



# FCC RF Test Report

**APPLICANT** : LC Future Center Limited Taiwan Branch  
**EQUIPMENT** : Notebook  
**BRAND NAME** : Lenovo  
**MODEL NAME** : TP00086A  
**FCC ID** : 2AJN7-TP00086A  
**STANDARD** : FCC Part 15 Subpart E §15.407  
**CLASSIFICATION** : (NII) Unlicensed National Information Infrastructure

This is a partial report which is included the conducted emission and radiated emission test items. The product was received on Nov. 08, 2016 and testing was completed on Dec. 03, 2016. 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager



**SPORTON INTERNATIONAL INC.**  
No. 52, Hwa Ya 1<sup>st</sup> Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.



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## REVISION HISTORY



## SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.407(b)	Unwanted Emissions	≤ -17, -27 dBm (depend on band) & 15.209(a)	Pass	Under limit 0.22 dB at 5352.720 MHz
3.2	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 17.26 dB at 4.870 MHz



## 1 General Description

### 1.1 Applicant

**LC Future Center Limited Taiwan Branch**

7F., No.780, Bei'an Rd., Zhongshan Dist., Taipei City 104, Taiwan (R.O.C.)

### 1.2 Manufacturer

**LC Future Center Limited Taiwan Branch**

7F., No.780, Bei'an Rd., Zhongshan Dist., Taipei City 104, Taiwan (R.O.C.)

### 1.3 Feature of Equipment Under Test

Product Feature	
<b>Equipment</b>	Notebook
<b>Brand Name</b>	Lenovo
<b>Model Name</b>	TP00086A
<b>FCC ID</b>	2AJN7-TP00086A
<b>Sample 1</b>	EUT with Antenna 1
<b>Sample 2</b>	EUT with Antenna 2
<b>Integrated WLAN Module</b>	Brand Name: Intel Model Name: 8265NGW
<b>EUT supports Radios application</b>	WCDMA/HSPA/LTE WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
<b>EUT Stage</b>	Production Unit

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.



## 1.4 Product Specification of Equipment Under Test

Standards-related Product Specification		
<b>Tx/Rx Frequency Range</b>		5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
<b>Type of Modulation</b>		802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
<b>Antenna Function Description</b>	802.11 a/n/ac	Ant. 1
	802.11 n/ac MIMO	V
	802.11 n/ac MIMO	V

**Note:**

1. WLAN operation in 5600 MHz ~ 5650 MHz is notched.
2. MIMO Ant. 1+2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 2.

## 1.5 Modification of EUT

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



## 1.6 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1022 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, Hwa Ya 1 <sup>st</sup> Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan 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>	
	CO04-HY	03CH07-HY

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

## 1.7 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 v01r03
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01
- ANSI C63.10-2013

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.



## 2 Test Configuration of Equipment Under Test

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: conducted emission (150 kHz to 30 MHz) and radiated emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

### 2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710		

**Note:**

1. The above Frequency and Channel in "\*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80.



## 2.2 Test Mode

Final test mode of conducted test items and radiated spurious emissions are considering the modulation and worse data rates as below table.

### Single Antenna

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT80	MCS0

### MIMO Antenna

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + TF + TC
<b>Remark:</b>	
1. TF stands for Test Function, and consists of MPEG4 and Camera. 2. TC stands for Test Configuration, and consists of Earphone, USB (HD and iPod), Adapter, SD Card, and DP Cable.	



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

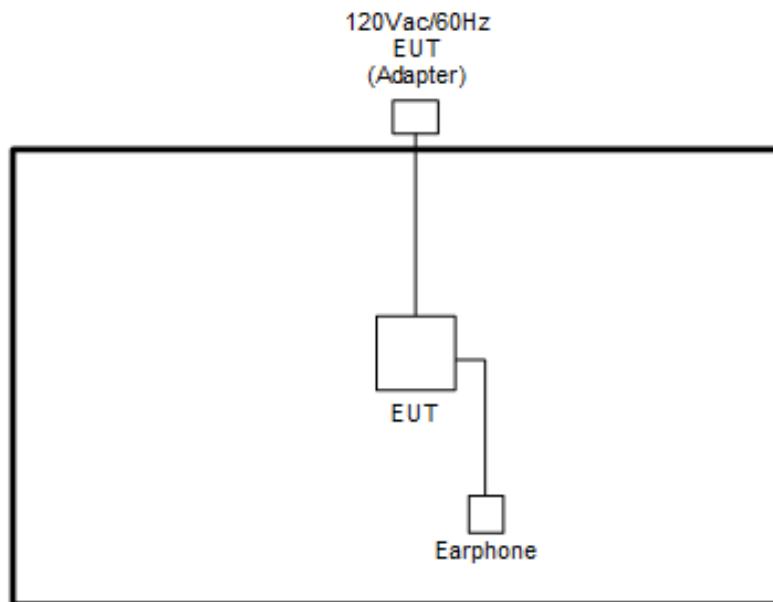
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

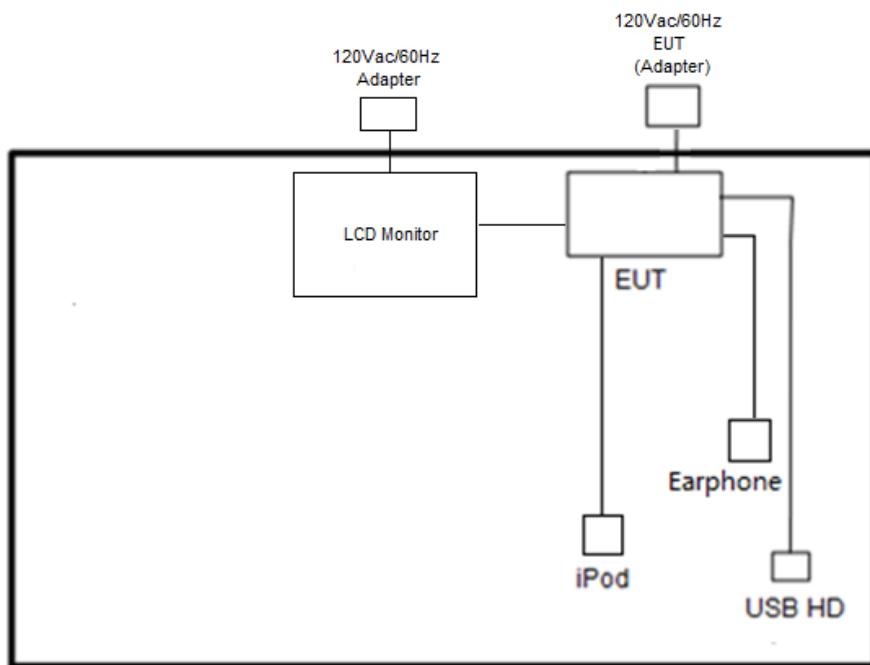
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	-
M	Middle	42	58	106
H	High	-	-	-
Straddle		-	-	138

## 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.	LCD Monitor	DELL	U2410	FCC DoC	Shielded, 1.6 m	Unshielded, 1.8 m
2.	HD USB	lenovo	F310S	FCC DoC	Shielded, 0.5m	N/A
3.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
4.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
5.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
6.	Earphone	lenovo	TS300-01MS21-8S	FCC DoC	Unshielded,1.2m	N/A

## 2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit/receive.



### 3 Test Result

#### 3.1 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

##### 3.1.1 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 per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table,

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

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

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



EIRP (dBm)	Field Strength at 3m (dB $\mu$ V/m)
-17	78.3
-27	68.3

(3) KDB789033 D02 v01r03 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

### 3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03. 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  $\geq$  3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

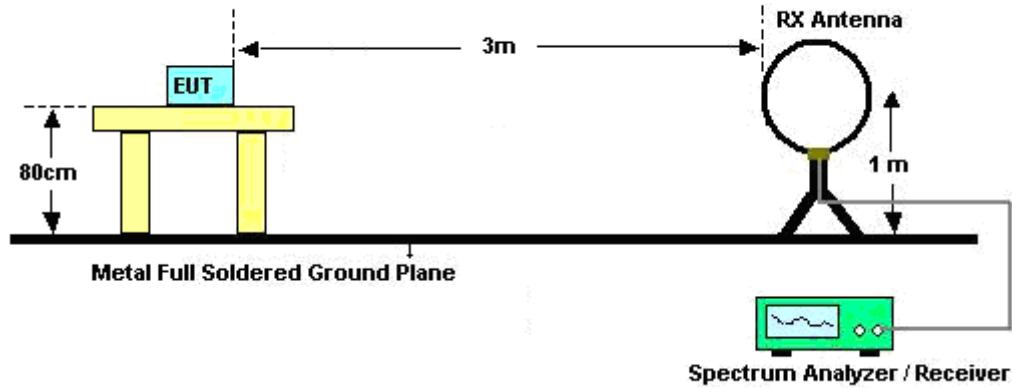
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

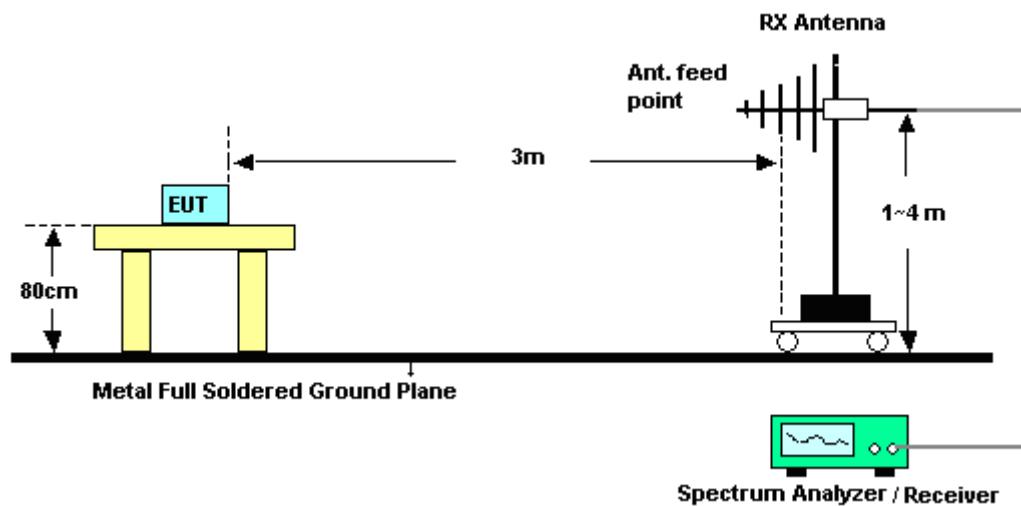
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

### 3.1.4 Test Setup

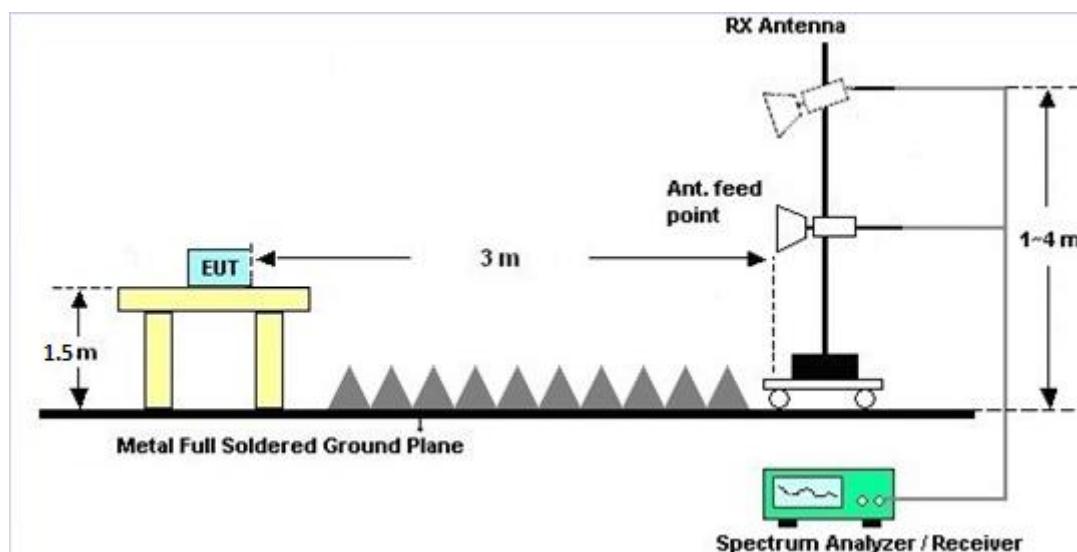
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### 3.1.5 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 per 15.31(o) was not reported.

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

Please refer to Appendix A and B.

### 3.1.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix A and B.



## 3.2 AC Conducted Emission Measurement

### 3.2.1 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.

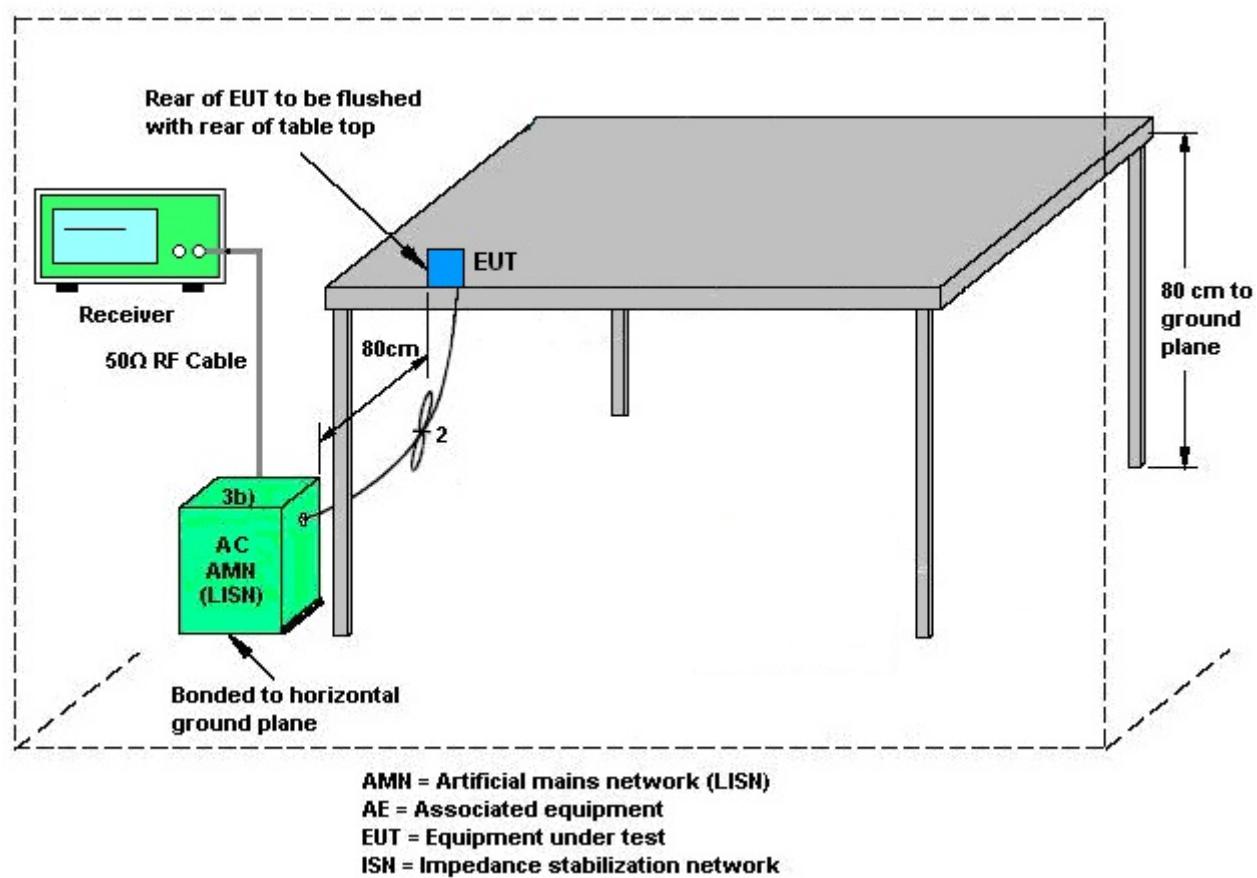
### 3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.2.3 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.

### 3.2.4 Test Setup





### 3.2.5 Test Result of AC Conducted Emission

<b>Test Mode :</b>	Mode 1	<b>Temperature :</b>	22~24°C																																																																																																																														
<b>Test Engineer :</b>	James Chiu	<b>Relative Humidity :</b>	50~53%																																																																																																																														
<b>Test Voltage :</b>	120Vac / 60Hz	<b>Phase :</b>	Line																																																																																																																														
<b>Function Type :</b>	WLAN (5GHz) Link + TF + TC																																																																																																																																
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<p>Site : C004-HY        Condition: NCC/IC/FCC-B LISN-NSLK(8127-477) LINE        EUT : NB (Sierra EM7455+Intel 8265NGW) FCC        Model : Yoda        Power : 120V/60Hz</p>																																																																																																																																	
<table border="1"> <thead> <tr> <th>Freq</th> <th>Level</th> <th>Over Limit</th> <th>Limit Line</th> <th>Read Level</th> <th>LISN Factor</th> <th>Cable Loss</th> <th>Aux Factor</th> <th>Remark</th> </tr> <tr> <th>MHz</th> <th>dBuV</th> <th>dB</th> <th>dBuV</th> <th>dBuV</th> <th>dB</th> <th>dB</th> <th>dB</th> <th></th> </tr> </thead> <tbody> <tr><td>1</td><td>0.18</td><td>32.54</td><td>-21.87</td><td>54.41</td><td>22.29</td><td>0.11</td><td>0.27</td><td>9.87 Average</td></tr> <tr><td>2 MAX</td><td>0.18</td><td>46.23</td><td>-18.18</td><td>64.41</td><td>35.98</td><td>0.11</td><td>0.27</td><td>9.87 QP</td></tr> <tr><td>3</td><td>0.24</td><td>29.79</td><td>-22.24</td><td>52.03</td><td>19.57</td><td>0.11</td><td>0.24</td><td>9.87 Average</td></tr> <tr><td>4</td><td>0.24</td><td>40.62</td><td>-21.41</td><td>62.03</td><td>30.40</td><td>0.11</td><td>0.24</td><td>9.87 QP</td></tr> <tr><td>5</td><td>0.31</td><td>25.96</td><td>-24.04</td><td>50.00</td><td>15.79</td><td>0.12</td><td>0.17</td><td>9.88 Average</td></tr> <tr><td>6</td><td>0.31</td><td>36.56</td><td>-23.44</td><td>60.00</td><td>26.39</td><td>0.12</td><td>0.17</td><td>9.88 QP</td></tr> <tr><td>7</td><td>0.48</td><td>21.36</td><td>-25.03</td><td>46.39</td><td>11.26</td><td>0.12</td><td>0.10</td><td>9.88 Average</td></tr> <tr><td>8</td><td>0.48</td><td>34.53</td><td>-21.86</td><td>56.39</td><td>24.43</td><td>0.12</td><td>0.10</td><td>9.88 QP</td></tr> <tr><td>9</td><td>3.45</td><td>18.69</td><td>-27.31</td><td>46.00</td><td>8.48</td><td>0.17</td><td>0.14</td><td>9.90 Average</td></tr> <tr><td>10</td><td>3.45</td><td>34.72</td><td>-21.28</td><td>56.00</td><td>24.51</td><td>0.17</td><td>0.14</td><td>9.90 QP</td></tr> <tr><td>11</td><td>4.75</td><td>27.15</td><td>-18.85</td><td>46.00</td><td>16.94</td><td>0.19</td><td>0.12</td><td>9.90 Average</td></tr> <tr><td>12</td><td>4.75</td><td>34.73</td><td>-21.27</td><td>56.00</td><td>24.52</td><td>0.19</td><td>0.12</td><td>9.90 QP</td></tr> </tbody> </table>				Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Aux Factor	Remark	MHz	dBuV	dB	dBuV	dBuV	dB	dB	dB		1	0.18	32.54	-21.87	54.41	22.29	0.11	0.27	9.87 Average	2 MAX	0.18	46.23	-18.18	64.41	35.98	0.11	0.27	9.87 QP	3	0.24	29.79	-22.24	52.03	19.57	0.11	0.24	9.87 Average	4	0.24	40.62	-21.41	62.03	30.40	0.11	0.24	9.87 QP	5	0.31	25.96	-24.04	50.00	15.79	0.12	0.17	9.88 Average	6	0.31	36.56	-23.44	60.00	26.39	0.12	0.17	9.88 QP	7	0.48	21.36	-25.03	46.39	11.26	0.12	0.10	9.88 Average	8	0.48	34.53	-21.86	56.39	24.43	0.12	0.10	9.88 QP	9	3.45	18.69	-27.31	46.00	8.48	0.17	0.14	9.90 Average	10	3.45	34.72	-21.28	56.00	24.51	0.17	0.14	9.90 QP	11	4.75	27.15	-18.85	46.00	16.94	0.19	0.12	9.90 Average	12	4.75	34.73	-21.27	56.00	24.52	0.19	0.12	9.90 QP
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8	0.48	34.53	-21.86	56.39	24.43	0.12	0.10	9.88 QP																																																																																																																									
9	3.45	18.69	-27.31	46.00	8.48	0.17	0.14	9.90 Average																																																																																																																									
10	3.45	34.72	-21.28	56.00	24.51	0.17	0.14	9.90 QP																																																																																																																									
11	4.75	27.15	-18.85	46.00	16.94	0.19	0.12	9.90 Average																																																																																																																									
12	4.75	34.73	-21.27	56.00	24.52	0.19	0.12	9.90 QP																																																																																																																									



<b>Test Mode :</b>	Mode 1	<b>Temperature :</b>	22~24°C																																																																																																																														
<b>Test Engineer :</b>	James Chiu	<b>Relative Humidity :</b>	50~53%																																																																																																																														
<b>Test Voltage :</b>	120Vac / 60Hz	<b>Phase :</b>	Neutral																																																																																																																														
<b>Function Type :</b>	WLAN (5GHz) Link + TF + TC																																																																																																																																
 Date: 2016-11-14																																																																																																																																	
<p>Site : C004-HY Condition: NCC/IC/FCC-B LISN-NSLK(8127-477) NEUTRAL EUT : NB (Sierra EM7455+Intel 8265NGW) FCC Model : Yoda Power : 120V/60Hz</p>																																																																																																																																	
<table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>Read Level</th><th>LISN Factor</th><th>Cable Loss</th><th>Aux Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th><th></th></tr></thead><tbody><tr><td>1</td><td>0.18</td><td>31.74</td><td>-22.82</td><td>54.56</td><td>21.49</td><td>0.11</td><td>0.27</td><td>9.87 Average</td></tr><tr><td>2</td><td>0.18</td><td>46.20</td><td>-18.36</td><td>64.56</td><td>35.95</td><td>0.11</td><td>0.27</td><td>9.87 QP</td></tr><tr><td>3</td><td>0.24</td><td>32.57</td><td>-19.36</td><td>51.93</td><td>22.35</td><td>0.11</td><td>0.24</td><td>9.87 Average</td></tr><tr><td>4</td><td>0.24</td><td>41.20</td><td>-20.73</td><td>61.93</td><td>30.98</td><td>0.11</td><td>0.24</td><td>9.87 QP</td></tr><tr><td>5</td><td>0.44</td><td>27.24</td><td>-19.76</td><td>47.00</td><td>17.14</td><td>0.12</td><td>0.10</td><td>9.88 Average</td></tr><tr><td>6</td><td>0.44</td><td>37.06</td><td>-19.94</td><td>57.00</td><td>26.96</td><td>0.12</td><td>0.10</td><td>9.88 QP</td></tr><tr><td>7</td><td>0.48</td><td>23.75</td><td>-22.64</td><td>46.39</td><td>13.65</td><td>0.12</td><td>0.10</td><td>9.88 Average</td></tr><tr><td>8</td><td>0.48</td><td>37.01</td><td>-19.38</td><td>56.39</td><td>26.91</td><td>0.12</td><td>0.10</td><td>9.88 QP</td></tr><tr><td>9</td><td>3.43</td><td>23.77</td><td>-22.23</td><td>46.00</td><td>13.56</td><td>0.17</td><td>0.14</td><td>9.90 Average</td></tr><tr><td>10</td><td>3.43</td><td>37.23</td><td>-18.77</td><td>56.00</td><td>27.02</td><td>0.17</td><td>0.14</td><td>9.90 QP</td></tr><tr><td>11 MAX</td><td>4.87</td><td>28.74</td><td>-17.26</td><td>46.00</td><td>18.52</td><td>0.20</td><td>0.12</td><td>9.90 Average</td></tr><tr><td>12</td><td>4.87</td><td>35.98</td><td>-20.02</td><td>56.00</td><td>25.76</td><td>0.20</td><td>0.12</td><td>9.90 QP</td></tr></tbody></table>				Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Aux Factor	Remark		MHz	dBuV	dB	dBuV	dB	dB	dB		1	0.18	31.74	-22.82	54.56	21.49	0.11	0.27	9.87 Average	2	0.18	46.20	-18.36	64.56	35.95	0.11	0.27	9.87 QP	3	0.24	32.57	-19.36	51.93	22.35	0.11	0.24	9.87 Average	4	0.24	41.20	-20.73	61.93	30.98	0.11	0.24	9.87 QP	5	0.44	27.24	-19.76	47.00	17.14	0.12	0.10	9.88 Average	6	0.44	37.06	-19.94	57.00	26.96	0.12	0.10	9.88 QP	7	0.48	23.75	-22.64	46.39	13.65	0.12	0.10	9.88 Average	8	0.48	37.01	-19.38	56.39	26.91	0.12	0.10	9.88 QP	9	3.43	23.77	-22.23	46.00	13.56	0.17	0.14	9.90 Average	10	3.43	37.23	-18.77	56.00	27.02	0.17	0.14	9.90 QP	11 MAX	4.87	28.74	-17.26	46.00	18.52	0.20	0.12	9.90 Average	12	4.87	35.98	-20.02	56.00	25.76	0.20	0.12	9.90 QP
Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Aux Factor	Remark																																																																																																																									
	MHz	dBuV	dB	dBuV	dB	dB	dB																																																																																																																										
1	0.18	31.74	-22.82	54.56	21.49	0.11	0.27	9.87 Average																																																																																																																									
2	0.18	46.20	-18.36	64.56	35.95	0.11	0.27	9.87 QP																																																																																																																									
3	0.24	32.57	-19.36	51.93	22.35	0.11	0.24	9.87 Average																																																																																																																									
4	0.24	41.20	-20.73	61.93	30.98	0.11	0.24	9.87 QP																																																																																																																									
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## 4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 14, 2016	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Nov. 14, 2016	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2015	Nov. 14, 2016	Dec. 01, 2016	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 14, 2015	Nov. 14, 2016	Dec. 13, 2016	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D&#00800 N1D01N-06	35419&03	30MHz to 1GHz	Jan. 13, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Jan. 12, 2017	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 19, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Aug. 18, 2017	Radiation (03CH07-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20Hz ~ 8.4GHz	Oct. 26, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Oct. 25, 2017	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Sep. 02, 2015	Nov. 29, 2016 ~ Dec. 03, 2016	Sep. 01, 2017	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz ~ 18GHz	Apr. 15, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Apr. 14, 2017	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	Mar. 18, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Mar. 17, 2017	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 12, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Oct. 11, 2017	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Feb. 27, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Feb. 26, 2017	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Nov. 29, 2016 ~ Dec. 03, 2016	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Nov. 29, 2016 ~ Dec. 03, 2016	N/A	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-1800400 0-33-8P	1840917	18GHz ~ 40GHz	Jun. 14, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Jun. 13, 2017	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA917058	4	18GHz- 40GHz	Nov. 08, 2016	Nov. 29, 2016 ~ Dec. 03, 2016	Nov. 07, 2017	Radiation (03CH07-HY)



## 5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_{C(y)}$ )	2.20
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### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_{C(y)}$ )	5.7
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### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_{C(y)}$ )	5.5
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### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_{C(y)}$ )	5.2
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## Appendix A. Radiated Spurious Emission

Test Engineer :	Jesse Wang, James Chiu and Daniel Lee	Temperature :		21~23°C	
		Relative Humidity :		47~51%	

### Band 1 - 5150~5250MHz

#### WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	(dB $\mu$ V)	( dB/m )	( dB )	( dB )	( cm )	Pos	Pos	Avg.
	1	5127.66	50.34	-23.66	74	40.59	33.65	11.18	35.08	360	112	P	H
		5149.5	43.9	-10.1	54	34.08	33.69	11.21	35.08	360	112	A	H
	*	5210	96.34	-	-	86.31	33.86	11.25	35.08	360	112	P	H
	*	5210	88.49	-	-	78.46	33.86	11.25	35.08	360	112	A	H
		5388.72	48.6	-25.4	74	37.5	34.3	11.89	35.09	360	112	P	H
	VHT80	5456.64	41.57	-12.43	54	30.3	34.47	11.89	35.09	360	112	A	H
	CH 42	5148.46	59.87	-14.13	74	50.05	33.69	11.21	35.08	271	188	P	V
	5210MHz	5144.56	53.5	-0.5	54	43.68	33.69	11.21	35.08	271	188	A	V
	*	5210	103.18	-	-	93.15	33.86	11.25	35.08	271	188	P	V
	*	5210	95.47	-	-	85.44	33.86	11.25	35.08	271	188	A	V
		5442	50.15	-23.85	74	38.92	34.43	11.89	35.09	271	188	P	V
		5352.72	43.45	-10.55	54	32.56	34.21	11.76	35.08	271	188	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.79	-29.21	74	47.66	39.13	17.17	59.17	100	0	P	H
		15630	45.23	-28.77	74	41.39	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	43.6	-30.4	74	46.47	39.13	17.17	59.17	100	0	P	V
		15630	45.52	-28.48	74	41.68	41.28	19.68	57.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Emission below 1GHz

## WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	(dB $\mu$ V)	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT80 LF		30.81	27.66	-12.34	40	32.49	25.46	1.07	31.36			P	H
		201.99	32.41	-11.09	43.5	45.97	16.05	1.87	31.48	100	0	P	H
		277.32	31.04	-14.96	46	40.71	19.33	2.32	31.32			P	H
		351.1	30.26	-15.74	46	37.76	21.22	2.5	31.22			P	H
		715.1	34.76	-11.24	46	35.08	26.64	3.74	30.7			P	H
		949.6	33.09	-12.91	46	29.35	30.2	4.07	30.53			P	H
													H
													H
													H
													H
													H
													H
													H
													V
		30.27	36.71	-3.29	40	40.99	26	1.07	31.35	100	0	P	V
		211.98	30.55	-12.95	43.5	43.82	16.32	1.87	31.46			P	V
		267.06	28.22	-17.78	46	37.66	19.58	2.32	31.34			P	V
		325.2	27.67	-18.33	46	36.01	20.5	2.41	31.25			P	V
		720.7	37.16	-8.84	46	37.38	26.73	3.74	30.69			P	V
		953.1	33.02	-12.98	46	29.27	30.21	4.07	30.53			P	V
													V
													V
													V
													V
													V
													V
													V
													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 or Average</b>
H/V	<b>Horizontal or Vertical</b>



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		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

$$1. \text{ Level(dB}\mu\text{V/m)} =$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$2. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

#### For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 55.45 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

#### For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 43.54 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

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



## Band 1 - 5150~5250MHz

## WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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		5150	51.37	-22.63	74	41.55	33.69	11.21	35.08	364	118	P	H
		5150	43.87	-10.13	54	34.05	33.69	11.21	35.08	364	118	A	H
	*	5180	103.36	-	-	93.45	33.78	11.21	35.08	364	118	P	H
	*	5180	96.04	-	-	86.13	33.78	11.21	35.08	364	118	A	H
													H
													H
		5147.68	58.01	-15.99	74	48.19	33.69	11.21	35.08	263	190	P	V
		5150	49.39	-4.61	54	39.57	33.69	11.21	35.08	263	190	A	V
	*	5180	109.47	-	-	99.56	33.78	11.21	35.08	263	190	P	V
	*	5180	101.95	-	-	92.04	33.78	11.21	35.08	263	190	A	V
802.11a CH 44 5220MHz													V
		5135.46	49.14	-24.86	74	39.39	33.65	11.18	35.08	359	119	P	H
		5102.96	40.58	-13.42	54	30.91	33.56	11.18	35.07	359	119	A	H
	*	5220	103.69	-	-	93.66	33.86	11.25	35.08	359	119	P	H
	*	5220	96.73	-	-	86.7	33.86	11.25	35.08	359	119	A	H
		5432.16	49.85	-24.15	74	38.62	34.43	11.89	35.09	359	119	P	H
		5455.92	40.99	-13.01	54	29.72	34.47	11.89	35.09	359	119	A	H
		5145.6	50.34	-23.66	74	40.52	33.69	11.21	35.08	273	192	P	V
		5145.08	42.2	-11.8	54	32.38	33.69	11.21	35.08	273	192	A	V
	*	5220	110.74	-	-	100.71	33.86	11.25	35.08	273	192	P	V
	*	5220	103.09	-	-	93.06	33.86	11.25	35.08	273	192	A	V
		5376.48	50.8	-23.2	74	39.88	34.25	11.76	35.09	273	192	P	V
		5382	43.39	-10.61	54	32.29	34.3	11.89	35.09	273	192	A	V



