38	40.1	15.38	61.5	100	60	A	V
		16500	46.67	-21.53	68.2	46.43	38.5	19.04	57.3	100	0	P	V
802.11a CH 116 5580MHz		11160	49.79	-24.21	74	55.76	40.07	15.49	61.53	100	0	P	H
		16740	46.16	-22.04	68.2	44.65	39.08	19.25	56.82	100	0	P	H
		11160	52.47	-21.53	74	58.44	40.07	15.49	61.53	100	82	P	V
		11160	42.96	-11.04	54	48.93	40.07	15.49	61.53	100	82	A	V
		16740	45.62	-22.58	68.2	44.11	39.08	19.25	56.82	100	0	P	V
802.11a CH 140 5700MHz		11400	49.64	-24.36	74	55.54	40.02	15.66	61.58	100	0	P	H
		17100	46.85	-21.35	68.2	43.34	40.06	19.53	56.08	100	0	P	H
		11400	53.17	-20.83	74	59.07	40.02	15.66	61.58	109	85	P	V
		11400	42.97	-11.03	54	48.87	40.02	15.66	61.58	109	85	A	V
		17100	45.86	-22.34	68.2	42.35	40.06	19.53	56.08	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz  
WIFI 802.11n 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		5454.16	57.96	-16.04	74	49.64	32.05	9.29	33.02	100	109	P	H
		5469.52	64.13	-4.07	68.2	55.79	32.07	9.29	33.02	100	109	P	H
		5460	49.1	-4.9	54	40.78	32.05	9.29	33.02	100	109	A	H
	*	5500	111.98	-	-	103.53	32.1	9.37	33.02	100	109	P	H
	*	5500	103.93	-	-	95.48	32.1	9.37	33.02	100	109	A	H
		5460.08	56.6	-11.6	68.2	48.28	32.05	9.29	33.02	100	116	P	V
		5469.68	62.71	-5.49	68.2	54.37	32.07	9.29	33.02	100	116	P	V
		5459.6	45.14	-8.86	54	36.82	32.05	9.29	33.02	100	116	A	V
	*	5500	107.8	-	-	99.35	32.1	9.37	33.02	100	116	P	V
	*	5500	99.58	-	-	91.13	32.1	9.37	33.02	100	116	A	V
802.11n HT20 CH 116 5580MHz		5448.64	50.28	-23.72	74	41.96	32.05	9.29	33.02	112	114	P	H
		5461.84	49.41	-18.79	68.2	41.09	32.05	9.29	33.02	112	114	P	H
		5459.44	41.65	-12.35	54	33.33	32.05	9.29	33.02	112	114	A	H
	*	5580	112.44	-	-	103.81	32.22	9.48	33.07	112	114	P	H
	*	5580	105.45	-	-	96.82	32.22	9.48	33.07	112	114	A	H
		5756.18	50.56	-17.64	68.2	41.27	32.57	9.88	33.16	112	114	P	H
		5446.48	49.95	-24.05	74	41.63	32.05	9.29	33.02	100	43	P	V
		5465.92	48.19	-20.01	68.2	39.85	32.07	9.29	33.02	100	43	P	V
		5457.76	40.64	-13.36	54	32.32	32.05	9.29	33.02	100	43	A	V
	*	5580	106.68	-	-	98.05	32.22	9.48	33.07	100	43	P	V
	*	5580	99.31	-	-	90.68	32.22	9.48	33.07	100	43	A	V
		5757.755	49.26	-18.94	68.2	39.9	32.57	9.95	33.16	100	43	P	V



<b>802.11n</b> <b>HT20</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	110.31	-	-	101.24	32.44	9.75	33.12	100	114	P	H
	*	5700	103.12	-	-	94.05	32.44	9.75	33.12	100	114	A	H
		5725.16	67.1	-1.1	68.2	57.92	32.5	9.81	33.13	100	114	P	H
	*	5700	101.47	-	-	92.4	32.44	9.75	33.12	100	119	P	V
	*	5700	94.36	-	-	85.29	32.44	9.75	33.12	100	119	A	V
		5726.68	58.19	-10.01	68.2	49.01	32.5	9.81	33.13	100	119	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		11000	49.08	-24.92	74	55.1	40.1	15.38	61.5	100	0	P	H
HT20		16500	44.9	-23.3	68.2	44.66	38.5	19.04	57.3	100	0	P	H
CH 100		11000	49.44	-24.56	74	55.46	40.1	15.38	61.5	100	0	P	V
5500MHz		16500	45.65	-22.55	68.2	45.41	38.5	19.04	57.3	100	0	P	V
802.11n		11160	49.97	-24.03	74	55.94	40.07	15.49	61.53	100	0	P	H
HT20		16740	45.12	-23.08	68.2	43.61	39.08	19.25	56.82	100	0	P	H
CH 116		11160	49.98	-24.02	74	55.95	40.07	15.49	61.53	100	0	P	V
5580MHz		16740	45.43	-22.77	68.2	43.92	39.08	19.25	56.82	100	0	P	V
802.11n		11400	49.59	-24.41	74	55.49	40.02	15.66	61.58	100	0	P	H
HT20		17100	46.79	-21.41	68.2	43.28	40.06	19.53	56.08	100	0	P	H
CH 140		11400	48.71	-25.29	74	54.61	40.02	15.66	61.58	100	0	P	V
5700MHz		17100	47.19	-21.01	68.2	43.68	40.06	19.53	56.08	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n 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		5457.76	59.47	-14.53	74	51.15	32.05	9.29	33.02	100	115	P	H
		5469.76	66.9	-1.3	68.2	58.56	32.07	9.29	33.02	100	115	P	H
		5459.92	53.35	-0.65	54	45.03	32.05	9.29	33.02	100	115	A	H
	*	5510	106.27	-	-	97.83	32.1	9.37	33.03	100	115	P	H
	*	5510	98.6	-	-	90.16	32.1	9.37	33.03	100	115	A	H
		5738.855	49.52	-18.68	68.2	40.26	32.53	9.88	33.15	100	115	P	H
		5456.32	55.71	-18.29	74	47.39	32.05	9.29	33.02	100	41	P	V
		5468.56	63.55	-4.65	68.2	55.21	32.07	9.29	33.02	100	41	P	V
		5458.72	49.21	-4.79	54	40.89	32.05	9.29	33.02	100	41	A	V
	*	5510	101.89	-	-	93.45	32.1	9.37	33.03	100	41	P	V
	*	5510	94.26	-	-	85.82	32.1	9.37	33.03	100	41	A	V
		5755.55	49.06	-19.14	68.2	39.76	32.57	9.88	33.15	100	41	P	V
802.11n HT40 CH 110 5550MHz		5453.44	54.29	-19.71	74	45.97	32.05	9.29	33.02	106	115	P	H
		5469.52	54.66	-13.54	68.2	46.32	32.07	9.29	33.02	106	115	P	H
		5459.92	45.07	-8.93	54	36.75	32.05	9.29	33.02	106	115	A	H
	*	5550	109.18	-	-	100.6	32.19	9.44	33.05	106	115	P	H
	*	5550	101.28	-	-	92.7	32.19	9.44	33.05	106	115	A	H
		5754.605	50.03	-18.17	68.2	40.73	32.57	9.88	33.15	106	115	P	H
		5430.88	50.89	-23.11	74	42.62	32.03	9.26	33.02	100	43	P	V
		5464.48	51.96	-16.24	68.2	43.62	32.07	9.29	33.02	100	43	P	V
		5458.48	42.49	-11.51	54	34.17	32.05	9.29	33.02	100	43	A	V
	*	5550	103.24	-	-	94.66	32.19	9.44	33.05	100	43	P	V
	*	5550	95.62	-	-	87.04	32.19	9.44	33.05	100	43	A	V
		5744.21	49.33	-18.87	68.2	40.07	32.53	9.88	33.15	100	43	P	V





<b>802.11n</b> <b>HT40</b> <b>CH 134</b> <b>5670MHz</b>		5367.15	48.98	-25.02	74	40.84	31.97	9.2	33.03	100	115	P	H
		5460.25	47.94	-20.26	68.2	39.62	32.05	9.29	33.02	100	115	P	H
		5456.75	41.97	-12.03	54	33.65	32.05	9.29	33.02	100	115	A	H
	*	5670	108.85	-	-	99.87	32.41	9.68	33.11	100	115	P	H
	*	5670	100.83	-	-	91.85	32.41	9.68	33.11	100	115	A	H
		5726.15	66.32	-1.88	68.2	57.14	32.5	9.81	33.13	100	115	P	H
		5420.7	49.37	-24.63	74	41.11	32.02	9.26	33.02	100	32	P	V
		5467.95	48.19	-20.01	68.2	39.85	32.07	9.29	33.02	100	32	P	V
		5455.7	40.88	-13.12	54	32.56	32.05	9.29	33.02	100	32	A	V
	*	5670	101.73	-	-	92.75	32.41	9.68	33.11	100	32	P	V
	*	5670	94.01	-	-	85.03	32.41	9.68	33.11	100	32	A	V
		5729.3	55.13	-13.07	68.2	45.95	32.5	9.81	33.13	100	32	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		11020	46.14	-27.86	74	52.14	40.1	15.4	61.5	100	0	P	H
HT40		16530	43.81	-24.39	68.2	43.4	38.58	19.06	57.23	100	0	P	H
CH 102		11020	47.1	-26.9	74	53.1	40.1	15.4	61.5	100	0	P	V
5510MHz		16530	45.18	-23.02	68.2	44.77	38.58	19.06	57.23	100	0	P	V
802.11n		11100	45.59	-28.41	74	51.58	40.08	15.45	61.52	100	0	P	H
HT40		16650	43.78	-24.42	68.2	42.73	38.87	19.17	56.99	100	0	P	H
CH 110		11100	46.02	-27.98	74	52.01	40.08	15.45	61.52	100	0	P	V
5550MHz		16650	44.47	-23.73	68.2	43.42	38.87	19.17	56.99	100	0	P	V
802.11n		11340	45.31	-28.69	74	51.23	40.03	15.62	61.57	100	0	P	H
HT40		17010	45.8	-22.4	68.2	42.82	39.76	19.48	56.26	100	0	P	H
CH 134		11340	47.26	-26.74	74	53.18	40.03	15.62	61.57	100	0	P	V
5670MHz		17010	45.95	-22.25	68.2	42.97	39.76	19.48	56.26	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac 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		5457.28	57.34	-16.66	74	49.02	32.05	9.29	33.02	100	114	P	H
		5468.32	60.53	-7.67	68.2	52.19	32.07	9.29	33.02	100	114	P	H
		5458.96	52.24	-1.76	54	43.92	32.05	9.29	33.02	100	114	A	H
	*	5530	98.72	-	-	90.23	32.13	9.41	33.05	100	114	P	H
	*	5530	90.98	-	-	82.49	32.13	9.41	33.05	100	114	A	H
		5730.98	49.46	-18.74	68.2	40.23	32.5	9.88	33.15	100	114	P	H
		5459.44	54.6	-19.4	74	46.28	32.05	9.29	33.02	108	33	P	V
		5468.56	56.21	-11.99	68.2	47.87	32.07	9.29	33.02	108	33	P	V
		5459.2	48.34	-5.66	54	40.02	32.05	9.29	33.02	108	33	A	V
	*	5530	94.01	-	-	85.52	32.13	9.41	33.05	108	33	P	V
	*	5530	86.12	-	-	77.63	32.13	9.41	33.05	108	33	A	V
	5751.77	47.93	-20.27	68.2	38.63	32.57	9.88	33.15	108	33	P	V	
802.11ac VHT80 CH 122 5610MHz		5457.1	56.57	-17.43	74	48.25	32.05	9.29	33.02	100	116	P	H
		5468.3	56.74	-11.46	68.2	48.4	32.07	9.29	33.02	100	116	P	H
		5458.5	50.36	-3.64	54	42.04	32.05	9.29	33.02	100	116	A	H
	*	5610	107.46	-	-	98.7	32.29	9.55	33.08	100	116	P	H
	*	5610	99.35	-	-	90.59	32.29	9.55	33.08	100	116	A	H
		5734.2	60.04	-8.16	68.2	50.81	32.5	9.88	33.15	100	116	P	H
		5457.1	52.49	-21.51	74	44.17	32.05	9.29	33.02	100	43	P	V
		5466.9	54.52	-13.68	68.2	46.18	32.07	9.29	33.02	100	43	P	V
		5457.45	46.68	-7.32	54	38.36	32.05	9.29	33.02	100	43	A	V
	*	5610	101.06	-	-	92.3	32.29	9.55	33.08	100	43	P	V
	*	5610	92.93	-	-	84.17	32.29	9.55	33.08	100	43	A	V
	5726.5	54.87	-13.33	68.2	45.69	32.5	9.81	33.13	100	43	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		11060	44.4	-29.6	74	50.4	40.09	15.42	61.51	100	0	P	H
VHT80		16590	43.62	-24.58	68.2	42.93	38.71	19.11	57.13	100	0	P	H
CH 106		11060	44.33	-29.67	74	50.33	40.09	15.42	61.51	100	0	P	V
5530MHz		16590	43.74	-24.46	68.2	43.05	38.71	19.11	57.13	100	0	P	V
802.11ac		11220	46.2	-27.8	74	52.14	40.06	15.54	61.54	100	0	P	H
VHT80		16830	45.16	-23.04	68.2	43.18	39.29	19.33	56.64	100	0	P	H
CH 122		11220	46.6	-27.4	74	52.54	40.06	15.54	61.54	100	0	P	V
5610MHz		16830	44.78	-23.42	68.2	42.8	39.29	19.33	56.64	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 144 5720MHz		5434.24	48.88	-25.12	74	40.61	32.03	9.26	33.02	100	110	P	H
		5467.39	48.79	-19.41	68.2	40.45	32.07	9.29	33.02	100	110	P	H
		5440.09	40.29	-13.71	54	32.02	32.03	9.26	33.02	100	110	A	H
	*	5720	116.63	-	-	107.45	32.5	9.81	33.13	100	110	P	H
	*	5720	108.02	-	-	98.84	32.5	9.81	33.13	100	110	A	H
		5862.25	51.05	-17.15	68.2	41.49	32.75	10.02	33.21	100	110	P	H
		5457.25	48.15	-25.85	74	39.83	32.05	9.29	33.02	103	91	P	V
		5470	48.42	-19.78	68.2	40.08	32.07	9.29	33.02	103	91	P	V
		5456.47	40.03	-13.97	54	31.71	32.05	9.29	33.02	103	91	A	V
	*	5720	108.71	-	-	99.53	32.5	9.81	33.13	103	91	P	V
	*	5720	100.56	-	-	91.38	32.5	9.81	33.13	103	91	A	V
		5880	49.62	-18.58	68.2	40.03	32.78	10.02	33.21	103	91	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. It contains 6 rows of test data for 802.11a CH 144 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)
<b>802.11n HT20 CH 144 5720MHz</b>		5403.43	51.12	-22.88	74	42.92	32	9.22	33.02	100	115	P	H
		5468.17	49.24	-18.96	68.2	40.9	32.07	9.29	33.02	100	115	P	H
		5452.57	40.5	-13.5	54	32.18	32.05	9.29	33.02	100	115	A	H
	*	5720	115.34	-	-	106.16	32.5	9.81	33.13	100	115	P	H
	*	5720	107.83	-	-	98.65	32.5	9.81	33.13	100	115	A	H
		5860.25	51.53	-16.67	68.2	41.97	32.75	10.02	33.21	100	115	P	H
		5451.01	48.31	-25.69	74	39.99	32.05	9.29	33.02	100	118	P	V
		5468.95	48.07	-20.13	68.2	39.73	32.07	9.29	33.02	100	118	P	V
		5454.52	39.86	-14.14	54	31.54	32.05	9.29	33.02	100	118	A	V
	*	5720	107.23	-	-	98.05	32.5	9.81	33.13	100	118	P	V
	*	5720	99.63	-	-	90.45	32.5	9.81	33.13	100	118	A	V
		5876	51.48	-16.72	68.2	41.89	32.78	10.02	33.21	100	118	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel**

**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
<b>802.11n HT20 CH 144 5720MHz</b>		11440	55.71	-18.29	74	61.61	40.01	15.68	61.59	100	269	P	H
		11440	45.04	-8.96	54	50.94	40.01	15.68	61.59	100	269	A	H
		17160	49.43	-18.77	68.2	45.5	40.3	19.56	55.93	100	0	P	H
		11440	57.18	-16.82	74	63.08	40.01	15.68	61.59	103	82	P	V
		11440	46.39	-7.61	54	52.29	40.01	15.68	61.59	103	82	A	V
		17160	46.99	-21.21	68.2	43.06	40.3	19.56	55.93	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





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

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11n HT40 CH 142 5710MHz</b>		5383.54	49.18	-24.82	74	41.02	31.98	9.2	33.02	100	116	P	H
		5464.27	48.39	-19.81	68.2	40.05	32.07	9.29	33.02	100	116	P	H
		5456.86	41.35	-12.65	54	33.03	32.05	9.29	33.02	100	116	A	H
	*	5710	112.7	-	-	103.55	32.47	9.81	33.13	100	116	P	H
	*	5710	104.63	-	-	95.48	32.47	9.81	33.13	100	116	A	H
		5856.5	51.81	-16.39	68.2	42.23	32.75	10.02	33.19	100	116	P	H
		5456.86	50	-24	74	41.68	32.05	9.29	33.02	100	39	P	V
		5461.54	48.84	-19.36	68.2	40.52	32.05	9.29	33.02	100	39	P	V
		5459.98	40.41	-13.59	54	32.09	32.05	9.29	33.02	100	39	A	V
	*	5710	104.52	-	-	95.37	32.47	9.81	33.13	100	39	P	V
	*	5710	96.6	-	-	87.45	32.47	9.81	33.13	100	39	A	V
		5878.75	50.94	-17.26	68.2	41.35	32.78	10.02	33.21	100	39	P	V
<b>Remark</b>	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. It contains 5 rows of test data 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 )
<b>802.11ac VHT80 CH 138 5690MHz</b>		5359.36	49.72	-24.28	74	41.61	31.95	9.19	33.03	100	114	P	H
		5461.93	50.88	-17.32	68.2	42.56	32.05	9.29	33.02	100	114	P	H
		5458.81	43.2	-10.8	54	34.88	32.05	9.29	33.02	100	114	A	H
	*	5690	106.96	-	-	97.89	32.44	9.75	33.12	100	114	P	H
	*	5690	98.54	-	-	89.47	32.44	9.75	33.12	100	114	A	H
		5853.4	53.35	-14.85	68.2	43.8	32.72	10.02	33.19	100	114	P	H
		5397.97	49.23	-24.77	74	41.03	32	9.22	33.02	100	38	P	V
		5467.39	47.77	-20.43	68.2	39.43	32.07	9.29	33.02	100	38	P	V
		5390.17	41.72	-12.28	54	33.56	31.98	9.2	33.02	100	38	A	V
	*	5690	98.9	-	-	89.83	32.44	9.75	33.12	100	38	P	V
	*	5690	90.74	-	-	81.67	32.44	9.75	33.12	100	38	A	V
		5884.9	50.57	-17.63	68.2	40.99	32.78	10.02	33.22	100	38	P	V
<b>Remark</b>	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include 802.11ac VHT80 CH 138 5690MHz and a Remark section.



Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 36 5180MHz		5149.5	59.74	-14.26	74	51.97	31.75	9.05	33.03	113	296	P	H
		5149.76	52.91	-1.09	54	45.14	31.75	9.05	33.03	113	296	A	H
	*	5180	115.89	-	-	108.07	31.78	9.07	33.03	113	296	P	H
	*	5180	108.59	-	-	100.77	31.78	9.07	33.03	113	296	A	H
		5146.64	56.49	-17.51	74	48.72	31.75	9.05	33.03	376	261	P	V
		5149.24	47.01	-6.99	54	39.24	31.75	9.05	33.03	376	261	A	V
	*	5180	111.26	-	-	103.44	31.78	9.07	33.03	376	261	P	V
	*	5180	104	-	-	96.18	31.78	9.07	33.03	376	261	A	V
802.11a CH 44 5220MHz		5146.64	56.31	-17.69	74	48.54	31.75	9.05	33.03	100	295	P	H
		5148.98	48.53	-5.47	54	40.76	31.75	9.05	33.03	100	295	A	H
	*	5220	120.06	-	-	112.16	31.82	9.11	33.03	100	295	P	H
	*	5220	112.72	-	-	104.82	31.82	9.11	33.03	100	295	A	H
		5353.9	52.27	-21.73	74	44.16	31.95	9.19	33.03	100	295	P	H
		5350.66	44.83	-9.17	54	36.72	31.95	9.19	33.03	100	295	A	H
		5126.1	51.89	-22.11	74	44.16	31.73	9.03	33.03	393	258	P	V
		5107.64	43.98	-10.02	54	36.27	31.72	9.03	33.04	393	258	A	V
	*	5220	114.67	-	-	106.77	31.82	9.11	33.03	393	258	P	V
	*	5220	107.72	-	-	99.82	31.82	9.11	33.03	393	258	A	V
		5359.57	51.5	-22.5	74	43.39	31.95	9.19	33.03	393	258	P	V
		5351.74	41.65	-12.35	54	33.54	31.95	9.19	33.03	393	258	A	V



<b>802.11a CH 48 5240MHz</b>		5124.8	55.47	-18.53	74	47.74	31.73	9.03	33.03	100	298	P	H
		5127.66	47.83	-6.17	54	40.1	31.73	9.03	33.03	100	298	A	H
	*	5240	120.02	-	-	112.1	31.83	9.12	33.03	100	298	P	H
	*	5240	112.5	-	-	104.58	31.83	9.12	33.03	100	298	A	H
		5370.37	53.54	-20.46	74	45.4	31.97	9.2	33.03	100	298	P	H
		5352.01	45.32	-8.68	54	37.21	31.95	9.19	33.03	100	298	A	H
		5061.36	51.76	-22.24	74	44.14	31.67	8.99	33.04	394	264	P	V
		5102.96	43.23	-10.77	54	35.56	31.7	9.01	33.04	394	264	A	V
	*	5240	114.73	-	-	106.81	31.83	9.12	33.03	394	264	P	V
	*	5240	107.57	-	-	99.65	31.83	9.12	33.03	394	264	A	V
		5353.9	50.06	-23.94	74	41.95	31.95	9.19	33.03	394	264	P	V
		5352.28	42.4	-11.6	54	34.29	31.95	9.19	33.03	394	264	A	V
<b>Remark</b>	<ol style="list-style-type: none"> <li>1. No other spurious found.</li> <li>2. All results are PASS against Peak and Average limit line.</li> </ol>												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	56.88	-11.32	68.2	62.44	39.51	14.94	60.01	100	114	P	H
		15540	47.84	-26.16	74	49.55	38	18.34	58.05	100	0	P	H
		10360	57.64	-10.56	68.2	63.2	39.51	14.94	60.01	100	86	P	V
		15540	47.73	-26.27	74	49.44	38	18.34	58.05	100	0	P	V
802.11a CH 44 5220MHz		10440	62.54	-5.66	68.2	68.09	39.61	14.99	60.15	100	340	P	H
		15660	56.82	-17.18	74	58.62	37.67	18.41	57.88	105	102	P	H
		15660	46.53	-7.47	54	48.33	37.67	18.41	57.88	105	102	A	H
		10440	59.56	-8.64	68.2	65.11	39.61	14.99	60.15	104	240	P	V
		15660	57.28	-16.72	74	59.08	37.67	18.41	57.88	100	68	P	V
		15660	47.04	-6.96	54	48.84	37.67	18.41	57.88	100	68	A	V
802.11a CH 48 5240MHz		10480	61.31	-6.89	68.2	66.86	39.68	15.03	60.26	100	0	P	H
		15720	56.53	-17.47	74	58.42	37.47	18.43	57.79	100	96	P	H
		15720	45.8	-8.2	54	47.69	37.47	18.43	57.79	100	96	A	H
		10480	58.54	-9.66	68.2	64.09	39.68	15.03	60.26	100	0	P	V
		15720	57.92	-16.08	74	59.81	37.47	18.43	57.79	100	62	P	V
		15720	46.4	-7.6	54	48.29	37.47	18.43	57.79	100	62	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (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 36 5180MHz		5148.98	59.91	-14.09	74	52.14	31.75	9.05	33.03	104	295	P	H
		5148.98	52.13	-1.87	54	44.36	31.75	9.05	33.03	104	295	A	H
	*	5180	115.84	-	-	108.02	31.78	9.07	33.03	104	295	P	H
	*	5180	108.79	-	-	100.97	31.78	9.07	33.03	104	295	A	H
		5148.98	52.8	-21.2	74	45.03	31.75	9.05	33.03	377	266	P	V
		5150	46.74	-7.26	54	38.97	31.75	9.05	33.03	377	266	A	V
	*	5180	111.11	-	-	103.29	31.78	9.07	33.03	377	266	P	V
		5180	103.34	-	-	95.52	31.78	9.07	33.03	377	266	A	V
802.11n HT20 CH 44 5220MHz		5131.82	56.47	-17.53	74	48.74	31.73	9.03	33.03	100	299	P	H
		5148.98	48.66	-5.34	54	40.89	31.75	9.05	33.03	100	299	A	H
	*	5220	119.21	-	-	111.31	31.82	9.11	33.03	100	299	P	H
	*	5220	112.04	-	-	104.14	31.82	9.11	33.03	100	299	A	H
		5364.16	54.25	-19.75	74	46.12	31.97	9.19	33.03	100	299	P	H
		5351.47	44.71	-9.29	54	36.6	31.95	9.19	33.03	100	299	A	H
		5141.44	52.72	-21.28	74	44.95	31.75	9.05	33.03	393	260	P	V
		5108.42	44.25	-9.75	54	36.54	31.72	9.03	33.04	393	260	A	V
	*	5220	114.36	-	-	106.46	31.82	9.11	33.03	393	260	P	V
	*	5220	107.01	-	-	99.11	31.82	9.11	33.03	393	260	A	V
		5353.36	50.66	-23.34	74	42.55	31.95	9.19	33.03	393	260	P	V
	5354.17	42.08	-11.92	54	33.97	31.95	9.19	33.03	393	260	A	V	