		5041.86	49.65	-24.35	74	40.18	33.43	11.11	35.07	378	120	P	H
		5083.72	40.65	-13.35	54	31.06	33.52	11.14	35.07	378	120	A	H
* 802.11a		5240	104.15	-	-	93.94	33.91	11.38	35.08	378	120	P	H
CH 48		5240	96.86	-	-	86.65	33.91	11.38	35.08	378	120	A	H
5240MHz		5444.64	48.98	-25.02	74	37.75	34.43	11.89	35.09	378	120	P	H
		5396.16	40.66	-13.34	54	29.52	34.34	11.89	35.09	378	120	A	H
		5104.78	50.4	-23.6	74	40.73	33.56	11.18	35.07	268	190	P	V
		5149.24	41.95	-12.05	54	32.13	33.69	11.21	35.08	268	190	A	V
		* 5240	110.6	-	-	100.39	33.91	11.38	35.08	268	190	P	V
		* 5240	103.1	-	-	92.89	33.91	11.38	35.08	268	190	A	V
		5401.92	51.41	-22.59	74	40.27	34.34	11.89	35.09	268	190	P	V
		5404.32	42.7	-11.3	54	31.56	34.34	11.89	35.09	268	190	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

## WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	44.32	-29.68	74	47.27	39.09	17.17	59.21	100	0	P	H
		15540	50.38	-23.62	74	46.88	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	44.15	-29.85	74	47.1	39.09	17.17	59.21	100	0	P	V
		15540	50.21	-23.79	74	46.71	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	45.03	-28.97	74	47.86	39.15	17.17	59.15	100	0	P	H
		15660	50.31	-23.69	74	46.43	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	44.35	-29.65	74	47.18	39.15	17.17	59.15	100	0	P	V
		15660	50.42	-23.58	74	46.54	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	44.41	-29.59	74	47.16	39.19	17.17	59.11	100	0	P	H
		15708	51.03	-22.97	74	46.97	41.41	19.73	57.08	100	0	P	H
													H
													H
		10480	44.63	-29.37	74	47.38	39.19	17.17	59.11	100	0	P	V
		15720	56.42	-17.58	74	52.31	41.45	19.73	57.07	100	134	P	V
		15720	47.96	-6.04	54	43.85	41.45	19.73	57.07	100	134	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5149.5	50.07	-23.93	74	40.25	33.69	11.21	35.08	363	115	P	H
		5150	42.89	-11.11	54	33.07	33.69	11.21	35.08	363	115	A	H
	*	5180	103.31	-	-	93.4	33.78	11.21	35.08	363	115	P	H
	*	5180	95.66	-	-	85.75	33.78	11.21	35.08	363	115	A	H
													H
													H
		5148.72	58.57	-15.43	74	48.75	33.69	11.21	35.08	263	190	P	V
		5149.76	49.3	-4.7	54	39.48	33.69	11.21	35.08	263	190	A	V
	*	5180	109.32	-	-	99.41	33.78	11.21	35.08	263	190	P	V
	*	5180	101.9	-	-	91.99	33.78	11.21	35.08	263	190	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5082.42	49.2	-24.8	74	39.61	33.52	11.14	35.07	359	122	P	H
		5116.48	40.65	-13.35	54	30.94	33.6	11.18	35.07	359	122	A	H
	*	5220	103.6	-	-	93.57	33.86	11.25	35.08	359	122	P	H
	*	5220	96.09	-	-	86.06	33.86	11.25	35.08	359	122	A	H
		5430.96	49.74	-24.26	74	38.51	34.43	11.89	35.09	359	122	P	H
		5455.2	41	-13	54	29.73	34.47	11.89	35.09	359	122	A	H
		5087.62	50.13	-23.87	74	40.54	33.52	11.14	35.07	262	189	P	V
		5137.8	43.77	-10.23	54	34.02	33.65	11.18	35.08	262	189	A	V
	*	5220	109.39	-	-	99.36	33.86	11.25	35.08	262	189	P	V
	*	5220	102.1	-	-	92.07	33.86	11.25	35.08	262	189	A	V
		5350.08	50.77	-23.23	74	39.88	34.21	11.76	35.08	262	189	P	V
		5376.96	42.87	-11.13	54	31.95	34.25	11.76	35.09	262	189	A	V



		5075.14	49.65	-24.35	74	40.06	33.52	11.14	35.07	379	121	P	H
		5124.8	40.71	-13.29	54	30.96	33.65	11.18	35.08	379	121	A	H
	*	5240	103.9	-	-	93.69	33.91	11.38	35.08	379	121	P	H
	*	5240	96.37	-	-	86.16	33.91	11.38	35.08	379	121	A	H
		5402.88	49.09	-24.91	74	37.95	34.34	11.89	35.09	379	121	P	H
	<b>802.11n</b>	5395.44	40.64	-13.36	54	29.5	34.34	11.89	35.09	379	121	A	H
	<b>HT20</b>	5126.88	50.09	-23.91	74	40.34	33.65	11.18	35.08	267	188	P	V
	<b>CH 48</b>	5150	42.05	-11.95	54	32.23	33.69	11.21	35.08	267	188	A	V
		5240	109.62	-	-	99.41	33.91	11.38	35.08	267	188	P	V
		5240	102.14	-	-	91.93	33.91	11.38	35.08	267	188	A	V
		5404.08	50.71	-23.29	74	39.57	34.34	11.89	35.09	267	188	P	V
		5354.16	42.45	-11.55	54	31.56	34.21	11.76	35.08	267	188	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. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	44.52	-29.48	74	47.47	39.09	17.17	59.21	100	0	P	H
		15540	48.61	-25.39	74	45.11	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	43.79	-30.21	74	46.74	39.09	17.17	59.21	100	0	P	V
		15540	49.02	-24.98	74	45.52	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.96	-29.04	74	47.79	39.15	17.17	59.15	100	0	P	H
		15660	48.98	-25.02	74	45.1	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	44.76	-29.24	74	47.59	39.15	17.17	59.15	100	0	P	V
		15660	48.19	-25.81	74	44.31	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	45.32	-28.68	74	48.07	39.19	17.17	59.11	100	0	P	H
		15720	49.23	-24.77	74	45.12	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	44.44	-29.56	74	47.19	39.19	17.17	59.11	100	0	P	V
		15720	50.25	-23.75	74	46.14	41.45	19.73	57.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5147.42	50.87	-23.13	74	41.05	33.69	11.21	35.08	358	114	P	H
		5149.24	44.47	-9.53	54	34.65	33.69	11.21	35.08	358	114	A	H
	*	5190	100.49	-	-	90.54	33.78	11.25	35.08	358	114	P	H
	*	5190	93.19	-	-	83.24	33.78	11.25	35.08	358	114	A	H
		5386.8	49.28	-24.72	74	38.18	34.3	11.89	35.09	358	114	P	H
		5437.2	41.41	-12.59	54	30.18	34.43	11.89	35.09	358	114	A	H
		5148.98	60.6	-13.4	74	50.78	33.69	11.21	35.08	277	194	P	V
		5150	53.48	-0.52	54	43.66	33.69	11.21	35.08	277	194	A	V
	*	5190	106.96	-	-	97.01	33.78	11.25	35.08	277	194	P	V
	*	5190	99.66	-	-	89.71	33.78	11.25	35.08	277	194	A	V
802.11n HT40 CH 46 5230MHz		5367.12	51.06	-22.94	74	40.13	34.25	11.76	35.08	277	194	P	V
		5351.04	43.42	-10.58	54	32.53	34.21	11.76	35.08	277	194	A	V
		5080.86	49.28	-24.72	74	39.69	33.52	11.14	35.07	360	114	P	H
		5092.82	41.28	-12.72	54	31.65	33.56	11.14	35.07	360	114	A	H
	*	5230	100.78	-	-	90.57	33.91	11.38	35.08	360	114	P	H
	*	5230	92.9	-	-	82.69	33.91	11.38	35.08	360	114	A	H
		5366.16	48.92	-25.08	74	37.99	34.25	11.76	35.08	360	114	P	H
		5459.28	41.41	-12.59	54	30.14	34.47	11.89	35.09	360	114	A	H
		5140.14	51.2	-22.8	74	41.38	33.69	11.21	35.08	275	192	P	V
		5150	43.43	-10.57	54	33.61	33.69	11.21	35.08	275	192	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. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	44.81	-29.19	74	47.72	39.11	17.17	59.19	100	0	P	H
		15570	48.98	-25.02	74	45.37	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	44.66	-29.34	74	47.57	39.11	17.17	59.19	100	0	P	V
		15570	47.37	-26.63	74	43.76	41.14	19.63	57.16	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	45.39	-28.61	74	48.2	39.16	17.17	59.14	100	0	P	H
		15690	48.96	-25.04	74	44.97	41.38	19.7	57.09	100	0	P	H
													H
													H
		10460	45.56	-28.44	74	48.37	39.16	17.17	59.14	100	0	P	V
		15690	48.26	-25.74	74	44.27	41.38	19.7	57.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5147.68	53.02	-20.98	74	43.2	33.69	11.21	35.08	339	113	P	H
		5148.2	43.85	-10.15	54	34.03	33.69	11.21	35.08	339	113	A	H
	*	5210	96.53	-	-	86.5	33.86	11.25	35.08	339	113	P	H
	*	5210	88.63	-	-	78.6	33.86	11.25	35.08	339	113	A	H
		5443.92	48.65	-25.35	74	37.42	34.43	11.89	35.09	339	113	P	H
		5455.44	41.58	-12.42	54	30.31	34.47	11.89	35.09	339	113	A	H
		5149.5	61.02	-12.98	74	51.2	33.69	11.21	35.08	278	191	P	V
		5149.76	53.77	-0.23	54	43.95	33.69	11.21	35.08	278	191	A	V
	*	5210	102.73	-	-	92.7	33.86	11.25	35.08	278	191	P	V
	*	5210	94.73	-	-	84.7	33.86	11.25	35.08	278	191	A	V
		5364.48	51.72	-22.28	74	40.79	34.25	11.76	35.08	278	191	P	V
		5351.76	43.42	-10.58	54	32.53	34.21	11.76	35.08	278	191	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	45.02	-28.98	74	47.89	39.13	17.17	59.17	100	0	P	H
		15630	45.42	-28.58	74	41.58	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	44.14	-29.86	74	47.01	39.13	17.17	59.17	100	0	P	V
		15630	44.46	-29.54	74	40.62	41.28	19.68	57.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 - 5250~5350MHz

## WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 52 5260MHz		5020.54	49.47	-24.53	74	40.04	33.39	11.11	35.07	376	121	P	H
		5091.78	40.57	-13.43	54	30.94	33.56	11.14	35.07	376	121	A	H
	*	5260	103.75	-	-	93.46	33.99	11.38	35.08	376	121	P	H
	*	5260	96.43	-	-	86.14	33.99	11.38	35.08	376	121	A	H
		5451.6	48.88	-25.12	74	37.61	34.47	11.89	35.09	376	121	P	H
		5421.84	40.88	-13.12	54	29.7	34.38	11.89	35.09	376	121	A	H
		5149.76	50.49	-23.51	74	40.67	33.69	11.21	35.08	258	190	P	V
		5102.7	41.74	-12.26	54	32.07	33.56	11.18	35.07	258	190	A	V
	*	5260	110.96	-	-	100.67	33.99	11.38	35.08	258	190	P	V
	*	5260	103.53	-	-	93.24	33.99	11.38	35.08	258	190	A	V
802.11a CH 60 5300MHz		5414.4	50.85	-23.15	74	39.67	34.38	11.89	35.09	258	190	P	V
		5352.24	42.71	-11.29	54	31.82	34.21	11.76	35.08	258	190	A	V
		5137.8	49.77	-24.23	74	40.02	33.65	11.18	35.08	370	118	P	H
		5136.76	40.77	-13.23	54	31.02	33.65	11.18	35.08	370	118	A	H
	*	5300	103.25	-	-	92.74	34.08	11.51	35.08	370	118	P	H
	*	5300	95.97	-	-	85.46	34.08	11.51	35.08	370	118	A	H
		5451.84	48.9	-25.1	74	37.63	34.47	11.89	35.09	370	118	P	H
		5459.28	40.97	-13.03	54	29.7	34.47	11.89	35.09	370	118	A	H
		5142.48	49.88	-24.12	74	40.06	33.69	11.21	35.08	268	192	P	V
		5142.74	42.04	-11.96	54	32.22	33.69	11.21	35.08	268	192	A	V
	*	5300	111	-	-	100.49	34.08	11.51	35.08	268	192	P	V
	*	5300	103.6	-	-	93.09	34.08	11.51	35.08	268	192	A	V
		5360.4	53.01	-20.99	74	42.12	34.21	11.76	35.08	268	192	P	V
		5351.28	45.37	-8.63	54	34.48	34.21	11.76	35.08	268	192	A	V



802.11a CH 64 5320MHz	*	5320	103.64	-	-	92.97	34.12	11.63	35.08	364	128	P	H
	*	5320	96.48	-	-	85.81	34.12	11.63	35.08	364	128	A	H
		5353.12	51.5	-22.5	74	40.61	34.21	11.76	35.08	364	128	P	H
		5350.08	43.63	-10.37	54	32.74	34.21	11.76	35.08	364	128	A	H
													H
													H
	*	5320	111.19	-	-	100.52	34.12	11.63	35.08	280	195	P	V
	*	5320	103.9	-	-	93.23	34.12	11.63	35.08	280	195	A	V
		5350.72	56.38	-17.62	74	45.49	34.21	11.76	35.08	280	195	P	V
		5350.08	49.43	-4.57	54	38.54	34.21	11.76	35.08	280	195	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

## WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	46.98	-27.02	74	49.71	39.18	17.17	59.08	100	0	P	H
		15780	50.67	-23.33	74	46.4	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	44.37	-29.63	74	47.1	39.18	17.17	59.08	100	0	P	V
		15780	50.92	-23.08	74	46.65	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	45	-29	74	47.73	39.06	17.17	58.96	100	0	P	H
		15900	50.81	-23.19	74	46.16	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	45.28	-28.72	74	48.01	39.06	17.17	58.96	100	0	P	V
		15900	50.83	-23.17	74	46.18	41.79	19.82	56.96			P	V
													V
													V
802.11a CH 64 5320MHz		10640	44.16	-29.84	74	46.89	39.01	17.17	58.91	100	0	P	H
		15960	49.97	-24.03	74	45.09	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.84	-29.16	74	47.57	39.01	17.17	58.91	100	0	P	V
		15960	49.96	-24.04	74	45.08	41.93	19.87	56.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n  HT20  CH 52  5260MHz		5044.2	48.58	-25.42	74	39.11	33.43	11.11	35.07	377	118	P	H
		5106.86	40.61	-13.39	54	30.9	33.6	11.18	35.07	377	118	A	H
	*	5260	103.64	-	-	93.35	33.99	11.38	35.08	377	118	P	H
	*	5260	96.06	-	-	85.77	33.99	11.38	35.08	377	118	A	H
		5427.84	49.03	-24.97	74	37.85	34.38	11.89	35.09	377	118	P	H
		5367.6	40.91	-13.09	54	29.98	34.25	11.76	35.08	377	118	A	H
		5112.32	49.87	-24.13	74	40.16	33.6	11.18	35.07	271	189	P	V
		5102.44	41.74	-12.26	54	32.07	33.56	11.18	35.07	271	189	A	V
	*	5260	110.94	-	-	100.65	33.99	11.38	35.08	271	189	P	V
	*	5260	103.44	-	-	93.15	33.99	11.38	35.08	271	189	A	V
802.11n  HT20  CH 60  5300MHz		5377.2	51.03	-22.97	74	40.11	34.25	11.76	35.09	271	189	P	V
		5417.52	43.04	-10.96	54	31.86	34.38	11.89	35.09	271	189	A	V
		5147.16	50.22	-23.78	74	40.4	33.69	11.21	35.08	370	127	P	H
		5143	40.85	-13.15	54	31.03	33.69	11.21	35.08	370	127	A	H
	*	5300	103.61	-	-	93.1	34.08	11.51	35.08	370	127	P	H
	*	5300	95.9	-	-	85.39	34.08	11.51	35.08	370	127	A	H
		5424.48	49.11	-24.89	74	37.93	34.38	11.89	35.09	370	127	P	H
		5458.08	41.02	-12.98	54	29.75	34.47	11.89	35.09	370	127	A	H
		5141.18	50.21	-23.79	74	40.39	33.69	11.21	35.08	267	190	P	V
		5143.26	42.3	-11.7	54	32.48	33.69	11.21	35.08	267	190	A	V
5300MHz	*	5300	110.99	-	-	100.48	34.08	11.51	35.08	267	190	P	V
	*	5300	103.61	-	-	93.1	34.08	11.51	35.08	267	190	A	V
		5356.56	53.07	-20.93	74	42.18	34.21	11.76	35.08	267	190	P	V
		5350.8	45.19	-8.81	54	34.3	34.21	11.76	35.08	267	190	A	V



	*	5320	103.43	-	-	92.76	34.12	11.63	35.08	362	128	P	H
	*	5320	95.82	-	-	85.15	34.12	11.63	35.08	362	128	A	H
		5350.08	57.89	-16.11	74	47	34.21	11.76	35.08	362	128	P	H
		5350.08	45.68	-8.32	54	34.79	34.21	11.76	35.08	362	128	A	H
802.11n													H
HT20													H
CH 64	*	5320	111.67	-	-	101	34.12	11.63	35.08	280	191	P	V
5320MHz	*	5320	104.13	-	-	93.46	34.12	11.63	35.08	280	191	A	V
		5350.08	60.7	-13.3	74	49.81	34.21	11.76	35.08	280	191	P	V
		5350.08	52.87	-1.13	54	41.98	34.21	11.76	35.08	280	191	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	44.67	-29.33	74	47.4	39.18	17.17	59.08	100	0	P	H
		15780	49.29	-24.71	74	45.02	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	45.32	-28.68	74	48.05	39.18	17.17	59.08	100	0	P	V
		15780	49.03	-24.97	74	44.76	41.55	19.75	57.03	100	0	P	V
													V
802.11n HT20 CH 60 5300MHz		10600	44.74	-29.26	74	47.47	39.06	17.17	58.96	100	0	P	H
		15900	49.74	-24.26	74	45.09	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	45.24	-28.76	74	47.97	39.06	17.17	58.96	100	0	P	V
		15900	49.52	-24.48	74	44.87	41.79	19.82	56.96	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10640	44.65	-29.35	74	47.38	39.01	17.17	58.91	100	0	P	H
		15960	48.99	-25.01	74	44.11	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.61	-29.39	74	47.34	39.01	17.17	58.91	100	0	P	V
		15960	49.81	-24.19	74	44.93	41.93	19.87	56.92	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5143.26	49.38	-24.62	74	39.56	33.69	11.21	35.08	355	252	P	H
		5136.24	41.26	-12.74	54	31.51	33.65	11.18	35.08	355	252	A	H
	*	5270	100.89	-	-	90.47	33.99	11.51	35.08	355	252	P	H
	*	5270	93.42	-	-	83	33.99	11.51	35.08	355	252	A	H
		5404.08	50.26	-23.74	74	39.12	34.34	11.89	35.09	355	252	P	H
		5402.88	41.6	-12.4	54	30.46	34.34	11.89	35.09	355	252	A	H
		5120.64	50.32	-23.68	74	40.62	33.6	11.18	35.08	286	188	P	V
		5111.8	42.42	-11.58	54	32.71	33.6	11.18	35.07	286	188	A	V
	*	5270	108.29	-	-	97.87	33.99	11.51	35.08	286	188	P	V
	*	5270	100.82	-	-	90.4	33.99	11.51	35.08	286	188	A	V
802.11n HT40 CH 62 5310MHz		5369.04	52.29	-21.71	74	41.36	34.25	11.76	35.08	286	188	P	V
		5352.48	45.38	-8.62	54	34.49	34.21	11.76	35.08	286	188	A	V
		5002.6	48.98	-25.02	74	39.68	33.3	11.07	35.07	348	250	P	H
		5140.4	41.37	-12.63	54	31.55	33.69	11.21	35.08	348	250	A	H
	*	5310	98.17	-	-	87.5	34.12	11.63	35.08	348	250	P	H
	*	5310	90.77	-	-	80.1	34.12	11.63	35.08	348	250	A	H
		5350.08	49.99	-24.01	74	39.1	34.21	11.76	35.08	348	250	P	H
		5350.08	44.83	-9.17	54	33.94	34.21	11.76	35.08	348	250	A	H
		5081.38	50.63	-23.37	74	41.04	33.52	11.14	35.07	280	190	P	V
		5144.56	42.31	-11.69	54	32.49	33.69	11.21	35.08	280	190	A	V
Remark	1.	No other spurious found.											
	2.	All results are PASS against Peak and Average limit line.											



## Band 2 5250~5350MHz

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

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n  HT40  CH 54  5270MHz		10540	44.53	-29.47	74	47.26	39.15	17.17	59.05	100	0	P	H
		15810	50.35	-23.65	74	45.97	41.62	19.77	57.01	100	0	P	H
													H
													H
		10540	45.21	-28.79	74	47.94	39.15	17.17	59.05	100	0	P	V
		15810	49.39	-24.61	74	45.01	41.62	19.77	57.01	100	0	P	V
													V
													V
802.11n  HT40  CH 62  5310MHz		10620	44.09	-29.91	74	46.82	39.03	17.17	58.93	100	0	P	H
		15930	48.25	-25.75	74	43.49	41.86	19.84	56.94	100	0	P	H
													H
													H
		10620	44.36	-29.64	74	47.09	39.03	17.17	58.93	100	0	P	V
		15930	47.15	-26.85	74	42.39	41.86	19.84	56.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5134.94	49.24	-24.76	74	39.49	33.65	11.18	35.08	370	124	P	H
		5104	41.12	-12.88	54	31.45	33.56	11.18	35.07	370	124	A	H
	*	5290	94.86	-	-	84.39	34.04	11.51	35.08	370	124	P	H
	*	5290	87.36	-	-	76.89	34.04	11.51	35.08	370	124	A	H
		5352	51.84	-22.16	74	40.95	34.21	11.76	35.08	370	124	P	H
		5352	45.79	-8.21	54	34.9	34.21	11.76	35.08	370	124	A	H
		5144.56	50.33	-23.67	74	40.51	33.69	11.21	35.08	285	188	P	V
		5149.24	42.25	-11.75	54	32.43	33.69	11.21	35.08	285	188	A	V
	*	5290	102.56	-	-	92.09	34.04	11.51	35.08	285	188	P	V
	*	5290	94.96	-	-	84.49	34.04	11.51	35.08	285	188	A	V
		5360.16	58.93	-15.07	74	48.04	34.21	11.76	35.08	285	188	P	V
		5355.84	53.61	-0.39	54	42.72	34.21	11.76	35.08	285	188	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	44.19	-29.81	74	46.92	39.08	17.17	58.98	100	0	P	H
		15870	47.15	-26.85	74	42.54	41.76	19.82	56.97	100	0	P	H
													H
													H
		10580	44.13	-29.87	74	46.86	39.08	17.17	58.98	100	0	P	V
		15870	46.88	-27.12	74	42.27	41.76	19.82	56.97	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 - 5470~5725MHz

## WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 100 5500MHz		5469.36	54.2	-19.8	74	42.89	34.51	11.89	35.09	380	116	P	H
		5469.52	46.66	-7.34	54	35.35	34.51	11.89	35.09	380	116	A	H
	*	5500	106.17	-	-	94.77	34.6	11.89	35.09	380	116	P	H
	*	5500	98.6	-	-	87.2	34.6	11.89	35.09	380	116	A	H
													H
													H
		5468.88	60.87	-13.13	74	49.56	34.51	11.89	35.09	324	208	P	V
		5470	53.32	-0.68	54	42.01	34.51	11.89	35.09	324	208	A	V
	*	5500	111.27	-	-	99.87	34.6	11.89	35.09	324	208	P	V
	*	5500	103.8	-	-	92.4	34.6	11.89	35.09	324	208	A	V
802.11a CH 116 5580MHz													V
		5420.56	52.51	-21.49	74	41.33	34.38	11.89	35.09	374	117	P	H
		5424.16	43.87	-10.13	54	32.69	34.38	11.89	35.09	374	117	A	H
	*	5580	106.21	-	-	94.83	34.6	11.89	35.11	374	117	P	H
	*	5580	98.82	-	-	87.44	34.6	11.89	35.11	374	117	A	H
		5757.65	50.81	-23.19	74	39.26	34.6	12.11	35.16	374	117	P	H
		5741.375	41.52	-12.48	54	29.96	34.6	12.11	35.15	374	117	A	H
		5461.12	53.73	-20.27	74	42.46	34.47	11.89	35.09	349	203	P	V
		5423.2	46.68	-7.32	54	35.5	34.38	11.89	35.09	349	203	A	V
	*	5580	110.36	-	-	98.98	34.6	11.89	35.11	349	203	P	V
	*	5580	102.75	-	-	91.37	34.6	11.89	35.11	349	203	A	V
		5733.85	51.13	-22.87	74	39.62	34.6	12.06	35.15	349	203	P	V
		5736.125	43.49	-10.51	54	31.98	34.6	12.06	35.15	349	203	A	V



	*	5700	104.95	-	-	93.49	34.6	12	35.14	368	110	P	H
802.11a CH 140 5700MHz	*	5700	97.6	-	-	86.14	34.6	12	35.14	368	110	A	H
		5725.8	54.44	-19.56	74	42.92	34.6	12.06	35.14	368	110	P	H
		5725.56	45.19	-8.81	54	33.67	34.6	12.06	35.14	368	110	A	H
													H
													H
	*	5700	109.4	-	-	97.94	34.6	12	35.14	302	186	P	V
	*	5700	101.92	-	-	90.46	34.6	12	35.14	302	186	A	V
		5726.52	59.57	-14.43	74	48.05	34.6	12.06	35.14	302	186	P	V
		5725.16	50.77	-3.23	54	39.25	34.6	12.06	35.14	302	186	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - 5470~5725MHz

## WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	44.77	-29.23	74	47.5	38.5	17.17	58.4	100	0	P	H
		16500	50.67	-23.33	74	43.54	43	20.23	56.1	100	0	P	H
													H
													H
		11000	44.48	-29.52	74	47.21	38.5	17.17	58.4	100	0	P	V
		16500	50.78	-23.22	74	43.65	43	20.23	56.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	43.79	-30.21	74	45.89	38.77	17.16	58.03	100	0	P	H
		16740	51.47	-22.53	74	44.14	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	44.71	-29.29	74	46.81	38.77	17.16	58.03	100	0	P	V
		16740	50.26	-23.74	74	42.93	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	43.83	-30.17	74	45.05	39.14	17.16	57.52	100	0	P	H
		17100	49.34	-24.66	74	41.89	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	43.94	-30.06	74	45.16	39.14	17.16	57.52	100	0	P	V
		17100	49.93	-24.07	74	42.48	42.64	20.65	55.84	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 - 5470~5725MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n  HT20  CH 100  5500MHz		5468.56	52.54	-21.46	74	41.23	34.51	11.89	35.09	376	104	P	H
		5470	44.32	-9.68	54	33.01	34.51	11.89	35.09	376	104	A	H
	*	5500	104.69	-	-	93.29	34.6	11.89	35.09	376	104	P	H
	*	5500	97.34	-	-	85.94	34.6	11.89	35.09	376	104	A	H
													H
													H
		5468.72	57.87	-16.13	74	46.56	34.51	11.89	35.09	279	180	P	V
		5469.68	52.05	-1.95	54	40.74	34.51	11.89	35.09	279	180	A	V
	*	5500	109.53	-	-	98.13	34.6	11.89	35.09	279	180	P	V
	*	5500	102.26	-	-	90.86	34.6	11.89	35.09	279	180	A	V
													V
													V
802.11n  HT20  CH 116  5580MHz		5459.92	49.51	-24.49	74	38.24	34.47	11.89	35.09	363	111	P	H
		5468.08	41.43	-12.57	54	30.12	34.51	11.89	35.09	363	111	A	H
	*	5580	105.02	-	-	93.64	34.6	11.89	35.11	363	111	P	H
	*	5580	97.6	-	-	86.22	34.6	11.89	35.11	363	111	A	H
		5749.95	50.78	-23.22	74	39.22	34.6	12.11	35.15	363	111	P	H
		5737.525	42.31	-11.69	54	30.8	34.6	12.06	35.15	363	111	A	H
		5415.76	50.94	-23.06	74	39.76	34.38	11.89	35.09	300	165	P	V
		5423.44	43.15	-10.85	54	31.97	34.38	11.89	35.09	300	165	A	V
	*	5580	109.72	-	-	98.34	34.6	11.89	35.11	300	165	P	V
	*	5580	102.31	-	-	90.93	34.6	11.89	35.11	300	165	A	V
		5737	52.95	-21.05	74	41.44	34.6	12.06	35.15	300	165	P	V
		5738.75	43.86	-10.14	54	32.35	34.6	12.06	35.15	300	165	A	V



802.11n HT20 CH 140 5700MHz	*	5700	104.31	-	-	92.85	34.6	12	35.14	369	115	P	H
	*	5700	97.09	-	-	85.63	34.6	12	35.14	369	115	A	H
		5725.32	54.41	-19.59	74	42.89	34.6	12.06	35.14	369	115	P	H
		5725	45.73	-8.27	54	34.21	34.6	12.06	35.14	369	115	A	H
													H
													H
	*	5700	109.24	-	-	97.78	34.6	12	35.14	286	183	P	V
	*	5700	101.87	-	-	90.41	34.6	12	35.14	286	183	A	V
		5725.24	59.27	-14.73	74	47.75	34.6	12.06	35.14	286	183	P	V
		5725	51.63	-2.37	54	40.11	34.6	12.06	35.14	286	183	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - 5470~5725MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	44.91	-29.09	74	47.64	38.5	17.17	58.4	100	0	P	H
		16500	50.41	-23.59	74	43.28	43	20.23	56.1	100	0	P	H
													H
													H
		11000	45.09	-28.91	74	47.82	38.5	17.17	58.4	100	0	P	V
		16500	50.48	-23.52	74	43.35	43	20.23	56.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	45.3	-28.7	74	47.4	38.77	17.16	58.03	100	0	P	H
		16740	50.45	-23.55	74	43.12	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	44.43	-29.57	74	46.53	38.77	17.16	58.03	100	0	P	V
		16740	50.96	-23.04	74	43.63	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.79	-29.21	74	46.01	39.14	17.16	57.52	100	0	P	H
		17100	49.44	-24.56	74	41.99	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	45.45	-28.55	74	46.67	39.14	17.16	57.52	100	0	P	V
		17100	49.13	-24.87	74	41.68	42.64	20.65	55.84	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 - 5470~5725MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5424.64	49.94	-24.06	74	38.76	34.38	11.89	35.09	373	104	P	H
		5470	45.3	-8.7	54	33.99	34.51	11.89	35.09	373	104	A	H
	*	5510	102.09	-	-	90.7	34.6	11.89	35.1	373	104	P	H
	*	5510	95.39	-	-	84	34.6	11.89	35.1	373	104	A	H
		5759.575	50.05	-23.95	74	38.5	34.6	12.11	35.16	373	104	P	H
		5757.825	42.2	-11.8	54	30.65	34.6	12.11	35.16	373	104	A	H
		5464.72	59.44	-14.56	74	48.13	34.51	11.89	35.09	293	180	P	V
		5467.84	53	-1	54	41.69	34.51	11.89	35.09	293	180	P	V
	*	5510	107.6	-	-	96.21	34.6	11.89	35.1	293	180	P	V
	*	5510	100.29	-	-	88.9	34.6	11.89	35.1	293	180	A	V
802.11n HT40 CH 110 5550MHz		5752.75	52.59	-21.41	74	41.03	34.6	12.11	35.15	293	180	P	V
		5747.5	43.71	-10.29	54	32.15	34.6	12.11	35.15	293	180	A	V
		5450.8	50.36	-23.64	74	39.09	34.47	11.89	35.09	351	115	P	H
		5458.48	42.97	-11.03	54	31.7	34.47	11.89	35.09	351	115	A	H
	*	5550	102.99	-	-	91.6	34.6	11.89	35.1	351	115	P	H
	*	5550	95.39	-	-	84	34.6	11.89	35.1	351	115	A	H
		5750.125	50.48	-23.52	74	38.92	34.6	12.11	35.15	351	115	P	H
		5731.225	42.03	-11.97	54	30.52	34.6	12.06	35.15	351	115	A	H
		5469.04	54.46	-19.54	74	43.15	34.51	11.89	35.09	286	194	P	V
		5468.32	48.06	-5.94	54	36.75	34.51	11.89	35.09	286	194	A	V
802.11n HT40 CH 110 5550MHz	*	5550	108.69	-	-	97.3	34.6	11.89	35.1	286	194	P	V
	*	5550	100.99	-	-	89.6	34.6	11.89	35.1	286	194	A	V
		5753.1	49.97	-24.03	74	38.41	34.6	12.11	35.15	286	194	P	V
		5727.375	42.98	-11.02	54	31.46	34.6	12.06	35.14	286	194	A	V



		5453.92	48.34	-25.66	74	37.07	34.47	11.89	35.09	372	113	P	H
		5464.24	41.73	-12.27	54	30.42	34.51	11.89	35.09	372	113	A	H
	*	5670	103.17	-	-	91.7	34.6	12	35.13	372	113	P	H
	*	5670	94.97	-	-	83.5	34.6	12	35.13	372	113	A	H
		5727.9	51.72	-22.28	74	40.2	34.6	12.06	35.14	372	113	P	H
	HT40	5727.375	45.46	-8.54	54	33.94	34.6	12.06	35.14	372	113	A	H
	CH 134	5359.84	49.86	-24.14	74	38.97	34.21	11.76	35.08	274	199	P	V
	5670MHz	5361.28	42.79	-11.21	54	31.86	34.25	11.76	35.08	274	199	A	V
	*	5670	107.87	-	-	96.4	34.6	12	35.13	274	199	P	V
	*	5670	99.87	-	-	88.4	34.6	12	35.13	274	199	A	V
		5727.9	59.02	-14.98	74	47.5	34.6	12.06	35.14	274	199	P	V
		5727.55	52.31	-1.69	54	40.79	34.6	12.06	35.14	274	199	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - 5470~5725MHz

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

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	44.48	-29.52	74	47.14	38.53	17.17	58.36	100	0	P	H
		16530	50.46	-23.54	74	43.3	42.99	20.25	56.08	100	0	P	H
													H
													H
		11020	44.14	-29.86	74	46.8	38.53	17.17	58.36	100	0	P	V
		16530	49.48	-24.52	74	42.32	42.99	20.25	56.08	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.2	-29.8	74	46.56	38.66	17.16	58.18	100	0	P	H
		16650	49.95	-24.05	74	42.68	42.94	20.34	56.01	100	0	P	H
													H
													H
		11100	43.76	-30.24	74	46.12	38.66	17.16	58.18	100	0	P	V
		16650	55.07	-18.93	74	47.8	42.94	20.34	56.01	100	225	P	V
		16650	45.99	-8.01	54	38.72	42.94	20.34	56.01	100	225	A	V
													V
802.11n HT40 CH 134 5670MHz		11340	43.21	-30.79	74	44.69	39.03	17.16	57.67	100	0	P	H
		17010	48.6	-25.4	74	41.05	42.77	20.59	55.81	100	0	P	H
													H
													H
		11340	42.6	-31.4	74	44.08	39.03	17.16	57.67	100	0	P	V
		17010	49.62	-24.38	74	42.07	42.77	20.59	55.81	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 - 5470~5725MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5443.6	52.88	-21.12	74	41.65	34.43	11.89	35.09	372	114	P	H
		5434.96	46.04	-7.96	54	34.81	34.43	11.89	35.09	372	114	A	H
	*	5530	96.79	-	-	85.4	34.6	11.89	35.1	372	114	P	H
	*	5530	88.99	-	-	77.6	34.6	11.89	35.1	372	114	A	H
		5757.3	50.01	-23.99	74	38.46	34.6	12.11	35.16	372	114	P	H
		5739.275	42.12	-11.88	54	30.61	34.6	12.06	35.15	372	114	A	H
		5457.76	59.26	-14.74	74	47.99	34.47	11.89	35.09	288	181	P	V
		5447.2	52.22	-1.78	54	40.95	34.47	11.89	35.09	288	181	A	V
	*	5530	100.99	-	-	89.6	34.6	11.89	35.1	288	181	P	V
	*	5530	93.49	-	-	82.1	34.6	11.89	35.1	288	181	A	V
		5740.675	50.46	-23.54	74	38.9	34.6	12.11	35.15	288	181	P	V
		5758.7	42.85	-11.15	54	31.3	34.6	12.11	35.16	288	181	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 5470~5725MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	43.89	-30.11	74	46.37	38.61	17.16	58.25	100	0	P	H
		16590	48.28	-25.72	74	41.05	42.97	20.31	56.05	100	0	P	H
													H
													H
		11060	44.94	-29.06	74	47.42	38.61	17.16	58.25	100	0	P	V
		16590	49.39	-24.61	74	42.16	42.97	20.31	56.05	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 144 5720MHz	*	5720	104.16	-	-	92.64	34.6	12.06	35.14	364	112	P	H
	*	5720	96.61	-	-	85.09	34.6	12.06	35.14	364	112	A	H
													H
													H
													H
													H
	*	5720	108.83	-	-	97.31	34.6	12.06	35.14	300	183	P	V
	*	5720	101.39	-	-	89.87	34.6	12.06	35.14	300	183	A	V
													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 (Harmonic @ 3m)**

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	45.04	-28.96	74	46.14	39.19	17.16	57.45	100	0	P	H
		17160	49.92	-24.08	74	42.56	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	43.48	-30.52	74	44.58	39.19	17.16	57.45	100	0	P	V
		17160	49.57	-24.43	74	42.21	42.53	20.7	55.87	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 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 144 5720MHz	*	5720	103.79	-	-	92.27	34.6	12.06	35.14	366	109	P	H
	*	5720	96.45	-	-	84.93	34.6	12.06	35.14	366	109	A	H
													H
													H
													H
													H
													H
	*	5720	108.87	-	-	97.35	34.6	12.06	35.14	300	183	P	V
	*	5720	101.57	-	-	90.05	34.6	12.06	35.14	300	183	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - Straddle Channel

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

WIFI Ant. 2	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 )	Cable 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	44.31	-29.69	74	45.41	39.19	17.16	57.45	100	0	P	H
		17160	50.05	-23.95	74	42.69	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	44.41	-29.59	74	45.51	39.19	17.16	57.45	100	0	P	V
		17160	49.39	-24.61	74	42.03	42.53	20.7	55.87	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 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz	*	5710	102.81	-	-	91.29	34.6	12.06	35.14	368	116	P	H
	*	5710	94.91	-	-	83.39	34.6	12.06	35.14	368	116	A	H
													H
													H
													H
													H
	*	5710	107.91	-	-	96.39	34.6	12.06	35.14	303	182	P	V
	*	5710	99.71	-	-	88.19	34.6	12.06	35.14	303	182	A	V
													V
													V
													V
	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												



## Band 3 - Straddle Channel

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

WIFI Ant. 2	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 )	Cable 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	42.9	-31.1	74	44.05	39.17	17.16	57.48	100	0	P	H
		17130	48.39	-25.61	74	40.98	42.59	20.67	55.85	100	0	P	H
													H
													H
		11420	43.26	-30.74	74	44.41	39.17	17.16	57.48	100	0	P	V
		17130	48.24	-25.76	74	40.83	42.59	20.67	55.85	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 138 5690MHz	*	5690	99.46	-	-	88	34.6	12	35.14	367	110	P	H
	*	5690	91.56	-	-	80.1	34.6	12	35.14	367	110	A	H
													H
													H
													H
													H
	*	5690	104.56	-	-	93.1	34.6	12	35.14	303	177	P	V
	*	5690	96.66	-	-	85.2	34.6	12	35.14	303	177	A	V
													V
													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 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	43.41	-30.59	74	44.7	39.11	17.16	57.56	100	0	P	H
		17070	48.49	-25.51	74	40.98	42.69	20.65	55.83	100	0	P	H
													H
													H
		11380	42.61	-31.39	74	43.9	39.11	17.16	57.56	100	0	P	V
		17070	49.2	-24.8	74	41.69	42.69	20.65	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Emission below 1GHz

## WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 VHT80 LF		30	28.23	-11.77	40	32.51	26	1.07	31.35	100	0	P	H
		167.97	27.37	-16.13	43.5	40.88	16.2	1.78	31.49			P	H
		278.4	26.9	-19.1	46	36.58	19.32	2.32	31.32			P	H
		692.7	29.69	-16.31	46	30.45	26.32	3.65	30.73			P	H
		854.4	31.49	-14.51	46	29.22	28.73	4.1	30.56			P	H
		947.5	33.83	-12.17	46	30.14	30.15	4.07	30.53			P	H
													H
													H
													H
													H
													H
													H
													H
													V
		61.05	35.27	-4.73	40	53.5	12.07	1.28	31.58	100	0	P	V
		147.72	28.36	-15.14	43.5	40.3	17.78	1.78	31.5			P	V
		259.77	30.5	-15.5	46	39.79	20	2.07	31.36			P	V
		742.4	30.11	-15.89	46	29.88	27.07	3.82	30.66			P	V
		847.4	31.71	-14.29	46	29.52	28.66	4.1	30.57			P	V
		928.6	32.59	-13.41	46	29.32	29.68	4.12	30.53			P	V
													V
													V
													V
													V
													V
													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 or Average</b>
H/V	<b>Horizontal or Vertical</b>



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

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

$$1. \text{ Level(dB}\mu\text{V/m)} =$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$2. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

#### For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 55.45 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

#### For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 43.54 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

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



## Band 1 - 5150~5250MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 36 5180MHz		5147.16	51.7	-22.3	74	41.88	33.69	11.21	35.08	368	115	P	H
		5149.76	44.8	-9.2	54	34.98	33.69	11.21	35.08	368	115	A	H
	*	5180	107.66	-	-	97.75	33.78	11.21	35.08	368	115	P	H
	*	5180	100.89	-	-	90.98	33.78	11.21	35.08	368	115	A	H
													H
													H
		5150	55.44	-18.56	74	45.62	33.69	11.21	35.08	306	218	P	V
		5150	48.37	-5.63	54	38.55	33.69	11.21	35.08	306	218	A	V
	*	5180	112.18	-	-	102.27	33.78	11.21	35.08	306	218	P	V
	*	5180	105.28	-	-	95.37	33.78	11.21	35.08	306	218	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5137.02	50.9	-23.1	74	41.15	33.65	11.18	35.08	380	122	P	H
		5128.44	43.07	-10.93	54	33.32	33.65	11.18	35.08	380	122	A	H
	*	5220	106.9	-	-	96.87	33.86	11.25	35.08	380	122	P	H
	*	5220	100.28	-	-	90.25	33.86	11.25	35.08	380	122	A	H
		5373.6	50.3	-23.7	74	39.38	34.25	11.76	35.09	380	122	P	H
		5459.52	42.42	-11.58	54	31.15	34.47	11.89	35.09	380	122	A	H
		5124.54	53.61	-20.39	74	43.86	33.65	11.18	35.08	306	218	P	V
		5149.5	45.97	-8.03	54	36.15	33.69	11.21	35.08	306	218	A	V
	*	5220	112.53	-	-	102.5	33.86	11.25	35.08	306	218	P	V
	*	5220	105.69	-	-	95.66	33.86	11.25	35.08	306	218	A	V
		5370	51.32	-22.68	74	40.39	34.25	11.76	35.08	306	218	P	V
		5383.44	44.8	-9.2	54	33.7	34.3	11.89	35.09	306	218	A	V



		5134.94	50.2	-23.8	74	40.45	33.65	11.18	35.08	380	122	P	H	
		5112.84	42.86	-11.14	54	33.15	33.6	11.18	35.07	380	122	A	H	
	*	5240	107.75	-	-	97.54	33.91	11.38	35.08	380	122	P	H	
	*	5240	100.77	-	-	90.56	33.91	11.38	35.08	380	122	A	H	
		5435.76	49.58	-24.42	74	38.35	34.43	11.89	35.09	380	122	P	H	
	<b>802.11n</b>	5403.6	42.77	-11.23	54	31.63	34.34	11.89	35.09	380	122	A	H	
	<b>HT20</b>	5135.46	53.03	-20.97	74	43.28	33.65	11.18	35.08	271	192	P	V	
	<b>CH 48</b>	5086.84	47.25	-6.75	54	37.66	33.52	11.14	35.07	271	192	A	V	
	<b>5240MHz</b>	*	5240	114.39	-	-	104.18	33.91	11.38	35.08	271	192	P	V
		*	5240	107.18	-	-	96.97	33.91	11.38	35.08	271	192	A	V
			5401.92	52.91	-21.09	74	41.77	34.34	11.89	35.09	271	192	P	V
			5401.68	46.47	-7.53	54	35.33	34.34	11.89	35.09	271	192	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. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	43.63	-30.37	74	46.58	39.09	17.17	59.21	100	0	P	H
		15540	50.44	-23.56	74	46.94	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	43.94	-30.06	74	46.89	39.09	17.17	59.21	100	0	P	V
		15540	50.94	-23.06	74	47.44	41.07	19.61	57.18	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	44.54	-29.46	74	47.37	39.15	17.17	59.15	100	0	P	H
		15660	45.82	-28.18	74	41.94	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	45.14	-28.86	74	47.97	39.15	17.17	59.15	100	0	P	V
		15660	45.49	-28.51	74	41.61	41.31	19.68	57.11	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	44.81	-29.19	74	47.56	39.19	17.17	59.11	100	0	P	H
		15720	46.28	-27.72	74	42.17	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	44.74	-29.26	74	47.49	39.19	17.17	59.11	100	0	P	V
		15720	46.77	-27.23	74	42.66	41.45	19.73	57.07	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

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

WIFI Ant. 1+2	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 )	Cable 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	52.11	-21.89	74	42.29	33.69	11.21	35.08	283	256	P	H
		5150	45.84	-8.16	54	36.02	33.69	11.21	35.08	283	256	A	H
	*	5190	101.99	-	-	92.04	33.78	11.25	35.08	283	256	P	H
	*	5190	94.45	-	-	84.5	33.78	11.25	35.08	283	256	A	H
		5443.44	49.64	-24.36	74	38.41	34.43	11.89	35.09	283	256	P	H
		5455.44	41.62	-12.38	54	30.35	34.47	11.89	35.09	283	256	A	H
		5138.84	57.54	-16.46	74	47.79	33.65	11.18	35.08	261	205	P	V
		5149.5	51.49	-2.51	54	41.67	33.69	11.21	35.08	261	205	A	V
	*	5190	109.83	-	-	99.88	33.78	11.25	35.08	261	205	P	V
	*	5190	102.14	-	-	92.19	33.78	11.25	35.08	261	205	A	V
802.11n HT40 CH 46 5230MHz		5441.52	51.99	-22.01	74	40.76	34.43	11.89	35.09	261	205	P	V
		5351.28	44.62	-9.38	54	33.73	34.21	11.76	35.08	261	205	A	V
		5120.38	50.47	-23.53	74	40.77	33.6	11.18	35.08	322	106	P	H
		5132.08	42.27	-11.73	54	32.52	33.65	11.18	35.08	322	106	A	H
	*	5230	102.97	-	-	92.76	33.91	11.38	35.08	322	106	P	H
	*	5230	95.69	-	-	85.48	33.91	11.38	35.08	322	106	A	H
		5371.2	49.6	-24.4	74	38.67	34.25	11.76	35.08	322	106	P	H
		5385.12	42.16	-11.84	54	31.06	34.3	11.89	35.09	322	106	A	H
		5148.98	53.28	-20.72	74	43.46	33.69	11.21	35.08	244	210	P	V
		5146.9	46.56	-7.44	54	36.74	33.69	11.21	35.08	244	210	A	V
Remark	1.	No other spurious found.											
	2.	All results are PASS against Peak and Average limit line.											



## Band 1 5150~5250MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	43.7	-30.3	74	46.61	39.11	17.17	59.19	100	0	P	H
		15570	45.26	-28.74	74	41.65	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	43.54	-30.46	74	46.45	39.11	17.17	59.19	100	0	P	V
		15570	47.57	-26.43	74	43.96	41.14	19.63	57.16	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.75	-29.25	74	47.56	39.16	17.17	59.14	100	0	P	H
		15690	46.22	-27.78	74	42.23	41.38	19.7	57.09	100	0	P	H
													H
													H
		10460	44.14	-29.86	74	46.95	39.16	17.17	59.14	100	0	P	V
		15690	46.54	-27.46	74	42.55	41.38	19.7	57.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5138.32	55.58	-18.42	74	45.83	33.65	11.18	35.08	367	111	P	H
		5150	49.53	-4.47	54	39.71	33.69	11.21	35.08	367	111	A	H
	*	5210	100.09	-	-	90.06	33.86	11.25	35.08	367	111	P	H
	*	5210	92.69	-	-	82.66	33.86	11.25	35.08	367	111	A	H
		5441.28	49.23	-24.77	74	38	34.43	11.89	35.09	367	111	P	H
		5457.84	44.3	-9.7	54	33.03	34.47	11.89	35.09	367	111	A	H
		5138.32	59.33	-14.67	74	49.58	33.65	11.18	35.08	274	213	P	V
		5143.78	53.33	-0.67	54	43.51	33.69	11.21	35.08	274	213	A	V
	*	5210	104.39	-	-	94.36	33.86	11.25	35.08	274	213	P	V
	*	5210	98.39	-	-	88.36	33.86	11.25	35.08	274	213	A	V
		5428.56	51.21	-22.79	74	39.98	34.43	11.89	35.09	274	213	P	V
		5380.56	45.48	-8.52	54	34.38	34.3	11.89	35.09	274	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 1 5150~5250MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.15	-29.85	74	47.02	39.13	17.17	59.17	100	0	P	H
		15630	45.41	-28.59	74	41.57	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	44.11	-29.89	74	46.98	39.13	17.17	59.17	100	0	P	V
		15630	45.94	-28.06	74	42.1	41.28	19.68	57.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n  HT20  CH 52  5260MHz		5150	51.15	-22.85	74	41.33	33.69	11.21	35.08	378	113	P	H
		5138.84	42.19	-11.81	54	32.44	33.65	11.18	35.08	378	113	A	H
	*	5260	107.14	-	-	96.85	33.99	11.38	35.08	378	113	P	H
	*	5260	100.2	-	-	89.91	33.99	11.38	35.08	378	113	A	H
		5359.92	49.99	-24.01	74	39.1	34.21	11.76	35.08	378	113	P	H
		5419.44	42.76	-11.24	54	31.58	34.38	11.89	35.09	378	113	A	H
		5137.54	53.19	-20.81	74	43.44	33.65	11.18	35.08	285	189	P	V
		5102.44	45.38	-8.62	54	35.71	33.56	11.18	35.07	285	189	A	V
	*	5260	114.54	-	-	104.25	33.99	11.38	35.08	285	189	P	V
	*	5260	106.78	-	-	96.49	33.99	11.38	35.08	285	189	A	V
802.11n  HT20  CH 60  5300MHz		5416.08	52.8	-21.2	74	41.62	34.38	11.89	35.09	285	189	P	V
		5417.52	46.52	-7.48	54	35.34	34.38	11.89	35.09	285	189	A	V
		5135.46	49.75	-24.25	74	40	33.65	11.18	35.08	380	120	P	H
		5138.32	42.62	-11.38	54	32.87	33.65	11.18	35.08	380	120	A	H
	*	5300	103.81	-	-	93.3	34.08	11.51	35.08	380	120	P	H
	*	5300	96.66	-	-	86.15	34.08	11.51	35.08	380	120	A	H
		5364	50.28	-23.72	74	39.35	34.25	11.76	35.08	380	120	P	H
		5388.48	43.33	-10.67	54	32.23	34.3	11.89	35.09	380	120	A	H
		5144.56	53.24	-20.76	74	43.42	33.69	11.21	35.08	298	188	P	V
		5137.02	46.13	-7.87	54	36.38	33.65	11.18	35.08	298	188	A	V
802.11n  HT20  CH 60  5300MHz	*	5300	114.5	-	-	103.99	34.08	11.51	35.08	298	188	P	V
	*	5300	107.4	-	-	96.89	34.08	11.51	35.08	298	188	A	V
		5376.48	53.5	-20.5	74	42.58	34.25	11.76	35.09	298	188	P	V
		5357.28	46.83	-7.17	54	35.94	34.21	11.76	35.08	298	188	A	V



	*	5320	107.08	-	-	96.41	34.12	11.63	35.08	367	113	P	H
	*	5320	100.26	-	-	89.59	34.12	11.63	35.08	367	113	A	H
		5350.88	54.26	-19.74	74	43.37	34.21	11.76	35.08	367	113	P	H
		5350.72	46.56	-7.44	54	35.67	34.21	11.76	35.08	367	113	A	H
802.11n													H
HT20													H
CH 64	*	5320	113.91	-	-	103.24	34.12	11.63	35.08	310	188	P	V
5320MHz	*	5320	107.24	-	-	96.57	34.12	11.63	35.08	310	188	A	V
		5350.24	58.12	-15.88	74	47.23	34.21	11.76	35.08	310	188	P	V
		5350.56	51.01	-2.99	54	40.12	34.21	11.76	35.08	310	188	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	44.11	-29.89	74	46.84	39.18	17.17	59.08	100	0	P	H
		15780	46.53	-27.47	74	42.26	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	43.38	-30.62	74	46.11	39.18	17.17	59.08	100	0	P	V
		15780	46.13	-27.87	74	41.86	41.55	19.75	57.03	100	0	P	V
													V
802.11n HT20 CH 60 5300MHz		10600	43.99	-30.01	74	46.72	39.06	17.17	58.96	100	0	P	H
		15900	45.69	-28.31	74	41.04	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	43.38	-30.62	74	46.11	39.06	17.17	58.96	100	0	P	V
		15900	46.71	-27.29	74	42.06	41.79	19.82	56.96	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10640	43.5	-30.5	74	46.23	39.01	17.17	58.91	100	0	P	H
		15960	45.26	-28.74	74	40.38	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	43.47	-30.53	74	46.2	39.01	17.17	58.91	100	0	P	V
		15960	45.22	-28.78	74	40.34	41.93	19.87	56.92	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5114.4	49.77	-24.23	74	40.06	33.6	11.18	35.07	300	127	P	H
		5113.1	42.18	-11.82	54	32.47	33.6	11.18	35.07	300	127	A	H
	*	5270	102.23	-	-	91.81	33.99	11.51	35.08	300	127	P	H
	*	5270	94.59	-	-	84.17	33.99	11.51	35.08	300	127	A	H
		5432.64	50.73	-23.27	74	39.5	34.43	11.89	35.09	300	127	P	H
		5407.44	41.83	-12.17	54	30.69	34.34	11.89	35.09	300	127	A	H
		5119.86	52.07	-21.93	74	42.37	33.6	11.18	35.08	258	188	P	V
		5121.42	44.25	-9.75	54	34.55	33.6	11.18	35.08	258	188	A	V
	*	5270	110.86	-	-	100.44	33.99	11.51	35.08	258	188	P	V
	*	5270	103.13	-	-	92.71	33.99	11.51	35.08	258	188	A	V
802.11n HT40 CH 62 5310MHz		5358.48	53.21	-20.79	74	42.32	34.21	11.76	35.08	258	188	P	V
		5362.32	45.96	-8.04	54	35.03	34.25	11.76	35.08	258	188	A	V
		5077.48	49.6	-24.4	74	40.01	33.52	11.14	35.07	346	104	P	H
		5145.86	41.8	-12.2	54	31.98	33.69	11.21	35.08	346	104	A	H
	*	5310	101.5	-	-	90.83	34.12	11.63	35.08	346	104	P	H
	*	5310	93.89	-	-	83.22	34.12	11.63	35.08	346	104	A	H
		5350.56	52.24	-21.76	74	41.35	34.21	11.76	35.08	346	104	P	H
		5350.08	45.47	-8.53	54	34.58	34.21	11.76	35.08	346	104	A	H
		5143.78	51.06	-22.94	74	41.24	33.69	11.21	35.08	263	209	P	V
		5138.58	43.78	-10.22	54	34.03	33.65	11.18	35.08	263	209	A	V
Remark	*	5310	107.4	-	-	96.73	34.12	11.63	35.08	263	209	P	V
	*	5310	100.19	-	-	89.52	34.12	11.63	35.08	263	209	A	V
		5350.08	58.01	-15.99	74	47.12	34.21	11.76	35.08	263	209	P	V
		5350.08	50.32	-3.68	54	39.43	34.21	11.76	35.08	263	209	A	V



## Band 2 5250~5350MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	43.42	-30.58	74	46.15	39.15	17.17	59.05	100	0	P	H
		15810	45.42	-28.58	74	41.04	41.62	19.77	57.01	100	0	P	H
													H
													H
		10540	44.2	-29.8	74	46.93	39.15	17.17	59.05	100	0	P	V
		15810	45.85	-28.15	74	41.47	41.62	19.77	57.01	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	43.61	-30.39	74	46.34	39.03	17.17	58.93	100	0	P	H
		15930	46.27	-27.73	74	41.51	41.86	19.84	56.94	100	0	P	H
													H
													H
		10620	43.24	-30.76	74	45.97	39.03	17.17	58.93	100	0	P	V
		15930	45.47	-28.53	74	40.71	41.86	19.84	56.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 2 5250~5350MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5148.2	51.07	-22.93	74	41.25	33.69	11.21	35.08	334	108	P	H
		5142.22	44.52	-9.48	54	34.7	33.69	11.21	35.08	334	108	A	H
	*	5290	98.46	-	-	87.99	34.04	11.51	35.08	334	108	P	H
	*	5290	91.46	-	-	80.99	34.04	11.51	35.08	334	108	A	H
		5355.36	53.67	-20.33	74	42.78	34.21	11.76	35.08	334	108	P	H
		5350.56	48.17	-5.83	54	37.28	34.21	11.76	35.08	334	108	A	H
		5114.92	51.42	-22.58	74	41.71	33.6	11.18	35.07	282	186	P	V
		5141.96	45.17	-8.83	54	35.35	33.69	11.21	35.08	282	186	A	V
	*	5290	102.96	-	-	92.49	34.04	11.51	35.08	282	186	P	V
	*	5290	97.86	-	-	87.39	34.04	11.51	35.08	282	186	A	V
		5350.32	59.81	-14.19	74	48.92	34.21	11.76	35.08	282	186	P	V
		5352.72	53.78	-0.22	54	42.89	34.21	11.76	35.08	282	186	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 (Harmonic @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	43.7	-30.3	74	46.43	39.08	17.17	58.98	100	0	P	H
		15870	46.3	-27.7	74	41.69	41.76	19.82	56.97	100	0	P	H
													H
													H
		10580	44.29	-29.71	74	47.02	39.08	17.17	58.98	100	0	P	V
		15870	47.55	-26.45	74	42.94	41.76	19.82	56.97	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 - 5470~5725MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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		5467.6	51.13	-22.87	74	39.82	34.51	11.89	35.09	380	114	P	H
		5467.6	44.91	-9.09	54	33.6	34.51	11.89	35.09	380	114	A	H
	*	5500	108.58	-	-	97.18	34.6	11.89	35.09	380	114	P	H
	*	5500	101.32	-	-	89.92	34.6	11.89	35.09	380	114	A	H
													H
													H
CH 100		5460.88	55.05	-18.95	74	43.78	34.47	11.89	35.09	305	179	P	V
5500MHz		5466.48	50.03	-3.97	54	38.72	34.51	11.89	35.09	305	179	A	V
	*	5500	113.84	-	-	102.44	34.6	11.89	35.09	305	179	P	V
	*	5500	106.78	-	-	95.38	34.6	11.89	35.09	305	179	A	V
													V
													V
802.11n HT20		5465.68	51.81	-22.19	74	40.5	34.51	11.89	35.09	371	119	P	H
		5424.16	43.63	-10.37	54	32.45	34.38	11.89	35.09	371	119	A	H
	*	5580	107.96	-	-	96.58	34.6	11.89	35.11	371	119	P	H
	*	5580	100.6	-	-	89.22	34.6	11.89	35.11	371	119	A	H
		5734.375	51.75	-22.25	74	40.24	34.6	12.06	35.15	371	119	P	H
		5735.775	42.79	-11.21	54	31.28	34.6	12.06	35.15	371	119	A	H
CH 116		5423.92	52.62	-21.38	74	41.44	34.38	11.89	35.09	310	183	P	V
5580MHz		5418.16	46.53	-7.47	54	35.35	34.38	11.89	35.09	310	183	A	V
	*	5580	114.4	-	-	103.02	34.6	11.89	35.11	310	183	P	V
	*	5580	106.58	-	-	95.2	34.6	11.89	35.11	310	183	A	V
		5743.475	53.99	-20.01	74	42.43	34.6	12.11	35.15	310	183	P	V
		5738.05	45.89	-8.11	54	34.38	34.6	12.06	35.15	310	183	A	V



802.11n HT20 CH 140 5700MHz	*	5700	107.89	-	-	96.43	34.6	12	35.14	371	115	P	H
	*	5700	100.83	-	-	89.37	34.6	12	35.14	371	115	A	H
		5725.88	53.38	-20.62	74	41.86	34.6	12.06	35.14	371	115	P	H
		5725	46.82	-7.18	54	35.3	34.6	12.06	35.14	371	115	A	H
													H
													H
	*	5700	113.92	-	-	102.46	34.6	12	35.14	302	182	P	V
	*	5700	106.74	-	-	95.28	34.6	12	35.14	302	182	A	V
		5727.96	61.11	-12.89	74	49.59	34.6	12.06	35.14	302	182	P	V
		5727.64	52.42	-1.58	54	40.9	34.6	12.06	35.14	302	182	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	43.81	-30.19	74	46.54	38.5	17.17	58.4	100	0	P	H
		16500	49.14	-24.86	74	42.01	43	20.23	56.1	100	0	P	H
													H
													H
		11000	44.84	-29.16	74	47.57	38.5	17.17	58.4	100	0	P	V
		16500	48.11	-25.89	74	40.98	43	20.23	56.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	43.8	-30.2	74	45.9	38.77	17.16	58.03	100	0	P	H
		16740	48.37	-25.63	74	41.04	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	43.53	-30.47	74	45.63	38.77	17.16	58.03	100	0	P	V
		16740	49.16	-24.84	74	41.83	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	43.48	-30.52	74	44.7	39.14	17.16	57.52	100	0	P	H
		17100	50.61	-23.39	74	43.16	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	43.6	-30.4	74	44.82	39.14	17.16	57.52	100	0	P	V
		17100	48.11	-25.89	74	40.66	42.64	20.65	55.84	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 - 5470~5725MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5453.68	50.5	-23.5	74	39.23	34.47	11.89	35.09	329	88	P	H
		5469.76	43.9	-10.1	54	32.59	34.51	11.89	35.09	329	88	A	H
	*	5510	101.52	-	-	90.13	34.6	11.89	35.1	329	88	P	H
	*	5510	93.58	-	-	82.19	34.6	11.89	35.1	329	88	A	H
		5736.825	49.94	-24.06	74	38.43	34.6	12.06	35.15	329	88	P	H
		5739.8	42.29	-11.71	54	30.78	34.6	12.06	35.15	329	88	A	H
		5467.36	57.44	-16.56	74	46.13	34.51	11.89	35.09	276	189	P	V
		5470	53.2	-0.8	54	41.89	34.51	11.89	35.09	276	189	A	V
	*	5510	110.1	-	-	98.71	34.6	11.89	35.1	276	189	P	V
	*	5510	102.26	-	-	90.87	34.6	11.89	35.1	276	189	A	V
802.11n HT40 CH 110 5550MHz		5739.8	51.86	-22.14	74	40.35	34.6	12.06	35.15	276	189	P	V
		5744.175	43.91	-10.09	54	32.35	34.6	12.11	35.15	276	189	A	V
		5448.16	51.23	-22.77	74	39.96	34.47	11.89	35.09	377	111	P	H
		5458.96	43.88	-10.12	54	32.61	34.47	11.89	35.09	377	111	A	H
	*	5550	105.08	-	-	93.69	34.6	11.89	35.1	377	111	P	H
	*	5550	97.76	-	-	86.37	34.6	11.89	35.1	377	111	A	H
		5737.875	50.75	-23.25	74	39.24	34.6	12.06	35.15	377	111	P	H
		5759.225	42.1	-11.9	54	30.55	34.6	12.11	35.16	377	111	A	H
		5461.36	52.99	-21.01	74	41.72	34.47	11.89	35.09	286	167	P	V
		5467.6	45.89	-8.11	54	34.58	34.51	11.89	35.09	286	167	A	V