<b>802.11n</b> <b>HT20</b> <b>CH 48</b> <b>5240MHz</b>		5132.6	55.58	-18.42	74	47.85	31.73	9.03	33.03	100	294	P	H
		5128.44	48.83	-5.17	54	41.1	31.73	9.03	33.03	100	294	A	H
	*	5240	119.33	-	-	111.41	31.83	9.12	33.03	100	294	P	H
	*	5240	111.84	-	-	103.92	31.83	9.12	33.03	100	294	A	H
		5360.92	54.63	-19.37	74	46.5	31.97	9.19	33.03	100	294	P	H
		5352.28	46.21	-7.79	54	38.1	31.95	9.19	33.03	100	294	A	H
		5082.68	52.12	-21.88	74	44.47	31.68	9.01	33.04	394	262	P	V
		5111.02	43.47	-10.53	54	35.76	31.72	9.03	33.04	394	262	A	V
	*	5240	114.19	-	-	106.27	31.83	9.12	33.03	394	262	P	V
	*	5240	106.74	-	-	98.82	31.83	9.12	33.03	394	262	A	V
		5359.03	50.53	-23.47	74	42.42	31.95	9.19	33.03	394	262	P	V
	5351.2	42.6	-11.4	54	34.49	31.95	9.19	33.03	394	262	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11n HT20 CH 36		10360	58.83	-9.37	68.2	64.39	39.51	14.94	60.01	100	0	P	H
		15540	47.07	-26.93	74	48.78	38	18.34	58.05	100	0	P	H
5180MHz		10360	58.28	-9.92	68.2	63.84	39.51	14.94	60.01	100	95	P	V
		15540	47.41	-26.59	74	49.12	38	18.34	58.05	100	0	P	V
802.11n HT20 CH 44		10440	62.62	-5.58	68.2	68.17	39.61	14.99	60.15	100	339	P	H
		15660	55.73	-18.27	74	57.53	37.67	18.41	57.88	100	84	P	H
		15660	44.72	-9.28	54	46.52	37.67	18.41	57.88	100	84	A	H
		10440	59.26	-8.94	68.2	64.81	39.61	14.99	60.15	100	294	P	V
5220MHz		15660	57.2	-16.8	74	59	37.67	18.41	57.88	100	69	P	V
		15660	45.55	-8.45	54	47.35	37.67	18.41	57.88	100	69	A	V
802.11n HT20 CH 48		10480	63.56	-4.64	68.2	69.11	39.68	15.03	60.26	100	337	P	H
		15720	54.89	-19.11	74	56.78	37.47	18.43	57.79	100	100	P	H
		15720	43.85	-10.15	54	45.74	37.47	18.43	57.79	100	100	A	H
		10480	61.33	-6.87	68.2	66.88	39.68	15.03	60.26	100	118	P	V
		15720	56.32	-17.68	74	58.21	37.47	18.43	57.79	100	66	P	V
		15720	45.57	-8.43	54	47.46	37.47	18.43	57.79	100	66	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (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 38 5190MHz		5149.24	64.97	-9.03	74	57.2	31.75	9.05	33.03	111	295	P	H
		5149.5	53.15	-0.85	54	45.38	31.75	9.05	33.03	111	295	A	H
	*	5190	107.86	-	-	100.02	31.78	9.09	33.03	111	295	P	H
	*	5190	100.68	-	-	92.84	31.78	9.09	33.03	111	295	A	H
		5452.16	50.24	-23.76	74	41.92	32.05	9.29	33.02	111	295	P	H
		5351.92	41.71	-12.29	54	33.6	31.95	9.19	33.03	111	295	A	H
		5148.72	57.14	-16.86	74	49.37	31.75	9.05	33.03	400	268	P	V
		5150	46.27	-7.73	54	38.5	31.75	9.05	33.03	400	268	A	V
	*	5190	102.38	-	-	94.54	31.78	9.09	33.03	400	268	P	V
	*	5190	95.32	-	-	87.48	31.78	9.09	33.03	400	268	A	V
		5435.36	48.05	-25.95	74	39.78	32.03	9.26	33.02	400	268	P	V
		5426.4	40.4	-13.6	54	32.14	32.02	9.26	33.02	400	268	A	V
802.11n HT40 CH 46 5230MHz		5141.7	59.35	-14.65	74	51.58	31.75	9.05	33.03	100	299	P	H
		5147.16	52.67	-1.33	54	44.9	31.75	9.05	33.03	100	299	A	H
	*	5230	114.87	-	-	106.96	31.83	9.11	33.03	100	299	P	H
	*	5230	107.57	-	-	99.66	31.83	9.11	33.03	100	299	A	H
		5383.84	54.38	-19.62	74	46.22	31.98	9.2	33.02	100	299	P	H
		5352.2	45.71	-8.29	54	37.6	31.95	9.19	33.03	100	299	A	H
		5143.26	54.69	-19.31	74	46.92	31.75	9.05	33.03	370	259	P	V
		5149.24	47.31	-6.69	54	39.54	31.75	9.05	33.03	370	259	A	V
	*	5230	109.53	-	-	101.62	31.83	9.11	33.03	370	259	P	V
	*	5230	102.19	-	-	94.28	31.83	9.11	33.03	370	259	A	V
	5361.72	50.84	-23.16	74	42.71	31.97	9.19	33.03	370	259	P	V	
	5355.84	42.53	-11.47	54	34.42	31.95	9.19	33.03	370	259	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10380	47.09	-21.11	68.2	52.64	39.54	14.95	60.04	100	0	P	H
HT40		15570	43.06	-30.94	74	44.79	37.91	18.36	58	100	0	P	H
CH 38		10380	45.92	-22.28	68.2	51.47	39.54	14.95	60.04	100	0	P	V
5190MHz		15570	43.91	-30.09	74	45.64	37.91	18.36	58	100	0	P	V
802.11n		10460	58.66	-9.54	68.2	64.22	39.63	15	60.19	100	334	P	H
HT40		15690	46.97	-27.03	74	48.82	37.57	18.41	57.83	100	0	P	H
CH 46		10460	56.11	-12.09	68.2	61.67	39.63	15	60.19	104	122	P	V
5230MHz		15690	49.93	-24.07	74	51.78	37.57	18.41	57.83	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 42 5210MHz</b>		5149.76	58.68	-15.32	74	50.91	31.75	9.05	33.03	102	297	P	H
		5143.78	53.07	-0.93	54	45.3	31.75	9.05	33.03	102	297	A	H
	*	5210	103.8	-	-	95.92	31.82	9.09	33.03	102	297	P	H
	*	5210	96.15	-	-	88.27	31.82	9.09	33.03	102	297	A	H
		5381.22	49.7	-24.3	74	41.54	31.98	9.2	33.02	102	297	P	H
		5362.24	42.57	-11.43	54	34.44	31.97	9.19	33.03	102	297	A	H
		5146.38	52.62	-21.38	74	44.85	31.75	9.05	33.03	375	257	P	V
		5143.52	46.48	-7.52	54	38.71	31.75	9.05	33.03	375	257	A	V
	*	5210	98.49	-	-	90.61	31.82	9.09	33.03	375	257	P	V
	*	5210	90.94	-	-	83.06	31.82	9.09	33.03	375	257	A	V
		5429.84	48.74	-25.26	74	40.47	32.03	9.26	33.02	375	257	P	V
	5354.96	41.5	-12.5	54	33.39	31.95	9.19	33.03	375	257	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10420	44.52	-23.68	68.2	50.08	39.58	14.98	60.12	100	0	P	H
VHT80		15630	43.4	-30.6	74	45.21	37.71	18.39	57.91	100	0	P	H
CH 42		10420	45.28	-22.92	68.2	50.84	39.58	14.98	60.12	100	0	P	V
5210MHz		15630	42.97	-31.03	74	44.78	37.71	18.39	57.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 52 5260MHz		5098.26	55.6	-18.4	74	47.93	31.7	9.01	33.04	100	295	P	H
		5146.88	48.46	-5.54	54	40.69	31.75	9.05	33.03	100	295	A	H
	*	5260	120.61	-	-	112.65	31.87	9.12	33.03	100	295	P	H
	*	5260	113.21	-	-	105.25	31.87	9.12	33.03	100	295	A	H
		5372.4	57.47	-16.53	74	49.33	31.97	9.2	33.03	100	295	P	H
		5351.52	47.51	-6.49	54	39.4	31.95	9.19	33.03	100	295	A	H
		5147.22	52.84	-21.16	74	45.07	31.75	9.05	33.03	359	261	P	V
		5147.9	43.73	-10.27	54	35.96	31.75	9.05	33.03	359	261	A	V
	*	5260	115.31	-	-	107.35	31.87	9.12	33.03	359	261	P	V
	*	5260	108.04	-	-	100.08	31.87	9.12	33.03	359	261	A	V
		5417.52	51.79	-22.21	74	43.57	32.02	9.22	33.02	359	261	P	V
		5352.96	43.01	-10.99	54	34.9	31.95	9.19	33.03	359	261	A	V
802.11a CH 60 5300MHz		5140.76	54.72	-19.28	74	46.95	31.75	9.05	33.03	100	297	P	H
		5149.94	46.16	-7.84	54	38.39	31.75	9.05	33.03	100	297	A	H
	*	5300	120.13	-	-	112.1	31.9	9.16	33.03	100	297	P	H
	*	5300	112.81	-	-	104.78	31.9	9.16	33.03	100	297	A	H
		5351.76	56.98	-17.02	74	48.87	31.95	9.19	33.03	100	297	P	H
		5350.56	49.44	-4.56	54	41.33	31.95	9.19	33.03	100	297	A	H
		5104.72	51.48	-22.52	74	43.81	31.7	9.01	33.04	353	266	P	V
		5149.94	42.93	-11.07	54	35.16	31.75	9.05	33.03	353	266	A	V
	*	5300	115.47	-	-	107.44	31.9	9.16	33.03	353	266	P	V
	*	5300	108.13	-	-	100.1	31.9	9.16	33.03	353	266	A	V
		5401.92	53.08	-20.92	74	44.88	32	9.22	33.02	353	266	P	V
		5350.08	44.56	-9.44	54	36.45	31.95	9.19	33.03	353	266	A	V



<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	117.65	-	-	109.59	31.92	9.17	33.03	100	298	P	H
	*	5320	110.24	-	-	102.18	31.92	9.17	33.03	100	298	A	H
		5355.2	58.8	-15.2	74	50.69	31.95	9.19	33.03	100	298	P	H
		5350.08	53.38	-0.62	54	45.27	31.95	9.19	33.03	100	298	A	H
	*	5320	113.26	-	-	105.2	31.92	9.17	33.03	350	266	P	V
	*	5320	105.78	-	-	97.72	31.92	9.17	33.03	350	266	A	V
		5350.72	58.11	-15.89	74	50	31.95	9.19	33.03	350	266	P	V
		5350.24	48.45	-5.55	54	40.34	31.95	9.19	33.03	350	266	A	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)	
802.11a CH 52 5260MHz		10520	61.18	-7.02	68.2	66.76	39.71	15.05	60.34	100	0	P	H	
		15780	56.92	-17.08	74	58.84	37.33	18.46	57.71	100	101	P	H	
		15780	46.38	-7.62	54	48.3	37.33	18.46	57.71	100	101	A	H	
		10520	58.36	-9.84	68.2	63.94	39.71	15.05	60.34	100	0	P	V	
		15780	56.06	-17.94	74	57.98	37.33	18.46	57.71	100	65	P	V	
		15780	45.88	-8.12	54	47.8	37.33	18.46	57.71	100	65	A	V	
802.11a CH 60 5300MHz		10600	61.88	-12.12	74	67.54	39.78	15.11	60.55	100	64	P	H	
		10600	52.21	-1.79	54	57.87	39.78	15.11	60.55	100	64	A	H	
		15900	53.27	-20.73	74	55.29	36.99	18.53	57.54	100	65	P	H	
		15900	42.72	-11.28	54	44.74	36.99	18.53	57.54	100	65	A	H	
		10600	57.39	-16.61	74	63.05	39.78	15.11	60.55	100	60	P	V	
			10600	47.52	-6.48	54	53.18	39.78	15.11	60.55	100	60	A	V
			15900	56.66	-17.34	74	58.68	36.99	18.53	57.54	100	64	P	V
		15900	46.25	-7.75	54	48.27	36.99	18.53	57.54	100	64	A	V	
802.11a CH 64 5320MHz		10640	57.18	-16.82	74	62.88	39.81	15.12	60.63	100	118	P	H	
		10640	46.89	-7.11	54	52.59	39.81	15.12	60.63	100	118	A	H	
		15960	52.33	-21.67	74	54.42	36.8	18.56	57.45	100	94	P	H	
		15960	41.61	-12.39	54	43.7	36.8	18.56	57.45	100	94	A	H	
		10640	56.49	-17.51	74	62.19	39.81	15.12	60.63	100	120	P	V	
			10640	45.86	-8.14	54	51.56	39.81	15.12	60.63	100	120	A	V
			15960	54.07	-19.93	74	56.16	36.8	18.56	57.45	100	58	P	V
			15960	43.13	-10.87	54	45.22	36.8	18.56	57.45	100	58	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)
<b>802.11n HT20 CH 52 5260MHz</b>		5128.86	55.74	-18.26	74	48.01	31.73	9.03	33.03	100	295	P	H
		5148.58	48.6	-5.4	54	40.83	31.75	9.05	33.03	100	295	A	H
	*	5260	118.99	-	-	111.03	31.87	9.12	33.03	100	295	P	H
	*	5260	111.65	-	-	103.69	31.87	9.12	33.03	100	295	A	H
		5364.24	55.17	-18.83	74	47.04	31.97	9.19	33.03	100	295	P	H
		5350.8	47.43	-6.57	54	39.32	31.95	9.19	33.03	100	295	A	H
		5131.58	51.26	-22.74	74	43.53	31.73	9.03	33.03	376	269	P	V
		5147.9	44.04	-9.96	54	36.27	31.75	9.05	33.03	376	269	A	V
	*	5260	113.56	-	-	105.6	31.87	9.12	33.03	376	269	P	V
	*	5260	106.42	-	-	98.46	31.87	9.12	33.03	376	269	A	V
		5371.44	50.79	-23.21	74	42.65	31.97	9.2	33.03	376	269	P	V
		5364	42.8	-11.2	54	34.67	31.97	9.19	33.03	376	269	A	V
<b>802.11n HT20 CH 60 5300MHz</b>		5143.14	54.33	-19.67	74	46.56	31.75	9.05	33.03	106	299	P	H
		5147.9	46.41	-7.59	54	38.64	31.75	9.05	33.03	106	299	A	H
	*	5300	118.12	-	-	110.09	31.9	9.16	33.03	106	299	P	H
	*	5300	111.8	-	-	103.77	31.9	9.16	33.03	106	299	A	H
		5352.96	57.18	-16.82	74	49.07	31.95	9.19	33.03	106	299	P	H
		5350.08	49.35	-4.65	54	41.24	31.95	9.19	33.03	106	299	A	H
		5144.16	50.61	-23.39	74	42.84	31.75	9.05	33.03	354	267	P	V
		5149.94	42.98	-11.02	54	35.21	31.75	9.05	33.03	354	267	A	V
	*	5300	114.5	-	-	106.47	31.9	9.16	33.03	354	267	P	V
	*	5300	107.21	-	-	99.18	31.9	9.16	33.03	354	267	A	V
	5351.52	52.2	-21.8	74	44.09	31.95	9.19	33.03	354	267	P	V	
	5351.04	44.01	-9.99	54	35.9	31.95	9.19	33.03	354	267	A	V	



<b>802.11n</b> <b>HT20</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	116.15	-	-	108.09	31.92	9.17	33.03	100	298	P	H
	*	5320	108.98	-	-	100.92	31.92	9.17	33.03	100	298	A	H
		5351.68	61.31	-12.69	74	53.2	31.95	9.19	33.03	100	298	P	H
		5350.56	52.59	-1.41	54	44.48	31.95	9.19	33.03	100	298	A	H
	*	5320	111.22	-	-	103.16	31.92	9.17	33.03	370	267	P	V
	*	5320	104.08	-	-	96.02	31.92	9.17	33.03	370	267	A	V
		5350.88	57.87	-16.13	74	49.76	31.95	9.19	33.03	370	267	P	V
		5350.08	47.98	-6.02	54	39.87	31.95	9.19	33.03	370	267	A	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBµV/m )	( dB )	( dBµV/m )	( dBµV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 52 5260MHz		10520	61.13	-7.07	68.2	66.71	39.71	15.05	60.34	100	0	P	H
		15780	55.43	-18.57	74	57.35	37.33	18.46	57.71	100	100	P	H
		15780	44.55	-9.45	54	46.47	37.33	18.46	57.71	100	100	A	H
		10520	57.33	-10.87	68.2	62.91	39.71	15.05	60.34	100	0	P	V
		15780	55.28	-18.72	74	57.2	37.33	18.46	57.71	100	60	P	V
		15780	43.98	-10.02	54	45.9	37.33	18.46	57.71	100	60	A	V
802.11n HT20 CH 60 5300MHz		10600	62.35	-11.65	74	68.01	39.78	15.11	60.55	100	41	P	H
		10600	52.06	-1.94	54	57.72	39.78	15.11	60.55	100	41	A	H
		15900	55.05	-18.95	74	57.07	36.99	18.53	57.54	100	94	P	H
		15900	43.78	-10.22	54	45.8	36.99	18.53	57.54	100	94	A	H
		10600	58.55	-15.45	74	64.21	39.78	15.11	60.55	100	117	P	V
		10600	48.05	-5.95	54	53.71	39.78	15.11	60.55	100	117	A	V
		15900	56.45	-17.55	74	58.47	36.99	18.53	57.54	100	62	P	V
	15900	45.15	-8.85	54	47.17	36.99	18.53	57.54	100	62	A	V	
802.11n HT20 CH 64 5320MHz		10640	59.01	-14.99	74	64.71	39.81	15.12	60.63	100	281	P	H
		10640	47.36	-6.64	54	53.06	39.81	15.12	60.63	100	281	A	H
		15960	45.7	-28.3	74	47.79	36.8	18.56	57.45	100	0	P	H
		10640	55.64	-18.36	74	61.34	39.81	15.12	60.63	100	237	P	V
		10640	43.86	-10.14	54	49.56	39.81	15.12	60.63	100	237	A	V
		15960	47.85	-26.15	74	49.94	36.8	18.56	57.45	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n 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		5134.64	57.12	-16.88	74	49.37	31.73	9.05	33.03	106	294	P	H
		5145.52	48.71	-5.29	54	40.94	31.75	9.05	33.03	106	294	A	H
	*	5270	115.38	-	-	107.4	31.87	9.14	33.03	106	294	P	H
	*	5270	107.42	-	-	99.44	31.87	9.14	33.03	106	294	A	H
		5352.96	59.57	-14.43	74	51.46	31.95	9.19	33.03	106	294	P	H
		5350.32	50.07	-3.93	54	41.96	31.95	9.19	33.03	106	294	A	H
		5136	52.98	-21.02	74	45.23	31.73	9.05	33.03	377	261	P	V
		5141.78	44.62	-9.38	54	36.85	31.75	9.05	33.03	377	261	A	V
	*	5270	110.87	-	-	102.89	31.87	9.14	33.03	377	261	P	V
	*	5270	102.78	-	-	94.8	31.87	9.14	33.03	377	261	A	V
		5369.76	51.94	-22.06	74	43.8	31.97	9.2	33.03	377	261	P	V
		5350.56	45.07	-8.93	54	36.96	31.95	9.19	33.03	377	261	A	V
802.11n HT40 CH 62 5310MHz		5136.68	51.22	-22.78	74	43.47	31.73	9.05	33.03	100	297	P	H
		5146.88	43.79	-10.21	54	36.02	31.75	9.05	33.03	100	297	A	H
	*	5310	108.09	-	-	100.04	31.92	9.16	33.03	100	297	P	H
	*	5310	100.24	-	-	92.19	31.92	9.16	33.03	100	297	A	H
		5352.48	63.61	-10.39	74	55.5	31.95	9.19	33.03	100	297	P	H
		5350.56	53.14	-0.86	54	45.03	31.95	9.19	33.03	100	297	A	H
		5135.66	50.4	-23.6	74	42.65	31.73	9.05	33.03	354	265	P	V
		5142.46	41.95	-12.05	54	34.18	31.75	9.05	33.03	354	265	A	V
	*	5310	103.62	-	-	95.57	31.92	9.16	33.03	354	265	P	V
	*	5310	95.24	-	-	87.19	31.92	9.16	33.03	354	265	A	V
	5353.92	55.78	-18.22	74	47.67	31.95	9.19	33.03	354	265	P	V	
	5350.56	46.94	-7.06	54	38.83	31.95	9.19	33.03	354	265	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10540	59.98	-8.22	68.2	65.56	39.73	15.07	60.38	100	37	P	H
HT40		15810	47.36	-26.64	74	49.31	37.23	18.49	57.67	100	0	P	H
CH 54		10540	57.69	-10.51	68.2	63.27	39.73	15.07	60.38	100	297	P	V
5270MHz		15810	47.42	-26.58	74	49.37	37.23	18.49	57.67	100	0	P	V
802.11n		10620	44.58	-29.42	74	50.26	39.8	15.11	60.59	100	0	P	H
HT40		15930	42.28	-31.72	74	44.34	36.89	18.55	57.5	100	0	P	H
CH 62		10620	44.23	-29.77	74	49.91	39.8	15.11	60.59	100	0	P	V
5310MHz		15930	42.67	-31.33	74	44.73	36.89	18.55	57.5	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 58 5290MHz</b>		5147.6	52.23	-21.77	74	44.46	31.75	9.05	33.03	100	298	P	H
		5141.3	44.29	-9.71	54	36.52	31.75	9.05	33.03	100	298	A	H
	*	5290	104.68	-	-	96.67	31.88	9.16	33.03	100	298	P	H
	*	5290	96.81	-	-	88.8	31.88	9.16	33.03	100	298	A	H
		5374.8	59.61	-14.39	74	51.46	31.97	9.2	33.02	100	298	P	H
		5350.32	52.31	-1.69	54	44.2	31.95	9.19	33.03	100	298	A	H
		5020.4	49.47	-24.53	74	41.94	31.62	8.95	33.04	374	259	P	V
		5145.8	42.63	-11.37	54	34.86	31.75	9.05	33.03	374	259	A	V
	*	5290	100.21	-	-	92.2	31.88	9.16	33.03	374	259	P	V
	*	5290	92.31	-	-	84.3	31.88	9.16	33.03	374	259	A	V
		5357.04	54.55	-19.45	74	46.44	31.95	9.19	33.03	374	259	P	V
	5350.08	45.78	-8.22	54	37.67	31.95	9.19	33.03	374	259	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10580	45.07	-23.13	68.2	50.72	39.77	15.09	60.51	100	0	P	H
VHT80		15870	42.35	-31.65	74	44.37	37.04	18.51	57.57	100	0	P	H
CH 58		10580	45.52	-22.68	68.2	51.17	39.77	15.09	60.51	100	0	P	V
5290MHz		15870	41.86	-32.14	74	43.88	37.04	18.51	57.57	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 100 5500MHz		5458.96	63.8	-10.2	74	55.48	32.05	9.29	33.02	100	296	P	H
		5469.52	67.34	-0.86	68.2	59	32.07	9.29	33.02	100	296	P	H
		5460	51.96	-2.04	54	43.64	32.05	9.29	33.02	100	296	A	H
	*	5500	117.94	-	-	109.49	32.1	9.37	33.02	100	296	P	H
	*	5500	110.05	-	-	101.6	32.1	9.37	33.02	100	296	A	H
		5460.08	60.14	-8.06	68.2	51.82	32.05	9.29	33.02	349	260	P	V
		5470	65.09	-3.11	68.2	56.75	32.07	9.29	33.02	349	260	P	V
		5459.92	47.8	-6.2	54	39.48	32.05	9.29	33.02	349	260	A	V
	*	5500	113.38	-	-	104.93	32.1	9.37	33.02	349	260	P	V
	*	5500	105.75	-	-	97.3	32.1	9.37	33.02	349	260	A	V
802.11a CH 116 5580MHz		5443.12	55.49	-18.51	74	47.22	32.03	9.26	33.02	100	296	P	H
		5468.08	56.39	-11.81	68.2	48.05	32.07	9.29	33.02	100	296	P	H
		5459.92	47.28	-6.72	54	38.96	32.05	9.29	33.02	100	296	A	H
	*	5580	118.83	-	-	110.2	32.22	9.48	33.07	100	296	P	H
	*	5580	110.73	-	-	102.1	32.22	9.48	33.07	100	296	A	H
		5743.895	53.83	-14.37	68.2	44.57	32.53	9.88	33.15	100	296	P	H
		5457.76	51.79	-22.21	74	43.47	32.05	9.29	33.02	395	265	P	V
		5467.6	51.95	-16.25	68.2	43.61	32.07	9.29	33.02	395	265	P	V
		5459.92	43.64	-10.36	54	35.32	32.05	9.29	33.02	395	265	A	V
	*	5580	114.93	-	-	106.3	32.22	9.48	33.07	395	265	P	V
	*	5580	107.13	-	-	98.5	32.22	9.48	33.07	395	265	A	V
		5745.155	52.01	-16.19	68.2	42.75	32.53	9.88	33.15	395	265	P	V