		5459.44	49.5	-24.5	74	38.23	34.47	11.89	35.09	377	117	P	H
		5440.96	42.55	-11.45	54	31.32	34.43	11.89	35.09	377	117	A	H
	*	5670	106.01	-	-	94.54	34.6	12	35.13	377	117	P	H
	*	5670	97.43	-	-	85.96	34.6	12	35.13	377	117	A	H
		5726.85	52.43	-21.57	74	40.91	34.6	12.06	35.14	377	117	P	H
	HT40	5739.625	43.62	-10.38	54	32.11	34.6	12.06	35.15	377	117	A	H
	CH 134	5436.4	53.37	-20.63	74	42.14	34.43	11.89	35.09	249	206	P	V
	5670MHz	5437.6	45.73	-8.27	54	34.5	34.43	11.89	35.09	249	206	A	V
	*	5670	110.07	-	-	98.6	34.6	12	35.13	249	206	P	V
	*	5670	102.46	-	-	90.99	34.6	12	35.13	249	206	A	V
		5729.475	55.89	-18.11	74	44.37	34.6	12.06	35.14	249	206	P	V
		5725.275	47.21	-6.79	54	35.69	34.6	12.06	35.14	249	206	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	43.57	-30.43	74	46.23	38.53	17.17	58.36	100	0	P	H
		16530	48.3	-25.7	74	41.14	42.99	20.25	56.08	100	0	P	H
													H
													H
		11020	44.65	-29.35	74	47.31	38.53	17.17	58.36	100	0	P	V
		16530	49	-25	74	41.84	42.99	20.25	56.08	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	43.36	-30.64	74	45.72	38.66	17.16	58.18	100	0	P	H
		16650	49.46	-24.54	74	42.19	42.94	20.34	56.01	100	0	P	H
													H
													H
		11100	44.94	-29.06	74	47.3	38.66	17.16	58.18	100	0	P	V
		16650	48.35	-25.65	74	41.08	42.94	20.34	56.01	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	43.57	-30.43	74	45.05	39.03	17.16	57.67	100	0	P	H
		17010	49.23	-24.77	74	41.68	42.77	20.59	55.81	100	0	P	H
													H
													H
		11340	44.07	-29.93	74	45.55	39.03	17.16	57.67	100	0	P	V
		17010	49.42	-24.58	74	41.87	42.77	20.59	55.81	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 - 5470~5725MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5458.24	53.23	-20.77	74	41.96	34.47	11.89	35.09	380	110	P	H
		5468.56	54.44	-13.76	68.2	43.13	34.51	11.89	35.09	380	110	P	H
		5447.68	48.99	-5.01	54	37.72	34.47	11.89	35.09	380	110	A	H
	*	5530	99.79	-	-	88.4	34.6	11.89	35.1	380	110	P	H
	*	5530	93.09	-	-	81.7	34.6	11.89	35.1	380	110	A	H
		5745.225	50.21	-17.99	68.2	38.65	34.6	12.11	35.15	380	110	P	H
		5452.48	57.86	-16.14	74	46.59	34.47	11.89	35.09	276	186	P	V
		5466.4	59.96	-8.24	68.2	48.65	34.51	11.89	35.09	276	186	P	V
		5444.8	53.3	-0.7	54	42.07	34.43	11.89	35.09	276	186	A	V
	*	5530	103.59	-	-	92.2	34.6	11.89	35.1	276	186	P	V
	*	5530	97.89	-	-	86.5	34.6	11.89	35.1	276	186	A	V
		5726.325	51.26	-16.94	68.2	39.74	34.6	12.06	35.14	276	186	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 5470~5725MHz

## WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	43.81	-30.19	74	46.29	38.61	17.16	58.25	100	0	P	H
		16590	48.59	-19.61	68.2	41.36	42.97	20.31	56.05	100	0	P	H
													H
													H
		11060	43.18	-30.82	74	45.66	38.61	17.16	58.25	100	0	P	V
		16590	48.25	-19.95	68.2	41.02	42.97	20.31	56.05	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 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 144 5720MHz	*	5720	107.34	-	-	95.82	34.6	12.06	35.14	368	115	P	H
	*	5720	100.43	-	-	88.91	34.6	12.06	35.14	368	115	A	H
													H
													H
													H
													H
	*	5720	113.76	-	-	102.24	34.6	12.06	35.14	288	184	P	V
	*	5720	106.85	-	-	95.33	34.6	12.06	35.14	288	184	A	V
													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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	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 )	Cable 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	43.75	-30.25	74	44.85	39.19	17.16	57.45	100	0	P	H
		17160	49.25	-24.75	74	41.89	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	43.16	-30.84	74	44.26	39.19	17.16	57.45	100	0	P	V
		17160	48.34	-25.66	74	40.98	42.53	20.7	55.87	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 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz	*	5710	102.99	-	-	91.47	34.6	12.06	35.14	323	95	P	H
	*	5710	95.27	-	-	83.75	34.6	12.06	35.14	323	95	A	H
													H
													H
													H
													H
													H
	*	5710	110.1	-	-	98.58	34.6	12.06	35.14	273	189	P	V
	*	5710	102.44	-	-	90.92	34.6	12.06	35.14	273	189	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Band 3 - Straddle Channel

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

WIFI Ant. 1+2	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 )	Cable 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	43.76	-30.24	74	44.91	39.17	17.16	57.48	100	0	P	H
		17130	48.95	-25.05	74	41.54	42.59	20.67	55.85	100	0	P	H
													H
													H
		11420	45.18	-28.82	74	46.33	39.17	17.16	57.48	100	0	P	V
		17130	48.82	-25.18	74	41.41	42.59	20.67	55.85	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 138 5690MHz	*	5690	100.86	-	-	89.4	34.6	12	35.14	374	113	P	H
	*	5690	93.46	-	-	82	34.6	12	35.14	374	113	A	H
													H
													H
													H
													H
	*	5690	106.36	-	-	94.9	34.6	12	35.14	288	184	P	V
	*	5690	98.96	-	-	87.5	34.6	12	35.14	288	184	A	V
													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 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	43.34	-30.66	74	44.63	39.11	17.16	57.56	100	0	P	H
		17070	49.7	-24.3	74	42.19	42.69	20.65	55.83	100	0	P	H
													H
													H
		11380	43.29	-30.71	74	44.58	39.11	17.16	57.56	100	0	P	V
		17070	48.47	-25.53	74	40.96	42.69	20.65	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Emission below 1GHz

## WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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 VHT80 LF		59.7	32.04	-7.96	40	50.55	12	1.07	31.58	100	0	P	H
		199.02	28.76	-14.74	43.5	42.42	15.95	1.87	31.48			P	H
		275.7	30.38	-15.62	46	40.03	19.35	2.32	31.32			P	H
		358.1	33.18	-12.82	46	40.5	21.39	2.5	31.21			P	H
		713.7	35.37	-10.63	46	35.71	26.62	3.74	30.7			P	H
		943.3	33.38	-12.62	46	29.78	30.06	4.07	30.53			P	H
													H
													H
													H
													H
													H
													H
													H
													V
		61.86	36.86	-3.14	40	55.02	12.14	1.28	31.58	100	0	P	V
		140.97	27.26	-16.24	43.5	39.01	17.97	1.78	31.5			P	V
		276.24	28.63	-17.37	46	38.29	19.34	2.32	31.32			P	V
		722.1	35.8	-10.2	46	35.99	26.76	3.74	30.69			P	V
		878.2	33.04	-12.96	46	30.55	28.87	4.17	30.55			P	V
		948.9	33.94	-12.06	46	30.22	30.18	4.07	30.53			P	V
													V
													V
													V
													V
													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 or Average</b>
H/V	<b>Horizontal or Vertical</b>



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

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

$$1. \text{ Level(dB}\mu\text{V/m)} =$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$2. \text{ Over Limit(dB)} = \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

#### For Peak Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 54.51(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 55.45 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 55.45(\text{dB}\mu\text{V/m}) - 74(\text{dB}\mu\text{V/m})$$

$$= -18.55(\text{dB})$$

#### For Average Limit @ 2390MHz:

$$1. \text{ Level(dB}\mu\text{V/m)}$$

$$= \text{Antenna Factor(dB/m)} + \text{Cable Loss(dB)} + \text{Read Level(dB}\mu\text{V)} - \text{Preamp Factor(dB)}$$

$$= 32.22(\text{dB/m}) + 4.58(\text{dB}) + 42.6(\text{dB}\mu\text{V}) - 35.86 (\text{dB})$$

$$= 43.54 (\text{dB}\mu\text{V/m})$$

$$2. \text{ Over Limit(dB)}$$

$$= \text{Level(dB}\mu\text{V/m)} - \text{Limit Line(dB}\mu\text{V/m)}$$

$$= 43.54(\text{dB}\mu\text{V/m}) - 54(\text{dB}\mu\text{V/m})$$

$$= -10.46(\text{dB})$$

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



## Appendix B. Radiated Spurious Emission

<b>Test Engineer :</b>	Jesse Wang, James Chiu and Daniel Lee	<b>Temperature :</b>	21~23°C
		<b>Relative Humidity :</b>	47~51%

### Note symbol

-L	<b>Low channel location</b>
-R	<b>High channel location</b>



## Band 1 - 5150~5250MHz

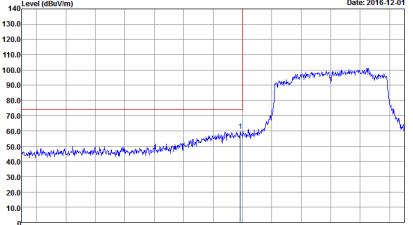
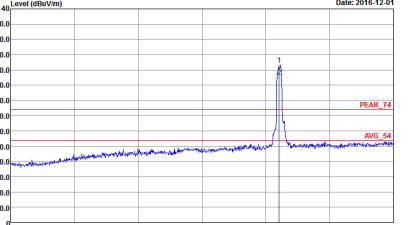
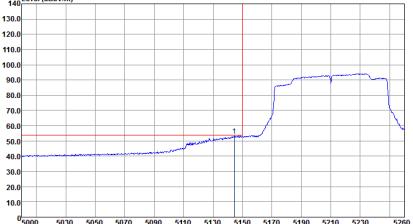
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SWL:Auto Detector : Peak Project : 6N0822 Mode : 41 : 14.75	 Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SWL:Auto Detector : Peak Project : 6N0822 Mode : 41 : 14.75
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SWL:Auto Detector : Peak Project : 6N0822 Mode : 41 : 14.75	Left blank

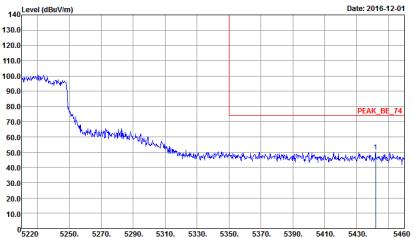
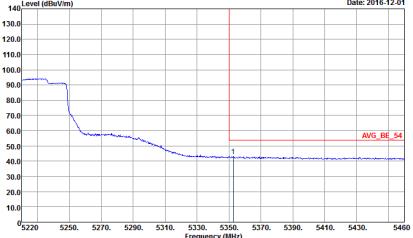


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL Detector: RBW-1000.000KHz VBW 3000.000KHz SWT:Auto Project: 6N0822 Mode: 41 : 14.75</p>	Left blank
Avg.	<p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector: RBW-1000.000KHz VBW 3.000KHz SWT:Auto Project: 6N0822 Mode: 41 : 14.75</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 41 : 14.75</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 41 : 14.75</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 41 : 14.75</p>	Left blank

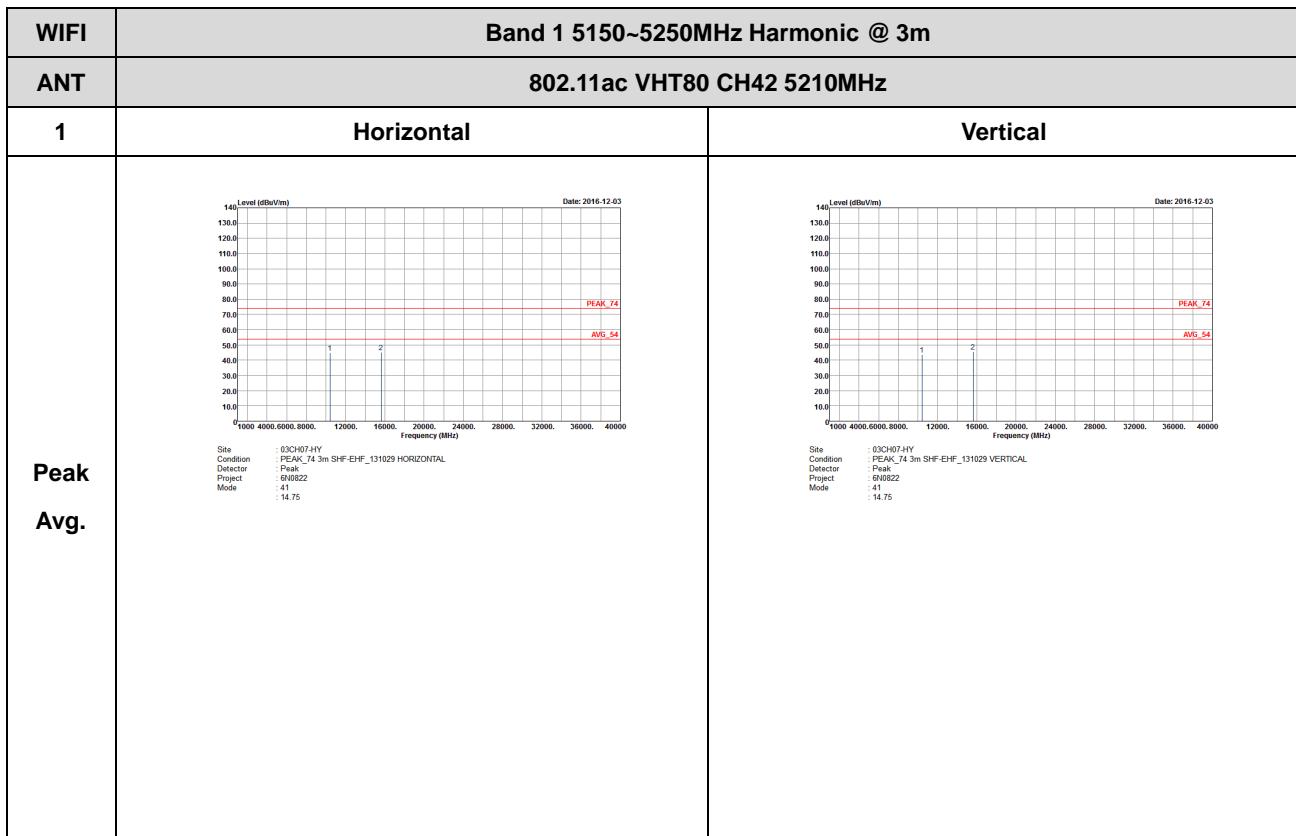


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 41 .: 14.75</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 41 .: 14.75</p>	Left blank



## Band 1 - 5150~5250MHz

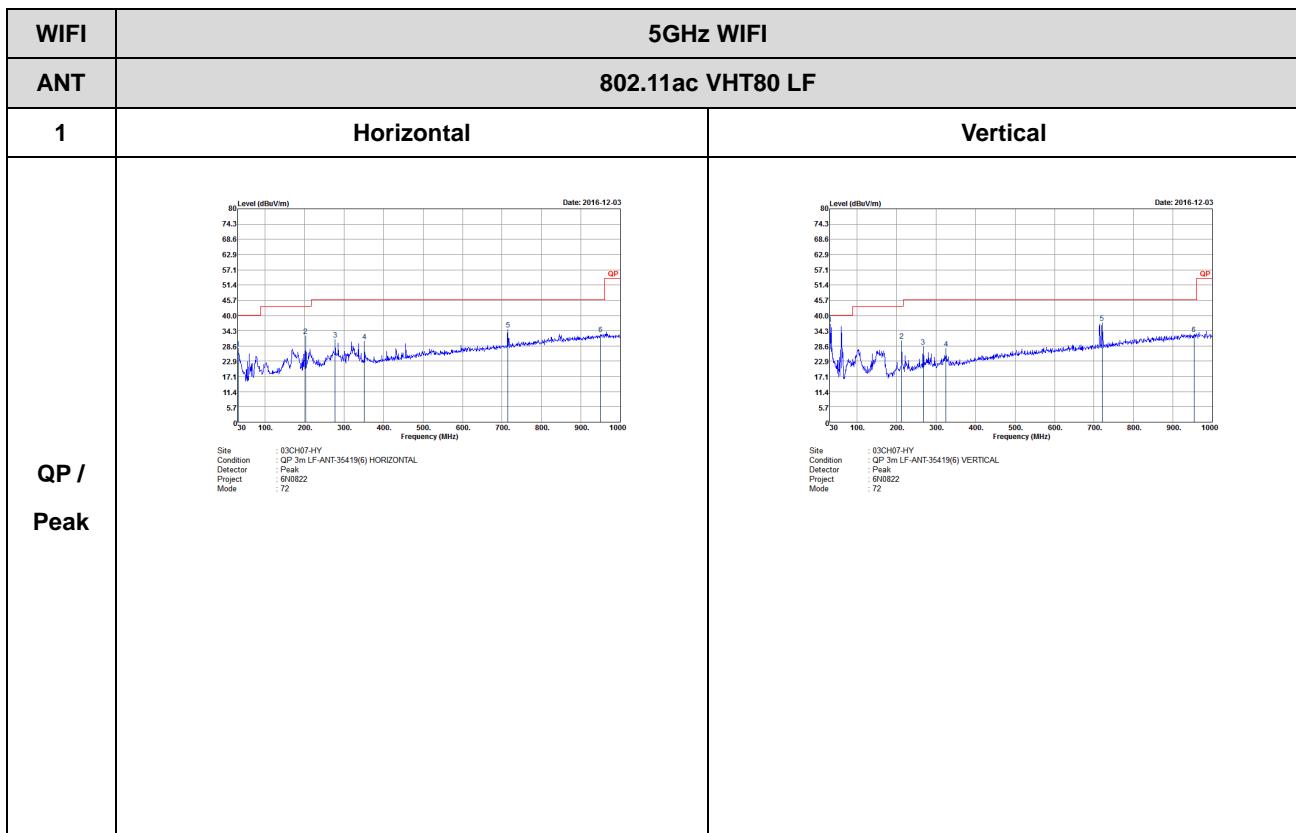
WIFI 802.11ac VHT80 (Harmonic @ 3m)





## Emission below 1GHz

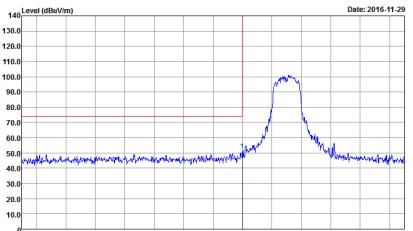
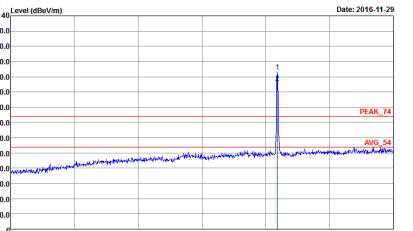
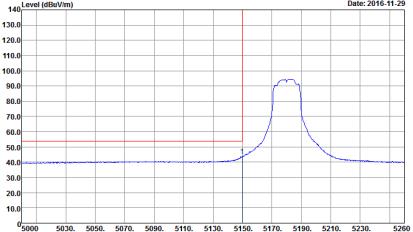
## 5GHz WIFI 802.11ac VHT80 (LF)



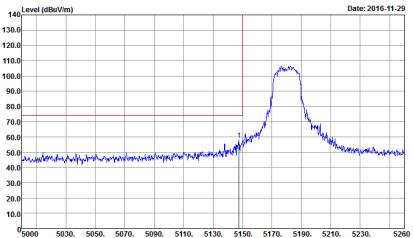
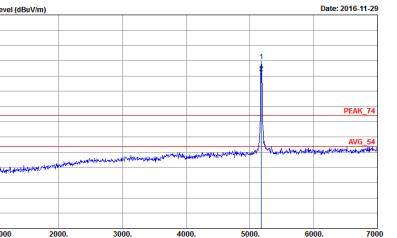
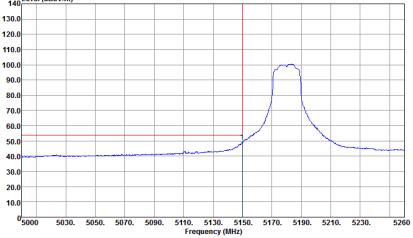


## Band 1 - 5150~5250MHz

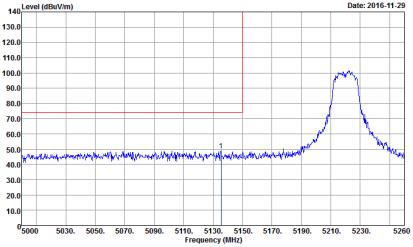
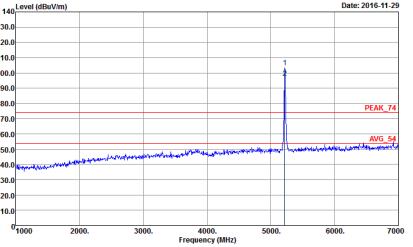
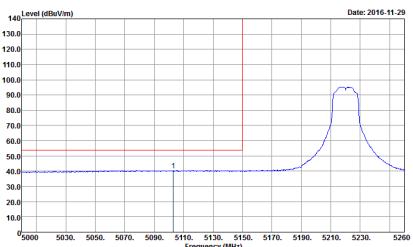
## WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 5000 to 5260. A single sharp peak is visible at approximately 5174 MHz. The plot includes a red reference line at 50 dBuV/m.</p> <p>Date: 2016-11-29</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000kHz VBW:3000 000kHz SWL:Auto Detector: Peak Project: 6N0822 Mode: 1</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 7000. A single sharp peak is visible at approximately 5180 MHz. The plot includes a red reference line at 50 dBuV/m.</p> <p>Date: 2016-11-29</p> <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000kHz VBW:3000 000kHz SWL:Auto Detector: Peak Project: 6N0822 Mode: 1</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5000 to 5260. A single sharp peak is visible at approximately 5174 MHz. The plot includes a red reference line at 50 dBuV/m.</p> <p>Date: 2016-11-29</p> <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130823 HORIZONTAL RBW:1000 000kHz VBW:1 000kHz SWL:Auto Detector: Peak Project: 6N0822 Mode: 1</p>	Left blank

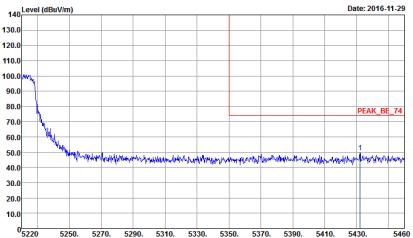
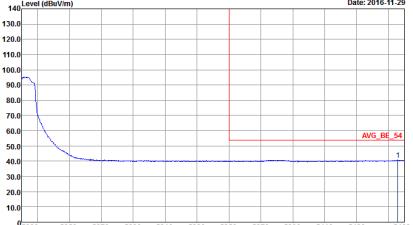


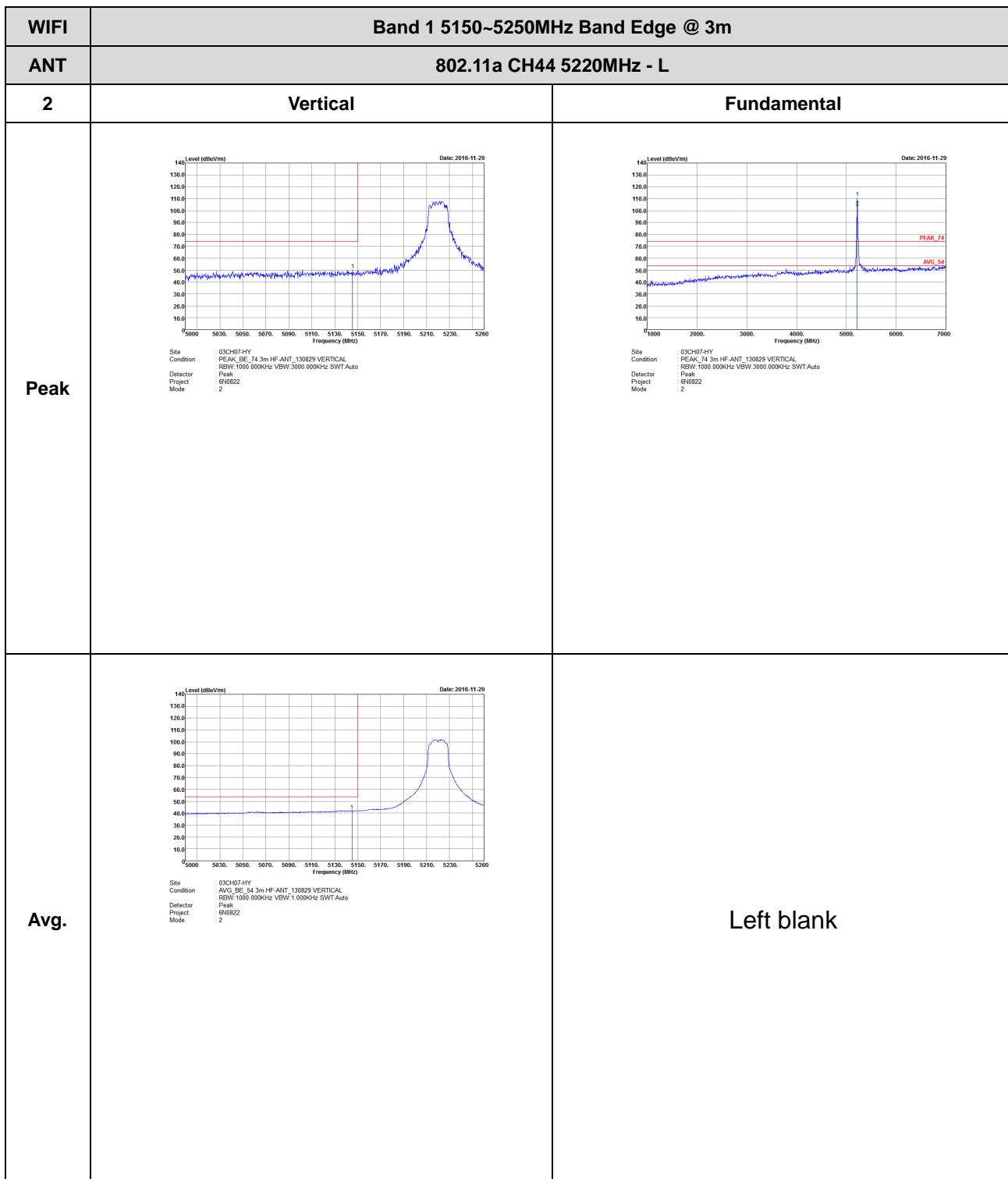
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 1</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 1</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 1</p>	Left blank



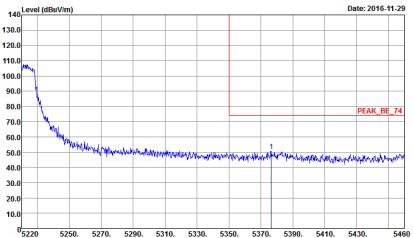
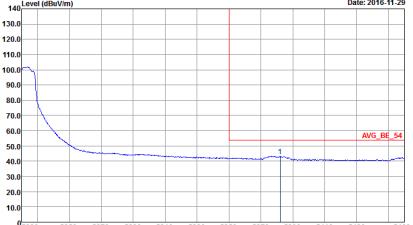
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH074-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 2</p>	 <p>Site : 03CH074-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 2</p>
Avg.	 <p>Site : 03CH074-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 2</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 2</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 2</p>	Left blank



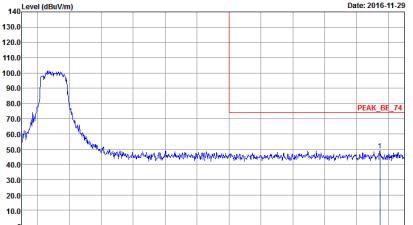
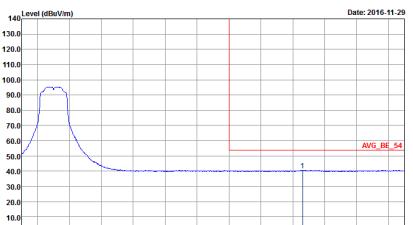


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 2</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 2</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH074-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 3	 Site : 03CH074-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 3
Avg.	 Site : 03CH074-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 3	Left blank

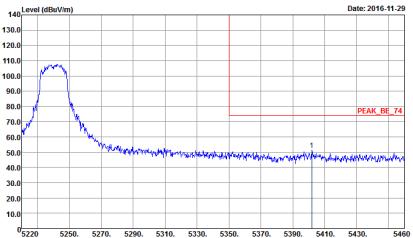
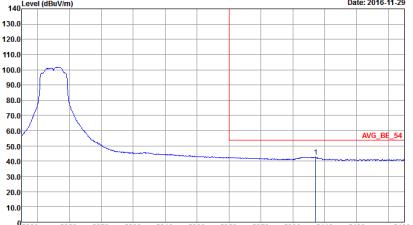


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH074HY Condition : PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 3</p>	Left blank
Avg.	 <p>Site : 03CH074HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 3</p>	Left blank



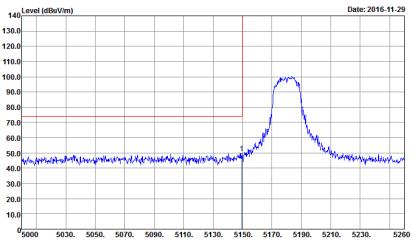
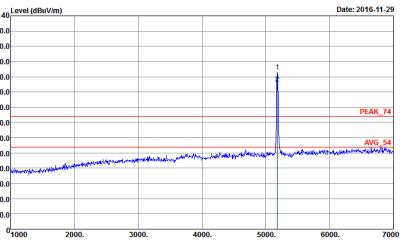
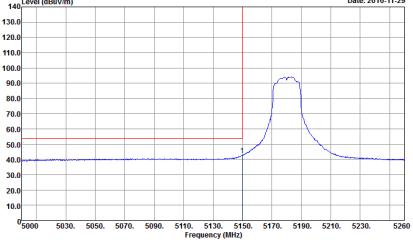
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Vertical	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 3</p>	<p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 3</p>
Avg.	<p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 3</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 3</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 3</p>	Left blank



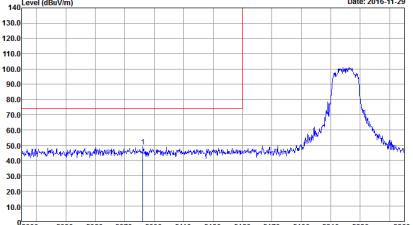
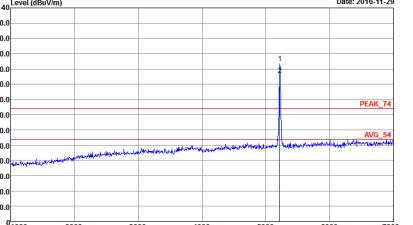
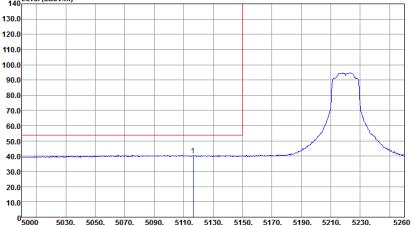
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