<b>802.11a</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	115.08	-	-	106.01	32.44	9.75	33.12	100	294	P	H
	*	5700	107.1	-	-	98.03	32.44	9.75	33.12	100	294	A	H
		5727.56	66.23	-1.97	68.2	57.05	32.5	9.81	33.13	100	294	P	H
	*	5700	111.37	-	-	102.3	32.44	9.75	33.12	341	260	P	V
	*	5700	103.4	-	-	94.33	32.44	9.75	33.12	341	260	A	V
		5725.08	63.37	-4.83	68.2	54.19	32.5	9.81	33.13	341	260	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
<b>802.11a CH 100 5500MHz</b>		11000	62.42	-11.58	74	68.44	40.1	15.38	61.5	100	58	P	H
		11000	52.02	-1.98	54	58.04	40.1	15.38	61.5	100	58	A	H
		16500	48.18	-20.02	68.2	47.94	38.5	19.04	57.3	100	0	P	H
		11000	59.71	-14.29	74	65.73	40.1	15.38	61.5	100	298	P	V
		11000	48.83	-5.17	54	54.85	40.1	15.38	61.5	100	298	A	V
		16500	49.18	-19.02	68.2	48.94	38.5	19.04	57.3	100	0	P	V
<b>802.11a CH 116 5580MHz</b>		11160	63.41	-10.59	74	69.38	40.07	15.49	61.53	100	47	P	H
		11160	53.05	-0.95	54	59.02	40.07	15.49	61.53	100	47	A	H
		16740	50.69	-17.51	68.2	49.18	39.08	19.25	56.82	100	0	P	H
		11160	59.98	-14.02	74	65.95	40.07	15.49	61.53	100	300	P	V
		11160	49.34	-4.66	54	55.31	40.07	15.49	61.53	100	300	A	V
		16740	51.34	-16.86	68.2	49.83	39.08	19.25	56.82	100	0	P	V
<b>802.11a CH 140 5700MHz</b>		11400	56.11	-17.89	74	62.01	40.02	15.66	61.58	103	50	P	H
		11400	45.63	-8.37	54	51.53	40.02	15.66	61.58	103	50	A	H
		17100	47.77	-20.43	68.2	44.26	40.06	19.53	56.08	100	0	P	H
		11400	53.06	-20.94	74	58.96	40.02	15.66	61.58	100	227	P	V
		11400	42.38	-11.62	54	48.28	40.02	15.66	61.58	100	227	A	V
		17100	48.09	-20.11	68.2	44.58	40.06	19.53	56.08	100	0	P	V
<b>Remark</b>	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		5459.44	64.04	-9.96	74	55.72	32.05	9.29	33.02	100	296	P	H
		5463.12	67.61	-0.59	68.2	59.27	32.07	9.29	33.02	100	296	P	H
		5460	52.66	-1.34	54	44.34	32.05	9.29	33.02	100	296	A	H
	*	5500	117.48	-	-	109.03	32.1	9.37	33.02	100	296	P	H
	*	5500	109.78	-	-	101.33	32.1	9.37	33.02	100	296	A	H
		5459.28	60.6	-13.4	74	52.28	32.05	9.29	33.02	349	260	P	V
		5466.64	63.63	-4.57	68.2	55.29	32.07	9.29	33.02	349	260	P	V
		5459.76	48.82	-5.18	54	40.5	32.05	9.29	33.02	349	260	A	V
	*	5500	113.23	-	-	104.78	32.1	9.37	33.02	349	260	P	V
	*	5500	105.51	-	-	97.06	32.1	9.37	33.02	349	260	A	V
802.11n HT20 CH 116 5580MHz		5454.16	56.91	-17.09	74	48.59	32.05	9.29	33.02	100	296	P	H
		5468.8	57.37	-10.83	68.2	49.03	32.07	9.29	33.02	100	296	P	H
		5459.92	47.51	-6.49	54	39.19	32.05	9.29	33.02	100	296	A	H
	*	5580	118.39	-	-	109.76	32.22	9.48	33.07	100	296	P	H
	*	5580	110.5	-	-	101.87	32.22	9.48	33.07	100	296	A	H
		5758.385	52.82	-15.38	68.2	43.46	32.57	9.95	33.16	100	296	P	H
		5410.72	51.39	-22.61	74	43.19	32	9.22	33.02	395	265	P	V
		5461.12	52.45	-15.75	68.2	44.13	32.05	9.29	33.02	395	265	P	V
		5459.92	43.83	-10.17	54	35.51	32.05	9.29	33.02	395	265	A	V
	*	5580	114.64	-	-	106.01	32.22	9.48	33.07	395	265	P	V
*	5580	106.83	-	-	98.2	32.22	9.48	33.07	395	265	A	V	
		5764.055	51.51	-16.69	68.2	42.15	32.57	9.95	33.16	395	265	P	V



<b>802.11n</b> <b>HT20</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	114.19	-	-	105.12	32.44	9.75	33.12	338	294	P	H
	*	5700	106.45	-	-	97.38	32.44	9.75	33.12	338	294	A	H
		5729.48	67.21	-0.99	68.2	58.03	32.5	9.81	33.13	338	294	P	H
	*	5700	110.67	-	-	101.6	32.44	9.75	33.12	341	260	P	V
	*	5700	103.12	-	-	94.05	32.44	9.75	33.12	341	260	A	V
		5731.56	63.99	-4.21	68.2	54.76	32.5	9.88	33.15	341	260	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
<b>802.11n HT20 CH 100</b>		11000	62.96	-11.04	74	68.98	40.1	15.38	61.5	100	60	P	H
		11000	51.16	-2.84	54	57.18	40.1	15.38	61.5	100	60	A	H
		16500	45.7	-22.5	68.2	45.46	38.5	19.04	57.3	100	0	P	H
		11000	59.42	-14.58	74	65.44	40.1	15.38	61.5	100	227	P	V
		11000	48.34	-5.66	54	54.36	40.1	15.38	61.5	100	227	A	V
		16500	47.8	-20.4	68.2	47.56	38.5	19.04	57.3	100	0	P	V
<b>802.11n HT20 CH 116</b>		11160	64.19	-9.81	74	70.16	40.07	15.49	61.53	100	47	P	H
		11160	52.98	-1.02	54	58.95	40.07	15.49	61.53	100	47	A	H
		16740	55.44	-12.76	68.2	53.93	39.08	19.25	56.82	100	0	P	H
		11160	59.5	-14.5	74	65.47	40.07	15.49	61.53	100	299	P	V
		11160	48.84	-5.16	54	54.81	40.07	15.49	61.53	100	299	A	V
		16740	52	-16.2	68.2	50.49	39.08	19.25	56.82	100	0	P	V
<b>802.11n HT20 CH 140</b>		11400	56.21	-17.79	74	62.11	40.02	15.66	61.58	100	50	P	H
		11400	45.7	-8.3	54	51.6	40.02	15.66	61.58	100	50	A	H
		17100	48.52	-19.68	68.2	45.01	40.06	19.53	56.08	100	0	P	H
		11400	52.8	-21.2	74	58.7	40.02	15.66	61.58	100	223	P	V
		11400	40.92	-13.08	54	46.82	40.02	15.66	61.58	100	223	A	V
		17100	47.74	-20.46	68.2	44.23	40.06	19.53	56.08	100	0	P	V
<b>Remark</b>	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		5454.16	61.76	-12.24	74	53.44	32.05	9.29	33.02	100	298	P	H
		5464.96	67.34	-0.86	68.2	59	32.07	9.29	33.02	100	298	P	H
		5459.44	53.14	-0.86	54	44.82	32.05	9.29	33.02	100	298	A	H
	*	5510	110.66	-	-	102.22	32.1	9.37	33.03	100	298	P	H
	*	5510	102.72	-	-	94.28	32.1	9.37	33.03	100	298	A	H
		5759.96	51.06	-17.14	68.2	41.7	32.57	9.95	33.16	100	298	P	H
		5459.68	55.59	-18.41	74	47.27	32.05	9.29	33.02	344	260	P	V
		5464.48	62.75	-5.45	68.2	54.41	32.07	9.29	33.02	344	260	P	V
		5459.2	47.52	-6.48	54	39.2	32.05	9.29	33.02	344	260	A	V
	*	5510	106.38	-	-	97.94	32.1	9.37	33.03	344	260	P	V
	*	5510	98.45	-	-	90.01	32.1	9.37	33.03	344	260	A	V
		5753.66	50.24	-17.96	68.2	40.94	32.57	9.88	33.15	344	260	P	V
802.11n HT40 CH 110 5550MHz		5453.68	61.1	-12.9	74	52.78	32.05	9.29	33.02	100	294	P	H
		5469.04	62.09	-6.11	68.2	53.75	32.07	9.29	33.02	100	294	P	H
		5458.96	50.28	-3.72	54	41.96	32.05	9.29	33.02	100	294	A	H
	*	5550	114.74	-	-	106.16	32.19	9.44	33.05	100	294	P	H
	*	5550	106.92	-	-	98.34	32.19	9.44	33.05	100	294	A	H
		5754.29	52.71	-15.49	68.2	43.41	32.57	9.88	33.15	100	294	P	H
		5451.76	54.03	-19.97	74	45.71	32.05	9.29	33.02	400	264	P	V
		5469.76	56.1	-12.1	68.2	47.76	32.07	9.29	33.02	400	264	P	V
		5457.28	46.19	-7.81	54	37.87	32.05	9.29	33.02	400	264	A	V
	*	5550	110.79	-	-	102.21	32.19	9.44	33.05	400	264	P	V
	*	5550	102.74	-	-	94.16	32.19	9.44	33.05	400	264	A	V
		5730.035	51.39	-16.81	68.2	42.21	32.5	9.81	33.13	400	264	P	V



<b>802.11n</b> <b>HT40</b> <b>CH 134</b> <b>5670MHz</b>		5400.4	52.71	-21.29	74	44.51	32	9.22	33.02	100	294	P	H
		5462	52.37	-15.83	68.2	44.05	32.05	9.29	33.02	100	294	P	H
		5455.35	45.5	-8.5	54	37.18	32.05	9.29	33.02	100	294	A	H
	*	5670	113.22	-	-	104.24	32.41	9.68	33.11	100	294	P	H
	*	5670	105.58	-	-	96.6	32.41	9.68	33.11	100	294	A	H
		5735.95	66.23	-1.97	68.2	56.97	32.53	9.88	33.15	100	294	P	H
		5455.7	50.6	-23.4	74	42.28	32.05	9.29	33.02	383	258	P	V
		5469	50.39	-17.81	68.2	42.05	32.07	9.29	33.02	383	258	P	V
		5456.4	42.36	-11.64	54	34.04	32.05	9.29	33.02	383	258	A	V
	*	5670	109.92	-	-	100.94	32.41	9.68	33.11	383	258	P	V
	*	5670	101.97	-	-	92.99	32.41	9.68	33.11	383	258	A	V
	5726.85	65.38	-2.82	68.2	56.2	32.5	9.81	33.13	383	258	P	V	
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	49.84	-24.16	74	55.84	40.1	15.4	61.5	100	0	P	H
		16530	44.34	-23.86	68.2	43.93	38.58	19.06	57.23	100	0	P	H
802.11n HT40 CH 110 5550MHz		11020	47.23	-26.77	74	53.23	40.1	15.4	61.5	100	0	P	V
		16530	42.99	-25.21	68.2	42.58	38.58	19.06	57.23	100	0	P	V
802.11n HT40 CH 110 5550MHz		11100	59.55	-14.45	74	65.54	40.08	15.45	61.52	100	52	P	H
		11100	49.51	-4.49	54	55.5	40.08	15.45	61.52	100	52	A	H
		16650	46.62	-21.58	68.2	45.57	38.87	19.17	56.99	100	0	P	H
		11100	56.95	-17.05	74	62.94	40.08	15.45	61.52	100	218	P	V
		11100	46.21	-7.79	54	52.2	40.08	15.45	61.52	100	218	A	V
802.11n HT40 CH 134 5670MHz		16650	46.33	-21.87	68.2	45.28	38.87	19.17	56.99	100	0	P	V
		11340	58.28	-15.72	74	64.2	40.03	15.62	61.57	100	51	P	H
		11340	47.91	-6.09	54	53.83	40.03	15.62	61.57	100	51	A	H
		17010	46.37	-21.83	68.2	43.39	39.76	19.48	56.26	100	0	P	H
		11340	53.9	-20.1	74	59.82	40.03	15.62	61.57	100	220	P	V
		11340	42.46	-11.54	54	48.38	40.03	15.62	61.57	100	220	A	V
802.11n HT40 CH 134 5670MHz		11340	42.46	-11.54	54	48.38	40.03	15.62	61.57	100	220	A	V
		17010	47.2	-21	68.2	44.22	39.76	19.48	56.26	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac 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		5450.32	58.6	-15.4	74	50.28	32.05	9.29	33.02	100	297	P	H
		5461.36	58.77	-9.43	68.2	50.45	32.05	9.29	33.02	100	297	P	H
		5458.24	51.67	-2.33	54	43.35	32.05	9.29	33.02	100	297	A	H
	*	5530	103.69	-	-	95.2	32.13	9.41	33.05	100	297	P	H
	*	5530	95.69	-	-	87.2	32.13	9.41	33.05	100	297	A	H
		5730.665	50.12	-18.08	68.2	40.89	32.5	9.88	33.15	100	297	P	H
		5454.64	54.02	-19.98	74	45.7	32.05	9.29	33.02	346	262	P	V
		5467.84	56.32	-11.88	68.2	47.98	32.07	9.29	33.02	346	262	P	V
		5456.56	46.75	-7.25	54	38.43	32.05	9.29	33.02	346	262	A	V
	*	5530	99.29	-	-	90.8	32.13	9.41	33.05	346	262	P	V
	*	5530	91.41	-	-	82.92	32.13	9.41	33.05	346	262	A	V
		5754.29	49.15	-19.05	68.2	39.85	32.57	9.88	33.15	346	262	P	V
802.11ac VHT80 CH 122 5610MHz		5455	59.54	-14.46	74	51.22	32.05	9.29	33.02	100	293	P	H
		5463.05	58.98	-9.22	68.2	50.64	32.07	9.29	33.02	100	293	P	H
		5459.55	52.78	-1.22	54	44.46	32.05	9.29	33.02	100	293	A	H
	*	5610	110.94	-	-	102.18	32.29	9.55	33.08	100	293	P	H
	*	5610	102.8	-	-	94.04	32.29	9.55	33.08	100	293	A	H
		5742.425	61.43	-6.77	68.2	52.17	32.53	9.88	33.15	100	293	P	H
		5446.25	53.46	-20.54	74	45.14	32.05	9.29	33.02	394	260	P	V
		5470.05	55.15	-94.85	150	46.81	32.07	9.29	33.02	394	260	P	V
		5455	48.73	-5.27	54	40.41	32.05	9.29	33.02	394	260	A	V
	*	5610	106.57	-	-	97.81	32.29	9.55	33.08	394	260	P	V
	*	5610	98.2	-	-	89.44	32.29	9.55	33.08	394	260	A	V
		5728.95	59.89	-8.31	68.2	50.71	32.5	9.81	33.13	394	260	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		11060	47.47	-26.53	74	53.47	40.09	15.42	61.51	100	0	P	H
VHT80		16590	42.87	-25.33	68.2	42.18	38.71	19.11	57.13	100	0	P	H
CH 106		11060	45.11	-28.89	74	51.11	40.09	15.42	61.51	100	0	P	V
5530MHz		16590	43.3	-24.9	68.2	42.61	38.71	19.11	57.13	100	0	P	V
802.11ac		11220	57.56	-16.44	74	63.5	40.06	15.54	61.54	100	52	P	H
VHT80		11220	46.25	-7.75	54	52.19	40.06	15.54	61.54	100	52	A	H
CH 122		16830	51.65	-16.55	68.2	49.67	39.29	19.33	56.64	100	0	P	H
5610MHz		11220	52.72	-21.28	74	58.66	40.06	15.54	61.54	100	220	P	V
		11220	41.58	-12.42	54	47.52	40.06	15.54	61.54	100	220	A	V
		16830	48.1	-20.1	68.2	46.12	39.29	19.33	56.64	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 144 5720MHz		5436.58	51.58	-22.42	74	43.31	32.03	9.26	33.02	100	293	P	H
		5470	51.82	-16.38	68.2	43.48	32.07	9.29	33.02	100	293	P	H
		5454.91	43.27	-10.73	54	34.95	32.05	9.29	33.02	100	293	A	H
	*	5720	119.19	-	-	110.01	32.5	9.81	33.13	100	293	P	H
	*	5720	111.47	-	-	102.29	32.5	9.81	33.13	100	293	A	H
		5866.25	54.08	-14.12	68.2	44.52	32.75	10.02	33.21	100	293	P	H
		5452.18	48.63	-25.37	74	40.31	32.05	9.29	33.02	375	260	P	V
		5464.27	47.3	-20.9	68.2	38.96	32.07	9.29	33.02	375	260	P	V
		5454.91	40.98	-13.02	54	32.66	32.05	9.29	33.02	375	260	A	V
	*	5720	116.04	-	-	106.86	32.5	9.81	33.13	375	260	P	V
	*	5720	108.28	-	-	99.1	32.5	9.81	33.13	375	260	A	V
		5888	52.53	-15.67	68.2	42.92	32.81	10.02	33.22	375	260	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include test data for 802.11a CH 144 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 )
<b>802.11n HT20 CH 144 5720MHz</b>		5415.13	51.8	-22.2	74	43.58	32.02	9.22	33.02	100	293	P	H
		5465.44	51.06	-17.14	68.2	42.72	32.07	9.29	33.02	100	293	P	H
		5458.03	43.49	-10.51	54	35.17	32.05	9.29	33.02	100	293	A	H
	*	5720	118.38	-	-	109.2	32.5	9.81	33.13	100	293	P	H
	*	5720	110.81	-	-	101.63	32.5	9.81	33.13	100	293	A	H
		5874.5	54.44	-13.76	68.2	44.85	32.78	10.02	33.21	100	293	P	H
		5442.43	49.82	-24.18	74	41.55	32.03	9.26	33.02	375	260	P	V
		5467.39	50.74	-17.46	68.2	42.4	32.07	9.29	33.02	375	260	P	V
		5458.81	41.16	-12.84	54	32.84	32.05	9.29	33.02	375	260	A	V
	*	5720	115.29	-	-	106.11	32.5	9.81	33.13	375	260	P	V
	*	5720	107.42	-	-	98.24	32.5	9.81	33.13	375	260	A	V
		5866	52.4	-15.8	68.2	42.84	32.75	10.02	33.21	375	260	P	V
<b>Remark</b>	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. It contains 6 rows of test data and a Remark section.



**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 )
<b>802.11n HT40 CH 142 5710MHz</b>		5380.42	52.08	-21.92	74	43.92	31.98	9.2	33.02	100	297	P	H
		5465.05	52.95	-15.25	68.2	44.61	32.07	9.29	33.02	100	297	P	H
		5456.47	44.21	-9.79	54	35.89	32.05	9.29	33.02	100	297	A	H
	*	5710	114.92	-	-	105.77	32.47	9.81	33.13	100	297	P	H
	*	5710	107.07	-	-	97.92	32.47	9.81	33.13	100	297	A	H
		5863.5	54.47	-13.73	68.2	44.91	32.75	10.02	33.21	100	297	P	H
		5456.08	50.11	-23.89	74	41.79	32.05	9.29	33.02	360	266	P	V
		5468.17	48.69	-19.51	68.2	40.35	32.07	9.29	33.02	360	266	P	V
		5449.06	41.66	-12.34	54	33.34	32.05	9.29	33.02	360	266	A	V
	*	5710	111.65	-	-	102.5	32.47	9.81	33.13	360	266	P	V
	*	5710	103.71	-	-	94.56	32.47	9.81	33.13	360	266	A	V
		5850.5	53.28	-14.92	68.2	43.73	32.72	10.02	33.19	360	266	P	V
<b>Remark</b>	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. It contains 6 rows of test data 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 )
<b>802.11ac VHT80 CH 138 5690MHz</b>		5451.79	53.64	-20.36	74	45.32	32.05	9.29	33.02	100	294	P	H
		5467.39	52.28	-15.92	68.2	43.94	32.07	9.29	33.02	100	294	P	H
		5452.96	45.98	-8.02	54	37.66	32.05	9.29	33.02	100	294	A	H
	*	5690	111.11	-	-	102.04	32.44	9.75	33.12	100	294	P	H
	*	5690	103.09	-	-	94.02	32.44	9.75	33.12	100	294	A	H
		5886.1	58.35	-9.85	68.2	48.77	32.78	10.02	33.22	100	294	P	H
		5455.69	50.64	-23.36	74	42.32	32.05	9.29	33.02	362	267	P	V
		5466.22	49.76	-18.44	68.2	41.42	32.07	9.29	33.02	362	267	P	V
		5442.43	43.1	-10.9	54	34.83	32.03	9.26	33.02	362	267	A	V
	*	5690	108.14	-	-	99.07	32.44	9.75	33.12	362	267	P	V
	*	5690	100.09	-	-	91.02	32.44	9.75	33.12	362	267	A	V
		5856.4	56.19	-12.01	68.2	46.61	32.75	10.02	33.19	362	267	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
<b>802.11ac VHT80 CH 138 5690MHz</b>		11380	56.36	-17.64	74	62.27	40.02	15.65	61.58	100	57	P	H
		11380	48.27	-5.73	54	54.18	40.02	15.65	61.58	100	57	A	H
		17070	49.81	-18.39	68.2	46.5	39.94	19.52	56.15	100	0	P	H
		11380	52.41	-21.59	74	58.32	40.02	15.65	61.58	100	238	P	V
		11380	43.92	-10.08	54	49.83	40.02	15.65	61.58	100	238	A	V
		17070	48.65	-19.55	68.2	45.34	39.94	19.52	56.15	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBµV/m )	( dB )	( dBµV/m )	( dBµV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 36 5180MHz		5145.08	58.54	-15.46	74	50.77	31.75	9.05	33.03	100	296	P	H
		5149.76	53.07	-0.93	54	45.3	31.75	9.05	33.03	100	296	A	H
	*	5180	116.07	-	-	108.25	31.78	9.07	33.03	100	296	P	H
	*	5180	109.28	-	-	101.46	31.78	9.07	33.03	100	296	A	H
		5147.16	56.55	-17.45	74	48.78	31.75	9.05	33.03	393	275	P	V
		5149.5	46.25	-7.75	54	38.48	31.75	9.05	33.03	393	275	A	V
	*	5180	112.34	-	-	104.52	31.78	9.07	33.03	393	275	P	V
	*	5180	104.3	-	-	96.48	31.78	9.07	33.03	393	275	A	V
802.11a CH 44 5220MHz		5147.16	59.13	-14.87	74	51.36	31.75	9.05	33.03	100	296	P	H
		5148.98	47.5	-6.5	54	39.73	31.75	9.05	33.03	100	296	A	H
	*	5220	121.83	-	-	113.93	31.82	9.11	33.03	100	296	P	H
	*	5220	113.54	-	-	105.64	31.82	9.11	33.03	100	296	A	H
		5354.17	52.82	-21.18	74	44.71	31.95	9.19	33.03	100	296	P	H
		5351.47	43.53	-10.47	54	35.42	31.95	9.19	33.03	100	296	A	H
		5046.28	51.04	-22.96	74	43.46	31.65	8.97	33.04	366	267	P	V
		5149.5	42.69	-11.31	54	34.92	31.75	9.05	33.03	366	267	A	V
	*	5220	115.99	-	-	108.09	31.82	9.11	33.03	366	267	P	V
	*	5220	108.54	-	-	100.64	31.82	9.11	33.03	366	267	A	V
		5366.59	49.38	-24.62	74	41.25	31.97	9.19	33.03	366	267	P	V
		5374.42	40.73	-13.27	54	32.58	31.97	9.2	33.02	366	267	A	V



<b>802.11a CH 48 5240MHz</b>		5110.5	54.78	-19.22	74	47.07	31.72	9.03	33.04	100	296	P	H
		5127.66	46.16	-7.84	54	38.43	31.73	9.03	33.03	100	296	A	H
	*	5240	121.43	-	-	113.51	31.83	9.12	33.03	100	296	P	H
	*	5240	113.25	-	-	105.33	31.83	9.12	33.03	100	296	A	H
		5353.9	52.07	-21.93	74	43.96	31.95	9.19	33.03	100	296	P	H
		5352.55	44.65	-9.35	54	36.54	31.95	9.19	33.03	100	296	A	H
		5148.46	49.93	-24.07	74	42.16	31.75	9.05	33.03	385	265	P	V
		5103.22	42.46	-11.54	54	34.79	31.7	9.01	33.04	385	265	A	V
	*	5240	115.58	-	-	107.66	31.83	9.12	33.03	385	265	P	V
	*	5240	108.11	-	-	100.19	31.83	9.12	33.03	385	265	A	V
		5356.33	49.56	-24.44	74	41.45	31.95	9.19	33.03	385	265	P	V
		5352.28	41.29	-12.71	54	33.18	31.95	9.19	33.03	385	265	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	57.74	-10.46	68.2	63.3	39.51	14.94	60.01	100	0	P	H
		15540	48.08	-25.92	74	49.79	38	18.34	58.05	100	0	P	H
		10360	55.94	-12.26	68.2	61.5	39.51	14.94	60.01	100	0	P	V
		15540	48.41	-25.59	74	50.12	38	18.34	58.05	100	0	P	V
802.11a CH 44 5220MHz		10440	61.83	-6.37	68.2	67.38	39.61	14.99	60.15	100	0	P	H
		15660	60.22	-13.78	74	62.02	37.67	18.41	57.88	100	105	P	H
		15660	49.76	-4.24	54	51.56	37.67	18.41	57.88	100	105	A	H
		10440	60.42	-7.78	68.2	65.97	39.61	14.99	60.15	100	0	P	V
		15660	61.15	-12.85	74	62.95	37.67	18.41	57.88	100	68	P	V
		15660	51.15	-2.85	54	52.95	37.67	18.41	57.88	100	68	A	V
802.11a CH 48 5240MHz		10480	61.05	-7.15	68.2	66.6	39.68	15.03	60.26	100	0	P	H
		15720	59.07	-14.93	74	60.96	37.47	18.43	57.79	100	100	P	H
		15720	48.89	-5.11	54	50.78	37.47	18.43	57.79	100	100	A	H
		10480	60.83	-7.37	68.2	66.38	39.68	15.03	60.26	100	0	P	V
		15720	61.08	-12.92	74	62.97	37.47	18.43	57.79	100	68	P	V
		15720	50.87	-3.13	54	52.76	37.47	18.43	57.79	100	68	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n 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 36 5180MHz		5150	60.97	-13.03	74	53.2	31.75	9.05	33.03	100	294	P	H
		5150	52.78	-1.22	54	45.01	31.75	9.05	33.03	100	294	A	H
	*	5180	117.28	-	-	109.46	31.78	9.07	33.03	100	294	P	H
	*	5180	109	-	-	101.18	31.78	9.07	33.03	100	294	A	H
		5146.38	54.16	-19.84	74	46.39	31.75	9.05	33.03	400	260	P	V
		5150	46.98	-7.02	54	39.21	31.75	9.05	33.03	400	260	A	V
	*	5180	111.62	-	-	103.8	31.78	9.07	33.03	400	260	P	V
	*	5180	103.17	-	-	95.35	31.78	9.07	33.03	400	260	A	V
802.11n HT20 CH 44 5220MHz		5145.86	57.82	-16.18	74	50.05	31.75	9.05	33.03	100	293	P	H
		5148.98	47.7	-6.3	54	39.93	31.75	9.05	33.03	100	293	A	H
	*	5220	120.59	-	-	112.69	31.82	9.11	33.03	100	293	P	H
	*	5220	112.96	-	-	105.06	31.82	9.11	33.03	100	293	A	H
		5352.28	51.41	-22.59	74	43.3	31.95	9.19	33.03	100	293	P	H
		5352.55	43.89	-10.11	54	35.78	31.95	9.19	33.03	100	293	A	H
		5100.88	50.92	-23.08	74	43.25	31.7	9.01	33.04	376	268	P	V
		5146.38	42.83	-11.17	54	35.06	31.75	9.05	33.03	376	268	A	V
	*	5220	115.79	-	-	107.89	31.82	9.11	33.03	376	268	P	V
	*	5220	107.79	-	-	99.89	31.82	9.11	33.03	376	268	A	V
		5356.6	50.62	-23.38	74	42.51	31.95	9.19	33.03	376	268	P	V
	5351.47	41.23	-12.77	54	33.12	31.95	9.19	33.03	376	268	A	V	