<b>WIFI</b>	<b>Band 1 5150~5250MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH36 5180MHz</b>	
2	<b>Horizontal</b>	<b>Fundamental</b>
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 5000 to 5260. A single sharp peak is labeled at 5174 MHz. The plot includes a red baseline and a red vertical line at the peak frequency.</p> <p>Date: 2016-11-29</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3000.000KHz SWT-Auto Project : 6N0822 Mode : 11</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 7000. A single sharp peak is labeled at 5180 MHz. The plot includes a red baseline and a red vertical line at the peak frequency.</p> <p>Date: 2016-11-29</p> <p>Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3000.000KHz SWT-Auto Project : 6N0822 Mode : 11</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5000 to 5260. A single sharp peak is labeled at 5174 MHz. The plot includes a red baseline and a red vertical line at the peak frequency.</p> <p>Date: 2016-11-29</p> <p>Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-1.000KHz SWT-Auto Project : 6N0822 Mode : 11</p>	Left blank

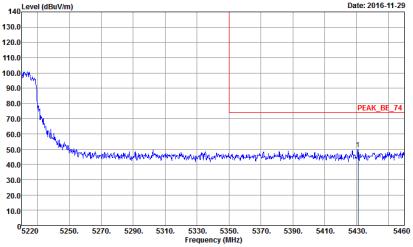
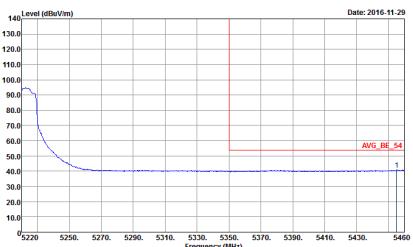


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 11	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 11
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 11	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 12</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	Left blank

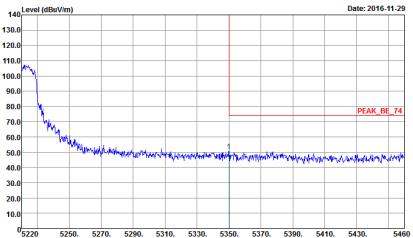
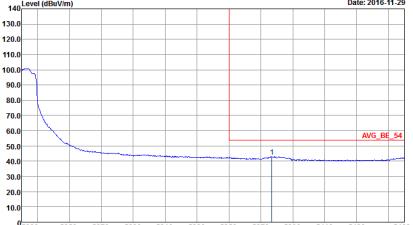


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	Left blank

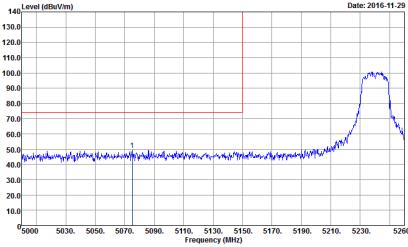
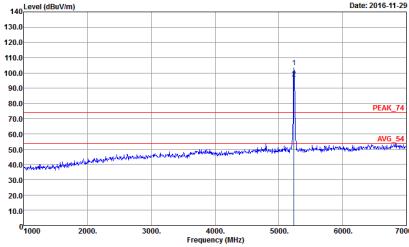
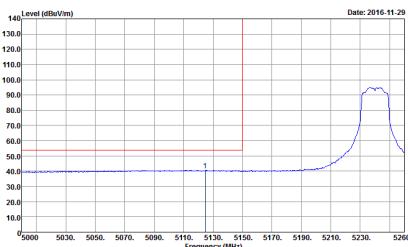


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
2	Vertical	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	<p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 12</p>
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	Left blank

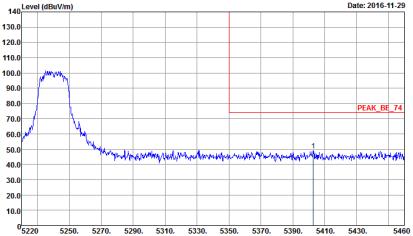
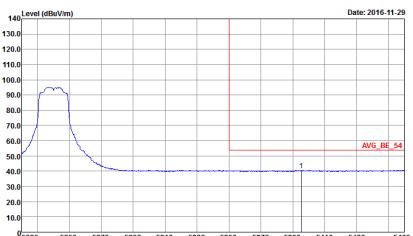


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 12</p>	Left blank

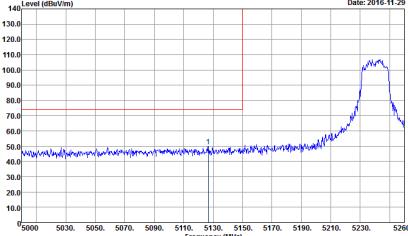
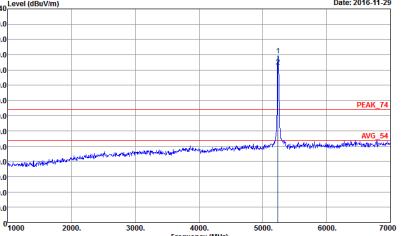
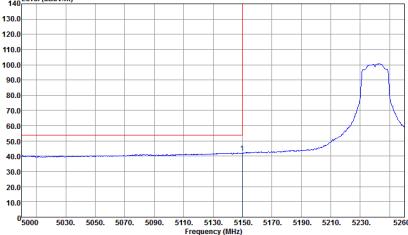


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74.3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 13</p>	 <p>Site : 03CH07-HY Condition : PEAK_74.3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 13</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54.3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 13</p>	Left blank

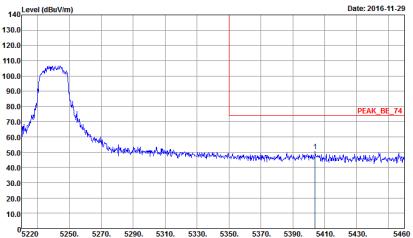
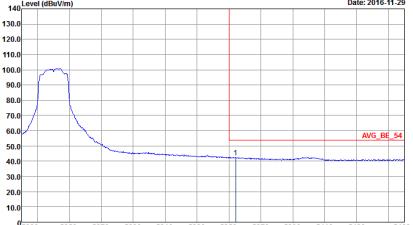


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 13</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 13</p>	Left blank



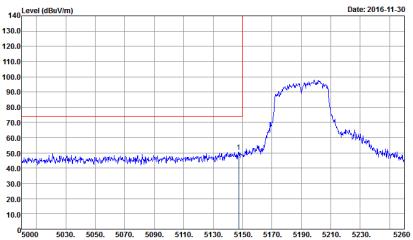
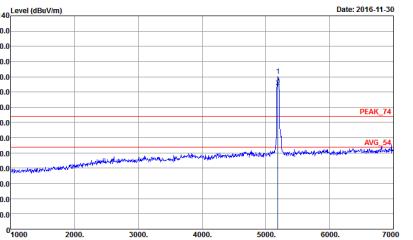
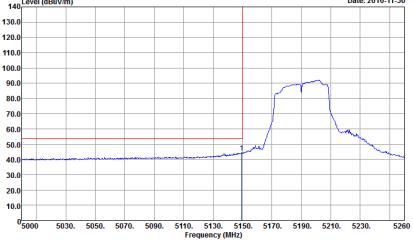
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 13</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 13</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 13</p>	Left blank



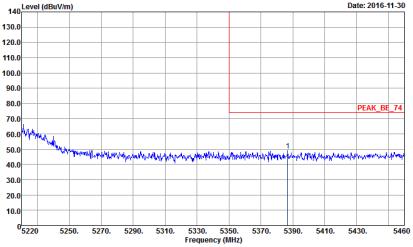
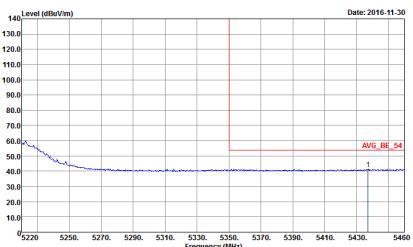
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 13</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 13</p>	Left blank



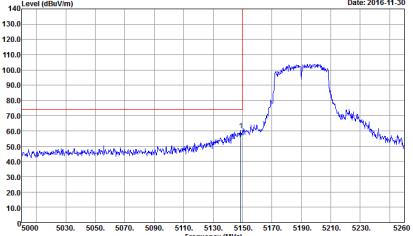
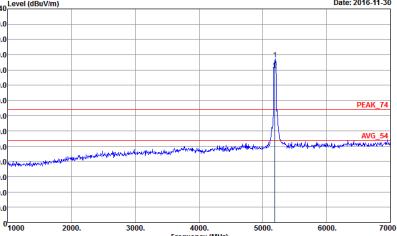
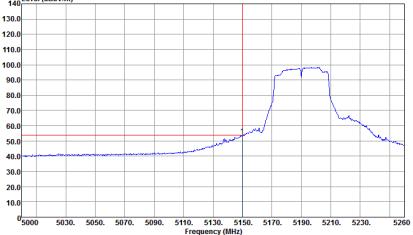
**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 5000 to 5260. A sharp peak is labeled at 5190MHz. The plot shows a flat baseline around 40 dBuV/m until 5150MHz, followed by a rise to a peak of approximately 90 dBuV/m at 5190MHz, then a fall back to baseline.</p> <p>Date: 2016-11-30</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 21</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 1000 to 7000. A sharp peak is labeled at 5190MHz. The plot shows a flat baseline around 40 dBuV/m until 5150MHz, followed by a rise to a peak of approximately 90 dBuV/m at 5190MHz, then a fall back to baseline.</p> <p>Date: 2016-11-30</p> <p>Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : Peak Mode : 6N0822 Ave : 21</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5000 to 5260. A broad peak is labeled at 5190MHz. The plot shows a flat baseline around 40 dBuV/m until 5150MHz, followed by a rise to a peak of approximately 80 dBuV/m at 5190MHz, then a fall back to baseline.</p> <p>Date: 2016-11-30</p> <p>Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 21</p>	Left blank

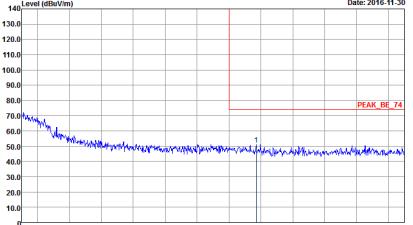
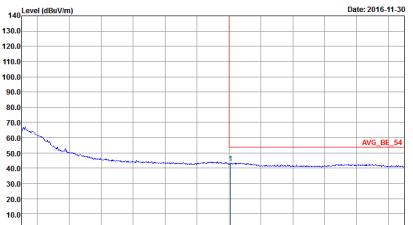


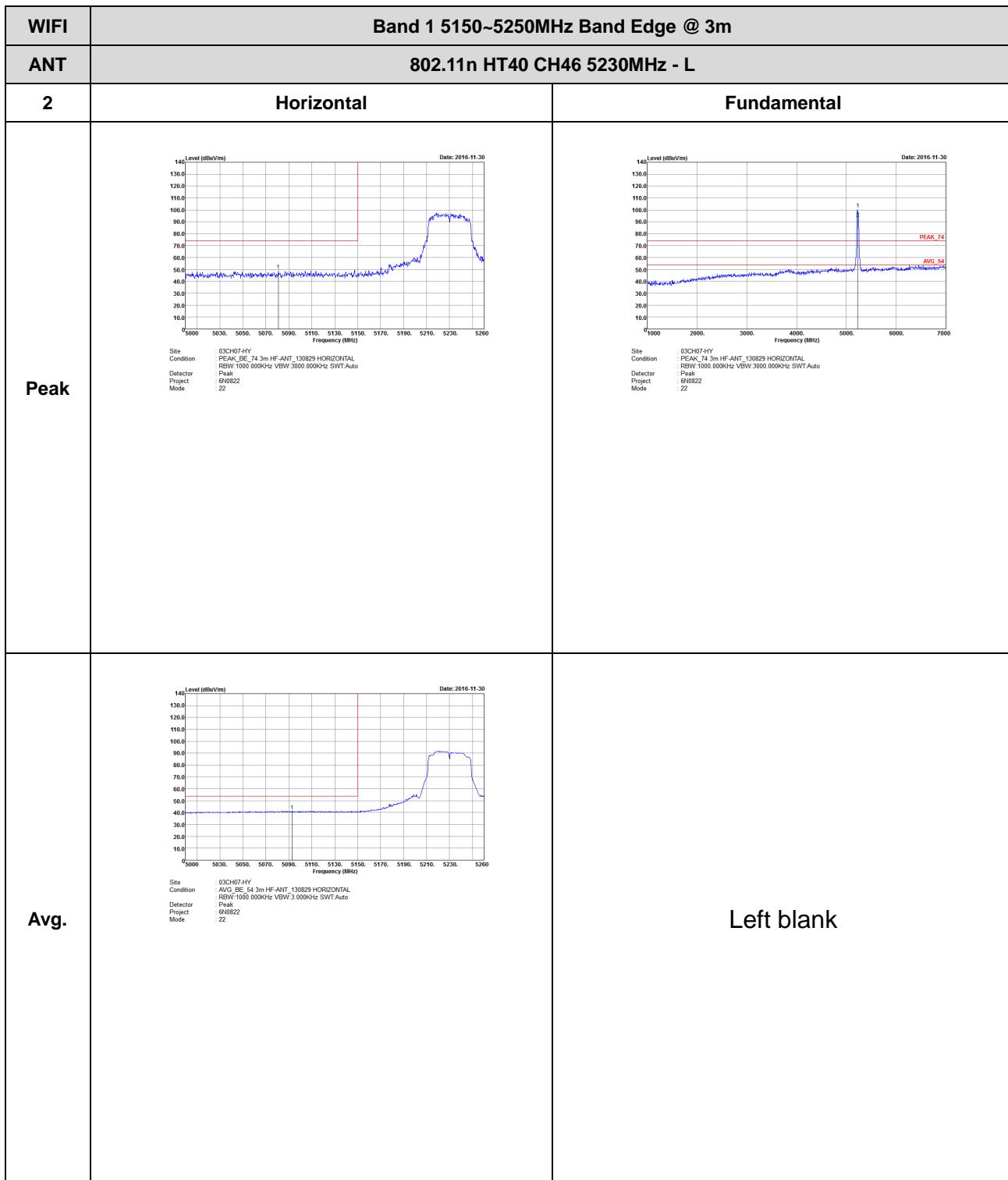
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 21</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 21</p>	Left blank



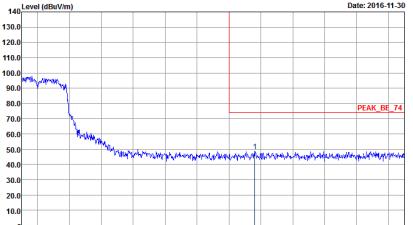
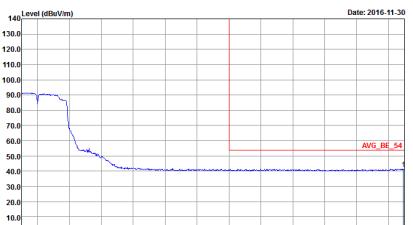
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: :21	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: AVG Project: 6N0822 Mode: :21
Avg.	 Site: 03CH07-HY Condition: AVG_AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: :21	Left blank



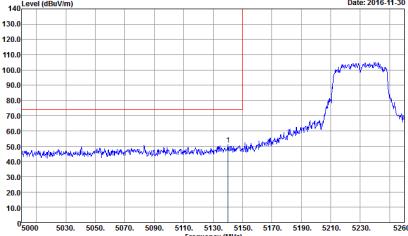
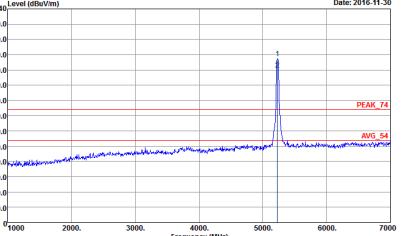
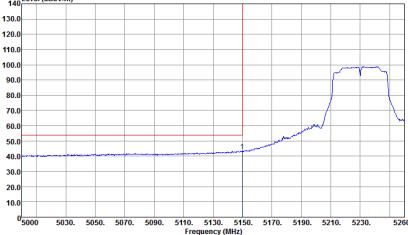
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 21</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 21</p>	Left blank



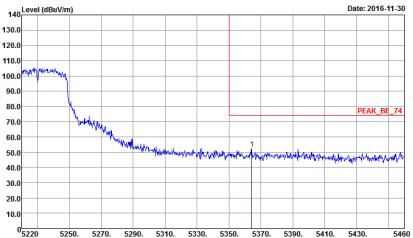
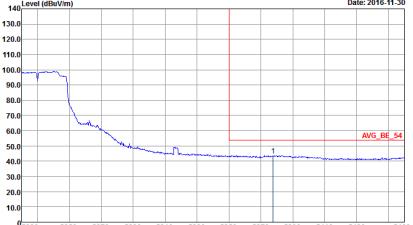


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: .22</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: .22</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: :22</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: :22</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_AVE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: :22</p>	Left blank

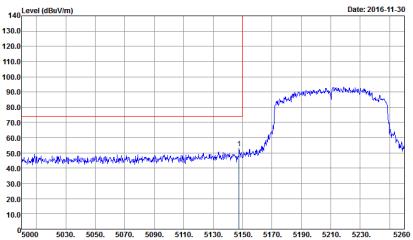
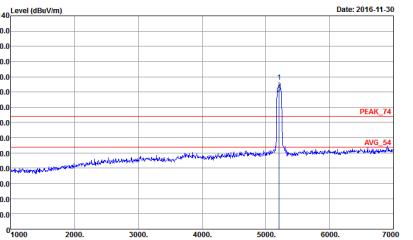
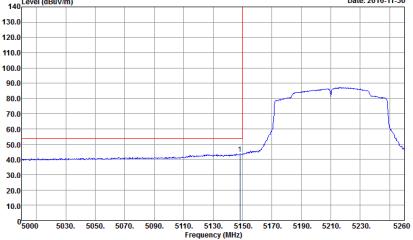


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: :22</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: :22</p>	Left blank



## Band 1 5150~5250MHz

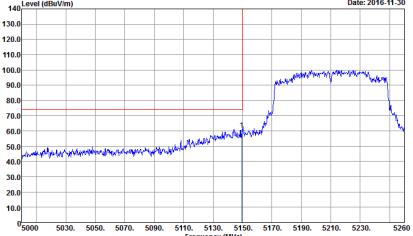
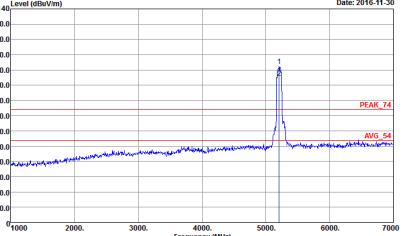
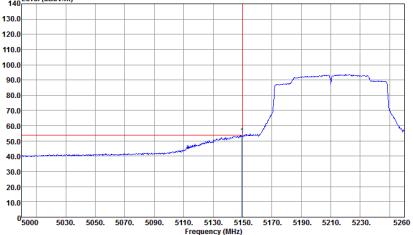
## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 29 : 14.75	 Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 29 : 14.75
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 29 : 14.75	Left blank

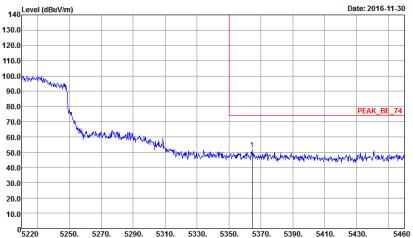
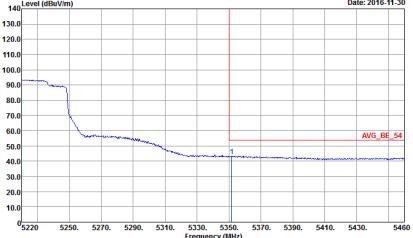


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 29 : 14.75</p>	Left blank
Avg.	<p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 29 : 14.75</p>	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 29 : 14.75	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 29 : 14.75
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 29 : 14.75	Left blank

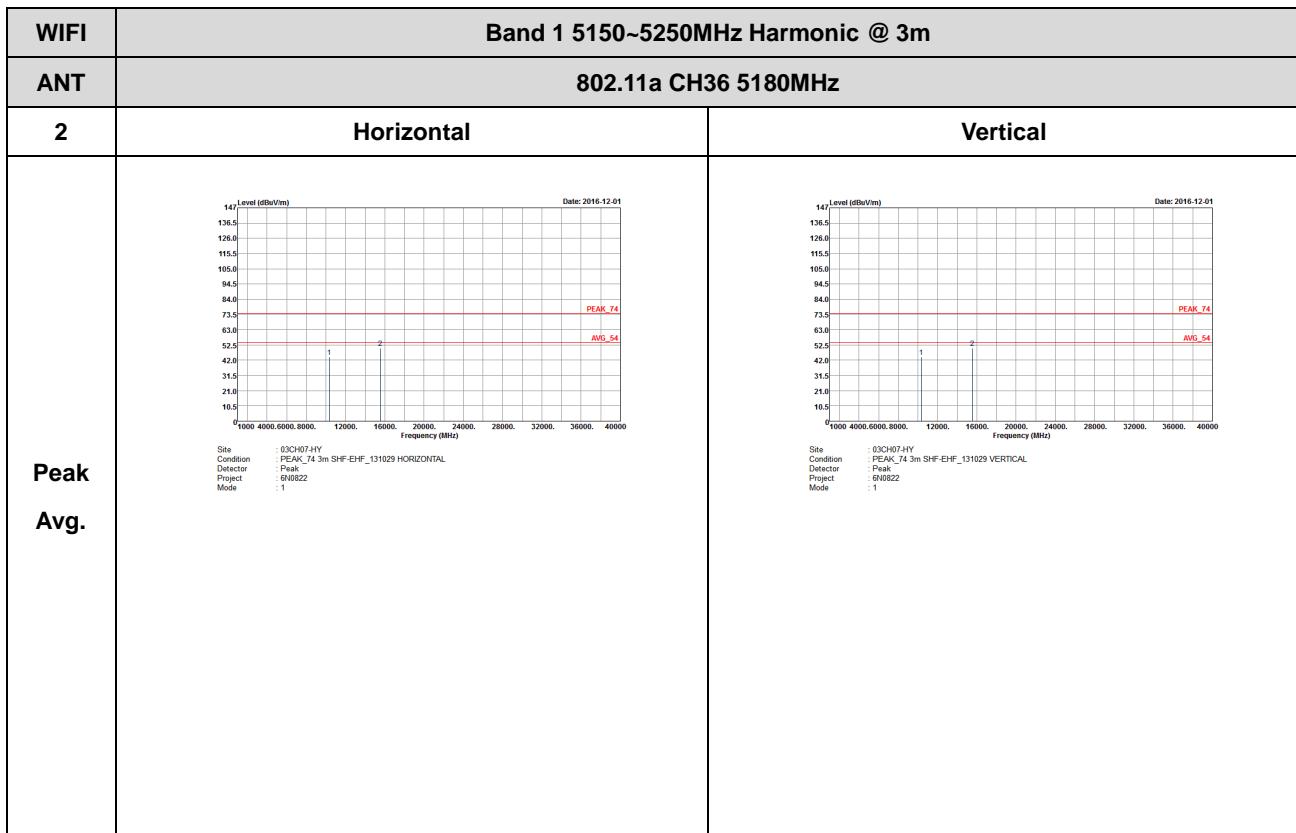


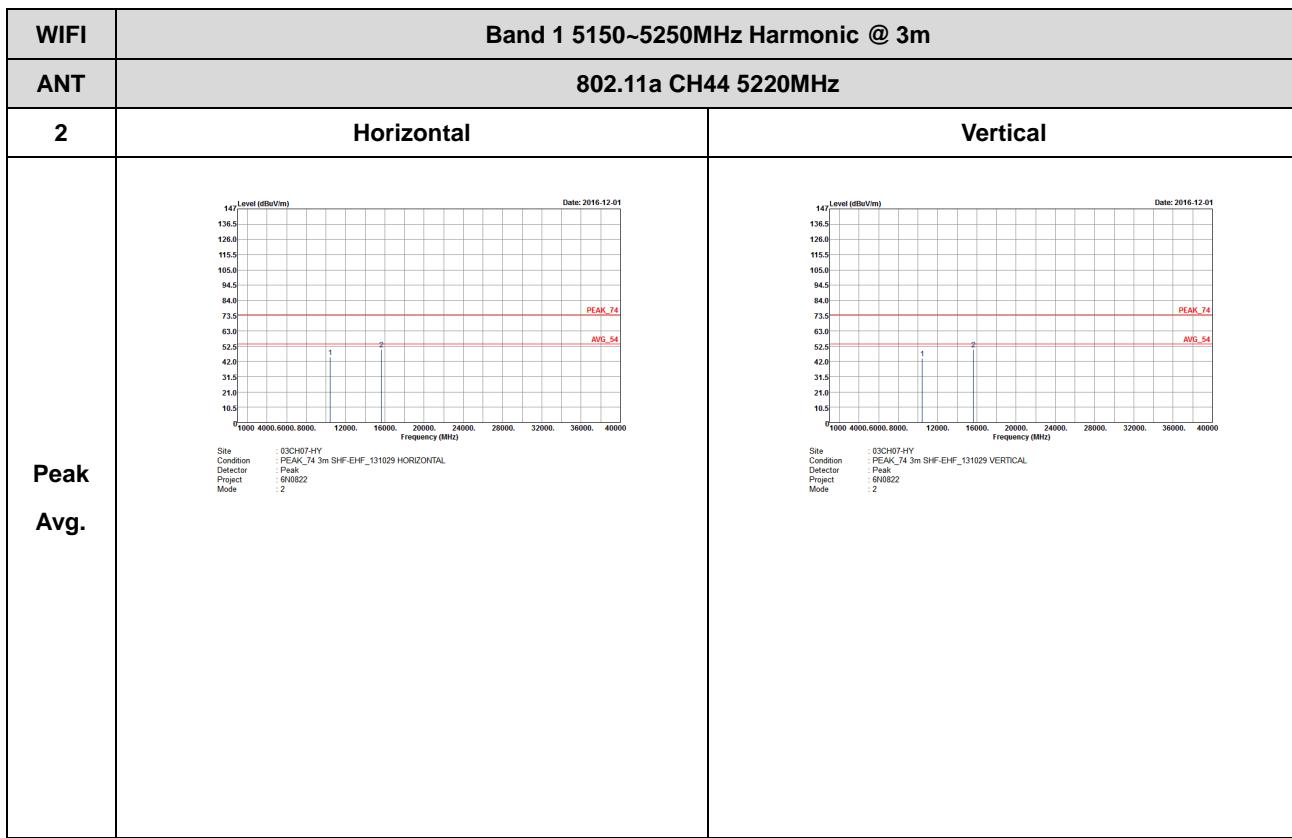
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 29 .: 14.75</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 29 .: 14.75</p>	Left blank

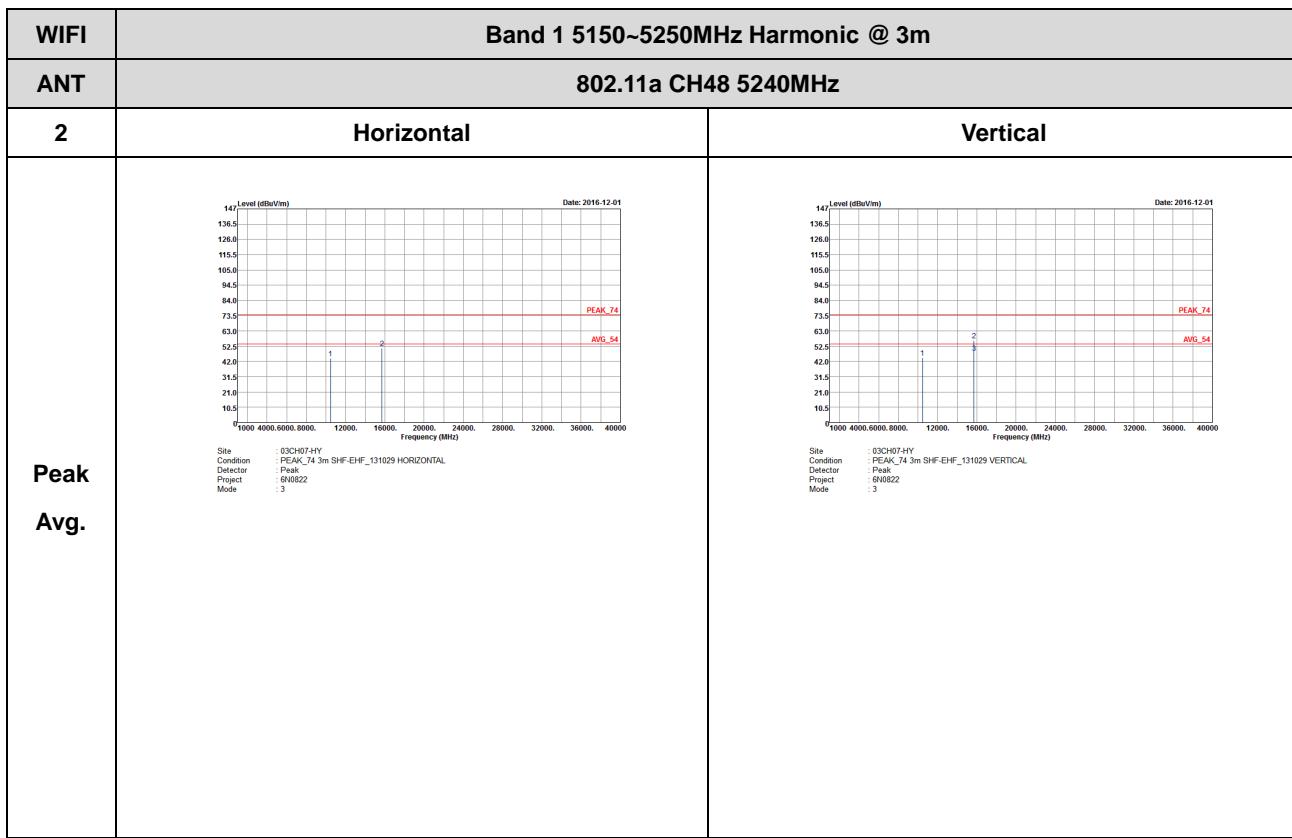


## Band 1 - 5150~5250MHz

## WIFI 802.11a (Harmonic @ 3m)

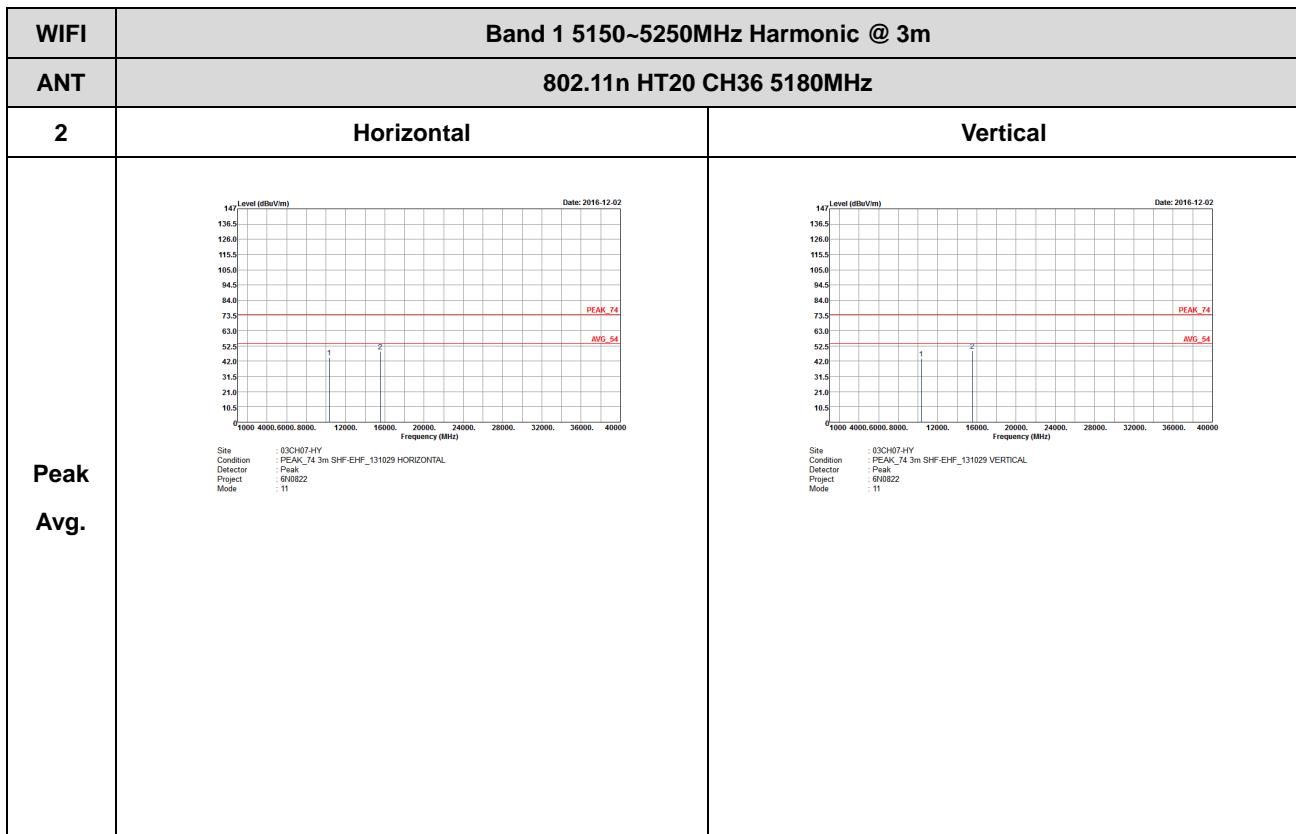


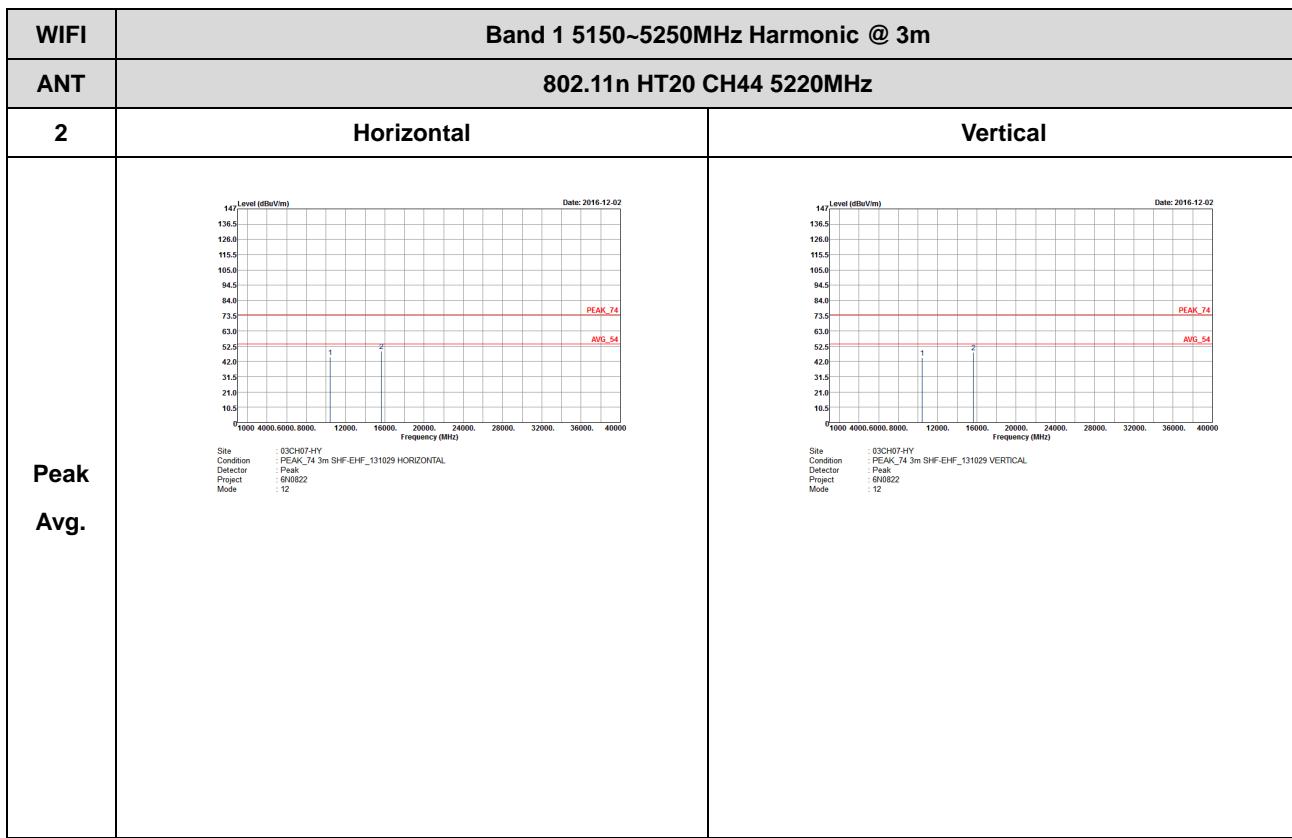


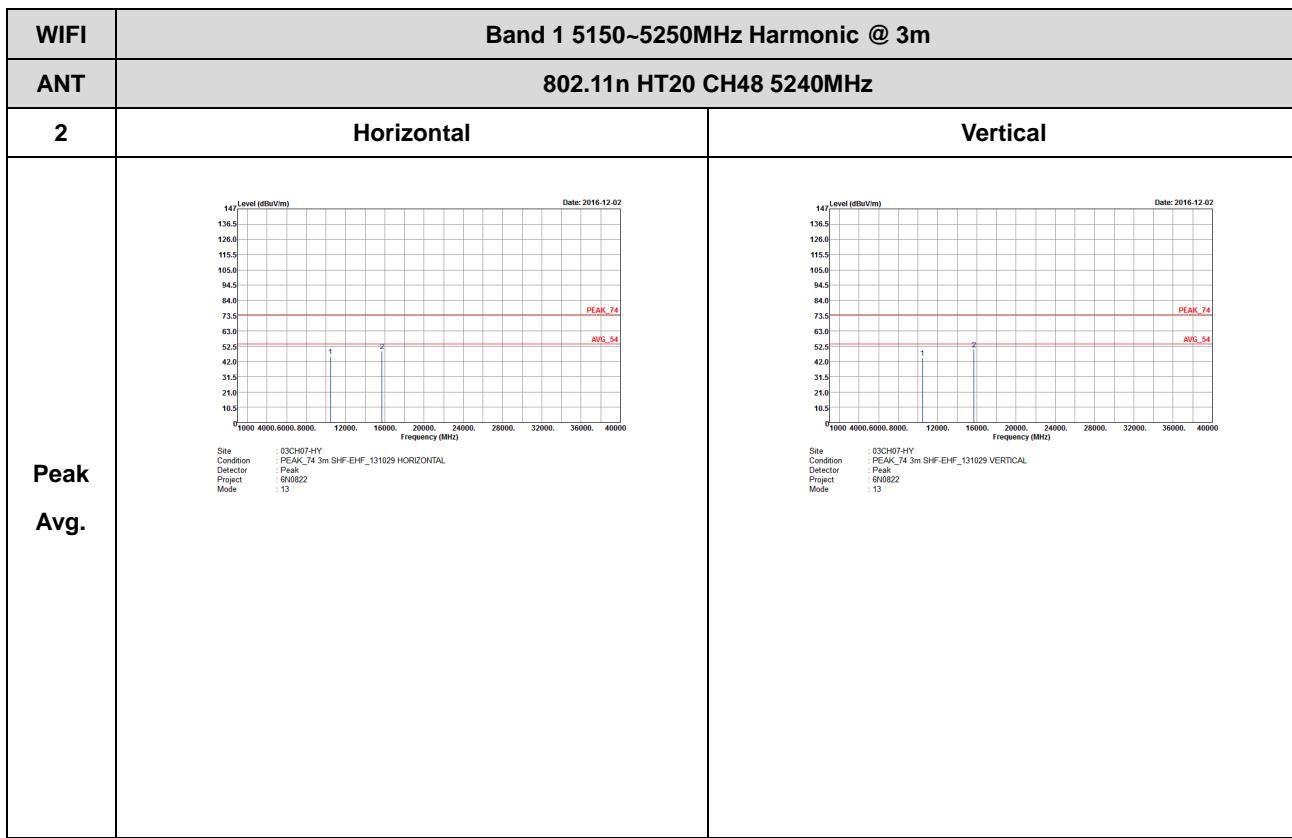




**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

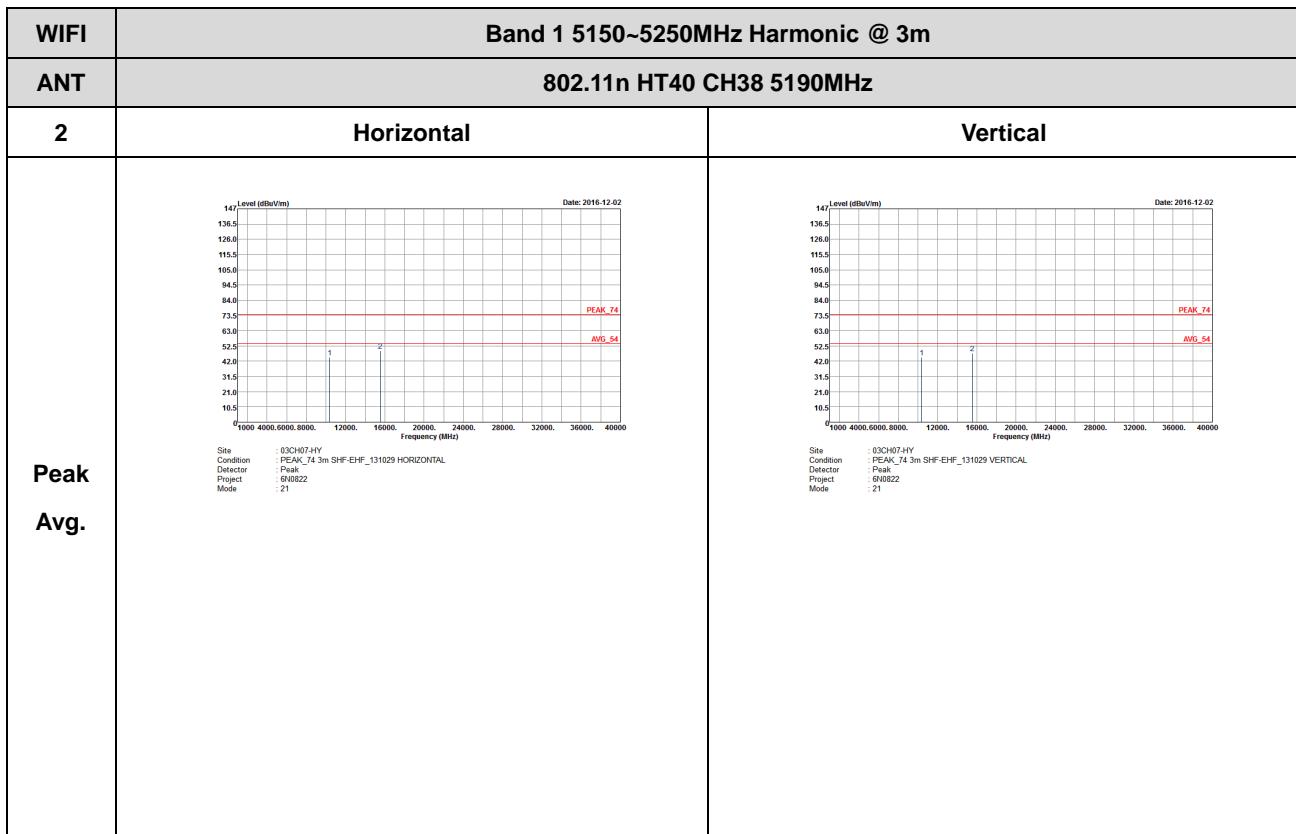


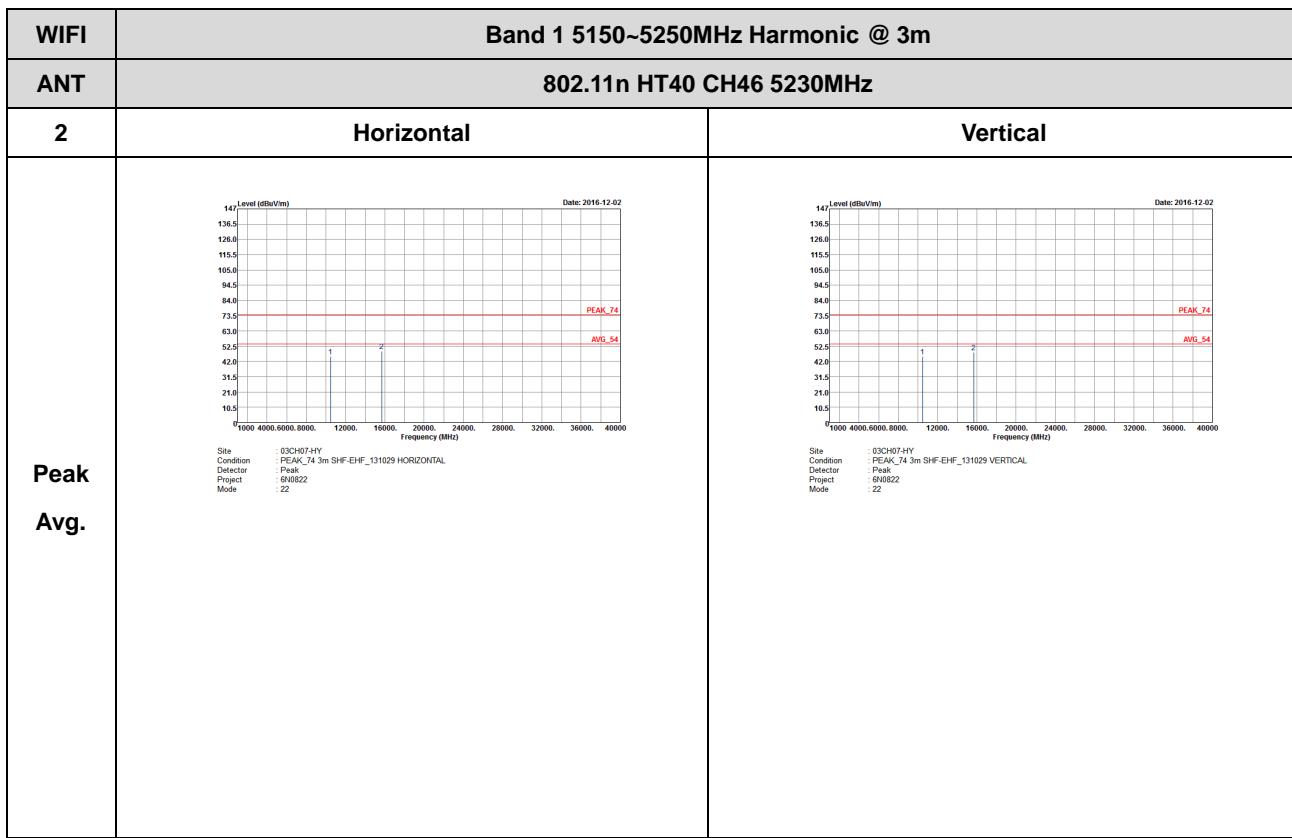






**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

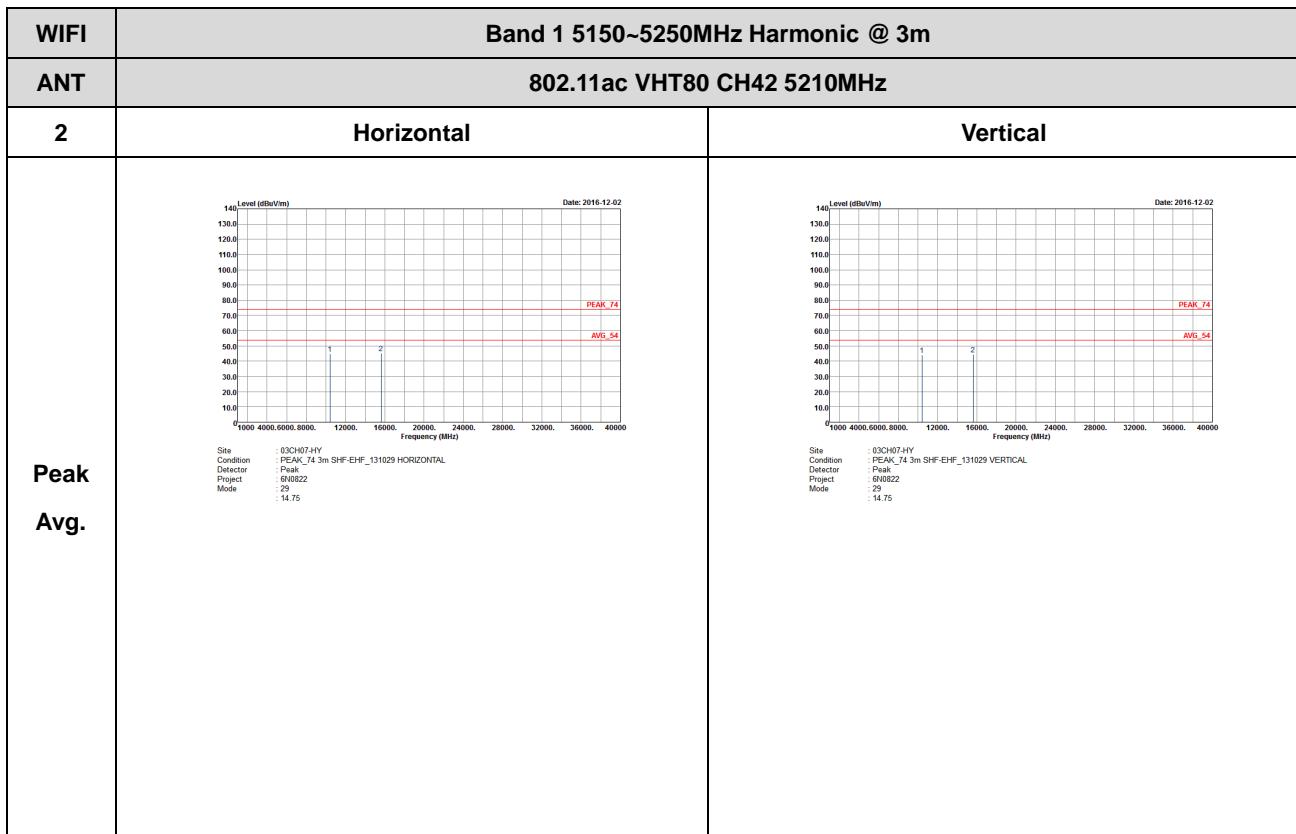






## Band 1 5150~5250MHz

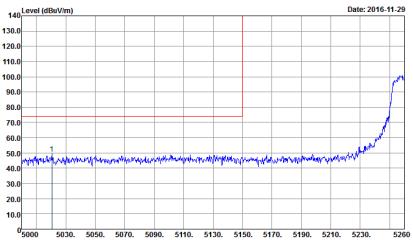
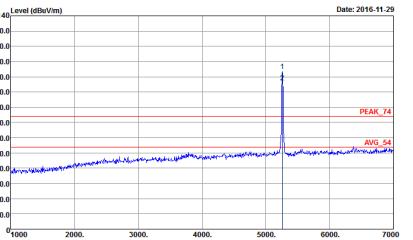
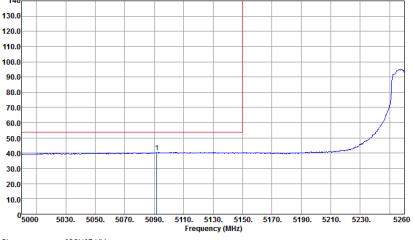
WIFI 802.11ac VHT80 (Harmonic @ 3m)



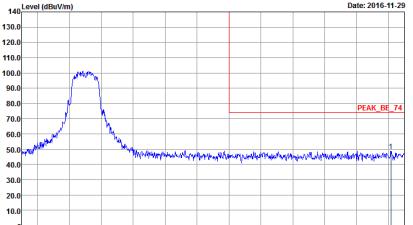
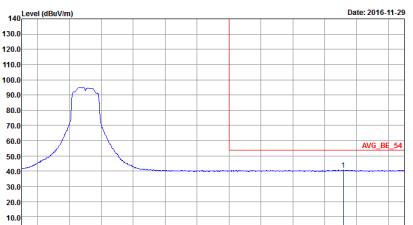


## Band 2 - 5250~5350MHz

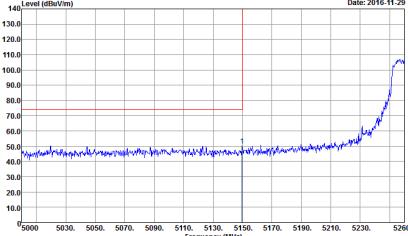
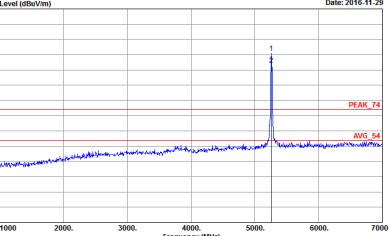
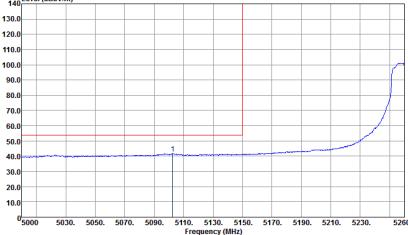
## WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SW:Auto Detector : Peak Project : 6N0822 Mode : 4</p>	 <p>Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SW:Auto Detector : Peak Project : 6N0822 Mode : 4</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:1000kHz SW:Auto Detector : Peak Project : 6N0822 Mode : 4</p>	Left blank

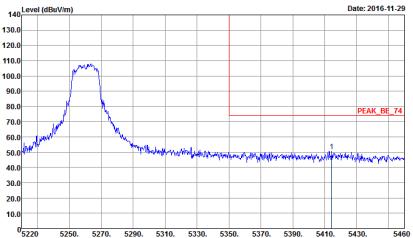
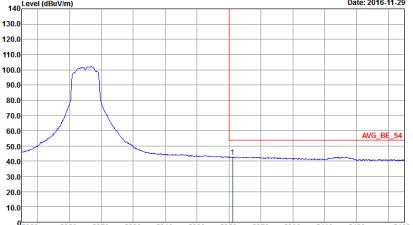


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130020 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: .4</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130020 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: .4</p>	Left blank

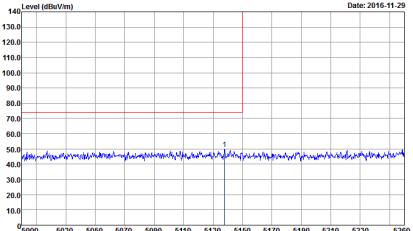
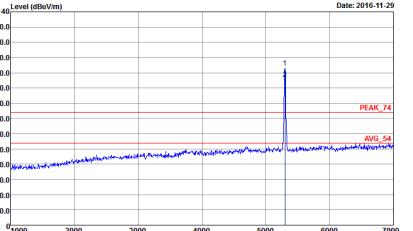
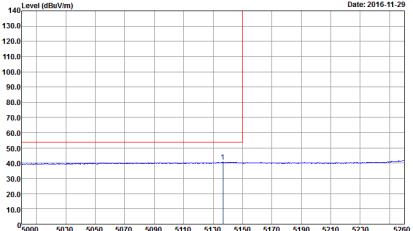


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 4	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 4
Avg.	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 4	Left blank

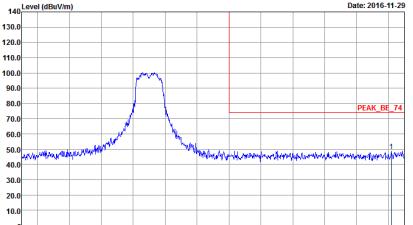
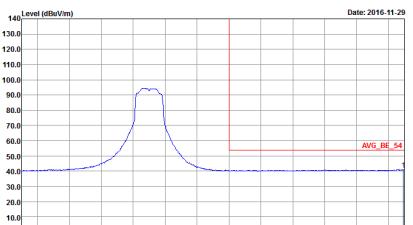


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 4</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 4</p>	Left blank

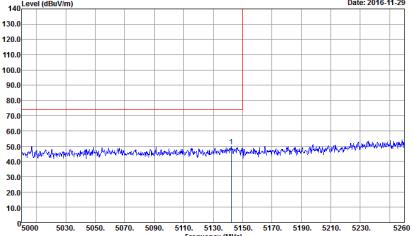
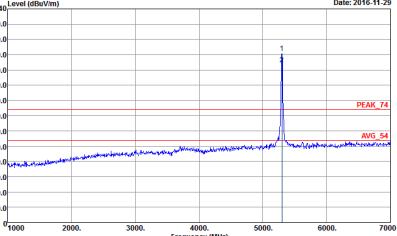
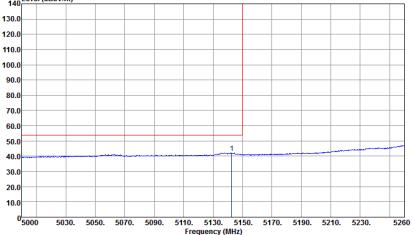


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH074HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 5</p>	 <p>Site : 03CH074HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 5</p>
Avg.	 <p>Site : 03CH074HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 5</p>	Left blank

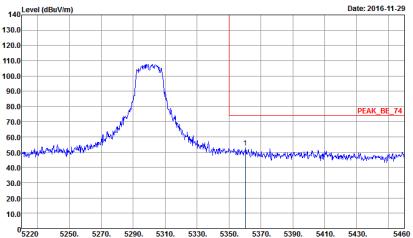
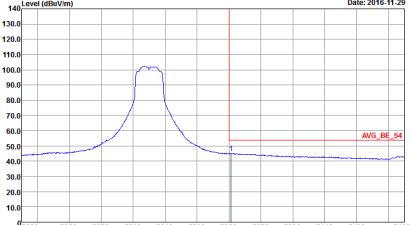


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 5</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 5</p>	Left blank

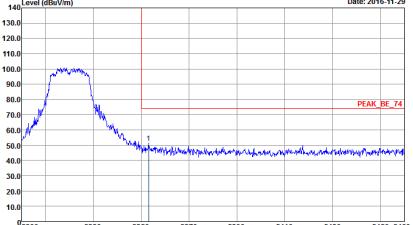
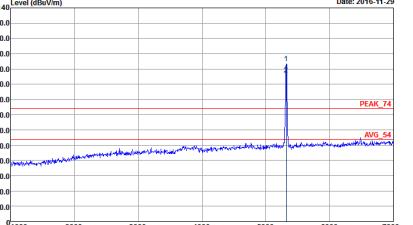
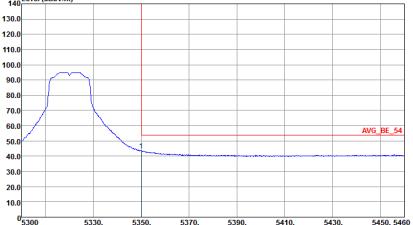


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 5	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 5
Avg.	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 5	Left blank

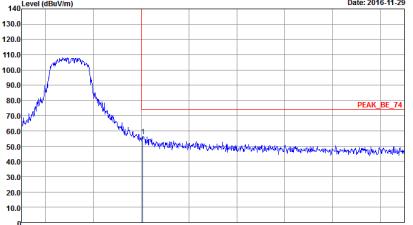
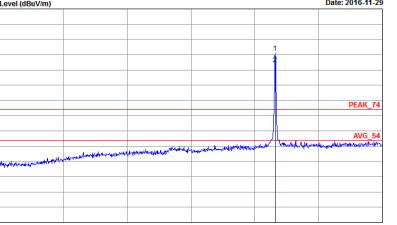


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector : Peak Project : 6N0822 Mode : 5</p>	Left blank
Avg.	 <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector : Peak Project : 6N0822 Mode : 5</p>	Left blank



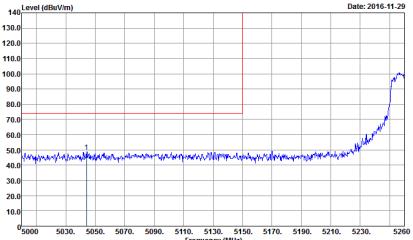
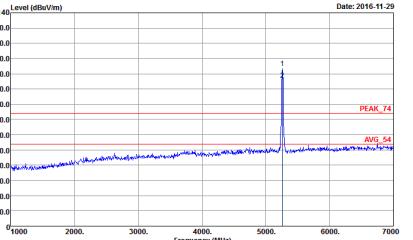
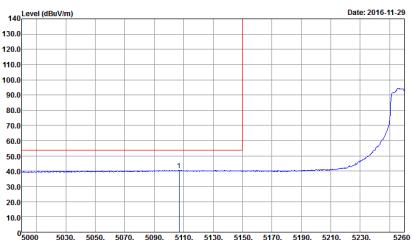
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 6</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 6</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 6</p>	Left blank



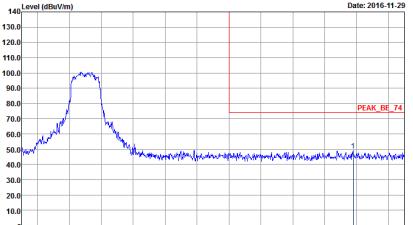
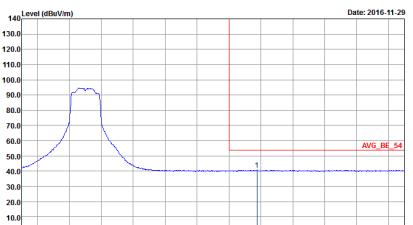
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak	 <p>Site Condition : 03CH07-HY Detector : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 6N0822 Mode : 6</p>	 <p>Site Condition : 03CH07-HY Detector : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 6N0822 Mode : 6</p>
Avg.	 <p>Site Condition : 03CH07-HY Detector : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 6N0822 Mode : 6</p>	Left blank



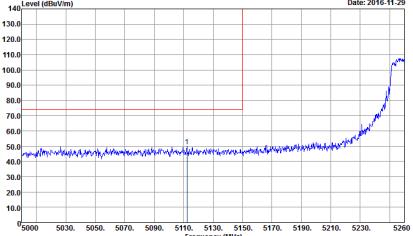
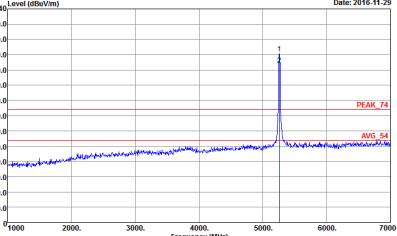
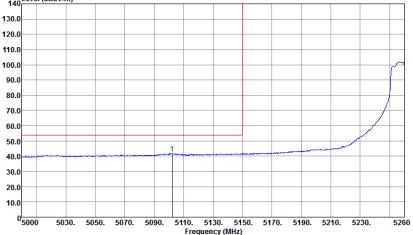
**Band 2 5250~5350MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH074HY Condition : PEAK_BE_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 14</p>	 <p>Site : 03CH074HY Condition : PEAK_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector : AVG Project : 6N0822 Mode : 14</p>
Avg.	 <p>Site : 03CH074HY Condition : AVG_BE_54 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 14</p>	Left blank

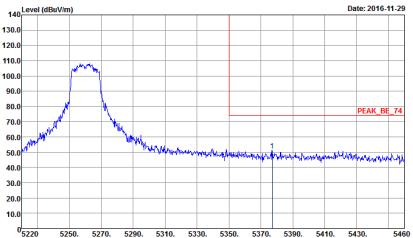
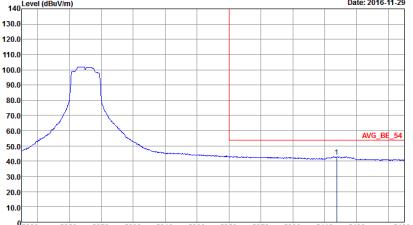


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130020 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 14</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130029 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 14</p>	Left blank

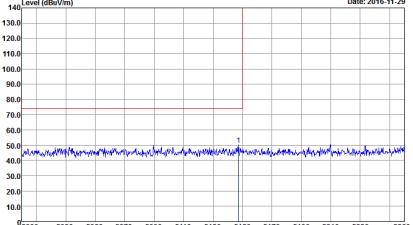
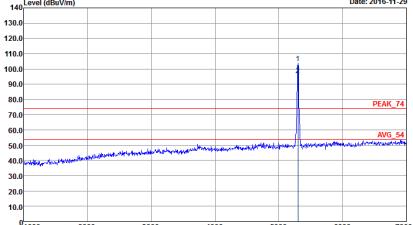
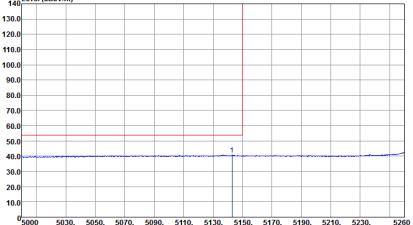


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 14</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 14</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 14</p>	Left blank