<b>802.11n HT20 CH 48 5240MHz</b>		5140.66	55.01	-18.99	74	47.24	31.75	9.05	33.03	100	295	P	H
		5127.92	46.74	-7.26	54	39.01	31.73	9.03	33.03	100	295	A	H
	*	5240	120.43	-	-	112.51	31.83	9.12	33.03	100	295	P	H
	*	5240	112.53	-	-	104.61	31.83	9.12	33.03	100	295	A	H
		5372.8	52.72	-21.28	74	44.58	31.97	9.2	33.03	100	295	P	H
		5352.28	45.29	-8.71	54	37.18	31.95	9.19	33.03	100	295	A	H
		5060.58	50.13	-23.87	74	42.51	31.67	8.99	33.04	396	267	P	V
		5128.7	42.38	-11.62	54	34.65	31.73	9.03	33.03	396	267	A	V
	*	5240	115.53	-	-	107.61	31.83	9.12	33.03	396	267	P	V
	*	5240	107.73	-	-	99.81	31.83	9.12	33.03	396	267	A	V
		5448.4	49.49	-24.51	74	41.17	32.05	9.29	33.02	396	267	P	V
	5351.47	41.97	-12.03	54	33.86	31.95	9.19	33.03	396	267	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11n HT20 CH 36		10360	55.98	-12.22	68.2	61.54	39.51	14.94	60.01	100	0	P	H
		15540	49.33	-24.67	74	51.04	38	18.34	58.05	100	0	P	H
5180MHz		10360	54.21	-13.99	68.2	59.77	39.51	14.94	60.01	100	0	P	V
		15540	47.56	-26.44	74	49.27	38	18.34	58.05	100	0	P	V
802.11n HT20 CH 44		10440	61.63	-6.57	68.2	67.18	39.61	14.99	60.15	100	0	P	H
		15660	59.96	-14.04	74	61.76	37.67	18.41	57.88	100	99	P	H
		15660	48.96	-5.04	54	50.76	37.67	18.41	57.88	100	99	A	H
		10440	59.45	-8.75	68.2	65	39.61	14.99	60.15	100	0	P	V
5220MHz		15660	60.6	-13.4	74	62.4	37.67	18.41	57.88	100	67	P	V
		15660	49.48	-4.52	54	51.28	37.67	18.41	57.88	100	67	A	V
802.11n HT20 CH 48		10480	60.2	-8	68.2	65.75	39.68	15.03	60.26	100	0	P	H
		15720	58.15	-15.85	74	60.04	37.47	18.43	57.79	100	101	P	H
		15720	48.02	-5.98	54	49.91	37.47	18.43	57.79	100	101	A	H
		10480	59.14	-9.06	68.2	64.69	39.68	15.03	60.26	100	0	P	V
		15720	59.69	-14.31	74	61.58	37.47	18.43	57.79	100	0	P	V
		15720	49.51	-4.49	54	51.4	37.47	18.43	57.79	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n 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 38 5190MHz		5148.2	62.17	-11.83	74	54.4	31.75	9.05	33.03	100	294	P	H
		5149.76	52.99	-1.01	54	45.22	31.75	9.05	33.03	100	294	A	H
	*	5190	108.54	-	-	100.7	31.78	9.09	33.03	100	294	P	H
	*	5190	100.04	-	-	92.2	31.78	9.09	33.03	100	294	A	H
		5396.44	50.95	-23.05	74	42.75	32	9.22	33.02	100	294	P	H
		5358.92	41.52	-12.48	54	33.41	31.95	9.19	33.03	100	294	A	H
		5150	58.74	-15.26	74	50.97	31.75	9.05	33.03	400	263	P	V
		5149.76	47.26	-6.74	54	39.49	31.75	9.05	33.03	400	263	A	V
	*	5190	103.53	-	-	95.69	31.78	9.09	33.03	400	263	P	V
	*	5190	95.61	-	-	87.77	31.78	9.09	33.03	400	263	A	V
		5395.88	48.52	-25.48	74	40.32	32	9.22	33.02	400	263	P	V
		5367.6	40.44	-13.56	54	32.3	31.97	9.2	33.03	400	263	A	V
802.11n HT40 CH 46 5230MHz		5141.44	60.62	-13.38	74	52.85	31.75	9.05	33.03	100	295	P	H
		5148.98	53.22	-0.78	54	45.45	31.75	9.05	33.03	100	295	A	H
	*	5230	116.19	-	-	108.28	31.83	9.11	33.03	100	295	P	H
	*	5230	107.85	-	-	99.94	31.83	9.11	33.03	100	295	A	H
		5351.92	53.31	-20.69	74	45.2	31.95	9.19	33.03	100	295	P	H
		5350.52	44.93	-9.07	54	36.82	31.95	9.19	33.03	100	295	A	H
		5140.14	56.2	-17.8	74	48.43	31.75	9.05	33.03	373	264	P	V
		5149.76	47.2	-6.8	54	39.43	31.75	9.05	33.03	373	264	A	V
	*	5230	111.04	-	-	103.13	31.83	9.11	33.03	373	264	P	V
	*	5230	102.96	-	-	95.05	31.83	9.11	33.03	373	264	A	V
	5364.52	49.91	-24.09	74	41.78	31.97	9.19	33.03	373	264	P	V	
	5356.4	41.8	-12.2	54	33.69	31.95	9.19	33.03	373	264	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10380	46.8	-21.4	68.2	52.35	39.54	14.95	60.04	100	0	P	H
HT40		15570	44.61	-29.39	74	46.34	37.91	18.36	58	100	0	P	H
CH 38		10380	48.25	-19.95	68.2	53.8	39.54	14.95	60.04	100	0	P	V
5190MHz		15570	43.81	-30.19	74	45.54	37.91	18.36	58	100	0	P	V
802.11n		10460	57.43	-10.77	68.2	62.99	39.63	15	60.19	100	0	P	H
HT40		15690	48.45	-25.55	74	50.3	37.57	18.41	57.83	100	0	P	H
CH 46		10460	55.56	-12.64	68.2	61.12	39.63	15	60.19	100	0	P	V
5230MHz		15690	49.5	-24.5	74	51.35	37.57	18.41	57.83	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 42 5210MHz</b>		5135.72	60.84	-13.16	74	53.09	31.73	9.05	33.03	100	296	P	H
		5144.82	52.22	-1.78	54	44.45	31.75	9.05	33.03	100	296	A	H
	*	5210	103.32	-	-	95.44	31.82	9.09	33.03	100	296	P	H
	*	5210	95.63	-	-	87.75	31.82	9.09	33.03	100	296	A	H
		5351.32	48.53	-25.47	74	40.42	31.95	9.19	33.03	100	296	P	H
		5356.26	42.26	-11.74	54	34.15	31.95	9.19	33.03	100	296	A	H
		5147.94	52.67	-21.33	74	44.9	31.75	9.05	33.03	400	262	P	V
		5144.82	47.33	-6.67	54	39.56	31.75	9.05	33.03	400	262	A	V
	*	5210	98.37	-	-	90.49	31.82	9.09	33.03	400	262	P	V
	*	5210	89.92	-	-	82.04	31.82	9.09	33.03	400	262	A	V
		5428.02	48.89	-25.11	74	40.63	32.02	9.26	33.02	400	262	P	V
	5421.78	41.54	-12.46	54	33.28	32.02	9.26	33.02	400	262	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10420	46.61	-21.59	68.2	52.17	39.58	14.98	60.12	100	0	P	H
VHT80		15630	43.89	-30.11	74	45.7	37.71	18.39	57.91	100	0	P	H
CH 42		10420	45.61	-22.59	68.2	51.17	39.58	14.98	60.12	100	0	P	V
5210MHz		15630	42.73	-31.27	74	44.54	37.71	18.39	57.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 52 5260MHz		5111.52	52.69	-21.31	74	44.98	31.72	9.03	33.04	100	295	P	H
		5147.56	46.02	-7.98	54	38.25	31.75	9.05	33.03	100	295	A	H
	*	5260	122.15	-	-	114.19	31.87	9.12	33.03	100	295	P	H
	*	5260	114.19	-	-	106.23	31.87	9.12	33.03	100	295	A	H
		5352.96	54.13	-19.87	74	46.02	31.95	9.19	33.03	100	295	P	H
		5372.16	44.74	-9.26	54	36.6	31.97	9.2	33.03	100	295	A	H
		5126.48	50.09	-23.91	74	42.36	31.73	9.03	33.03	338	255	P	V
		5132.26	42.15	-11.85	54	34.42	31.73	9.03	33.03	338	255	A	V
	*	5260	115.83	-	-	107.87	31.87	9.12	33.03	338	255	P	V
	*	5260	108.01	-	-	100.05	31.87	9.12	33.03	338	255	A	V
		5384.64	49.75	-24.25	74	41.59	31.98	9.2	33.02	338	255	P	V
		5372.64	40.99	-13.01	54	32.85	31.97	9.2	33.03	338	255	A	V
802.11a CH 60 5300MHz		5146.54	53.08	-20.92	74	45.31	31.75	9.05	33.03	103	295	P	H
		5148.92	45.73	-8.27	54	37.96	31.75	9.05	33.03	103	295	A	H
	*	5300	120	-	-	111.97	31.9	9.16	33.03	103	295	P	H
	*	5300	112.65	-	-	104.62	31.9	9.16	33.03	103	295	A	H
		5352.72	55.69	-18.31	74	47.58	31.95	9.19	33.03	103	295	P	H
		5352.24	48.16	-5.84	54	40.05	31.95	9.19	33.03	103	295	A	H
		5149.94	50.67	-23.33	74	42.9	31.75	9.05	33.03	382	264	P	V
		5142.8	42.82	-11.18	54	35.05	31.75	9.05	33.03	382	264	A	V
	*	5300	114.34	-	-	106.31	31.9	9.16	33.03	382	264	P	V
	*	5300	107.36	-	-	99.33	31.9	9.16	33.03	382	264	A	V
		5350.08	51.71	-22.29	74	43.6	31.95	9.19	33.03	382	264	P	V
		5350.08	43.35	-10.65	54	35.24	31.95	9.19	33.03	382	264	A	V



<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	117.99	-	-	109.93	31.92	9.17	33.03	100	302	P	H
	*	5320	110.93	-	-	102.87	31.92	9.17	33.03	100	302	A	H
		5351.36	60.64	-13.36	74	52.53	31.95	9.19	33.03	100	302	P	H
		5351.52	52.53	-1.47	54	44.42	31.95	9.19	33.03	100	302	A	H
	*	5320	112.13	-	-	104.07	31.92	9.17	33.03	397	281	P	V
	*	5320	105.23	-	-	97.17	31.92	9.17	33.03	397	281	A	V
		5350.4	53.69	-20.31	74	45.58	31.95	9.19	33.03	397	281	P	V
		5350.08	45.48	-8.52	54	37.37	31.95	9.19	33.03	397	281	A	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
<b>802.11a CH 52 5260MHz</b>		10520	61.67	-6.53	68.2	67.25	39.71	15.05	60.34	100	0	P	H
		15780	60.28	-13.72	74	62.2	37.33	18.46	57.71	100	100	P	H
		15780	49.02	-4.98	54	50.94	37.33	18.46	57.71	100	100	A	H
		10520	59.89	-8.31	68.2	65.47	39.71	15.05	60.34	100	0	P	V
		15780	59.63	-14.37	74	61.55	37.33	18.46	57.71	100	60	P	V
		15780	48.57	-5.43	54	50.49	37.33	18.46	57.71	100	60	A	V
<b>802.11a CH 60 5300MHz</b>		10600	63.32	-10.68	74	68.98	39.78	15.11	60.55	100	276	P	H
		10600	52.84	-1.16	54	58.5	39.78	15.11	60.55	100	276	A	H
		15900	56.85	-17.15	74	58.87	36.99	18.53	57.54	100	104	P	H
		15900	45.02	-8.98	54	47.04	36.99	18.53	57.54	100	104	A	H
		10600	62.43	-11.57	74	68.09	39.78	15.11	60.55	103	243	P	V
		10600	52.44	-1.56	54	58.1	39.78	15.11	60.55	103	243	A	V
		15900	58.17	-15.83	74	60.19	36.99	18.53	57.54	100	65	P	V
		15900	46.76	-7.24	54	48.78	36.99	18.53	57.54	100	65	A	V
<b>802.11a CH 64 5320MHz</b>		10640	61.07	-12.93	74	66.77	39.81	15.12	60.63	109	270	P	H
		10640	50.79	-3.21	54	56.49	39.81	15.12	60.63	109	270	A	H
		15960	54.54	-19.46	74	56.63	36.8	18.56	57.45	100	102	P	H
		15960	43.2	-10.8	54	45.29	36.8	18.56	57.45	100	102	A	H
		10640	59.61	-14.39	74	65.31	39.81	15.12	60.63	100	243	P	V
		10640	49.61	-4.39	54	55.31	39.81	15.12	60.63	100	243	A	V
		15960	56.54	-17.46	74	58.63	36.8	18.56	57.45	100	67	P	V
		15960	45.05	-8.95	54	47.14	36.8	18.56	57.45	100	67	A	V
<b>Remark</b>	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		5146.54	54.51	-19.49	74	46.74	31.75	9.05	33.03	103	296	P	H
		5148.58	47.06	-6.94	54	39.29	31.75	9.05	33.03	103	296	A	H
	*	5260	120.08	-	-	112.12	31.87	9.12	33.03	103	296	P	H
	*	5260	112.46	-	-	104.5	31.87	9.12	33.03	103	296	A	H
		5365.92	54.56	-19.44	74	46.43	31.97	9.19	33.03	103	296	P	H
		5371.92	46.12	-7.88	54	37.98	31.97	9.2	33.03	103	296	A	H
		5092.82	49.7	-24.3	74	42.03	31.7	9.01	33.04	346	269	P	V
		5148.24	43.2	-10.8	54	35.43	31.75	9.05	33.03	346	269	A	V
	*	5260	114.81	-	-	106.85	31.87	9.12	33.03	346	269	P	V
	*	5260	106.75	-	-	98.79	31.87	9.12	33.03	346	269	A	V
		5367.84	49.12	-24.88	74	40.98	31.97	9.2	33.03	346	269	P	V
		5371.44	41.42	-12.58	54	33.28	31.97	9.2	33.03	346	269	A	V
802.11n HT20 CH 60 5300MHz		5146.88	53.78	-20.22	74	46.01	31.75	9.05	33.03	107	294	P	H
		5148.92	45.03	-8.97	54	37.26	31.75	9.05	33.03	107	294	A	H
	*	5300	119.43	-	-	111.4	31.9	9.16	33.03	107	294	P	H
	*	5300	111.79	-	-	103.76	31.9	9.16	33.03	107	294	A	H
		5350.32	56.65	-17.35	74	48.54	31.95	9.19	33.03	107	294	P	H
		5351.04	47.68	-6.32	54	39.57	31.95	9.19	33.03	107	294	A	H
		5122.4	50.23	-23.77	74	42.51	31.72	9.03	33.03	383	261	P	V
		5145.86	42.48	-11.52	54	34.71	31.75	9.05	33.03	383	261	A	V
	*	5300	114.52	-	-	106.49	31.9	9.16	33.03	383	261	P	V
	*	5300	106.53	-	-	98.5	31.9	9.16	33.03	383	261	A	V
	5401.92	50.67	-23.33	74	42.47	32	9.22	33.02	383	261	P	V	
	5350.32	42.92	-11.08	54	34.81	31.95	9.19	33.03	383	261	A	V	



<b>802.11n</b> <b>HT20</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	117.38	-	-	109.32	31.92	9.17	33.03	100	295	P	H
	*	5320	109.47	-	-	101.41	31.92	9.17	33.03	100	295	A	H
		5350.88	62.19	-11.81	74	54.08	31.95	9.19	33.03	100	295	P	H
		5350.56	52.88	-1.12	54	44.77	31.95	9.19	33.03	100	295	A	H
	*	5320	111.96	-	-	103.9	31.92	9.17	33.03	400	267	P	V
	*	5320	103.86	-	-	95.8	31.92	9.17	33.03	400	267	A	V
		5351.04	58.19	-15.81	74	50.08	31.95	9.19	33.03	400	267	P	V
		5350.08	48.19	-5.81	54	40.08	31.95	9.19	33.03	400	267	A	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10520	59.33	-8.87	68.2	64.91	39.71	15.05	60.34	100	0	P	H
		15780	58.35	-15.65	74	60.27	37.33	18.46	57.71	100	99	P	H
		15780	48.15	-5.85	54	50.07	37.33	18.46	57.71	100	99	A	H
		10520	59.44	-8.76	68.2	65.02	39.71	15.05	60.34	100	0	P	V
		15780	58.91	-15.09	74	60.83	37.33	18.46	57.71	100	59	P	V
		15780	47.9	-6.1	54	49.82	37.33	18.46	57.71	100	59	A	V
802.11n HT20 CH 60 5300MHz		10600	63.41	-10.59	74	69.07	39.78	15.11	60.55	108	271	P	H
		10600	53.01	-0.99	54	58.67	39.78	15.11	60.55	108	271	A	H
		15900	56.71	-17.29	74	58.73	36.99	18.53	57.54	100	99	P	H
		15900	44.73	-9.27	54	46.75	36.99	18.53	57.54	100	99	A	H
		10600	62.52	-11.48	74	68.18	39.78	15.11	60.55	106	242	P	V
		10600	51	-3	54	56.66	39.78	15.11	60.55	106	242	A	V
		15900	58.38	-15.62	74	60.4	36.99	18.53	57.54	100	68	P	V
	15900	46.85	-7.15	54	48.87	36.99	18.53	57.54	100	68	A	V	
802.11n HT20 CH 64 5320MHz		10640	58.7	-15.3	74	64.4	39.81	15.12	60.63	100	0	P	H
		10640	46.93	-7.07	54	52.63	39.81	15.12	60.63	100	0	A	H
		15960	48.88	-25.12	74	50.97	36.8	18.56	57.45	100	0	P	H
		10640	55.42	-18.58	74	61.12	39.81	15.12	60.63	100	82	P	V
		10640	44.49	-9.51	54	50.19	39.81	15.12	60.63	100	82	A	V
		15960	49.4	-24.6	74	51.49	36.8	18.56	57.45	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**WIFI 802.11n 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		5142.46	54.92	-19.08	74	47.15	31.75	9.05	33.03	103	295	P	H
		5149.26	47.68	-6.32	54	39.91	31.75	9.05	33.03	103	295	A	H
	*	5270	117.47	-	-	109.49	31.87	9.14	33.03	103	295	P	H
	*	5270	109.1	-	-	101.12	31.87	9.14	33.03	103	295	A	H
		5365.92	60.41	-13.59	74	52.28	31.97	9.19	33.03	103	295	P	H
		5350.56	51.6	-2.4	54	43.49	31.95	9.19	33.03	103	295	A	H
		5124.78	52.56	-21.44	74	44.83	31.73	9.03	33.03	388	264	P	V
		5140.42	43.81	-10.19	54	36.04	31.75	9.05	33.03	388	264	A	V
	*	5270	111.99	-	-	104.01	31.87	9.14	33.03	388	264	P	V
	*	5270	103.59	-	-	95.61	31.87	9.14	33.03	388	264	A	V
		5350.32	58.59	-15.41	74	50.48	31.95	9.19	33.03	388	264	P	V
		5352.24	44.99	-9.01	54	36.88	31.95	9.19	33.03	388	264	A	V
802.11n HT40 CH 62 5310MHz		5149.26	51.76	-22.24	74	43.99	31.75	9.05	33.03	100	295	P	H
		5147.22	43.86	-10.14	54	36.09	31.75	9.05	33.03	100	295	A	H
	*	5310	108.84	-	-	100.79	31.92	9.16	33.03	100	295	P	H
	*	5310	100.78	-	-	92.73	31.92	9.16	33.03	100	295	A	H
		5350.32	62.4	-11.6	74	54.29	31.95	9.19	33.03	100	295	P	H
		5350.8	52.51	-1.49	54	44.4	31.95	9.19	33.03	100	295	A	H
		5122.06	49.53	-24.47	74	41.81	31.72	9.03	33.03	382	263	P	V
		5147.56	41.72	-12.28	54	33.95	31.75	9.05	33.03	382	263	A	V
	*	5310	103.87	-	-	95.82	31.92	9.16	33.03	382	263	P	V
	*	5310	95.68	-	-	87.63	31.92	9.16	33.03	382	263	A	V
	5351.76	58.69	-15.31	74	50.58	31.95	9.19	33.03	382	263	P	V	
	5350.08	46.39	-7.61	54	38.28	31.95	9.19	33.03	382	263	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n		10540	56.99	-11.21	68.2	62.57	39.73	15.07	60.38	100	0	P	H
HT40		15810	47.91	-26.09	74	49.86	37.23	18.49	57.67	100	0	P	H
CH 54		10540	56.39	-11.81	68.2	61.97	39.73	15.07	60.38	100	0	P	V
5270MHz		15810	48.83	-25.17	74	50.78	37.23	18.49	57.67	100	0	P	V
802.11n		10620	47.61	-26.39	74	53.29	39.8	15.11	60.59	100	0	P	H
HT40		15930	43.37	-30.63	74	45.43	36.89	18.55	57.5	100	0	P	H
CH 62		10620	45.37	-28.63	74	51.05	39.8	15.11	60.59	100	0	P	V
5310MHz		15930	42.42	-31.58	74	44.48	36.89	18.55	57.5	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 58 5290MHz</b>		5133.2	52.03	-21.97	74	44.28	31.73	9.05	33.03	100	297	P	H
		5116.1	44.65	-9.35	54	36.94	31.72	9.03	33.04	100	297	A	H
	*	5290	104.67	-	-	96.66	31.88	9.16	33.03	100	297	P	H
	*	5290	97.25	-	-	89.24	31.88	9.16	33.03	100	297	A	H
		5358	58.09	-15.91	74	49.98	31.95	9.19	33.03	100	297	P	H
		5350.08	51.91	-2.09	54	43.8	31.95	9.19	33.03	100	297	P	H
		5054.6	49.76	-24.24	74	42.16	31.67	8.97	33.04	382	262	P	V
		5102.9	42.88	-11.12	54	35.21	31.7	9.01	33.04	382	262	A	V
	*	5290	99.67	-	-	91.66	31.88	9.16	33.03	382	262	P	V
	*	5290	91.94	-	-	83.93	31.88	9.16	33.03	382	262	A	V
		5360.64	52.77	-21.23	74	44.64	31.97	9.19	33.03	382	262	P	V
	5352	44.77	-9.23	54	36.66	31.95	9.19	33.03	382	262	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10580	45.01	-23.19	68.2	50.66	39.77	15.09	60.51	100	0	P	H
VHT80		15870	42.54	-31.46	74	44.56	37.04	18.51	57.57	100	0	P	H
CH 58		10580	44.44	-23.76	68.2	50.09	39.77	15.09	60.51	100	0	P	V
5290MHz		15870	42.79	-31.21	74	44.81	37.04	18.51	57.57	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 100 5500MHz		5460.08	63.29	-4.91	68.2	54.97	32.05	9.29	33.02	100	296	P	H
		5466	67.35	-0.85	68.2	59.01	32.07	9.29	33.02	100	296	P	H
		5460	50.98	-3.02	54	42.66	32.05	9.29	33.02	100	296	A	H
	*	5500	118.49	-	-	110.04	32.1	9.37	33.02	100	296	P	H
	*	5500	110.82	-	-	102.37	32.1	9.37	33.02	100	296	A	H
		5459.92	55.02	-18.98	74	46.7	32.05	9.29	33.02	347	260	P	V
		5466.32	63.06	-5.14	68.2	54.72	32.07	9.29	33.02	347	260	P	V
		5460	46.19	-7.81	54	37.87	32.05	9.29	33.02	347	260	A	V
	*	5500	114.69	-	-	106.24	32.1	9.37	33.02	347	260	P	V
	*	5500	107	-	-	98.55	32.1	9.37	33.02	347	260	A	V
802.11a CH 116 5580MHz		5450.8	56.4	-17.6	74	48.08	32.05	9.29	33.02	100	298	P	H
		5469.52	56.58	-11.62	68.2	48.24	32.07	9.29	33.02	100	298	P	H
		5458.24	47.91	-6.09	54	39.59	32.05	9.29	33.02	100	298	A	H
	*	5580	119.6	-	-	110.97	32.22	9.48	33.07	100	298	P	H
	*	5580	112.25	-	-	103.62	32.22	9.48	33.07	100	298	A	H
		5725	54.01	-14.19	68.2	44.83	32.5	9.81	33.13	100	298	P	H
		5450.8	51.83	-22.17	74	43.51	32.05	9.29	33.02	361	267	P	V
		5466.4	52.32	-15.88	68.2	43.98	32.07	9.29	33.02	361	267	P	V
		5459.92	43.7	-10.3	54	35.38	32.05	9.29	33.02	361	267	A	V
	*	5580	114.93	-	-	106.3	32.22	9.48	33.07	361	267	P	V
	*	5580	107.87	-	-	99.24	32.22	9.48	33.07	361	267	A	V
		5759.96	51	-17.2	68.2	41.64	32.57	9.95	33.16	361	267	P	V





<b>802.11a CH 140 5700MHz</b>	*	5700	115.03	-	-	105.96	32.44	9.75	33.12	100	296	P	H
	*	5700	107.27	-	-	98.2	32.44	9.75	33.12	100	296	A	H
		5725.24	67.36	-0.84	68.2	58.18	32.5	9.81	33.13	100	296	P	H
	*	5700	112.64	-	-	103.57	32.44	9.75	33.12	374	271	P	V
	*	5700	105.14	-	-	96.07	32.44	9.75	33.12	374	271	A	V
		5725.48	61.36	-6.84	68.2	52.18	32.5	9.81	33.13	374	271	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
<b>802.11a CH 100 5500MHz</b>		11000	61.92	-12.08	74	67.94	40.1	15.38	61.5	100	60	P	H
		11000	51.65	-2.35	54	57.67	40.1	15.38	61.5	100	60	A	H
		16500	48.32	-19.88	68.2	48.08	38.5	19.04	57.3	100	0	P	H
		11000	60.68	-13.32	74	66.7	40.1	15.38	61.5	100	298	P	V
		11000	50.17	-3.83	54	56.19	40.1	15.38	61.5	100	298	A	V
		16500	49.77	-18.43	68.2	49.53	38.5	19.04	57.3	100	0	P	V
<b>802.11a CH 116 5580MHz</b>		11160	63.57	-10.43	74	69.54	40.07	15.49	61.53	100	60	P	H
		11160	53.28	-0.72	54	59.25	40.07	15.49	61.53	100	60	A	H
		16740	54.55	-13.65	68.2	53.04	39.08	19.25	56.82	100	0	P	H
		11160	60.58	-13.42	74	66.55	40.07	15.49	61.53	100	83	P	V
		11160	49.64	-4.36	54	55.61	40.07	15.49	61.53	100	83	A	V
		16740	53.68	-14.52	68.2	52.17	39.08	19.25	56.82	100	0	P	V
<b>802.11a CH 140 5700MHz</b>		11400	55.69	-18.31	74	61.59	40.02	15.66	61.58	100	275	P	H
		11400	44.82	-9.18	54	50.72	40.02	15.66	61.58	100	275	A	H
		17100	49.82	-18.38	68.2	46.31	40.06	19.53	56.08	100	0	P	H
		11400	53.65	-20.35	74	59.55	40.02	15.66	61.58	100	229	P	V
		11400	42.98	-11.02	54	48.88	40.02	15.66	61.58	100	229	A	V
		17100	49	-19.2	68.2	45.49	40.06	19.53	56.08	100	0	P	V
<b>Remark</b>	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		5458.64	67.27	-6.73	74	58.95	32.05	9.29	33.02	100	298	P	H
		5469.84	67.29	-0.91	68.2	58.95	32.07	9.29	33.02	100	298	P	H
		5460	53.19	-0.81	54	44.87	32.05	9.29	33.02	100	298	A	H
	*	5500	117.99	-	-	109.54	32.1	9.37	33.02	100	298	P	H
	*	5500	110.25	-	-	101.8	32.1	9.37	33.02	100	298	A	H
		5457.84	56.45	-17.55	74	48.13	32.05	9.29	33.02	356	260	P	V
		5468.88	63.79	-4.41	68.2	55.45	32.07	9.29	33.02	356	260	P	V
		5458.8	47.42	-6.58	54	39.1	32.05	9.29	33.02	356	260	A	V
	*	5500	114.01	-	-	105.56	32.1	9.37	33.02	356	260	P	V
	*	5500	106.03	-	-	97.58	32.1	9.37	33.02	356	260	A	V
802.11n HT20 CH 116 5580MHz		5450.8	53.75	-20.25	74	45.43	32.05	9.29	33.02	100	293	P	H
		5465.68	54.93	-13.27	68.2	46.59	32.07	9.29	33.02	100	293	P	H
		5451.28	45.93	-8.07	54	37.61	32.05	9.29	33.02	100	293	A	H
	*	5580	118.83	-	-	110.2	32.22	9.48	33.07	100	293	P	H
	*	5580	110.92	-	-	102.29	32.22	9.48	33.07	100	293	A	H
		5741.69	52.68	-15.52	68.2	43.42	32.53	9.88	33.15	100	293	P	H
		5439.04	51.12	-22.88	74	42.85	32.03	9.26	33.02	327	261	P	V
		5467.36	51.97	-16.23	68.2	43.63	32.07	9.29	33.02	327	261	P	V
		5453.44	42.26	-11.74	54	33.94	32.05	9.29	33.02	327	261	A	V
	*	5580	114.68	-	-	106.05	32.22	9.48	33.07	327	261	P	V
	*	5580	107.09	-	-	98.46	32.22	9.48	33.07	327	261	A	V
	5738.855	51.93	-16.27	68.2	42.67	32.53	9.88	33.15	327	261	P	V	



<b>802.11n</b> <b>HT20</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	115.84	-	-	106.77	32.44	9.75	33.12	111	294	P	H
	*	5700	107.72	-	-	98.65	32.44	9.75	33.12	111	294	A	H
		5725.48	67.35	-0.85	68.2	58.17	32.5	9.81	33.13	111	294	P	H
	*	5700	111.77	-	-	102.7	32.44	9.75	33.12	332	260	P	V
	*	5700	104.14	-	-	95.07	32.44	9.75	33.12	332	260	A	V
		5727.72	66.95	-1.25	68.2	57.77	32.5	9.81	33.13	332	260	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11000	62.69	-11.31	74	68.71	40.1	15.38	61.5	100	0	P	H
		11000	51.83	-2.17	54	57.85	40.1	15.38	61.5	100	0	A	H
		16500	52.68	-15.52	68.2	52.44	38.5	19.04	57.3	100	0	P	H
		11000	59.8	-14.2	74	65.82	40.1	15.38	61.5	100	84	P	V
		11000	49.82	-4.18	54	55.84	40.1	15.38	61.5	100	84	A	V
		16500	50.33	-17.87	68.2	50.09	38.5	19.04	57.3	100	0	P	V
802.11n HT20 CH 116 5580MHz		11160	64.71	-9.29	74	70.68	40.07	15.49	61.53	100	60	P	H
		11160	53.24	-0.76	54	59.21	40.07	15.49	61.53	100	60	A	H
		16740	55.48	-12.72	68.2	53.97	39.08	19.25	56.82	100	0	P	H
		11160	60.61	-13.39	74	66.58	40.07	15.49	61.53	105	84	P	V
		11160	49.66	-4.34	54	55.63	40.07	15.49	61.53	105	84	A	V
		16740	57.34	-10.86	68.2	55.83	39.08	19.25	56.82	100	0	P	V
802.11n HT20 CH 140 5700MHz		11400	56.93	-17.07	74	62.83	40.02	15.66	61.58	100	54	P	H
		11400	45.52	-8.48	54	51.42	40.02	15.66	61.58	100	54	A	H
		17100	51.63	-16.57	68.2	48.12	40.06	19.53	56.08	100	0	P	H
		11400	54.44	-19.56	74	60.34	40.02	15.66	61.58	100	37	P	V
		11400	43.39	-10.61	54	49.29	40.02	15.66	61.58	100	37	A	V
		17100	48.24	-19.96	68.2	44.73	40.06	19.53	56.08	100	0	P	V
<b>Remark</b>	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		5459.2	61.91	-12.09	74	53.59	32.05	9.29	33.02	100	297	P	H
		5464.24	67.11	-1.09	68.2	58.77	32.07	9.29	33.02	100	297	P	H
		5458.72	53.48	-0.52	54	45.16	32.05	9.29	33.02	100	297	A	H
	*	5510	111.74	-	-	103.3	32.1	9.37	33.03	100	297	P	H
	*	5510	103.09	-	-	94.65	32.1	9.37	33.03	100	297	A	H
		5762.795	50.65	-17.55	68.2	41.29	32.57	9.95	33.16	100	297	P	H
		5454.64	54.79	-19.21	74	46.47	32.05	9.29	33.02	352	259	P	V
		5464.72	58.25	-9.95	68.2	49.91	32.07	9.29	33.02	352	259	P	V
		5459.68	47.21	-6.79	54	38.89	32.05	9.29	33.02	352	259	A	V
	*	5510	106.34	-	-	97.9	32.1	9.37	33.03	352	259	P	V
	*	5510	98.64	-	-	90.2	32.1	9.37	33.03	352	259	A	V
		5741.06	50.02	-18.18	68.2	40.76	32.53	9.88	33.15	352	259	P	V
802.11n HT40 CH 110 5550MHz		5452	59.79	-14.21	74	51.47	32.05	9.29	33.02	100	297	P	H
		5461.6	61.8	-6.4	68.2	53.48	32.05	9.29	33.02	100	297	P	H
		5459.44	50.96	-3.04	54	42.64	32.05	9.29	33.02	100	297	A	H
	*	5550	115.92	-	-	107.34	32.19	9.44	33.05	100	297	P	H
	*	5550	107.49	-	-	98.91	32.19	9.44	33.05	100	297	A	H
		5757.755	51.3	-16.9	68.2	41.94	32.57	9.95	33.16	100	297	P	H
		5447.92	55.98	-18.02	74	47.66	32.05	9.29	33.02	365	258	P	V
		5460.16	57.35	-10.85	68.2	49.03	32.05	9.29	33.02	365	258	P	V
		5458.96	46.49	-7.51	54	38.17	32.05	9.29	33.02	365	258	A	V
	*	5550	111.39	-	-	102.81	32.19	9.44	33.05	365	258	P	V
	*	5550	103.26	-	-	94.68	32.19	9.44	33.05	365	258	A	V
		5747.36	50.89	-17.31	68.2	41.63	32.53	9.88	33.15	365	258	P	V



<b>802.11n</b> <b>HT40</b> <b>CH 134</b> <b>5670MHz</b>		5434	52.02	-21.98	74	43.75	32.03	9.26	33.02	351	294	P	H
		5470	51.44	-16.76	68.2	43.1	32.07	9.29	33.02	351	294	P	H
		5459.55	44.55	-9.45	54	36.23	32.05	9.29	33.02	351	294	A	H
	*	5670	114.34	-	-	105.36	32.41	9.68	33.11	351	294	P	H
	*	5670	106.03	-	-	97.05	32.41	9.68	33.11	351	294	A	H
		5725.975	67.35	-0.85	68.2	58.17	32.5	9.81	33.13	351	294	P	H
		5425.25	49.49	-24.51	74	41.23	32.02	9.26	33.02	354	257	P	V
		5465.15	48.25	-19.95	68.2	39.91	32.07	9.29	33.02	354	257	P	V
		5458.85	41.49	-12.51	54	33.17	32.05	9.29	33.02	354	257	A	V
	*	5670	111.24	-	-	102.26	32.41	9.68	33.11	354	257	P	V
	*	5670	102.68	-	-	93.7	32.41	9.68	33.11	354	257	A	V
		5727.2	64.7	-3.5	68.2	55.52	32.5	9.81	33.13	354	257	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	54.09	-19.91	74	60.09	40.1	15.4	61.5	100	59	P	H
		11020	44.93	-9.07	54	50.93	40.1	15.4	61.5	100	59	A	H
		16530	45.98	-22.22	68.2	45.57	38.58	19.06	57.23	100	0	P	H
													H
		11020	49.14	-24.86	74	55.14	40.1	15.4	61.5	100	0	P	V
		16530	44.8	-23.4	68.2	44.39	38.58	19.06	57.23	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	61.04	-12.96	74	67.03	40.08	15.45	61.52	100	59	P	H
		11100	51.33	-2.67	54	57.32	40.08	15.45	61.52	100	59	A	H
		16650	49.77	-18.43	68.2	48.72	38.87	19.17	56.99	100	0	P	H
													H
		11100	56.96	-17.04	74	62.95	40.08	15.45	61.52	100	83	P	V
		11100	49.13	-4.87	54	55.12	40.08	15.45	61.52	100	83	A	V
		16650	49.56	-18.64	68.2	48.51	38.87	19.17	56.99	100	0	P	V
802.11n HT40 CH 134 5670MHz		11340	59.67	-14.33	74	65.59	40.03	15.62	61.57	100	60	P	H
		11340	49.52	-4.48	54	55.44	40.03	15.62	61.57	100	60	A	H
		17010	49.92	-18.28	68.2	46.94	39.76	19.48	56.26	100	0	P	H
													H
		11340	53.6	-20.4	74	59.52	40.03	15.62	61.57	100	231	P	V
		11340	44.3	-9.7	54	50.22	40.03	15.62	61.57	100	231	A	V
		17010	49.95	-18.25	68.2	46.97	39.76	19.48	56.26	100	0	P	V
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





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

WIFI Ant. 1+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)
<b>802.11ac VHT80 CH 106 5530MHz</b>		5459.68	59.22	-14.78	74	50.9	32.05	9.29	33.02	103	294	P	H
		5466.4	58.76	-9.44	68.2	50.42	32.07	9.29	33.02	103	294	P	H
		5457.04	51.53	-2.47	54	43.21	32.05	9.29	33.02	103	294	A	H
	*	5530	104.09	-	-	95.6	32.13	9.41	33.05	103	294	P	H
	*	5530	96.69	-	-	88.2	32.13	9.41	33.05	103	294	A	H
		5742.635	49.05	-19.15	68.2	39.79	32.53	9.88	33.15	103	294	P	H
		5455.12	53.44	-20.56	74	45.12	32.05	9.29	33.02	351	264	P	V
		5468.32	56.58	-11.62	68.2	48.24	32.07	9.29	33.02	351	264	P	V
		5459.68	46.02	-7.98	54	37.7	32.05	9.29	33.02	351	264	A	V
	*	5530	100.08	-	-	91.59	32.13	9.41	33.05	351	264	P	V
	*	5530	92.5	-	-	84.01	32.13	9.41	33.05	351	264	A	V
		5746.415	48.8	-19.4	68.2	39.54	32.53	9.88	33.15	351	264	P	V
<b>802.11ac VHT80 CH 122 5610MHz</b>		5454.65	56.9	-17.1	74	48.58	32.05	9.29	33.02	100	293	P	H
		5464.1	60.24	-7.96	68.2	51.9	32.07	9.29	33.02	100	293	P	H
		5453.6	52.35	-1.65	54	44.03	32.05	9.29	33.02	100	293	A	H
	*	5610	111.25	-	-	102.49	32.29	9.55	33.08	100	293	P	H
	*	5610	103.81	-	-	95.05	32.29	9.55	33.08	100	293	A	H
		5726.325	62.1	-6.1	68.2	52.92	32.5	9.81	33.13	100	293	P	H
		5456.75	53.85	-20.15	74	45.53	32.05	9.29	33.02	362	264	P	V
		5461.65	52.77	-15.43	68.2	44.45	32.05	9.29	33.02	362	264	P	V
		5458.15	47.66	-6.34	54	39.34	32.05	9.29	33.02	362	264	A	V
	*	5610	107.06	-	-	98.3	32.29	9.55	33.08	362	264	P	V
	*	5610	100.21	-	-	91.45	32.29	9.55	33.08	362	264	A	V
		5728.95	58	-10.2	68.2	48.82	32.5	9.81	33.13	362	264	P	V
<b>Remark</b>	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac VHT80 CH 106 5530MHz		11060	46.64	-27.36	74	52.64	40.09	15.42	61.51	100	0	P	H
		16590	44.52	-23.68	68.2	43.83	38.71	19.11	57.13	100	0	P	H
													H
													H
802.11ac VHT80 CH 122 5610MHz		11060	46.67	-27.33	74	52.67	40.09	15.42	61.51	100	0	P	V
		16590	45.08	-23.12	68.2	44.39	38.71	19.11	57.13	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	56.25	-17.75	74	62.19	40.06	15.54	61.54	100	49	P	H
		11220	48.72	-5.28	54	54.66	40.06	15.54	61.54	100	49	A	H
		16830	46.35	-21.85	68.2	44.37	39.29	19.33	56.64	100	0	P	H
													H
802.11ac VHT80 CH 122 5610MHz		11220	49.99	-24.01	74	55.93	40.06	15.54	61.54	100	0	P	V
		16830	47.12	-21.08	68.2	45.14	39.29	19.33	56.64	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

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 144 5720MHz		5407.33	51.74	-22.26	74	43.54	32	9.22	33.02	100	297	P	H
		5467.39	50.82	-17.38	68.2	42.48	32.07	9.29	33.02	100	297	P	H
		5458.81	43.1	-10.9	54	34.78	32.05	9.29	33.02	100	297	A	H
	*	5720	121	-	-	111.82	32.5	9.81	33.13	100	297	P	H
	*	5720	113.27	-	-	104.09	32.5	9.81	33.13	100	297	A	H
		5861	54.25	-13.95	68.2	44.69	32.75	10.02	33.21	100	297	P	H
		5422.93	49.58	-24.42	74	41.32	32.02	9.26	33.02	376	261	P	V
		5468.56	50.36	-17.84	68.2	42.02	32.07	9.29	33.02	376	261	P	V
		5458.03	40.83	-13.17	54	32.51	32.05	9.29	33.02	376	261	A	V
	*	5720	118.38	-	-	109.2	32.5	9.81	33.13	376	261	P	V
	*	5720	110.36	-	-	101.18	32.5	9.81	33.13	376	261	A	V
		5877	51.74	-16.46	68.2	42.15	32.78	10.02	33.21	376	261	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include test data for 802.11a CH 144 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)
<b>802.11n HT20 CH 144 5720MHz</b>		5424.49	51.49	-22.51	74	43.23	32.02	9.26	33.02	100	293	P	H
		5463.49	51	-17.2	68.2	42.66	32.07	9.29	33.02	100	293	P	H
		5459.2	42.29	-11.71	54	33.97	32.05	9.29	33.02	100	293	A	H
	*	5720	119.64	-	-	110.46	32.5	9.81	33.13	100	293	P	H
	*	5720	111.54	-	-	102.36	32.5	9.81	33.13	100	293	A	H
		5866	52.72	-15.48	68.2	43.16	32.75	10.02	33.21	100	293	P	H
		5450.23	49.31	-24.69	74	40.99	32.05	9.29	33.02	350	264	P	V
		5470	47.53	-20.67	68.2	39.19	32.07	9.29	33.02	350	264	P	V
		5452.18	40.24	-13.76	54	31.92	32.05	9.29	33.02	350	264	A	V
	*	5720	116.38	-	-	107.2	32.5	9.81	33.13	350	264	P	V
	*	5720	108.25	-	-	99.07	32.5	9.81	33.13	350	264	A	V
		5854.75	51.38	-16.82	68.2	41.8	32.75	10.02	33.19	350	264	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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		11440	62.5	-11.5	74	68.4	40.01	15.68	61.59	100	47	P	H
		11440	51.62	-2.38	54	57.52	40.01	15.68	61.59	100	47	A	H
		17160	57.87	-10.33	68.2	53.94	40.3	19.56	55.93	100	0	P	H
		11440	60.31	-13.69	74	66.21	40.01	15.68	61.59	100	57	P	V
		11440	49.05	-4.95	54	54.95	40.01	15.68	61.59	100	57	A	V
		17160	54.41	-13.79	68.2	50.48	40.3	19.56	55.93	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel**  
**WIFI 802.11n 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 )
<b>802.11n HT40 CH 142 5710MHz</b>		5449.45	50.53	-23.47	74	42.21	32.05	9.29	33.02	100	295	P	H
		5464.66	51.93	-16.27	68.2	43.59	32.07	9.29	33.02	100	295	P	H
		5454.52	43.4	-10.6	54	35.08	32.05	9.29	33.02	100	295	A	H
	*	5710	116.24	-	-	107.09	32.47	9.81	33.13	100	295	P	H
	*	5710	107.91	-	-	98.76	32.47	9.81	33.13	100	295	A	H
		5887	53.5	-14.7	68.2	43.92	32.78	10.02	33.22	100	295	P	H
		5448.28	48.79	-25.21	74	40.47	32.05	9.29	33.02	384	259	P	V
		5463.88	48.69	-19.51	68.2	40.35	32.07	9.29	33.02	384	259	P	V
		5445.94	41.3	-12.7	54	32.98	32.05	9.29	33.02	384	259	A	V
	*	5710	112.97	-	-	103.82	32.47	9.81	33.13	384	259	P	V
	*	5710	104.55	-	-	95.4	32.47	9.81	33.13	384	259	A	V
	5874.5	52.74	-15.46	68.2	43.15	32.78	10.02	33.21	384	259	P	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+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		11420	59.9	-14.1	74	65.79	40.02	15.67	61.58	103	270	P	H
		11420	50.62	-3.38	54	56.51	40.02	15.67	61.58	103	270	A	H
		17130	53.98	-14.22	68.2	50.26	40.18	19.55	56.01	100	0	P	H
		11420	56.98	-17.02	74	62.87	40.02	15.67	61.58	100	59	P	V
		11420	47.35	-6.65	54	53.24	40.02	15.67	61.58	100	59	A	V
		17130	51.35	-16.85	68.2	47.63	40.18	19.55	56.01	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 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 test data for 802.11ac VHT80 CH 138 5690MHz and a Remark section.



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

Table with 14 columns: WIFI Ant., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include test results for 802.11ac VHT80 CH 138 at 5690MHz and a Remark section.



Emission below 1GHz

WIFI 802.11n HT40 (LF @ 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 LF		61.05	34.45	-5.55	40	54.35	11.55	1.04	32.49	100	0	P	H
		215.22	29.83	-13.67	43.5	45.4	15.04	1.78	32.39	-	-	P	H
		234.12	31.99	-14.01	46	45.94	16.41	2.02	32.38	-	-	P	H
		880.3	31.9	-14.1	46	30.67	29.1	3.89	31.76	-	-	P	H
		922.3	32.29	-13.71	46	30.39	29.41	3.95	31.46	-	-	P	H
		942.6	33.68	-12.32	46	30.75	30.2	3.99	31.26	-	-	P	H
		54.03	28.51	-11.49	40	47.36	12.61	1.03	32.49	-	-	P	V
		61.05	29.7	-10.3	40	49.6	11.55	1.04	32.49	100	0	P	V
		134.49	28.87	-14.63	43.5	42.62	17.14	1.56	32.45	-	-	P	V
		813.1	30.9	-15.1	46	31.43	27.89	3.69	32.11	-	-	P	V
		874	31.88	-14.12	46	30.77	29.09	3.82	31.8	-	-	P	V
		952.4	33.43	-12.57	46	29.83	30.71	4.07	31.18	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<TXBF Mode>

Band 1 - 5150~5250MHz

WIFI 802.11ac VHT20 (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 VHT20 CH 36 5180MHz		5149.24	62.87	-11.13	74	55.1	31.75	9.05	33.03	100	295	P	H
		5150	52.97	-1.03	54	45.2	31.75	9.05	33.03	100	295	A	H
	*	5180	117.51	-	-	109.69	31.78	9.07	33.03	100	295	P	H
	*	5180	109.24	-	-	101.42	31.78	9.07	33.03	100	295	A	H
		5150	58.75	-15.25	74	50.98	31.75	9.05	33.03	381	261	P	V
		5150	47.72	-6.28	54	39.95	31.75	9.05	33.03	381	261	A	V
	*	5180	112.21	-	-	104.39	31.78	9.07	33.03	381	261	P	V
	*	5180	103.78	-	-	95.96	31.78	9.07	33.03	381	261	A	V
802.11ac VHT20 CH 44 5220MHz		5149.24	57.54	-16.46	74	49.77	31.75	9.05	33.03	100	297	P	H
		5149.5	47.89	-6.11	54	40.12	31.75	9.05	33.03	100	297	A	H
	*	5220	120.1	-	-	112.2	31.82	9.11	33.03	100	297	P	H
	*	5220	113.05	-	-	105.15	31.82	9.11	33.03	100	297	A	H
		5398.45	52.66	-21.34	74	44.46	32	9.22	33.02	100	297	P	H
		5350.12	43.92	-10.08	54	35.81	31.95	9.19	33.03	100	297	A	H
		5108.68	51.26	-22.74	74	43.55	31.72	9.03	33.04	397	260	P	V
		5108.94	43.09	-10.91	54	35.38	31.72	9.03	33.04	397	260	A	V
	*	5220	115.31	-	-	107.41	31.82	9.11	33.03	397	260	P	V
	*	5220	108.33	-	-	100.43	31.82	9.11	33.03	397	260	A	V
	5350.93	50.65	-23.35	74	42.54	31.95	9.19	33.03	397	260	P	V	
	5351.47	40.89	-13.11	54	32.78	31.95	9.19	33.03	397	260	A	V	