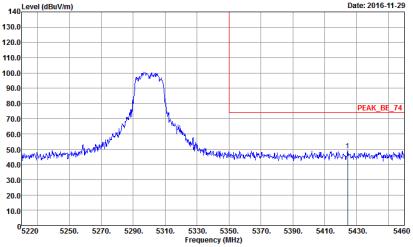
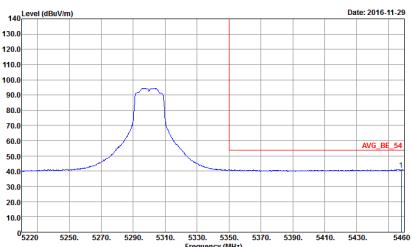


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 14</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 14</p>	Left blank

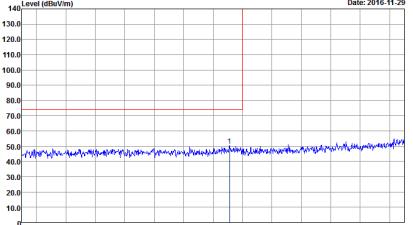
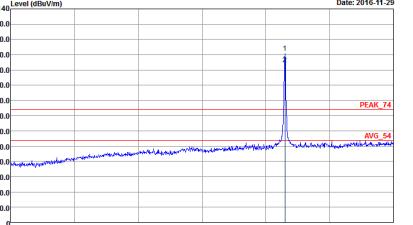
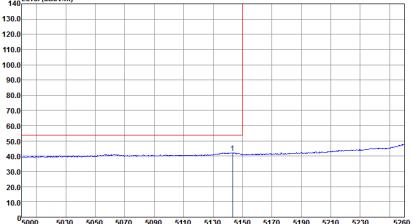


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 15	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: PSW Project: 6N0822 Mode: 15
Avg.	 Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 15	Left blank

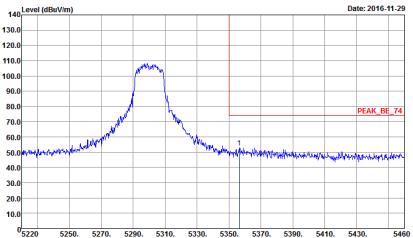
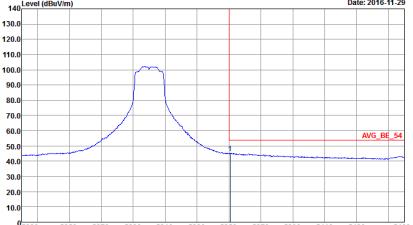


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
2	Horizontal	Vertical
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 15</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 15</p>	Left blank

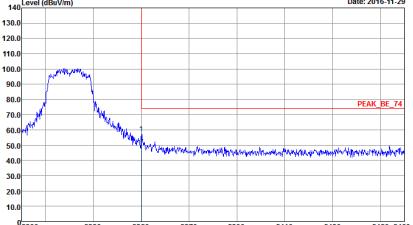
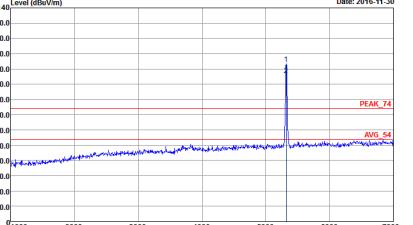
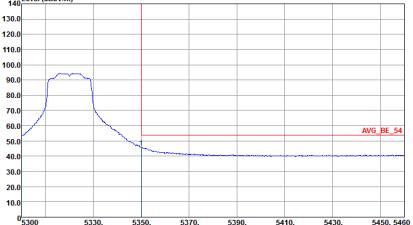


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 15	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 15
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 15	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: P00000 Mode: 15</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: P00000 Mode: 15</p>	Left blank



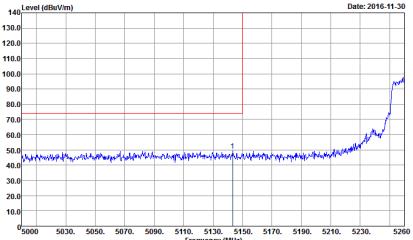
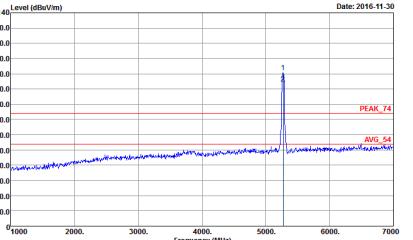
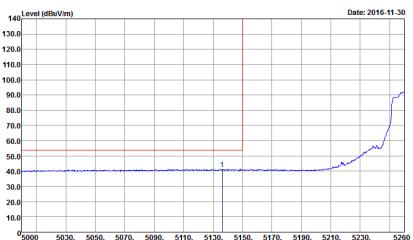
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000 000kHz VBW.3000.000kHz SWT:Auto Project: PEAK_74 Mode: 6N0822 Peak: 16</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000 000kHz VBW.3000.000kHz SWT:Auto Project: PEAK_74 Mode: 6N0822 Avg: 54</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector: RSWV-1000 000kHz VBW.1.000kHz SWT:Auto Project: AVG_BE_54 Mode: 6N0822 Peak: 16</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 6N0822 Mode: 16	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 6N0822 Mode: 16
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector: RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project: 6N0822 Mode: 16	Left blank



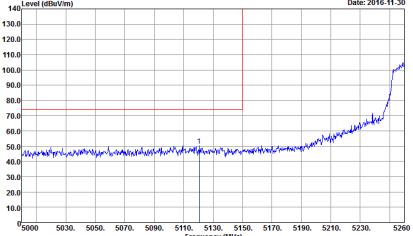
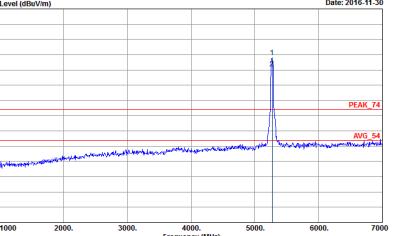
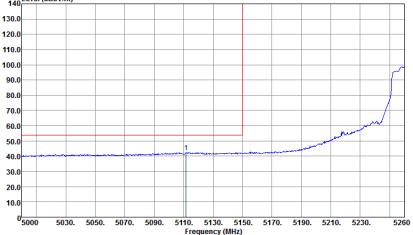
**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

<b>WIFI</b>	<b>Band 2 5250~5350MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH54 5270 - L</b>	
<b>2</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 23</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 23</p>
<b>Avg.</b>	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 23</p>	Left blank

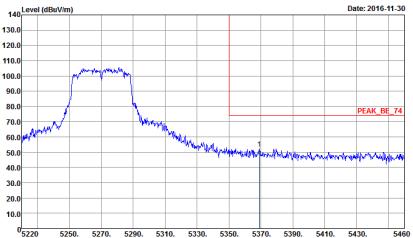
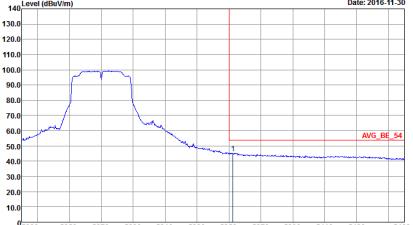


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 23</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 23</p>	Left blank

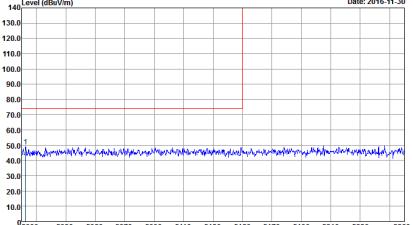
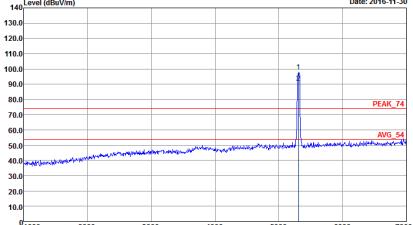
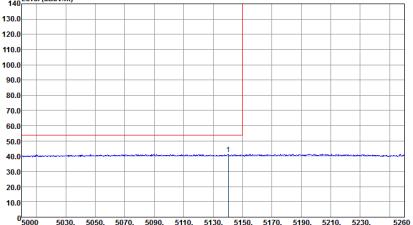


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
2	Vertical	Vertical
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 23</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 23</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 23</p>	Left blank

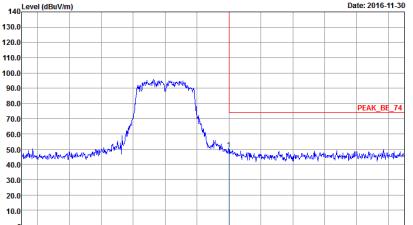
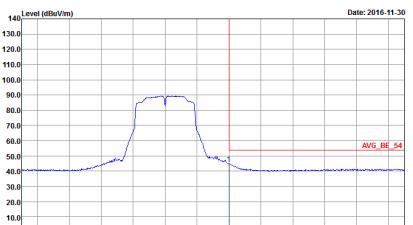


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
2	Vertical	Vertical
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 23</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 23</p>	Left blank

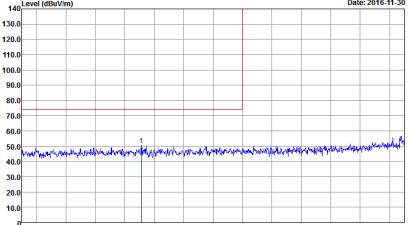
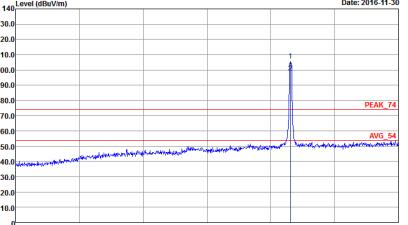
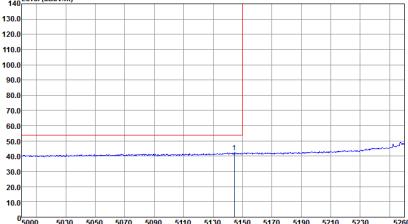


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Horizontal	Fundamental
Peak	 Site: 03CH074-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000 000KHz VBW.3000.000KHz SWT:Auto Project: Peak Mode: 6N0822 24 14	 Site: 03CH074-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000 000KHz VBW.3000.000KHz SWT:Auto Project: Peak Mode: 6N0822 24 14
Avg.	 Site: 03CH074-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000 000KHz VBW.3.000KHz SWT:Auto Project: Peak Mode: 6N0822 24 14	Left blank

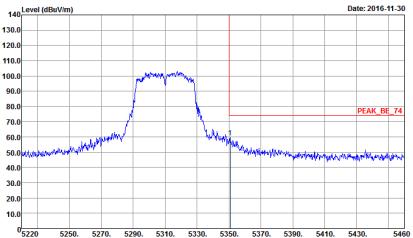
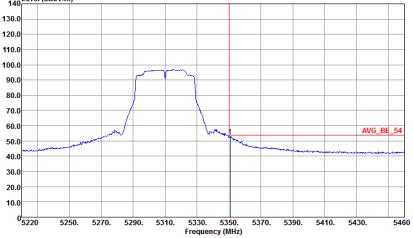


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 24 14</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 24 14</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 24 14	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 24 14
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 24 14	Left blank

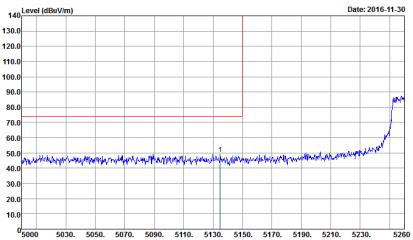
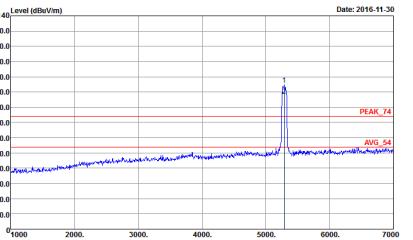
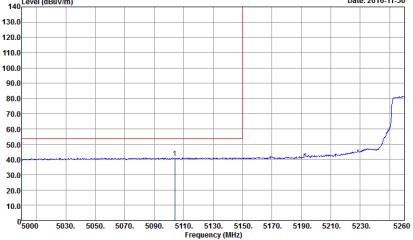


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 24 14</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 24 14</p>	Left blank

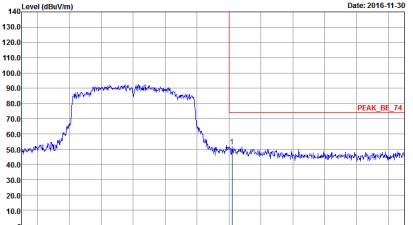
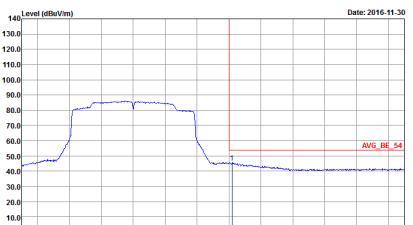


## Band 2 5250~5350MHz

## WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 30 : 14	 Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 30 : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 30 : 14	Left blank

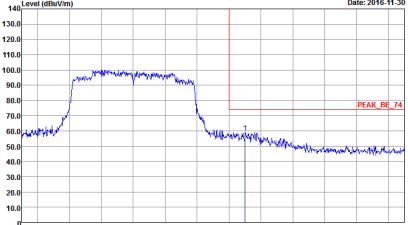
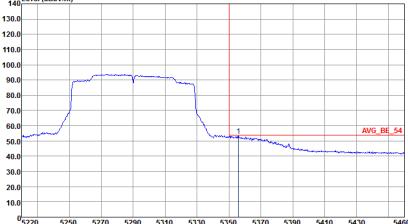


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 30 14</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 30 14</p>	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: :30 :14	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: :30 :14
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: :30 :14	Left blank

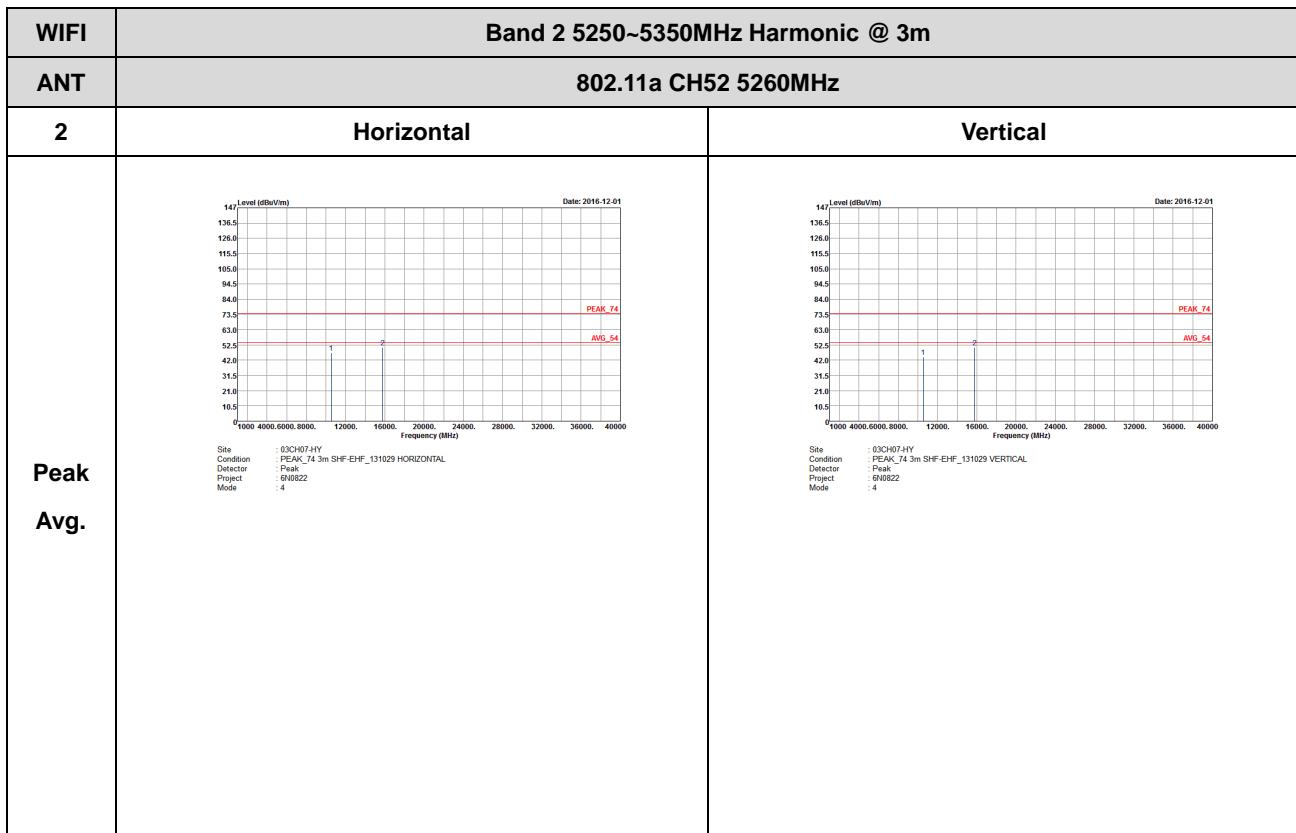


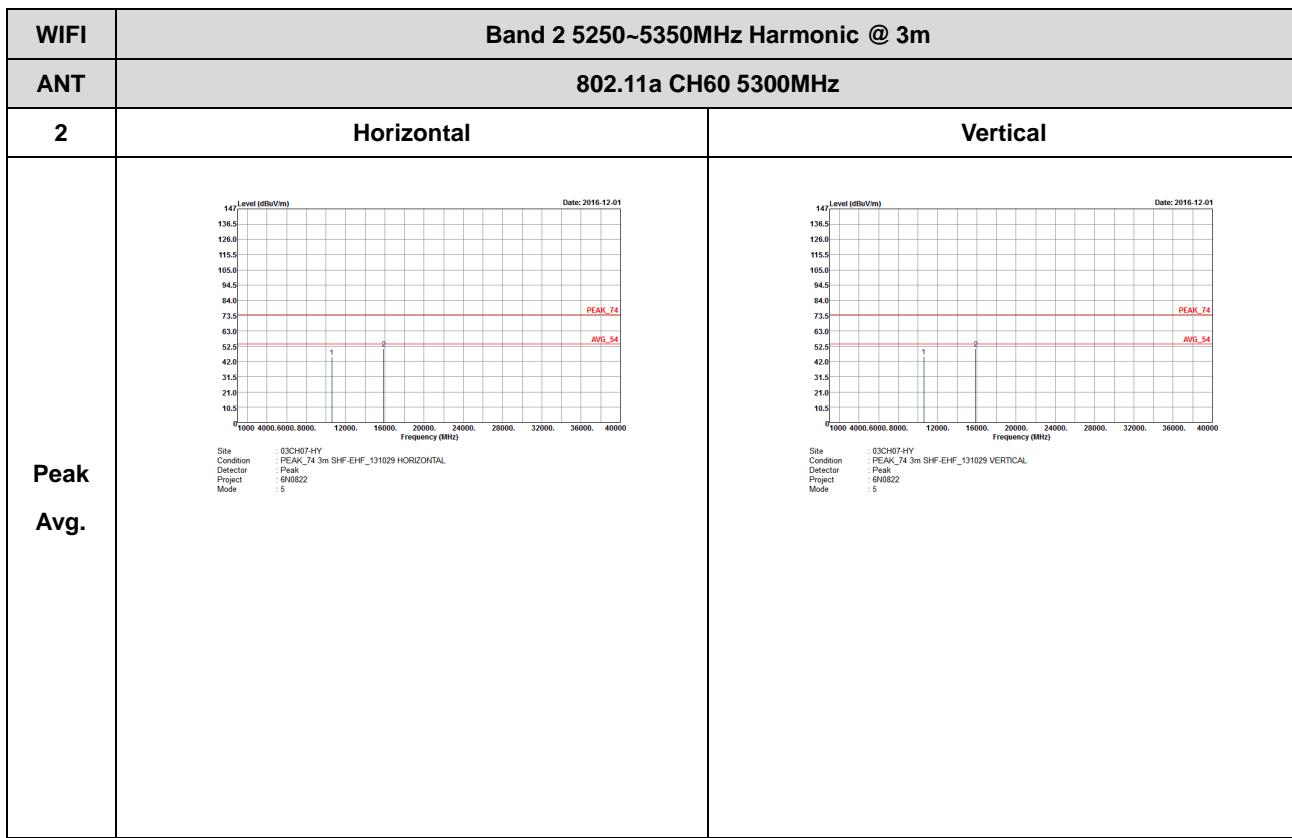
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 30 14</p>	Left blank
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 30 14</p>	Left blank