<b>802.11ac</b> <b>VHT20</b> <b>CH 48</b> <b>5240MHz</b>		5150	54.47	-19.53	74	46.7	31.75	9.05	33.03	100	296	P	H
		5128.7	47.03	-6.97	54	39.3	31.73	9.03	33.03	100	296	A	H
	*	5240	120.09	-	-	112.17	31.83	9.12	33.03	100	296	P	H
	*	5240	112.54	-	-	104.62	31.83	9.12	33.03	100	296	A	H
		5364.97	52.78	-21.22	74	44.65	31.97	9.19	33.03	100	296	P	H
		5351.74	45.4	-8.6	54	37.29	31.95	9.19	33.03	100	296	A	H
		5076.18	51.31	-22.69	74	43.68	31.68	8.99	33.04	394	262	P	V
		5128.7	43.16	-10.84	54	35.43	31.73	9.03	33.03	394	262	A	V
	*	5240	115.16	-	-	107.24	31.83	9.12	33.03	394	262	P	V
	*	5240	107.88	-	-	99.96	31.83	9.12	33.03	394	262	A	V
		5353.9	49.71	-24.29	74	41.6	31.95	9.19	33.03	394	262	P	V
		5351.47	41.73	-12.27	54	33.62	31.95	9.19	33.03	394	262	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT20		10360	59.04	-9.16	68.2	64.6	39.51	14.94	60.01	100	0	P	H
		15540	47.14	-26.86	74	48.85	38	18.34	58.05	100	0	P	H
5180MHz CH 36		10360	57.91	-10.29	68.2	63.47	39.51	14.94	60.01	100	49	P	V
		15540	49.49	-24.51	74	51.2	38	18.34	58.05	100	0	P	V
802.11ac VHT20 CH 44		10440	58.03	-10.17	68.2	63.58	39.61	14.99	60.15	100	0	P	H
		15660	59.19	-14.81	74	60.99	37.67	18.41	57.88	107	104	P	H
		15660	48.38	-5.62	54	50.18	37.67	18.41	57.88	107	104	A	H
		10440	57.59	-10.61	68.2	63.14	39.61	14.99	60.15	100	0	P	V
5220MHz		15660	59	-15	74	60.8	37.67	18.41	57.88	100	71	P	V
		15660	48.22	-5.78	54	50.02	37.67	18.41	57.88	100	71	A	V
802.11ac VHT20 CH 48		10480	59.09	-9.11	68.2	64.64	39.68	15.03	60.26	100	0	P	H
		15720	57.79	-16.21	74	59.68	37.47	18.43	57.79	106	102	P	H
		15720	46.68	-7.32	54	48.57	37.47	18.43	57.79	106	102	A	H
		10480	56.94	-11.26	68.2	62.49	39.68	15.03	60.26	100	0	P	V
		15720	59.4	-14.6	74	61.29	37.47	18.43	57.79	100	68	P	V
		15720	48.64	-5.36	54	50.53	37.47	18.43	57.79	100	68	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (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 VHT40 CH 38 5190MHz		5146.12	60.89	-13.11	74	53.12	31.75	9.05	33.03	100	295	P	H
		5150	52.75	-1.25	54	44.98	31.75	9.05	33.03	100	295	A	H
	*	5190	109.04	-	-	101.2	31.78	9.09	33.03	100	295	P	H
	*	5190	101.83	-	-	93.99	31.78	9.09	33.03	100	295	A	H
		5395.04	50.19	-23.81	74	41.99	32	9.22	33.02	100	295	P	H
		5369.56	41.78	-12.22	54	33.64	31.97	9.2	33.03	100	295	A	H
		5146.12	55.05	-18.95	74	47.28	31.75	9.05	33.03	381	262	P	V
		5149.24	46.66	-7.34	54	38.89	31.75	9.05	33.03	381	262	A	V
	*	5190	103.7	-	-	95.86	31.78	9.09	33.03	381	262	P	V
	*	5190	96.04	-	-	88.2	31.78	9.09	33.03	381	262	A	V
		5447.96	48.56	-25.44	74	40.24	32.05	9.29	33.02	381	262	P	V
		5438.44	40.7	-13.3	54	32.43	32.03	9.26	33.02	381	262	A	V
802.11ac VHT40 CH 46 5230MHz		5145.6	60.09	-13.91	74	52.32	31.75	9.05	33.03	100	297	P	H
		5149.5	52.56	-1.44	54	44.79	31.75	9.05	33.03	100	297	A	H
	*	5230	115.84	-	-	107.93	31.83	9.11	33.03	100	297	P	H
	*	5230	108.44	-	-	100.53	31.83	9.11	33.03	100	297	A	H
		5352.2	54.6	-19.4	74	46.49	31.95	9.19	33.03	100	297	P	H
		5350	45.55	-8.45	54	37.44	31.95	9.19	33.03	100	297	A	H
		5148.72	53.82	-20.18	74	46.05	31.75	9.05	33.03	399	264	P	V
		5150	46.26	-7.74	54	38.49	31.75	9.05	33.03	399	264	A	V
	*	5230	110.87	-	-	102.96	31.83	9.11	33.03	399	264	P	V
	*	5230	103.98	-	-	96.07	31.83	9.11	33.03	399	264	A	V
	5386.08	50.17	-23.83	74	42.01	31.98	9.2	33.02	399	264	P	V	
	5351.36	42.37	-11.63	54	34.26	31.95	9.19	33.03	399	264	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10380	45.53	-22.67	68.2	51.08	39.54	14.95	60.04	100	0	P	H
VHT40		15570	42.77	-31.23	74	44.5	37.91	18.36	58	100	0	P	H
CH 38		10380	45.82	-22.38	68.2	51.37	39.54	14.95	60.04	100	0	P	V
5190MHz		15570	43.87	-30.13	74	45.6	37.91	18.36	58	100	0	P	V
802.11ac		10460	53.91	-14.29	68.2	59.47	39.63	15	60.19	100	0	P	H
VHT40		15690	47.17	-26.83	74	49.02	37.57	18.41	57.83	100	0	P	H
CH 46		10460	52.98	-15.22	68.2	58.54	39.63	15	60.19	100	0	P	V
5230MHz		15690	46.88	-27.12	74	48.73	37.57	18.41	57.83	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**Band 1 5150~5250MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 42 5210MHz</b>		5135.2	58.8	-15.2	74	51.05	31.73	9.05	33.03	100	294	P	H
		5140.92	52.39	-1.61	54	44.62	31.75	9.05	33.03	100	294	A	H
	*	5210	104.04	-	-	96.16	31.82	9.09	33.03	100	294	P	H
	*	5210	96.01	-	-	88.13	31.82	9.09	33.03	100	294	A	H
		5396.04	49.52	-24.48	74	41.32	32	9.22	33.02	100	294	P	H
		5363.8	42.82	-11.18	54	34.69	31.97	9.19	33.03	100	294	A	H
		5141.18	52.19	-21.81	74	44.42	31.75	9.05	33.03	400	270	P	V
		5149.76	45.95	-8.05	54	38.18	31.75	9.05	33.03	400	270	A	V
	*	5210	99.18	-	-	91.3	31.82	9.09	33.03	400	270	P	V
	*	5210	92.13	-	-	84.25	31.82	9.09	33.03	400	270	A	V
		5421.52	48.56	-25.44	74	40.3	32.02	9.26	33.02	400	270	P	V
	5429.58	41.92	-12.08	54	33.65	32.03	9.26	33.02	400	270	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10420	43.5	-24.7	68.2	49.06	39.58	14.98	60.12	100	0	P	H
VHT80		15630	42.95	-31.05	74	44.76	37.71	18.39	57.91	100	0	P	H
CH 42		10420	44.77	-23.43	68.2	50.33	39.58	14.98	60.12	100	0	P	V
5210MHz		15630	43.63	-30.37	74	45.44	37.71	18.39	57.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT20 CH 52 5260MHz		5130.9	54.98	-19.02	74	47.25	31.73	9.03	33.03	100	296	P	H
		5148.24	47.57	-6.43	54	39.8	31.75	9.05	33.03	100	296	A	H
	*	5260	120.13	-	-	112.17	31.87	9.12	33.03	100	296	P	H
	*	5260	113.26	-	-	105.3	31.87	9.12	33.03	100	296	A	H
		5354.88	55.23	-18.77	74	47.12	31.95	9.19	33.03	100	296	P	H
		5352.24	45.67	-8.33	54	37.56	31.95	9.19	33.03	100	296	A	H
		5141.78	52.13	-21.87	74	44.36	31.75	9.05	33.03	345	260	P	V
		5148.24	42.95	-11.05	54	35.18	31.75	9.05	33.03	345	260	A	V
	*	5260	115.91	-	-	107.95	31.87	9.12	33.03	345	260	P	V
	*	5260	107.6	-	-	99.64	31.87	9.12	33.03	345	260	A	V
		5436.72	49.58	-24.42	74	41.31	32.03	9.26	33.02	345	260	P	V
		5350.08	41.35	-12.65	54	33.24	31.95	9.19	33.03	345	260	A	V
802.11ac VHT20 CH 60 5300MHz		5148.24	55.27	-18.73	74	47.5	31.75	9.05	33.03	105	296	P	H
		5149.26	45.85	-8.15	54	38.08	31.75	9.05	33.03	105	296	A	H
	*	5300	119.97	-	-	111.94	31.9	9.16	33.03	105	296	P	H
	*	5300	112.37	-	-	104.34	31.9	9.16	33.03	105	296	A	H
		5355.6	56.09	-17.91	74	47.98	31.95	9.19	33.03	105	296	P	H
		5350.8	48.72	-5.28	54	40.61	31.95	9.19	33.03	105	296	A	H
		5001.02	50.55	-23.45	74	43.06	31.6	8.93	33.04	383	260	P	V
		5147.56	42.68	-11.32	54	34.91	31.75	9.05	33.03	383	260	A	V
	*	5300	114.83	-	-	106.8	31.9	9.16	33.03	383	260	P	V
	*	5300	106.93	-	-	98.9	31.9	9.16	33.03	383	260	A	V
	5357.28	52.09	-21.91	74	43.98	31.95	9.19	33.03	383	260	P	V	
	5350.08	43.93	-10.07	54	35.82	31.95	9.19	33.03	383	260	A	V	



<b>802.11ac</b> <b>VHT20</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	117.49	-	-	109.43	31.92	9.17	33.03	100	293	P	H
	*	5320	110.7	-	-	102.64	31.92	9.17	33.03	100	293	A	H
		5353.92	63.09	-10.91	74	54.98	31.95	9.19	33.03	100	293	P	H
		5350.08	53.2	-0.8	54	45.09	31.95	9.19	33.03	100	293	A	H
	*	5320	112.72	-	-	104.66	31.92	9.17	33.03	400	256	P	V
	*	5320	105.45	-	-	97.39	31.92	9.17	33.03	400	256	A	V
		5350.08	56.02	-17.98	74	47.91	31.95	9.19	33.03	400	256	P	V
		5351.36	49.02	-4.98	54	40.91	31.95	9.19	33.03	400	256	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT20 CH 52 5260MHz		10520	59.92	-8.28	68.2	65.5	39.71	15.05	60.34	100	0	P	H
		15780	57.24	-16.76	74	59.16	37.33	18.46	57.71	105	104	P	H
		15780	46.41	-7.59	54	48.33	37.33	18.46	57.71	105	104	A	H
		10520	57.66	-10.54	68.2	63.24	39.71	15.05	60.34	100	0	P	V
		15780	57.11	-16.89	74	59.03	37.33	18.46	57.71	100	63	P	V
		15780	46.13	-7.87	54	48.05	37.33	18.46	57.71	100	63	A	V
802.11ac VHT20 CH 60 5300MHz		10600	62.94	-11.06	74	68.6	39.78	15.11	60.55	103	274	P	H
		10600	52.84	-1.16	54	58.5	39.78	15.11	60.55	103	274	A	H
		15900	49.11	-24.89	74	51.13	36.99	18.53	57.54	100	0	P	H
		10600	61.59	-12.41	74	67.25	39.78	15.11	60.55	100	247	P	V
		10600	51.04	-2.96	54	56.7	39.78	15.11	60.55	100	247	A	V
		15900	57.68	-16.32	74	59.7	36.99	18.53	57.54	101	68	P	V
802.11ac VHT20 CH 64 5320MHz		10640	59.05	-14.95	74	64.75	39.81	15.12	60.63	100	276	P	H
		10640	49.36	-4.64	54	55.06	39.81	15.12	60.63	100	276	A	H
		15960	48.3	-25.7	74	50.39	36.8	18.56	57.45	100	0	P	H
		10640	58.46	-15.54	74	64.16	39.81	15.12	60.63	105	239	P	V
		10640	47.62	-6.38	54	53.32	39.81	15.12	60.63	105	239	A	V
		15960	53.35	-20.65	74	55.44	36.8	18.56	57.45	100	67	P	V
		15960	43.1	-10.9	54	45.19	36.8	18.56	57.45	100	67	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (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 VHT40 CH 54 5270MHz		5146.2	58.44	-15.56	74	50.67	31.75	9.05	33.03	100	296	P	H
		5148.58	48.2	-5.8	54	40.43	31.75	9.05	33.03	100	296	A	H
	*	5270	117.83	-	-	109.85	31.87	9.14	33.03	100	296	P	H
	*	5270	109.29	-	-	101.31	31.87	9.14	33.03	100	296	A	H
		5352.96	60.12	-13.88	74	52.01	31.95	9.19	33.03	100	296	P	H
		5350.8	51.62	-2.38	54	43.51	31.95	9.19	33.03	100	296	A	H
		5132.6	51.34	-22.66	74	43.61	31.73	9.03	33.03	389	263	P	V
		5147.56	44.15	-9.85	54	36.38	31.75	9.05	33.03	389	263	A	V
	*	5270	112.28	-	-	104.3	31.87	9.14	33.03	389	263	P	V
	*	5270	103.58	-	-	95.6	31.87	9.14	33.03	389	263	A	V
		5354.88	53.43	-20.57	74	45.32	31.95	9.19	33.03	389	263	P	V
		5350.32	46.18	-7.82	54	38.07	31.95	9.19	33.03	389	263	A	V
802.11ac VHT40 CH 62 5310MHz		5032.64	50.63	-23.37	74	43.07	31.63	8.97	33.04	100	293	P	H
		5144.84	44.07	-9.93	54	36.3	31.75	9.05	33.03	100	293	A	H
	*	5310	109.74	-	-	101.69	31.92	9.16	33.03	100	293	P	H
	*	5310	101.27	-	-	93.22	31.92	9.16	33.03	100	293	A	H
		5350.32	62.03	-11.97	74	53.92	31.95	9.19	33.03	100	293	P	H
		5350.08	53.36	-0.64	54	45.25	31.95	9.19	33.03	100	293	A	H
		5032.3	50.11	-23.89	74	42.55	31.63	8.97	33.04	380	262	P	V
		5147.22	41.78	-12.22	54	34.01	31.75	9.05	33.03	380	262	A	V
	*	5310	103.94	-	-	95.89	31.92	9.16	33.03	380	262	P	V
	*	5310	96.22	-	-	88.17	31.92	9.16	33.03	380	262	A	V
	5353.2	56.07	-17.93	74	47.96	31.95	9.19	33.03	380	262	P	V	
	5350.8	45.83	-8.17	54	37.72	31.95	9.19	33.03	380	262	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 VHT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10540	56.05	-12.15	68.2	61.63	39.73	15.07	60.38	100	0	P	H
VHT40		15810	47.68	-26.32	74	49.63	37.23	18.49	57.67	100	0	P	H
CH 54		10540	53.5	-14.7	68.2	59.08	39.73	15.07	60.38	100	0	P	V
5270MHz		15810	48.03	-25.97	74	49.98	37.23	18.49	57.67	100	0	P	V
802.11ac		10620	44.11	-29.89	74	49.79	39.8	15.11	60.59	100	0	P	H
VHT40		15930	41.6	-32.4	74	43.66	36.89	18.55	57.5	100	0	P	H
CH 62		10620	44.18	-29.82	74	49.86	39.8	15.11	60.59	100	0	P	V
5310MHz		15930	41.19	-32.81	74	43.25	36.89	18.55	57.5	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**WIFI 802.11ac 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 )
<b>802.11ac VHT80 CH 58 5290MHz</b>		5141	50.92	-23.08	74	43.15	31.75	9.05	33.03	113	297	P	H
		5147.9	44.26	-9.74	54	36.49	31.75	9.05	33.03	113	297	A	H
	*	5290	104.72	-	-	96.71	31.88	9.16	33.03	113	297	P	H
	*	5290	97.65	-	-	89.64	31.88	9.16	33.03	113	297	A	H
		5357.28	58.55	-15.45	74	50.44	31.95	9.19	33.03	113	297	P	H
		5350.56	51.65	-2.35	54	43.54	31.95	9.19	33.03	113	297	A	H
		5046.5	49.19	-24.81	74	41.61	31.65	8.97	33.04	384	257	P	V
		5048.3	43.12	-10.88	54	35.54	31.65	8.97	33.04	384	257	A	V
	*	5290	99.65	-	-	91.64	31.88	9.16	33.03	384	257	P	V
	*	5290	92.29	-	-	84.28	31.88	9.16	33.03	384	257	A	V
		5352.24	53.52	-20.48	74	45.41	31.95	9.19	33.03	384	257	P	V
	5351.28	45	-9	54	36.89	31.95	9.19	33.03	384	257	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac		10580	43.66	-24.54	68.2	49.31	39.77	15.09	60.51	100	0	P	H
VHT80		15870	41.63	-32.37	74	43.65	37.04	18.51	57.57	100	0	P	H
CH 58		10580	42.78	-25.42	68.2	48.43	39.77	15.09	60.51	100	0	P	V
5290MHz		15870	42.19	-31.81	74	44.21	37.04	18.51	57.57	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT20 CH 100 5500MHz		5459.12	59.75	-14.25	74	51.43	32.05	9.29	33.02	100	295	P	H
		5469.84	66.99	-1.21	68.2	58.65	32.07	9.29	33.02	100	295	P	H
		5460	51.47	-2.53	54	43.15	32.05	9.29	33.02	100	295	A	H
	*	5500	117.63	-	-	109.18	32.1	9.37	33.02	100	295	P	H
	*	5500	109.48	-	-	101.03	32.1	9.37	33.02	100	295	A	H
		5459.12	59.39	-14.61	74	51.07	32.05	9.29	33.02	354	261	P	V
		5468.24	63.44	-4.76	68.2	55.1	32.07	9.29	33.02	354	261	P	V
		5458.64	46.14	-7.86	54	37.82	32.05	9.29	33.02	354	261	A	V
	*	5500	113.62	-	-	105.17	32.1	9.37	33.02	354	261	P	V
	*	5500	105.7	-	-	97.25	32.1	9.37	33.02	354	261	A	V
802.11ac VHT20 CH 116 5580MHz		5453.2	54.9	-19.1	74	46.58	32.05	9.29	33.02	100	295	P	H
		5468.56	55.65	-12.55	68.2	47.31	32.07	9.29	33.02	100	295	P	H
		5457.76	46.22	-7.78	54	37.9	32.05	9.29	33.02	100	295	A	H
	*	5580	119.67	-	-	111.04	32.22	9.48	33.07	100	295	P	H
	*	5580	111.17	-	-	102.54	32.22	9.48	33.07	100	295	A	H
		5747.36	52.7	-15.5	68.2	43.44	32.53	9.88	33.15	100	295	P	H
		5445.52	51.48	-22.52	74	43.16	32.05	9.29	33.02	345	261	P	V
		5461.84	51.39	-16.81	68.2	43.07	32.05	9.29	33.02	345	261	P	V
		5452.48	42.77	-11.23	54	34.45	32.05	9.29	33.02	345	261	A	V
	*	5580	115.01	-	-	106.38	32.22	9.48	33.07	345	261	P	V
*	5580	107.1	-	-	98.47	32.22	9.48	33.07	345	261	A	V	
		5741.06	52.36	-15.84	68.2	43.1	32.53	9.88	33.15	345	261	P	V



<b>802.11ac</b>	*	5700	114.56	-	-	105.49	32.44	9.75	33.12	100	293	P	H
	*	5700	106.91	-	-	97.84	32.44	9.75	33.12	100	293	A	H
<b>VHT20</b>		5725.16	65.25	-2.95	68.2	56.07	32.5	9.81	33.13	100	293	P	H
<b>CH 140</b>	*	5700	110.59	-	-	101.52	32.44	9.75	33.12	392	265	P	V
<b>5700MHz</b>	*	5700	103.37	-	-	94.3	32.44	9.75	33.12	392	265	A	V
		5725.24	60.04	-8.16	68.2	50.86	32.5	9.81	33.13	392	265	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
<b>802.11ac</b> <b>VHT20</b> <b>CH 100</b> <b>5500MHz</b>		11000	61.56	-12.44	74	67.58	40.1	15.38	61.5	108	0	P	H
		11000	50.15	-3.85	54	56.17	40.1	15.38	61.5	108	0	A	H
		16500	47.7	-20.5	68.2	47.46	38.5	19.04	57.3	100	0	P	H
		11000	59.09	-14.91	74	65.11	40.1	15.38	61.5	100	237	P	V
		11000	48.5	-5.5	54	54.52	40.1	15.38	61.5	100	237	A	V
		16500	48.68	-19.52	68.2	48.44	38.5	19.04	57.3	100	0	P	V
<b>802.11ac</b> <b>VHT20</b> <b>CH 116</b> <b>5580MHz</b>		11160	63.89	-10.11	74	69.86	40.07	15.49	61.53	100	59	P	H
		11160	53.41	-0.59	54	59.38	40.07	15.49	61.53	100	59	A	H
		16740	53.88	-14.32	68.2	52.37	39.08	19.25	56.82	100	0	P	H
		11160	60.12	-13.88	74	66.09	40.07	15.49	61.53	103	84	P	V
		11160	49.84	-4.16	54	55.81	40.07	15.49	61.53	103	84	A	V
		16740	51.87	-16.33	68.2	50.36	39.08	19.25	56.82	100	0	P	V
<b>802.11ac</b> <b>VHT20</b> <b>CH 140</b> <b>5700MHz</b>		11400	53.45	-20.55	74	59.35	40.02	15.66	61.58	100	0	P	H
		11400	42.51	-11.49	54	48.41	40.02	15.66	61.58	100	0	A	H
		17100	48.92	-19.28	68.2	45.41	40.06	19.53	56.08	100	0	P	H
		11400	48.82	-25.18	74	54.72	40.02	15.66	61.58	100	0	P	V
		17100	48.09	-20.11	68.2	44.58	40.06	19.53	56.08	100	0	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac VHT40 (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)
<b>802.11ac VHT40 CH 102 5510MHz</b>		5459.68	60.29	-13.71	74	51.97	32.05	9.29	33.02	100	293	P	H
		5470	66.01	-2.19	68.2	57.67	32.07	9.29	33.02	100	293	P	H
		5459.2	52.14	-1.86	54	43.82	32.05	9.29	33.02	100	293	A	H
	*	5510	110.3	-	-	101.86	32.1	9.37	33.03	100	293	P	H
	*	5510	102.62	-	-	94.18	32.1	9.37	33.03	100	293	A	H
		5749.88	50.54	-17.66	68.2	41.28	32.53	9.88	33.15	100	293	P	H
		5453.68	55.04	-18.96	74	46.72	32.05	9.29	33.02	356	265	P	V
		5468.32	62.14	-6.06	68.2	53.8	32.07	9.29	33.02	356	265	P	V
		5458.96	46.42	-7.58	54	38.1	32.05	9.29	33.02	356	265	A	V
	*	5510	105.73	-	-	97.29	32.1	9.37	33.03	356	265	P	V
	*	5510	97.93	-	-	89.49	32.1	9.37	33.03	356	265	A	V
		5725	50.82	-17.38	68.2	41.64	32.5	9.81	33.13	356	265	P	V
<b>802.11ac VHT40 CH 110 5550MHz</b>		5456.08	59.06	-14.94	74	50.74	32.05	9.29	33.02	100	297	P	H
		5464.48	62.41	-5.79	68.2	54.07	32.07	9.29	33.02	100	297	P	H
		5459.44	52.66	-1.34	54	44.34	32.05	9.29	33.02	100	297	A	H
	*	5550	116.65	-	-	108.07	32.19	9.44	33.05	100	297	P	H
	*	5550	108.43	-	-	99.85	32.19	9.44	33.05	100	297	A	H
		5736.965	52.26	-15.94	68.2	43	32.53	9.88	33.15	100	297	P	H
		5459.2	54.98	-19.02	74	46.66	32.05	9.29	33.02	335	267	P	V
		5467.6	57.08	-11.12	68.2	48.74	32.07	9.29	33.02	335	267	P	V
		5459.92	46.88	-7.12	54	38.56	32.05	9.29	33.02	335	267	A	V
	*	5550	112.18	-	-	103.6	32.19	9.44	33.05	335	267	P	V
	*	5550	102.18	-	-	93.6	32.19	9.44	33.05	335	267	A	V
		5751.77	49.83	-18.37	68.2	40.53	32.57	9.88	33.15	335	267	P	V



<b>802.11ac</b> <b>VHT40</b> <b>CH 134</b> <b>5670MHz</b>		5457.8	53.37	-20.63	74	45.05	32.05	9.29	33.02	107	297	P	H
		5469.7	54.47	-13.73	68.2	46.13	32.07	9.29	33.02	107	297	P	H
		5458.5	44.72	-9.28	54	36.4	32.05	9.29	33.02	107	297	A	H
	*	5670	115.08	-	-	106.1	32.41	9.68	33.11	107	297	P	H
	*	5670	106.92	-	-	97.94	32.41	9.68	33.11	107	297	A	H
		5727.9	65.9	-2.3	68.2	56.72	32.5	9.81	33.13	107	297	P	H
		5459.55	50.83	-23.17	74	42.51	32.05	9.29	33.02	352	267	P	V
		5461.3	48.79	-19.41	68.2	40.47	32.05	9.29	33.02	352	267	P	V
		5452.55	41.55	-12.45	54	33.23	32.05	9.29	33.02	352	267	A	V
	*	5670	111.11	-	-	102.13	32.41	9.68	33.11	352	267	P	V
	*	5670	103.05	-	-	94.07	32.41	9.68	33.11	352	267	A	V
		5725.8	62.78	-5.42	68.2	53.6	32.5	9.81	33.13	352	267	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz  
WIFI 802.11ac VHT40 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ac VHT40		11020	47.95	-26.05	74	53.95	40.1	15.4	61.5	100	0	P	H
		16530	43.68	-24.52	68.2	43.27	38.58	19.06	57.23	100	0	P	H
CH 102 5510MHz		11020	47	-27	74	53	40.1	15.4	61.5	100	0	P	V
		16530	44.09	-24.11	68.2	43.68	38.58	19.06	57.23	100	0	P	V
802.11ac VHT40		11100	61.33	-12.67	74	67.32	40.08	15.45	61.52	100	53	P	H
		11100	51.07	-2.93	54	57.06	40.08	15.45	61.52	100	53	A	H
CH 110 5550MHz		16650	47.32	-20.88	68.2	46.27	38.87	19.17	56.99	100	0	P	H
		11100	57.33	-16.67	74	63.32	40.08	15.45	61.52	100	225	P	V
		11100	47.81	-6.19	54	53.8	40.08	15.45	61.52	100	225	A	V
802.11ac VHT40 CH 134 5670MHz		16650	47.64	-20.56	68.2	46.59	38.87	19.17	56.99	100	0	P	V
		11340	59.71	-14.29	74	65.63	40.03	15.62	61.57	100	57	P	H
		11340	49.3	-4.7	54	55.22	40.03	15.62	61.57	100	57	A	H
		17010	48.25	-19.95	68.2	45.27	39.76	19.48	56.26	100	0	P	H
		11340	54.36	-19.64	74	60.28	40.03	15.62	61.57	100	240	P	V
		11340	45.17	-8.83	54	51.09	40.03	15.62	61.57	100	240	A	V
		17010	48.16	-20.04	68.2	45.18	39.76	19.48	56.26	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac 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		5459.92	58.2	-15.8	74	49.88	32.05	9.29	33.02	100	295	P	H
		5464.72	59.38	-8.82	68.2	51.04	32.07	9.29	33.02	100	295	P	H
		5458.24	52.95	-1.05	54	44.63	32.05	9.29	33.02	100	295	A	H
	*	5530	104.32	-	-	95.83	32.13	9.41	33.05	100	295	P	H
	*	5530	96.57	-	-	88.08	32.13	9.41	33.05	100	295	A	H
		5743.58	50.49	-17.71	68.2	41.23	32.53	9.88	33.15	100	295	P	H
		5456.56	55.28	-18.72	74	46.96	32.05	9.29	33.02	395	264	P	V
		5465.92	55.55	-12.65	68.2	47.21	32.07	9.29	33.02	395	264	P	V
		5455.84	46.66	-7.34	54	38.34	32.05	9.29	33.02	395	264	A	V
	*	5530	99.58	-	-	91.09	32.13	9.41	33.05	395	264	P	V
	*	5530	91.4	-	-	82.91	32.13	9.41	33.05	395	264	A	V
	5760.59	49.89	-18.31	68.2	40.53	32.57	9.95	33.16	395	264	P	V	
802.11ac VHT80 CH 122 5610MHz		5459.55	59.25	-14.75	74	50.93	32.05	9.29	33.02	100	293	P	H
		5467.95	60.73	-7.47	68.2	52.39	32.07	9.29	33.02	100	293	P	H
		5451.85	52.8	-1.2	54	44.48	32.05	9.29	33.02	100	293	A	H
	*	5610	111.65	-	-	102.89	32.29	9.55	33.08	100	293	P	H
	*	5610	104.35	-	-	95.59	32.29	9.55	33.08	100	293	A	H
		5725.625	63.91	-4.29	68.2	54.73	32.5	9.81	33.13	100	293	P	H
		5448.7	55.38	-18.62	74	47.06	32.05	9.29	33.02	400	268	P	V
		5466.2	56.84	-11.36	68.2	48.5	32.07	9.29	33.02	400	268	P	V
		5453.95	49.22	-4.78	54	40.9	32.05	9.29	33.02	400	268	A	V
	*	5610	107.76	-	-	99	32.29	9.55	33.08	400	268	P	V
	*	5610	100.18	-	-	91.42	32.29	9.55	33.08	400	268	A	V
	5726.15	59.67	-8.53	68.2	50.49	32.5	9.81	33.13	400	268	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT80		11060	44.34	-29.66	74	50.34	40.09	15.42	61.51	100	0	P	H
		16590	43.47	-24.73	68.2	42.78	38.71	19.11	57.13	100	0	P	H
CH 106 5530MHz		11060	44.62	-29.38	74	50.62	40.09	15.42	61.51	100	0	P	V
		16590	43.45	-24.75	68.2	42.76	38.71	19.11	57.13	100	0	P	V
802.11ac VHT80		11220	56.83	-17.17	74	62.77	40.06	15.54	61.54	100	54	P	H
		11220	48.87	-5.13	54	54.81	40.06	15.54	61.54	100	54	A	H
CH 122 5610MHz		16830	46.68	-21.52	68.2	44.7	39.29	19.33	56.64	100	0	P	H
		11220	51.71	-22.29	74	57.65	40.06	15.54	61.54	100	82	P	V
		11220	44.14	-9.86	54	50.08	40.06	15.54	61.54	100	82	A	V
		16830	45.88	-22.32	68.2	43.9	39.29	19.33	56.64	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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 VHT20 CH 144 5720MHz		5356.63	51.1	-22.9	74	42.99	31.95	9.19	33.03	104	295	P	H
		5468.56	50.79	-17.41	68.2	42.45	32.07	9.29	33.02	104	295	P	H
		5459.98	42.25	-11.75	54	33.93	32.05	9.29	33.02	104	295	A	H
	*	5720	119.98	-	-	110.8	32.5	9.81	33.13	104	295	P	H
	*	5720	112.19	-	-	103.01	32.5	9.81	33.13	104	295	A	H
		5865.25	52.16	-16.04	68.2	42.6	32.75	10.02	33.21	104	295	P	H
		5447.11	48.19	-25.81	74	39.87	32.05	9.29	33.02	369	264	P	V
		5464.66	48.22	-19.98	68.2	39.88	32.07	9.29	33.02	369	264	P	V
		5458.42	40.34	-13.66	54	32.02	32.05	9.29	33.02	369	264	A	V
	*	5720	116.65	-	-	107.47	32.5	9.81	33.13	369	264	P	V
	*	5720	108.76	-	-	99.58	32.5	9.81	33.13	369	264	A	V
		5882.25	51.55	-16.65	68.2	41.96	32.78	10.02	33.21	369	264	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 VHT20 (Harmonic @ 3m)

Table with 14 columns: WIFI Ant., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. It contains 6 rows of test data and a Remark section.



**Band 3 - Straddle Channel**  
**WIFI 802.11ac VHT40 (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 )
<b>802.11ac VHT40 CH 142 5710MHz</b>		5428	51.11	-22.89	74	42.85	32.02	9.26	33.02	100	295	P	H
		5466.61	51	-17.2	68.2	42.66	32.07	9.29	33.02	100	295	P	H
		5458.03	43.52	-10.48	54	35.2	32.05	9.29	33.02	100	295	A	H
	*	5710	116.55	-	-	107.4	32.47	9.81	33.13	100	295	P	H
	*	5710	108.31	-	-	99.16	32.47	9.81	33.13	100	295	A	H
		5875.75	52.82	-15.38	68.2	43.23	32.78	10.02	33.21	100	295	P	H
		5448.28	48.83	-25.17	74	40.51	32.05	9.29	33.02	386	263	P	V
		5462.71	49.21	-18.99	68.2	40.87	32.07	9.29	33.02	386	263	P	V
		5459.2	41.69	-12.31	54	33.37	32.05	9.29	33.02	386	263	A	V
	*	5710	113.23	-	-	104.08	32.47	9.81	33.13	386	263	P	V
*	5710	104.84	-	-	95.69	32.47	9.81	33.13	386	263	A	V	
		5862.25	52.33	-15.87	68.2	42.77	32.75	10.02	33.21	386	263	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT40 (Harmonic @ 3m)

Table with 14 columns: WIFI Ant., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. Rows include test results for 802.11ac VHT40 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 )
<b>802.11ac VHT80 CH 138 5690MHz</b>		5428	54.12	-19.88	74	45.86	32.02	9.26	33.02	100	295	P	H
		5462.32	54.4	-13.8	68.2	46.08	32.05	9.29	33.02	100	295	P	H
		5452.96	47.75	-6.25	54	39.43	32.05	9.29	33.02	100	295	A	H
	*	5690	113.22	-	-	104.15	32.44	9.75	33.12	100	295	P	H
	*	5690	105.57	-	-	96.5	32.44	9.75	33.12	100	295	A	H
		5856.1	59.95	-8.25	68.2	50.37	32.75	10.02	33.19	100	295	P	H
		5443.21	50.33	-23.67	74	42.06	32.03	9.26	33.02	351	266	P	V
		5469.34	50.79	-17.41	68.2	42.45	32.07	9.29	33.02	351	266	P	V
		5458.03	43.31	-10.69	54	34.99	32.05	9.29	33.02	351	266	A	V
	*	5690	109.55	-	-	100.48	32.44	9.75	33.12	351	266	P	V
*	5690	101.67	-	-	92.6	32.44	9.75	33.12	351	266	A	V	
		5850.7	57.97	-10.23	68.2	48.42	32.72	10.02	33.19	351	266	P	V
<b>Remark</b>	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., Note, Frequency, Level, Over Limit, Limit Line, Read Level, Antenna Factor, Path Loss, Preamp Factor, Ant Pos, Table Pos, Peak Avg., Pol. It contains 6 rows of test data and a Remark section.



Emission below 1GHz

WIFI 802.11ac VHT20 (LF @ 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 VHT20 LF		61.86	33.21	-6.79	40	53.07	11.59	1.02	32.49	100	0	P	H
		240.06	36.16	-9.84	46	49.41	17.11	1.95	32.38	-	-	P	H
		298.92	25.63	-20.37	46	36.62	19.06	2.22	32.37	-	-	P	H
		622	32.64	-13.36	46	36.22	25.64	3.15	32.46	-	-	P	H
		923.7	32.35	-13.65	46	30.39	29.45	3.79	31.44	-	-	P	H
		960.1	33.64	-20.36	54	29.55	31.12	3.9	31.11	-	-	P	H
		54.84	29.46	-10.54	40	48.67	12.25	1.02	32.49	100	0	P	V
		63.21	28.76	-11.24	40	48.58	11.64	1.02	32.49	-	-	P	V
		127.74	29.65	-13.85	43.5	43.23	17.31	1.51	32.45	-	-	P	V
		861.4	32.14	-13.86	46	31.14	29.04	3.67	31.86	-	-	P	V
		926.5	32.35	-13.65	46	30.23	29.55	3.82	31.42	-	-	P	V
		960.1	34.02	-19.98	54	29.93	31.12	3.9	31.11	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												





**Note symbol**

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



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

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

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

**For Peak Limit @ 2390MHz:**

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

**For Average Limit @ 2390MHz:**

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

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



## Appendix D. Radiated Spurious Emission

Test Engineer :	Hao Hsu, Chuan Chu, and Ken Wu	Temperature :	21~26°C
		Relative Humidity :	52~57%

### Note symbol

-L	Low channel location
-R	High channel location



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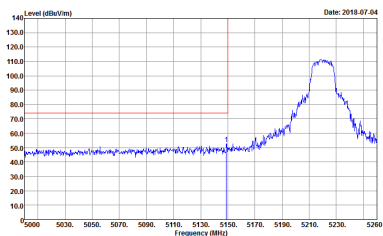
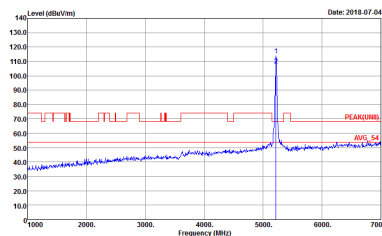
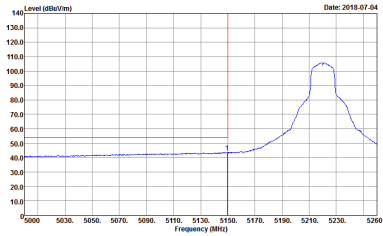
**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK(UWB) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<b>Left blank</b>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
<b>Peak</b>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<b>Left blank</b>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(U) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



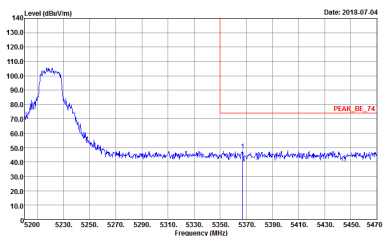
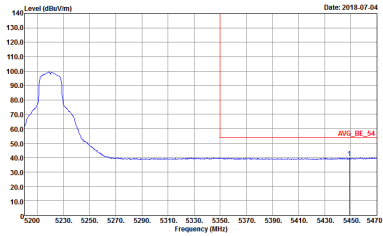
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ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>



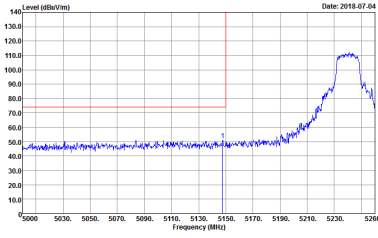
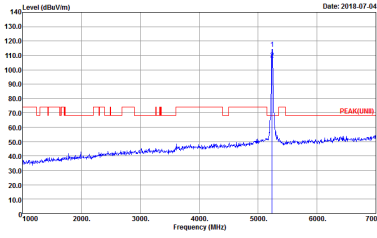
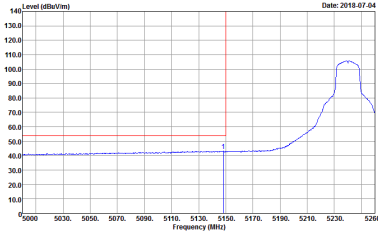
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



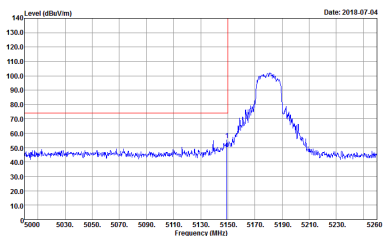
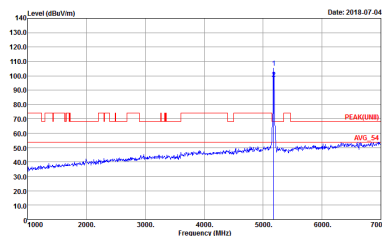
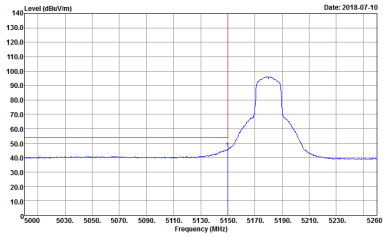
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



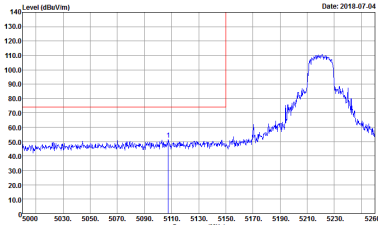
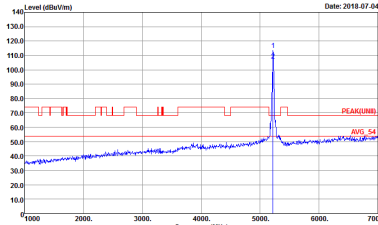
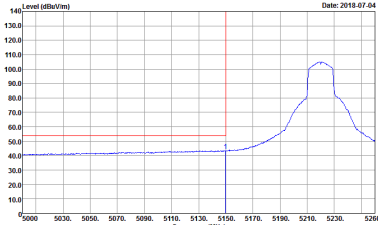
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

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



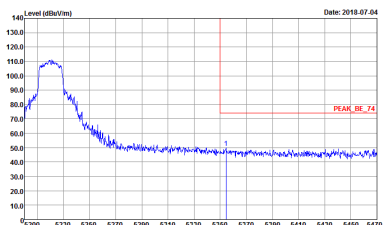
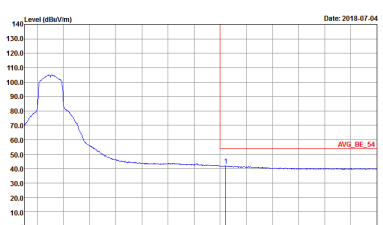
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



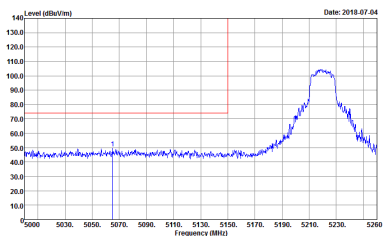
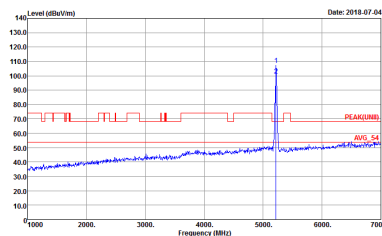
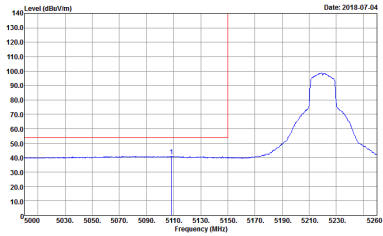
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UWB) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



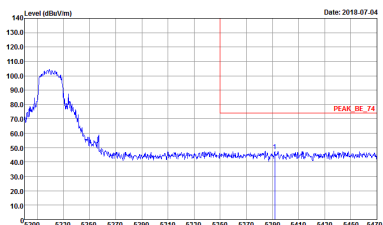
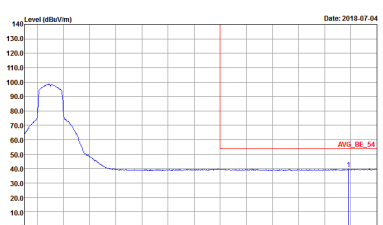


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

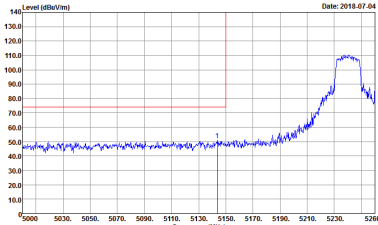
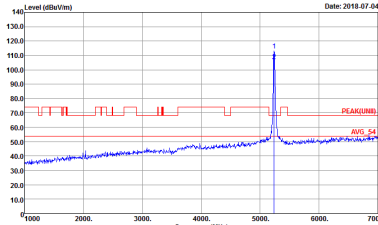
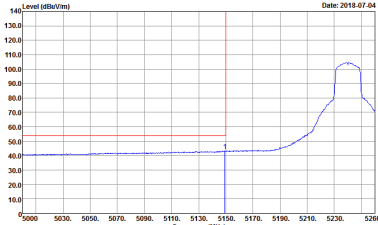


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CHI1-HY Condition : PEAK(UNI) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

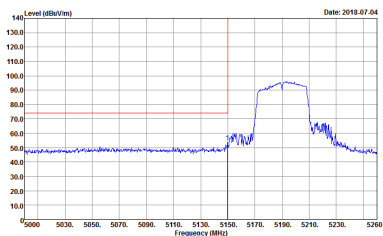
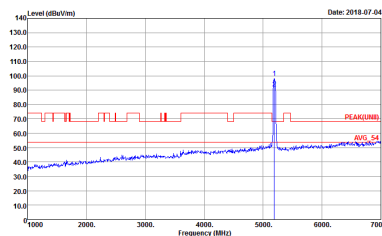
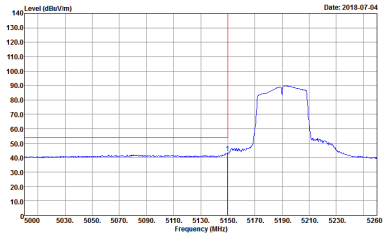
Table with 2 columns (WIFI, ANT) and 2 rows (Peak, Avg.). The 'Peak' row contains 'Horizontal' and 'Fundamental' plots. The 'Avg.' row contains 'Horizontal' and 'Left blank' plots. Each plot shows Level (dBV/m) vs Frequency (MHz) with specific site and condition details.





WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

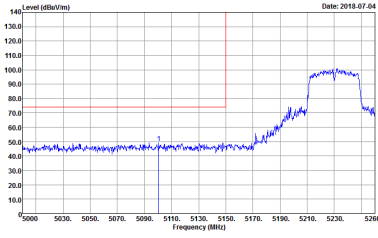
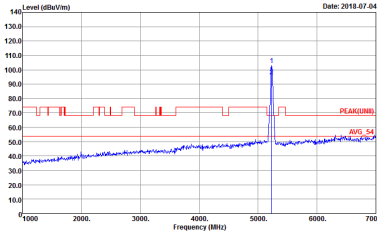
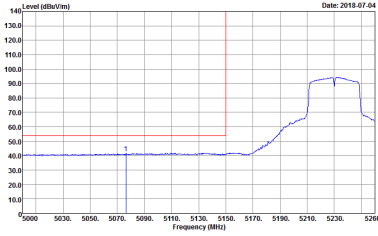


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CHI1-HY Condition : PEAK(UWB) 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
<b>Avg.</b>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank



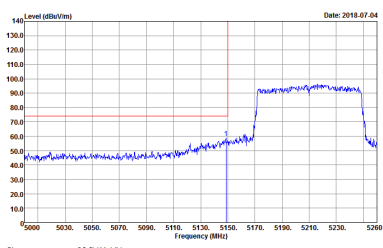
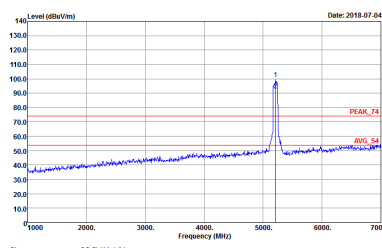
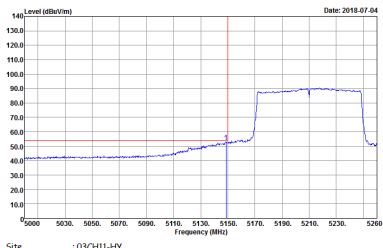
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK(UNI) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>



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

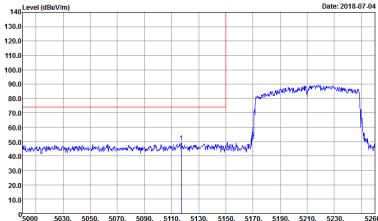
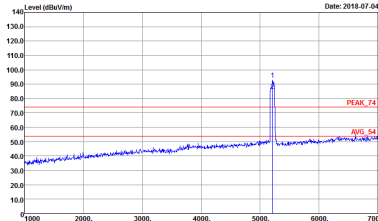
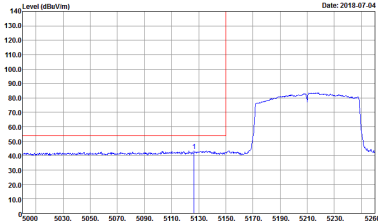
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



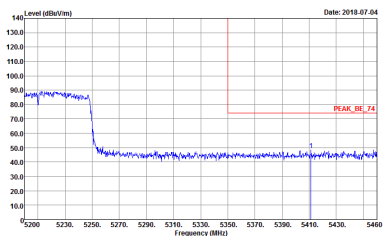
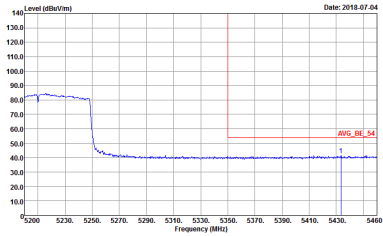


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	Left blank



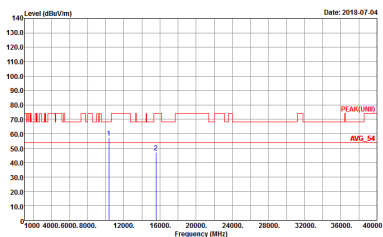
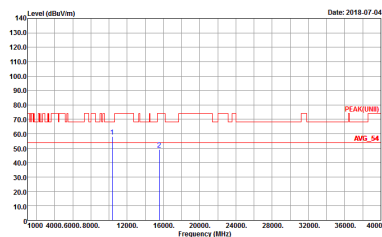
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	<p>Left blank</p>



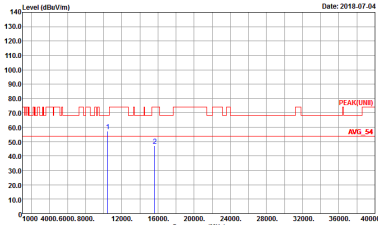
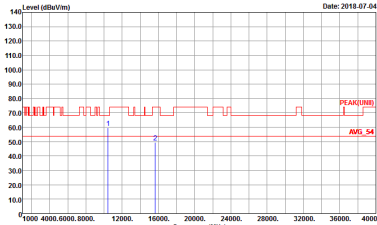
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>



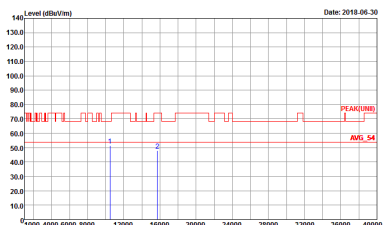
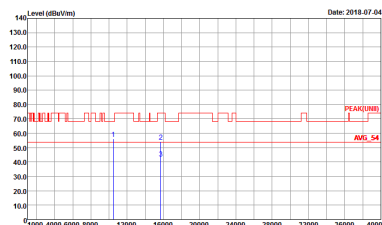
**Band 1 - 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY            Condition : PEAK(LINE) 3m HORN 9120D-HF HORIZONTAL            Detector : Peak</p>	 <p>Site : 03CH11-HY            Condition : PEAK(LINE) 3m HORN 9120D-HF VERTICAL            Detector : Peak</p>



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak	 <p data-bbox="432 757 702 792">         Site : 03CHI1-HY          Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL          Detector : Peak       </p>	 <p data-bbox="906 757 1160 792">         Site : 03CHI1-HY          Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL          Detector : Peak       </p>



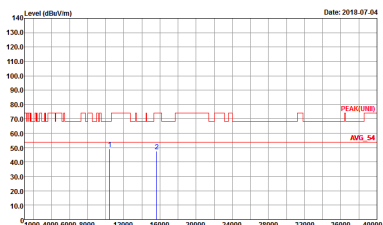
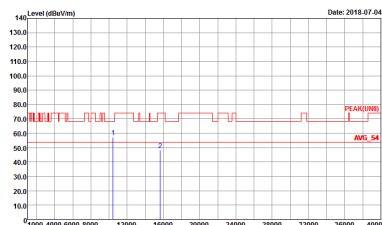
<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH48 5240MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Date: 2018.06.30</p> <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	 <p>Date: 2018.07.04</p> <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

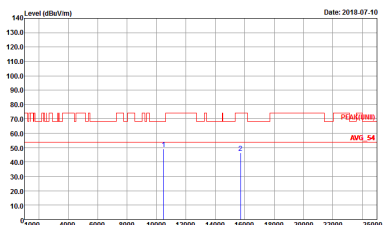
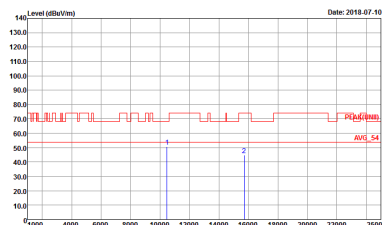
Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBuV/m) vs Frequency (MHz) with peak markers and a table of test parameters including Site, Condition, and Detector.



<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH44 5220MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b>	 <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	 <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>





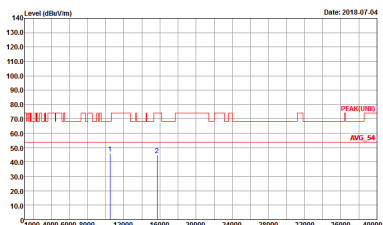
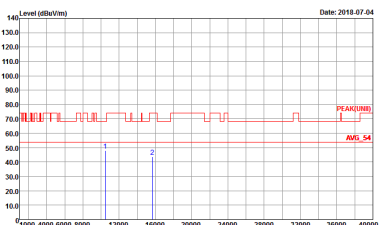
<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH48 5240MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b>	 <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	 <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



Band 1 5150~5250MHz  
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak	<p>Site : 03CH11-4F Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CH11-4F Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



<b>WIFI</b>	<b>Band 1 5150~5250MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH46 5230MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b>	 <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	 <p>Site : 03CHI1-HY Condition : PEAK(LINII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



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

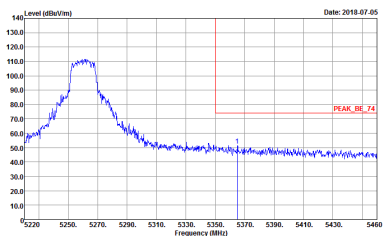
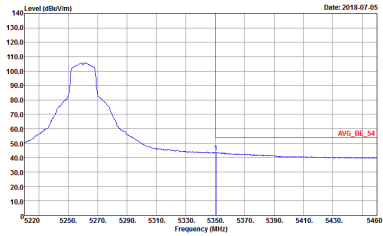
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak	<p>Site : 03CH11-4F Condition : PEAK(LINE) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CH11-4F Condition : PEAK(LINE) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH11-HY            Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY            Condition : PEAK(UWB) 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	<p>Site : 03CH11-HY            Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<b>Left blank</b>

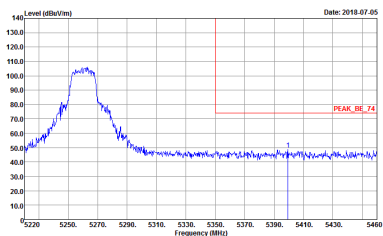
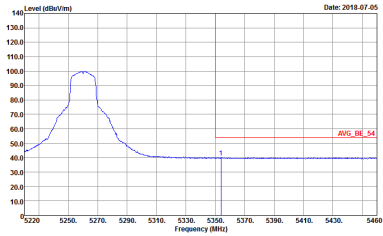


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



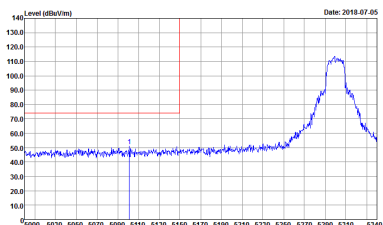
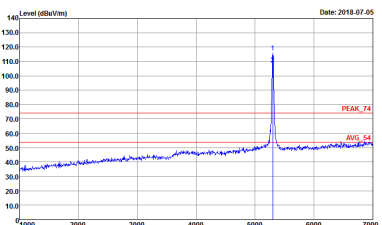
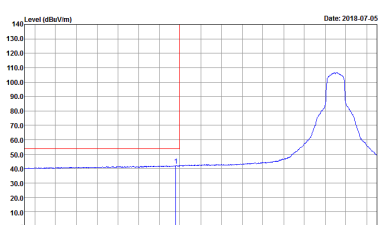
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>		
<p><b>Avg.</b></p>		<p><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank





WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

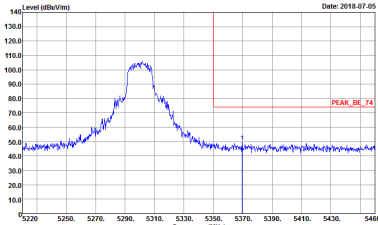
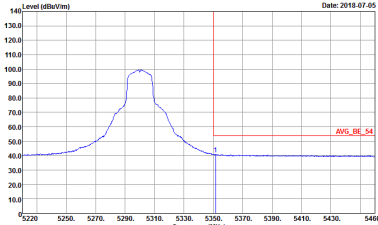


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

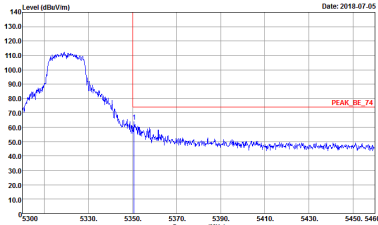
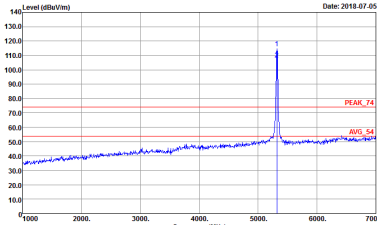
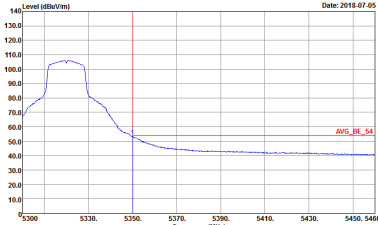


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>		
<p><b>Avg.</b></p>		<p><b>Left blank</b></p>

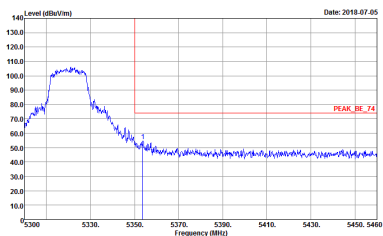
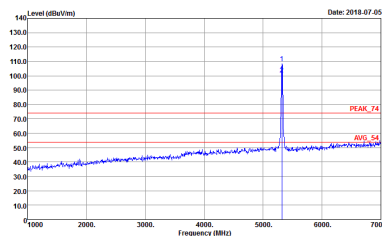
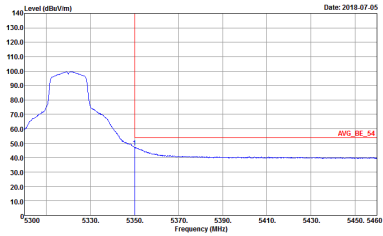


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
<b>Peak</b>	 <p>Site :03CH11-HY Condition :PEAK_BE_74 3m HORN 9120D-HF VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site :03CH11-HY Condition :PEAK_74 3m HORN 9120D-HF VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site :03CH11-HY Condition :AVG_BE_54 3m HORN 9120D-HF VERTICAL :RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<b>Left blank</b>



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

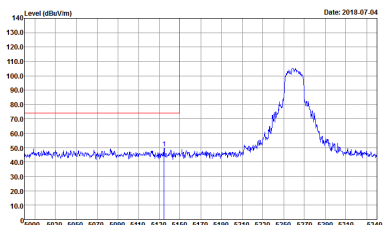
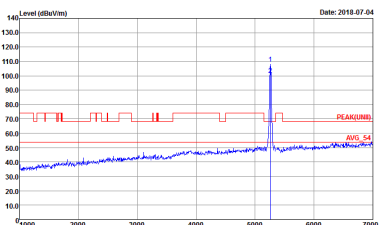
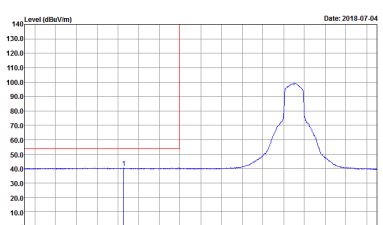
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
<b>Peak</b>		
<b>Avg.</b>		<b>Left blank</b>



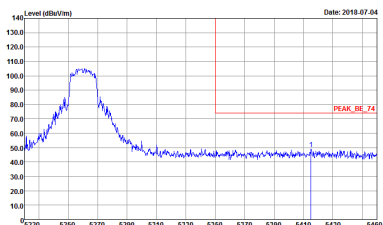
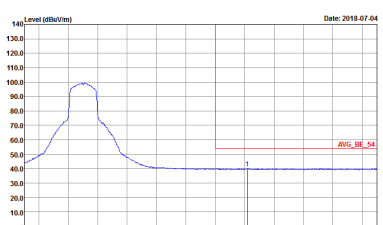
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



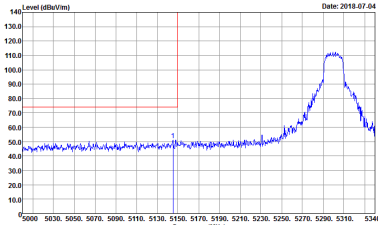
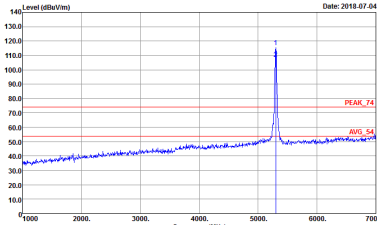
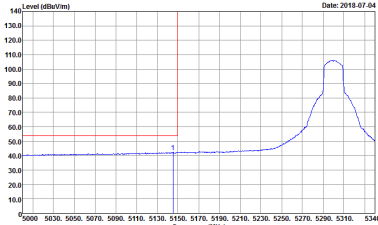


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UWB) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

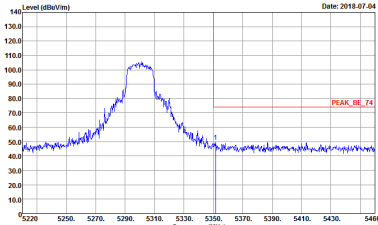
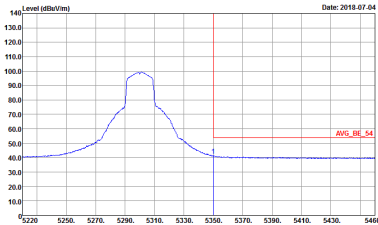


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank

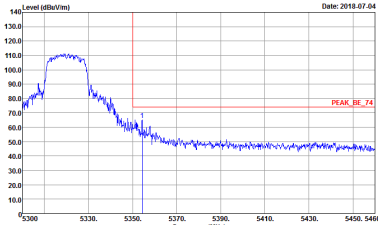
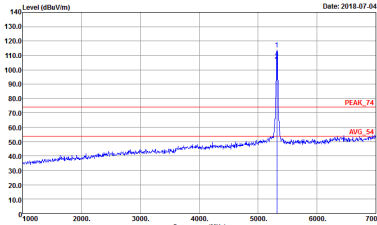
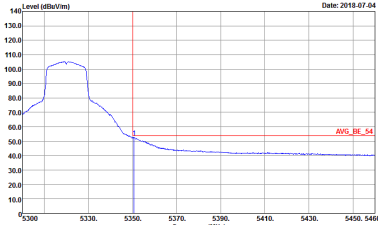


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

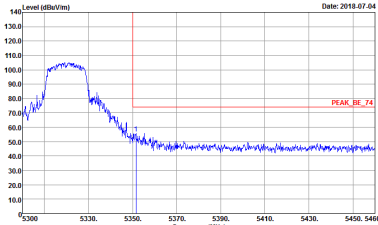
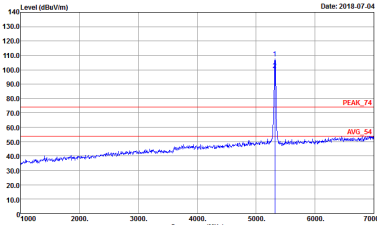
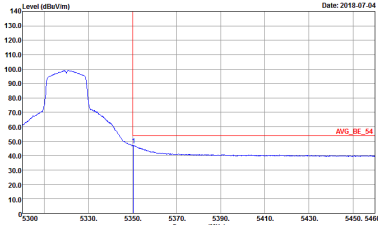


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site Condition : 03CH11-HY : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site Condition : 03CH11-HY : PEAK_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site Condition : 03CH11-HY : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>

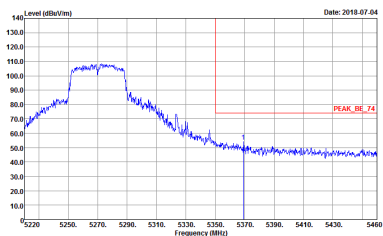
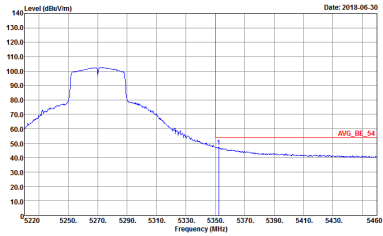




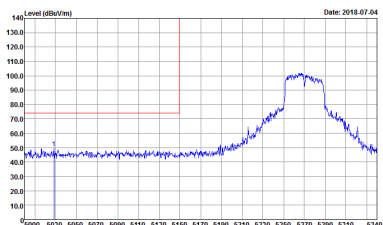
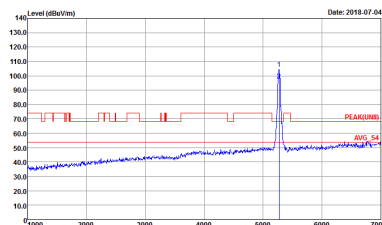
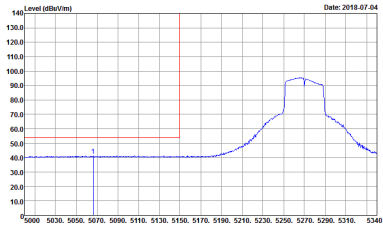
**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

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



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>

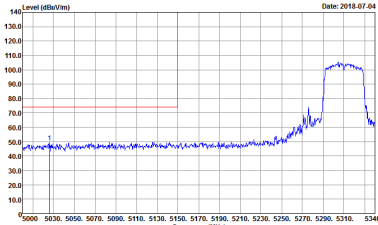
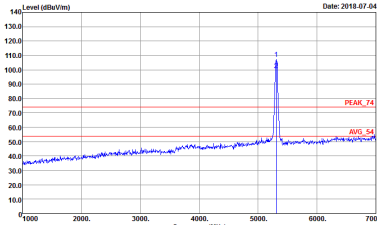
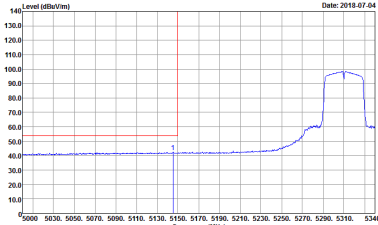


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : 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 - R	
1	Vertical	Vertical
<b>Peak</b>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
<b>Avg.</b>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

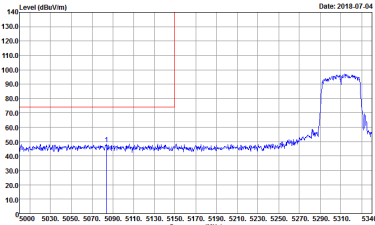
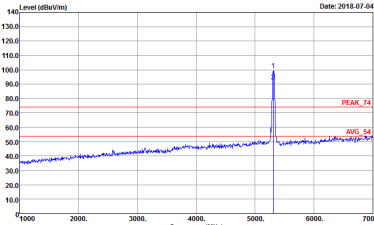
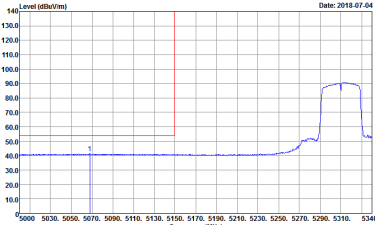


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p>Left blank</p>

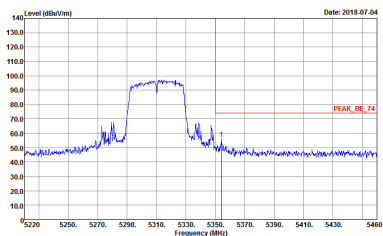
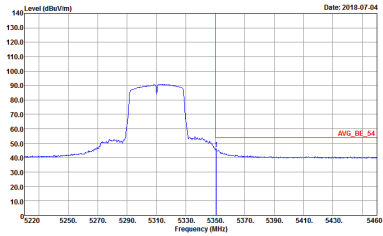


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF 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 CH62 5310 - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	Left blank

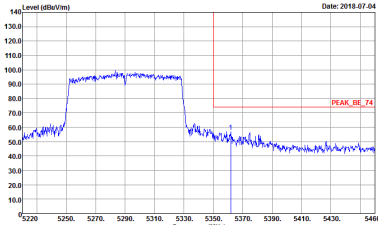
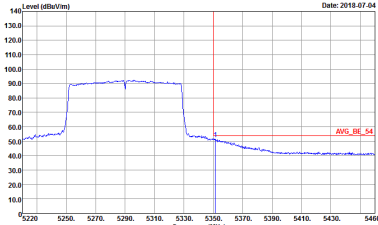




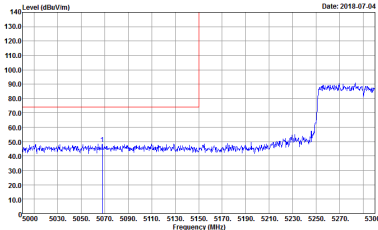
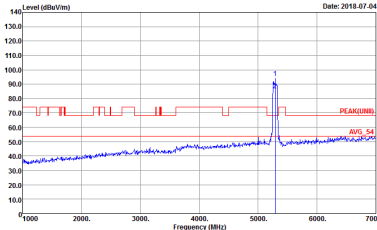
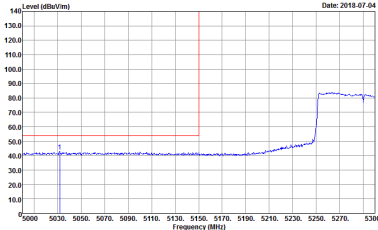
**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CHI1-HY            Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CHI1-HY            Condition : PEAK(LNB) 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CHI1-HY            Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CHI1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CHI1-HY Condition : AVG_BE_54 3m HORN 91200-HF 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
Peak	<p>Site : 03CH11-HY Condition : PEAK(LINE) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CH11-HY Condition : PEAK(LINE) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



<b>WIFI</b>	<b>Band 2 5250~5350MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH60 5300MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



<b>WIFI</b>	<b>Band 2 5250~5350MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH64 5320MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak</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	<p>Site : 03CH11-4F Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CH11-4F Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>





WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



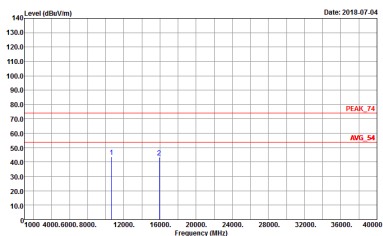
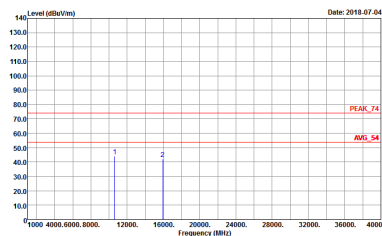
<b>WIFI</b>	<b>Band 2 5250~5350MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH64 5320MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 3 columns: WIFI, ANT, and measurement results for Horizontal and Vertical orientations. Includes two graphs showing Level (dBuV/m) vs Frequency (MHz) with peak markers and an average level of 54 dBuV/m.



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak	 <p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	 <p>Site : 03CHI1-HY Condition : PEAK_74 3m HORN 9120D-HF VERTICAL Detector : Peak</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	<p>Site : 03CH11-4F Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak</p>	<p>Site : 03CH11-4F Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak</p>



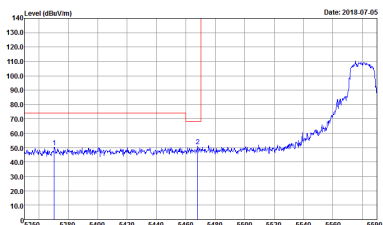
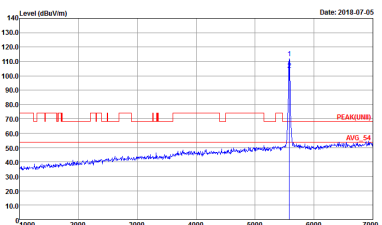
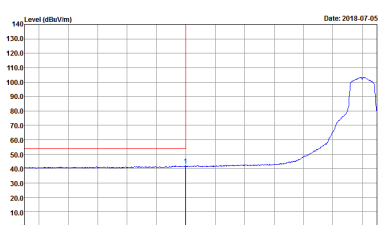
**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
<b>Peak</b>	<p>Site Condition : 03CH11-HY            : PEAK_BE(LINII)_B3 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site Condition : 03CH11-HY            : PEAK(LINII) 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	<p>Site Condition : 03CH11-HY            : AVG_BE(LINII)_B3 3m HORN 9120D-HF HORIZONTAL            : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<b>Left blank</b>



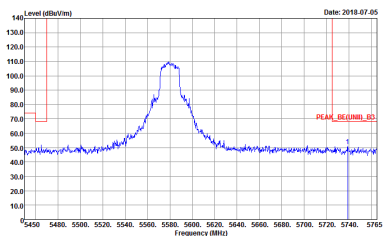
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



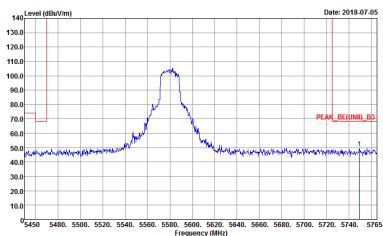


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

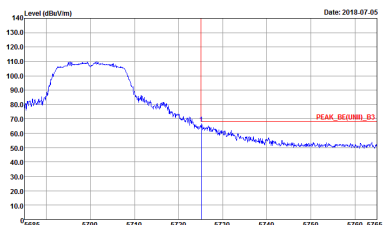
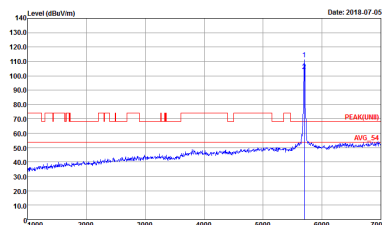


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	<p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



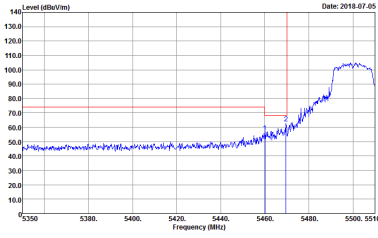
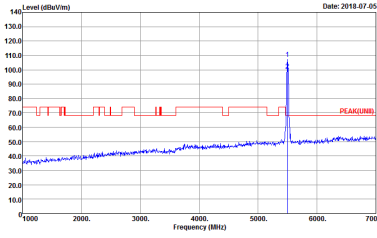
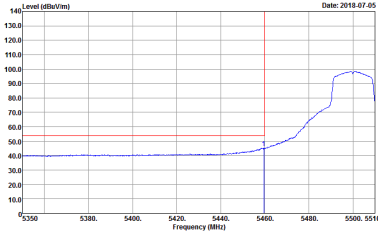
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



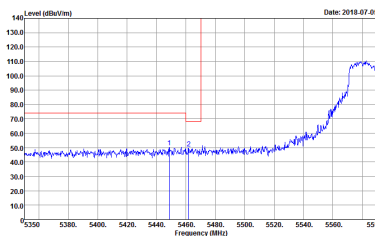
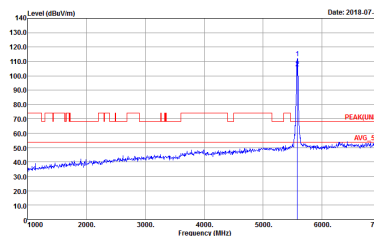
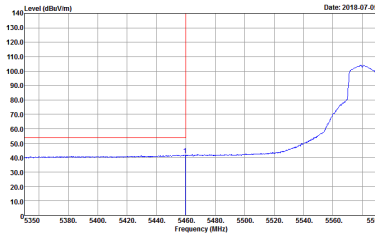
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

Table with 2 columns (WIFI, ANT) and 2 rows (Peak, Avg.). The 'Peak' row contains 'Horizontal' and 'Fundamental' plots. The 'Avg.' row contains 'Horizontal' and 'Left blank' plots. Each plot shows Level (dBV/m) vs Frequency (MHz) with technical parameters like Site, Condition, RBW, and VSWR.



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>



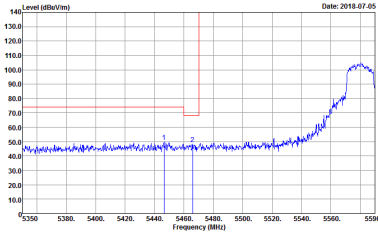
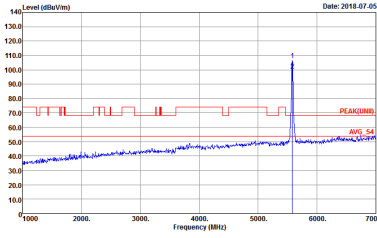
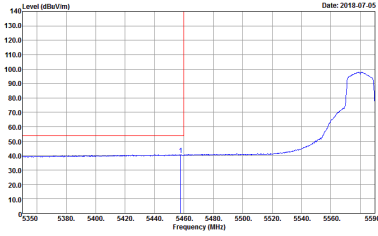
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p>Left blank</p>





WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

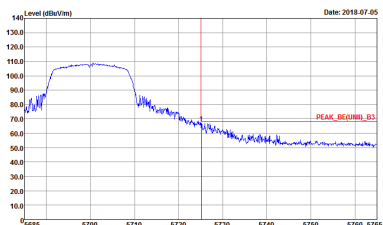
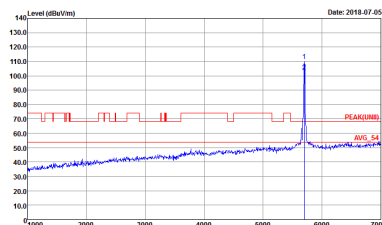


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWF:Auto</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	<p>Site : 03CH11-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK(UNIT) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



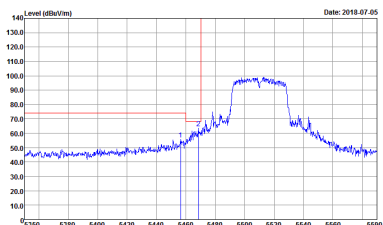
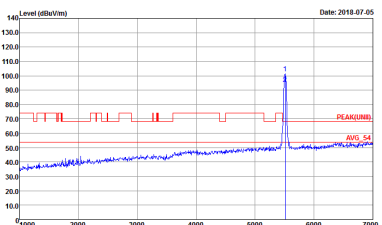
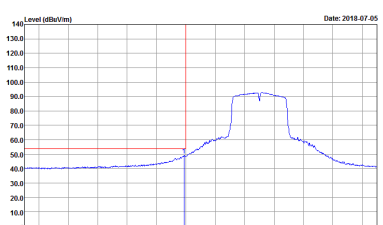
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

Table with 2 columns (WIFI, ANT) and 2 rows (Peak, Avg.). The 'Peak' row shows 'Horizontal' and 'Fundamental' plots. The 'Avg.' row shows a plot and 'Left blank'.



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CHI1-HY Condition : PEAK_BE(UNIT)_B3 3m HORN 9120D-HF 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
<p><b>Peak</b></p>	 <p>Site : 03CH11-HY Condition : PEAK_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH11-HY Condition : PEAK(UNIT1) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH11-HY Condition : AVG_BE(UNIT1)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p><b>Left blank</b></p>