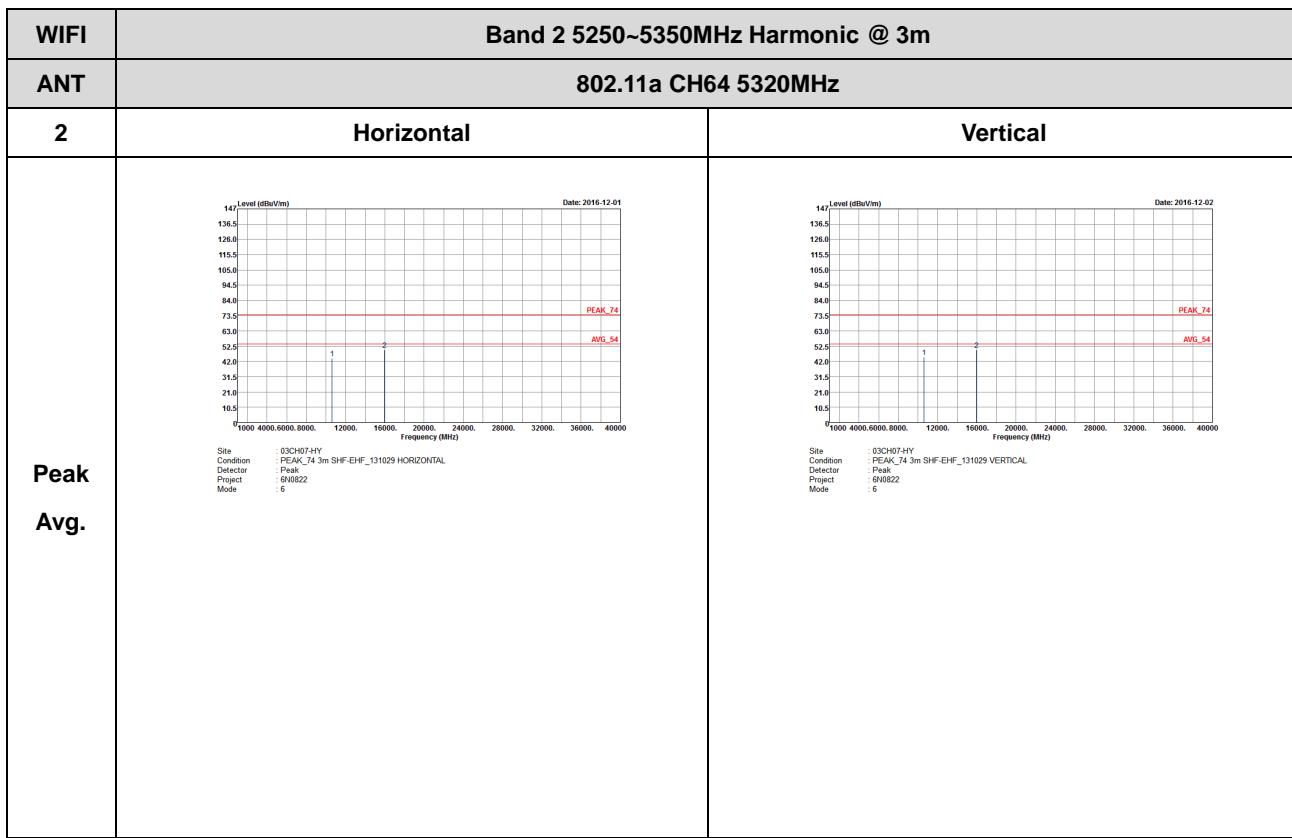


## Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

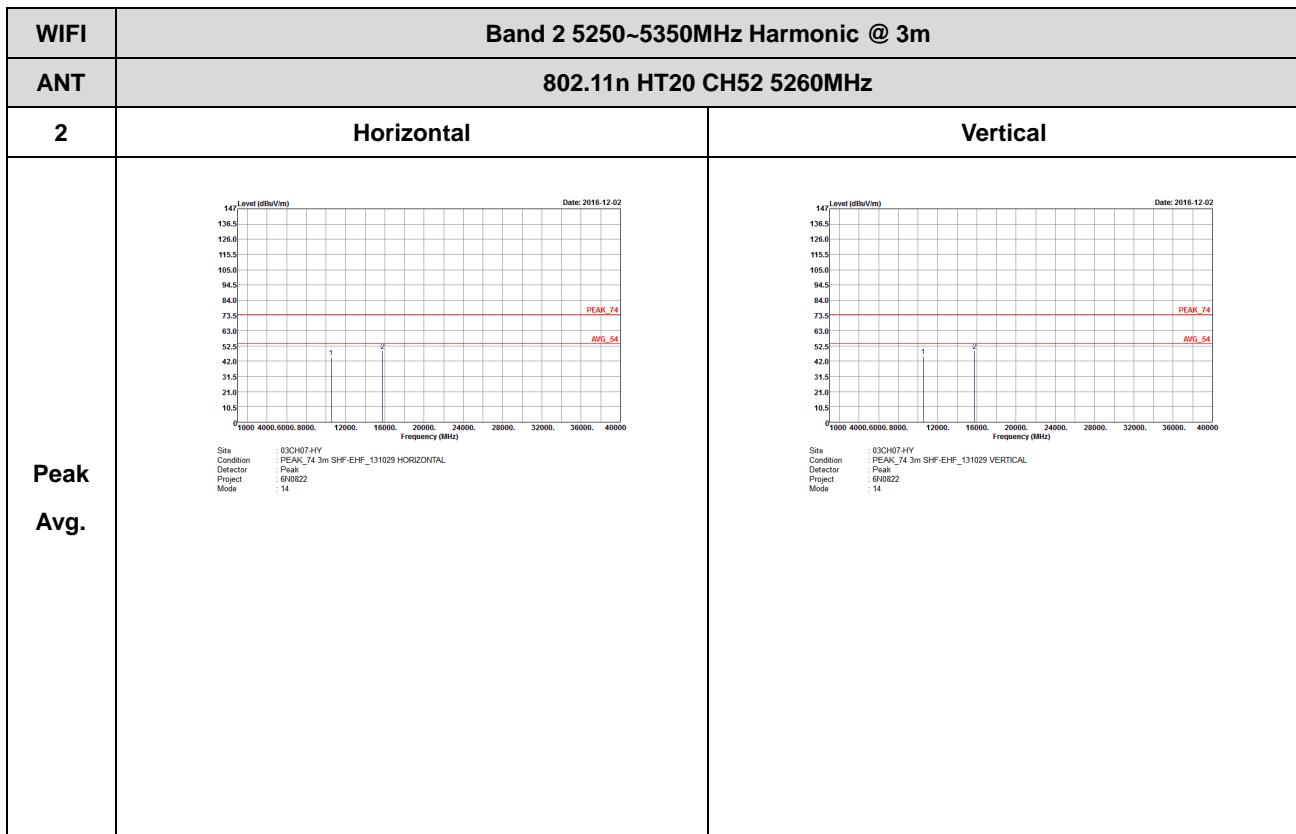


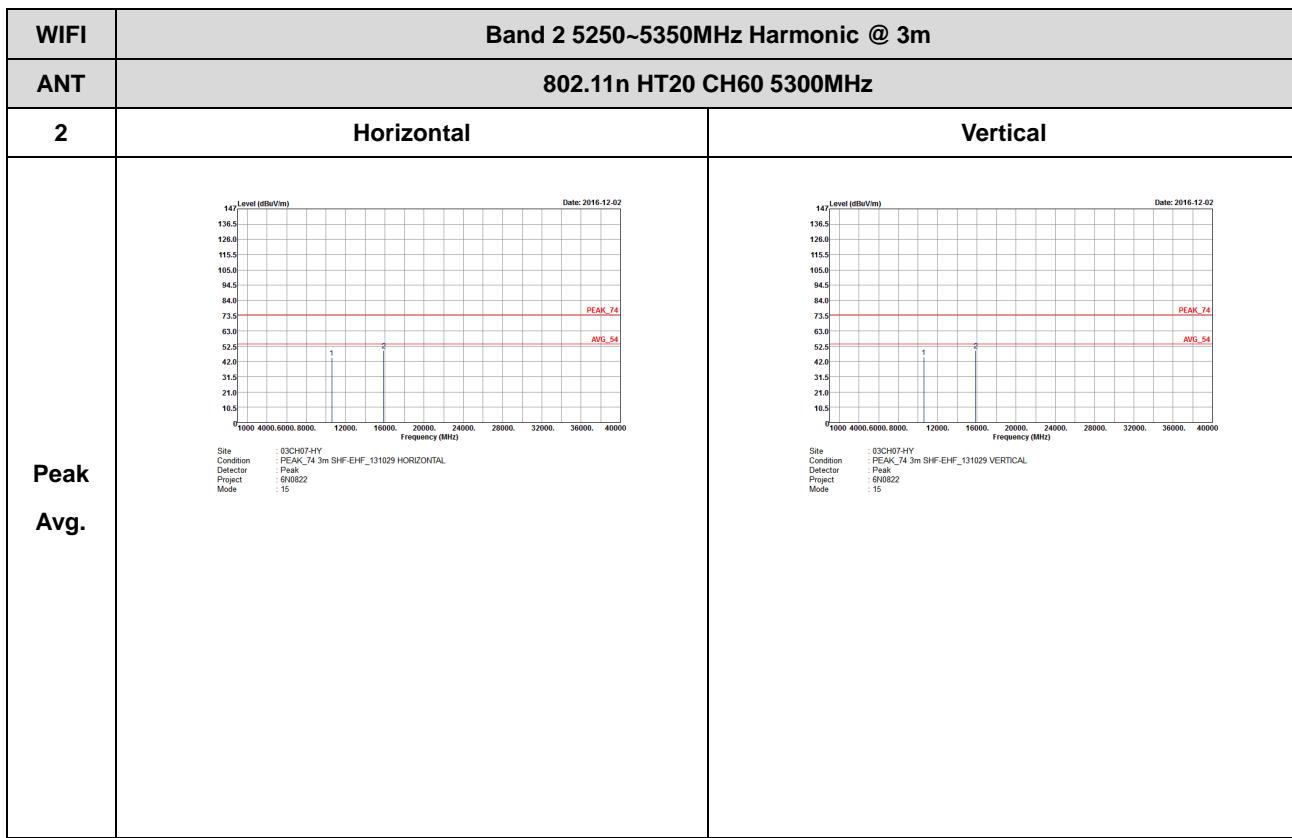


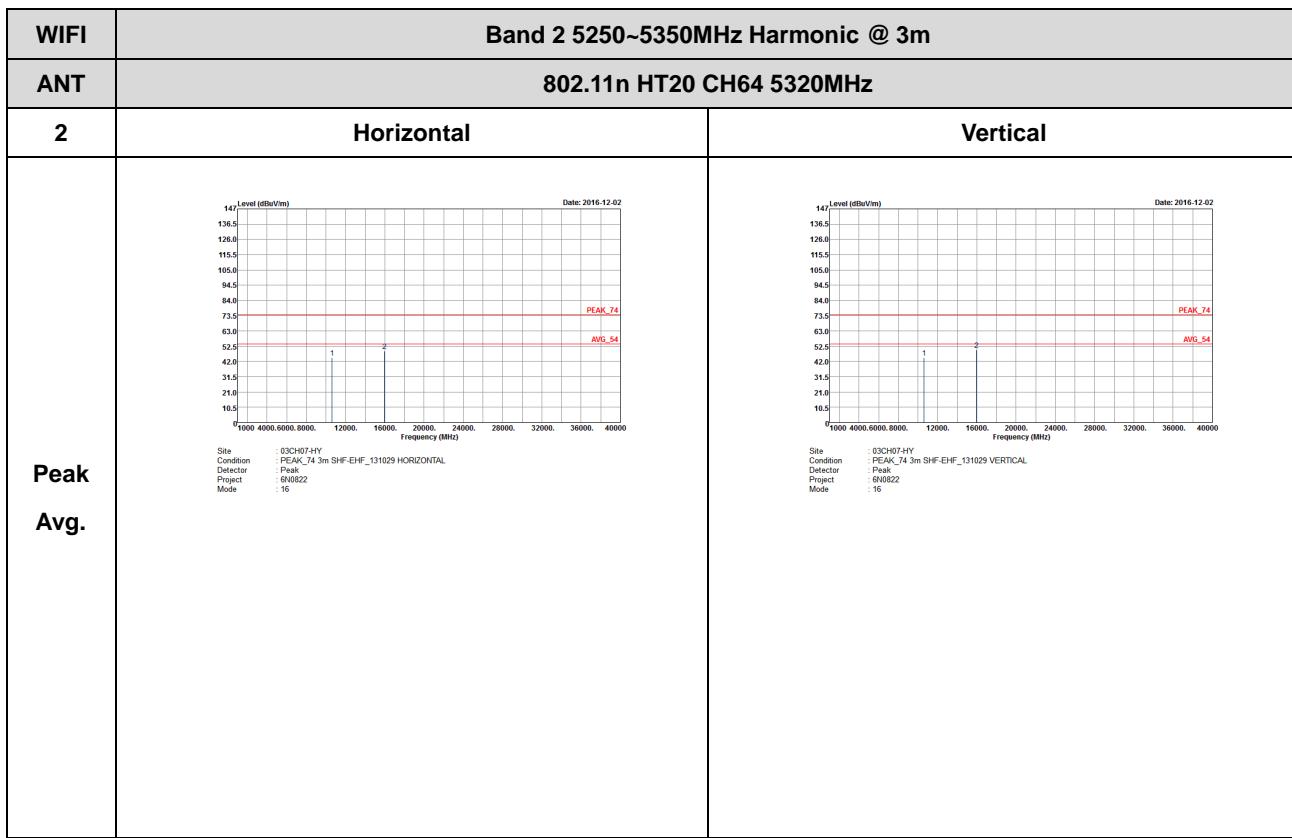




**Band 2 5250~5350MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

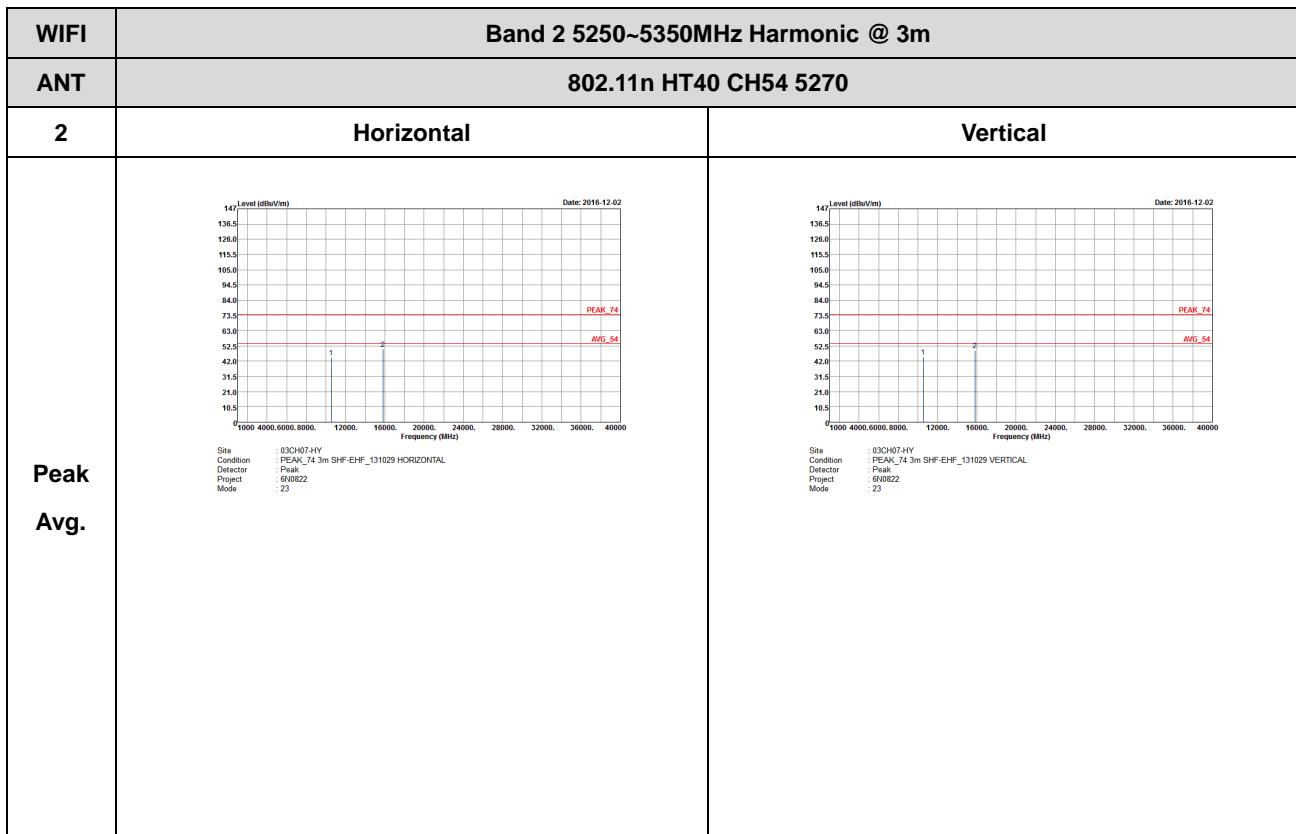


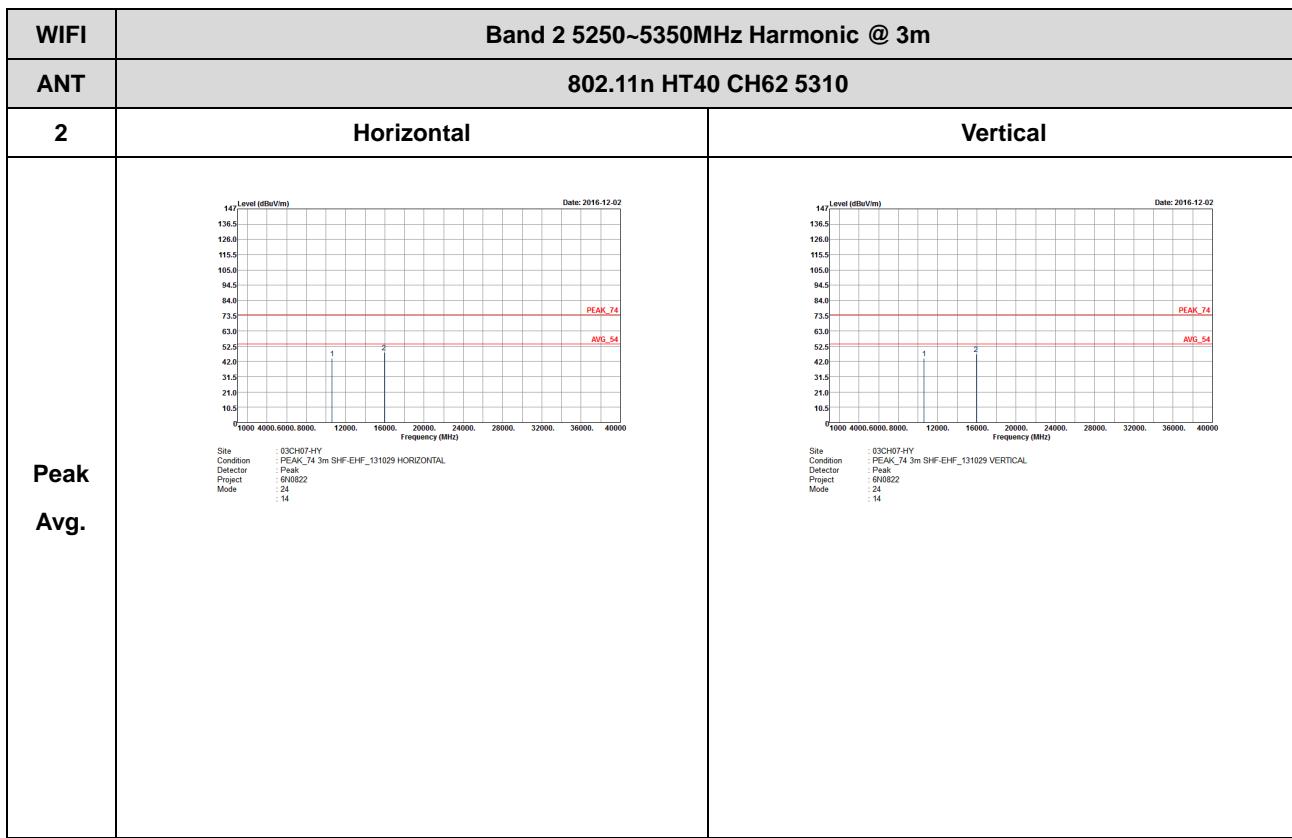






**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

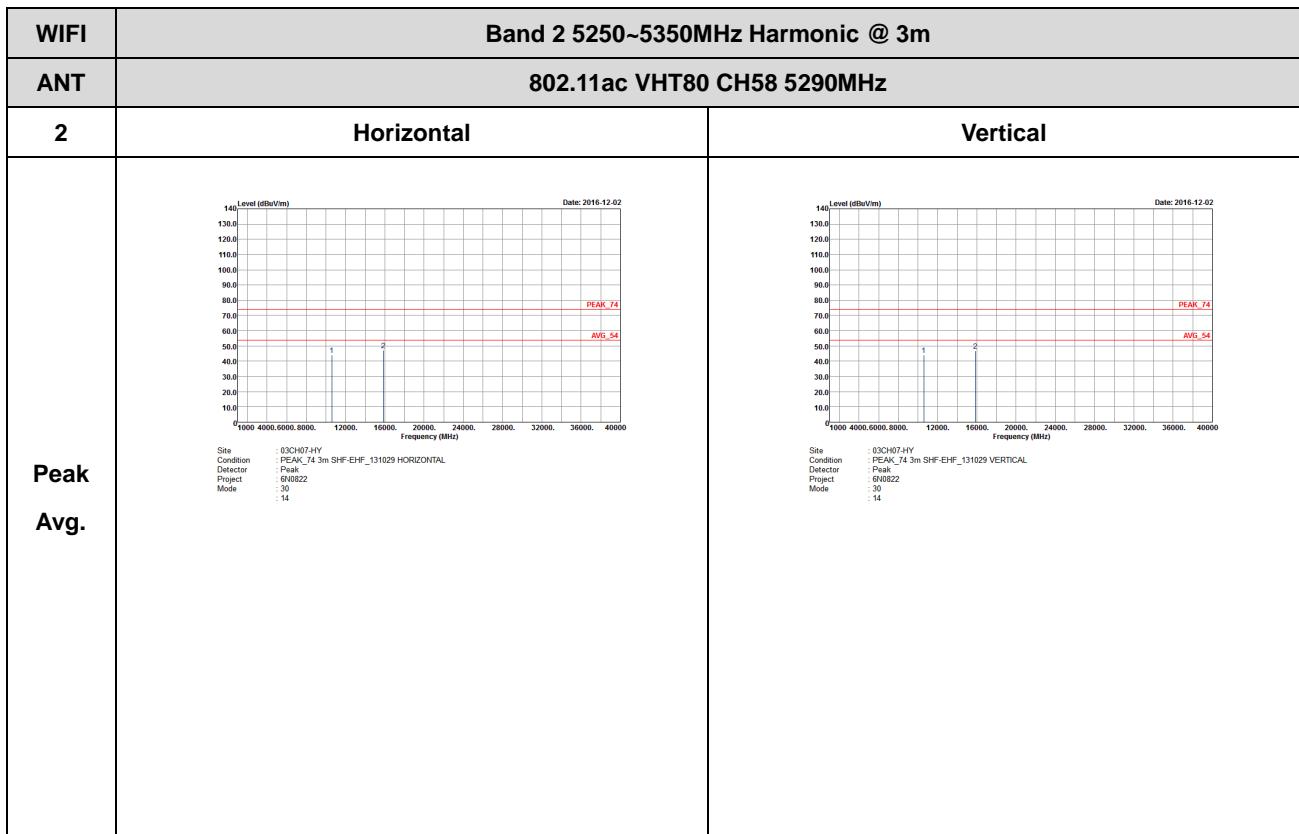






## Band 2 5250~5350MHz

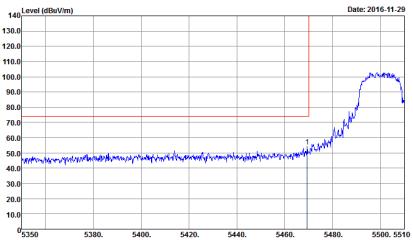
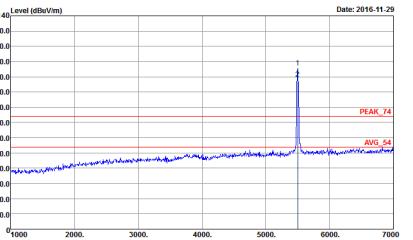
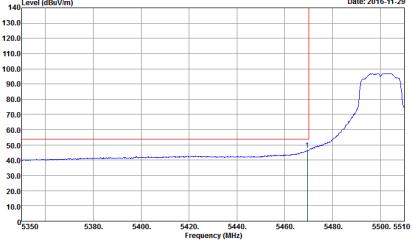
WIFI 802.11ac VHT80 (Harmonic @ 3m)



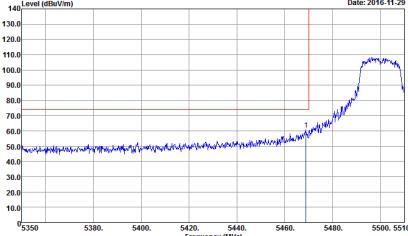
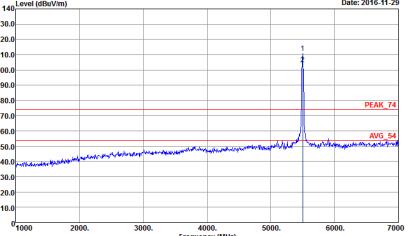
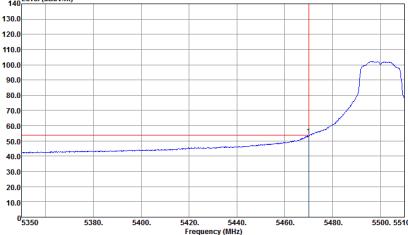


## Band 3 - 5470~5725MHz

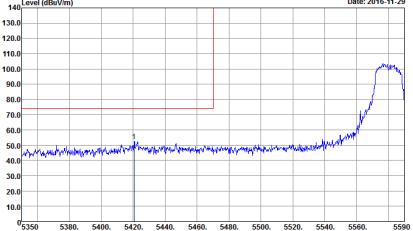
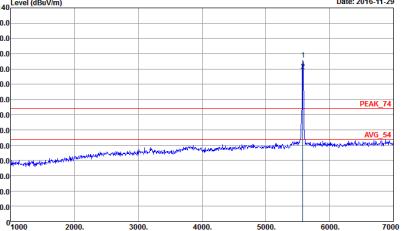
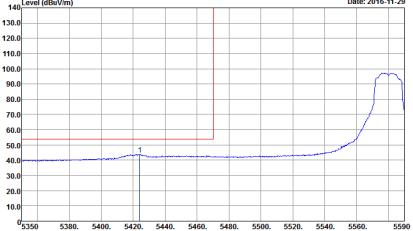
## WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m)</p> <p>Date: 2016-11-29</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SW:Auto Detector : Peak Project : 6N0822 Mode : 7</p>	 <p>Level (dBuV/m)</p> <p>Date: 2016-11-29</p> <p>Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:3000_000kHz SW:Auto Detector : Peak Project : 6N0822 Mode : 7</p>
Avg.	 <p>Level (dBuV/m)</p> <p>Date: 2016-11-29</p> <p>Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000_000kHz VBW:1_000kHz SW:Auto Detector : Peak Project : 6N0822 Mode : 7</p>	Left blank

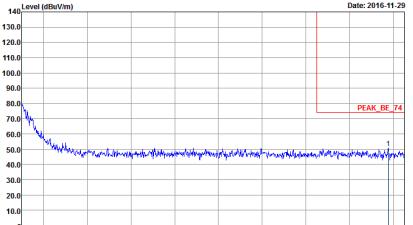
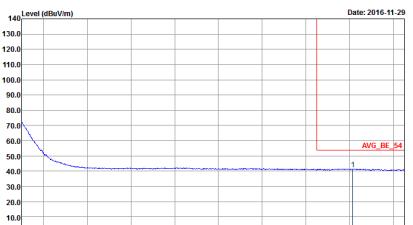


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Vertical	Fundamental
Peak	 Site Condition : 03CH07-HY Detector : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 6N0822 Mode : 7	 Site Condition : 03CH07-HY Detector : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 6N0822 Mode : 7
Avg.	 Site Condition : 03CH07-HY Detector : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 6N0822 Mode : 7	Left blank

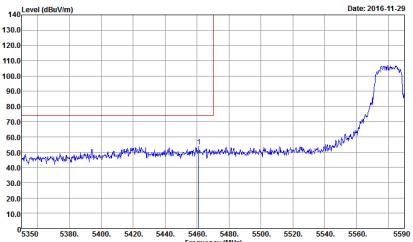
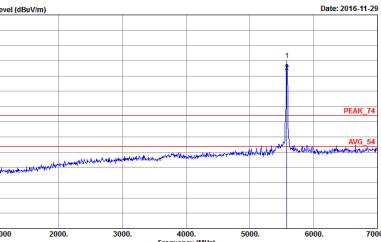
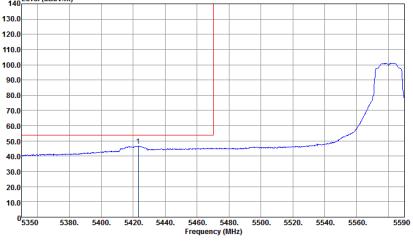


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 8</p>	 <p>Site: 03CH074-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 8</p>
Avg.	 <p>Site: 03CH074-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 8</p>	Left blank



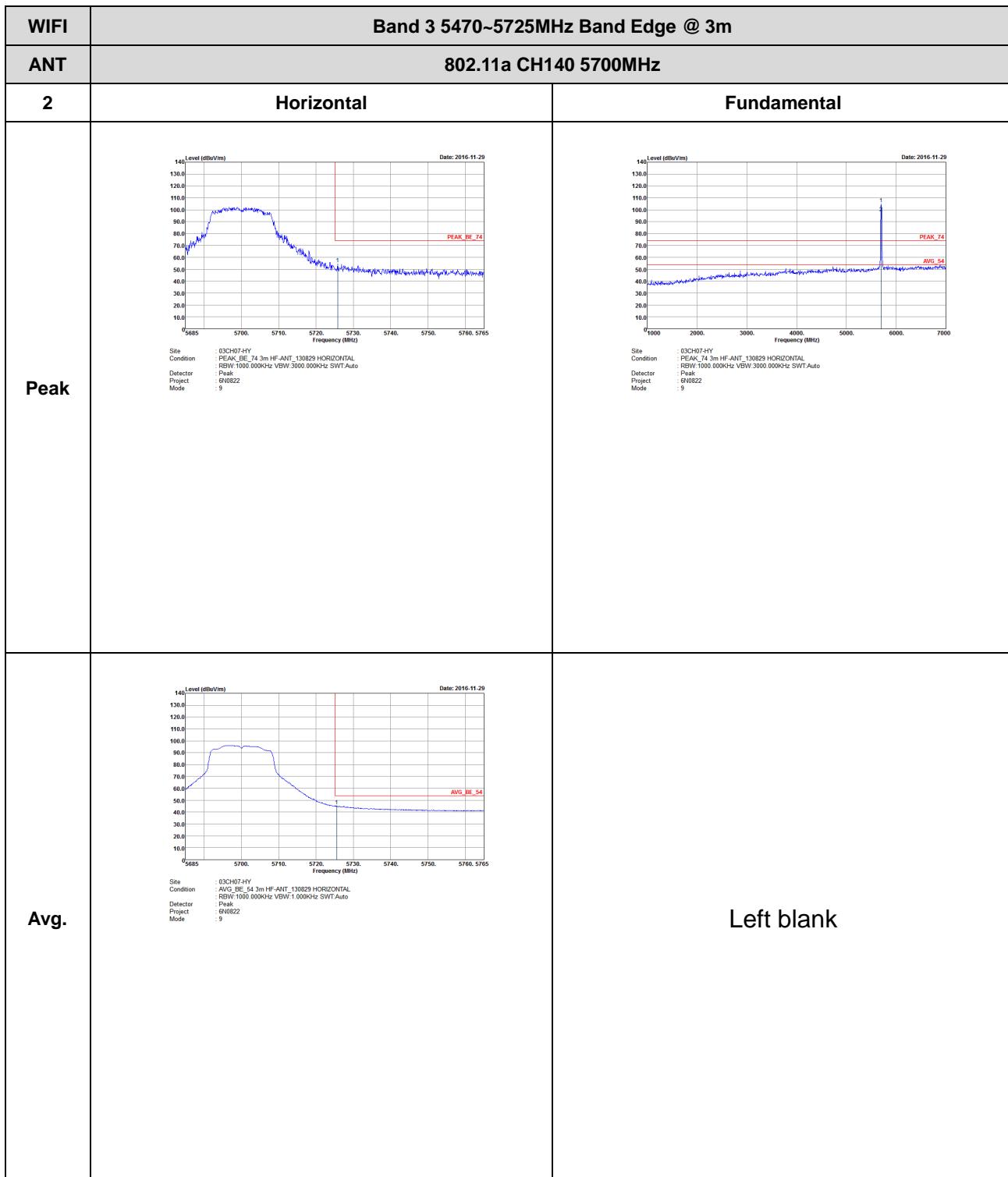
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 8</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 8</p>	Left blank



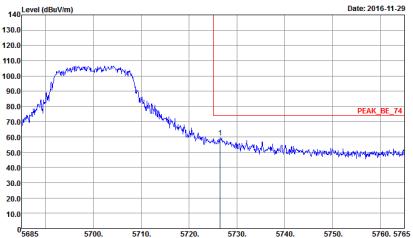
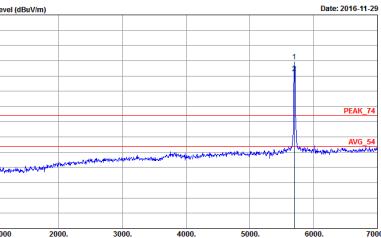
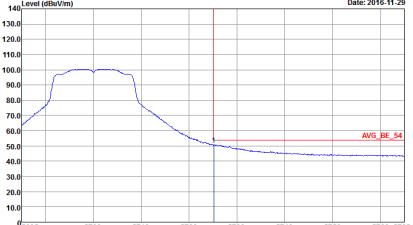
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 8</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 8</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 8</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak	 Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector: RBW:1000.000KHz VBW: 3000.000KHz SWT:Auto Project: Peak Mode: 6N0822 8	Left blank
Avg.	 Site Condition: 03CH07-HY AVG_BE_24 3m HF-ANT_130829 VERTICAL Detector: RBW:1000.000KHz VBW: 1.000KHz SWT:Auto Project: Peak Mode: 6N0822 8	Left blank

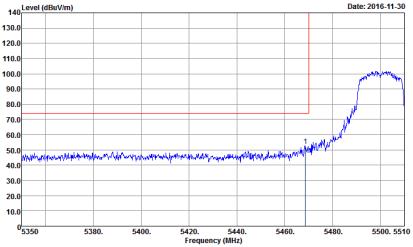
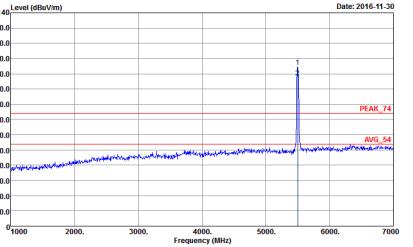
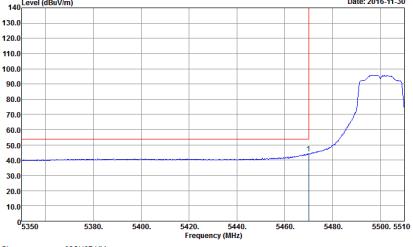




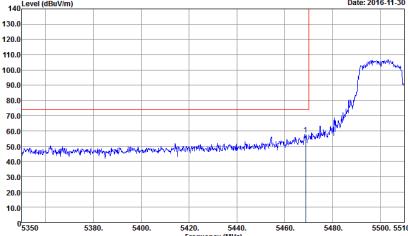
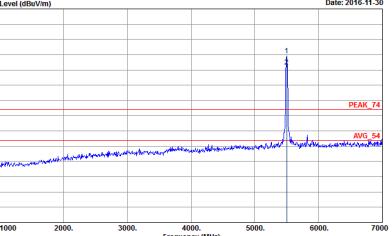
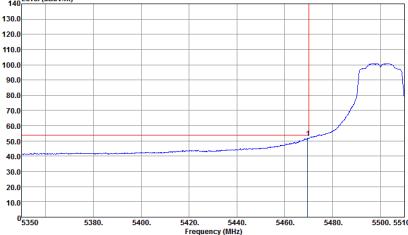
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak	 <p>Site Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 6N0822 Mode : 9</p>	 <p>Site Condition : PEAK_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 6N0822 Mode : 9</p>
Avg.	 <p>Site Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 6N0822 Mode : 9</p>	Left blank



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

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH074-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 17</p>	 <p>Site : 03CH074-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 17</p>
Avg.	 <p>Site : 03CH074-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000 000KHz VBW:1 000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 17</p>	Left blank

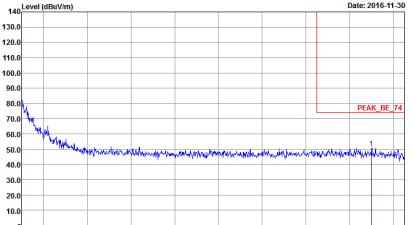
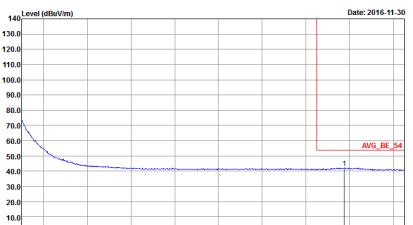


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
2	Vertical	Fundamental
Peak	 Site Condition : 03CH07-HY Site Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 6N0822 Mode : 17	 Site Condition : 03CH07-HY Site Condition : PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 6N0822 Mode : 17
Avg.	 Site Condition : 03CH07-HY Site Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 6N0822 Mode : 17	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH074-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 18</p>	<p>Site : 03CH074-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 18</p>
Avg.	<p>Site : 03CH074-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 6N0822 Mode : 18</p>	Left blank

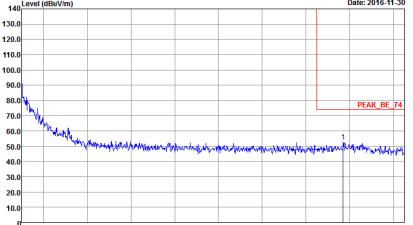
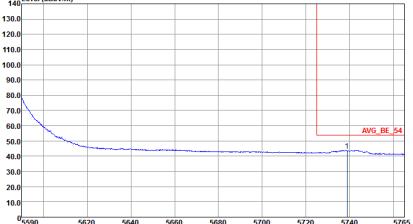


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130820 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 18</p>	Left blank
Avg.	 <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 18</p>	Left blank

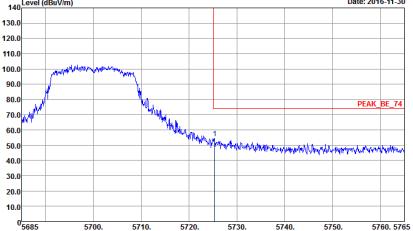
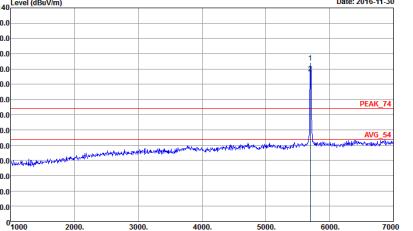
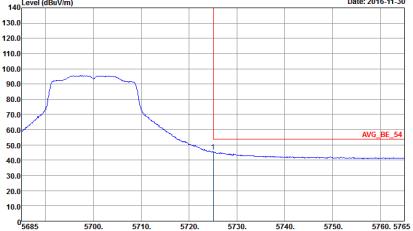


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
2	Vertical	Fundamental
Peak	<p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 18</p>	<p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 18</p>
Avg.	<p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 18</p>	Left blank

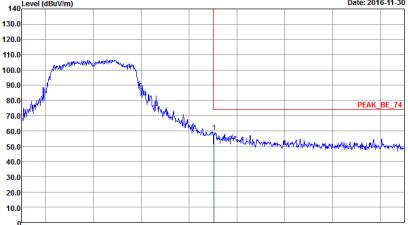
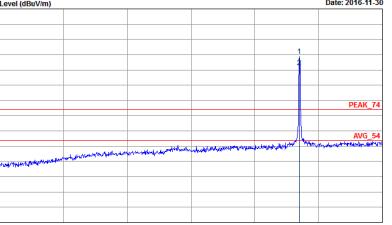
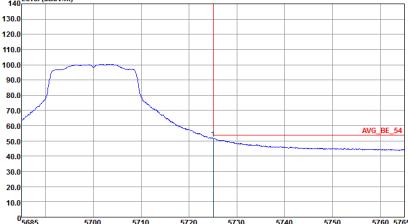


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 18</p>	Left blank
Avg.	 <p>Site Condition: 03CH07-HY AVG_BE_24 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 1.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 18</p>	Left blank



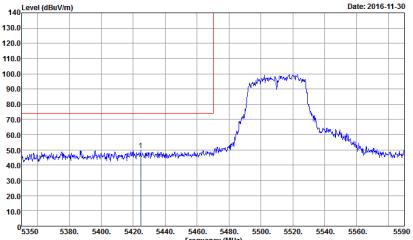
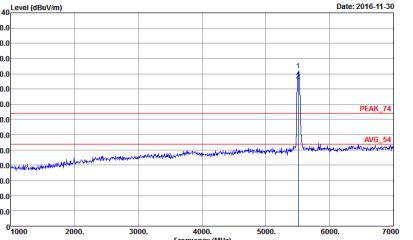
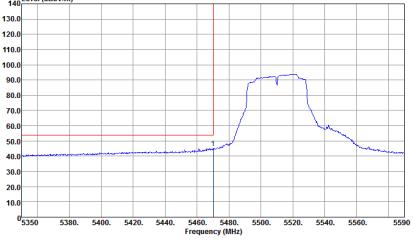
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000.000KHz VBW.3000.000KHz SWT:Auto Project: PEAK Mode: 6N0822 Peak: 19</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000.000KHz VBW.3000.000KHz SWT:Auto Project: PEAK Mode: 6N0822 Peak: 19</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000.000KHz VBW.1.000KHz SWT:Auto Project: AVG Mode: 6N0822 Peak: 19</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
2	Vertical	Fundamental
Peak.	 <p>Site Condition : 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector Peak Project 6N0822 Mode : 19</p>	 <p>Site Condition : 03CH07-HY PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector Peak Project 6N0822 Mode : 19</p>
Avg.	 <p>Site Condition : 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector Peak Project 6N0822 Mode : 19</p>	Left blank



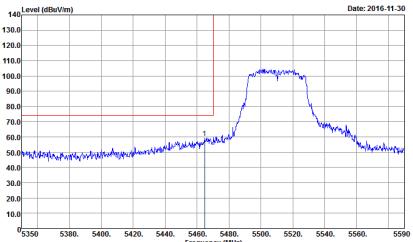
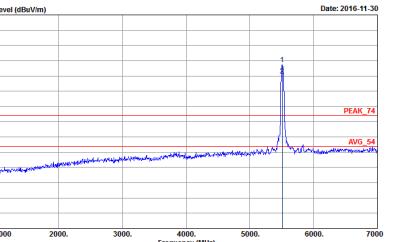
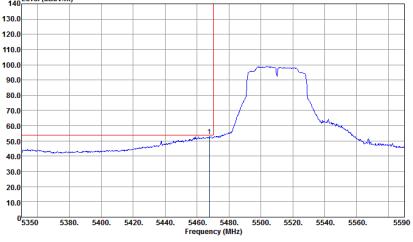
**Band 3 5470~5725MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5590. The plot shows a broad emission peaking around 5470 MHz. A red vertical line marks the band edge at 5470 MHz. A red horizontal line indicates the noise floor.</p> <p>Date: 2016-11-30</p> <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25</p>	 <p>Level (dBuV/m) vs Frequency (MHz) from 4000 to 7000. A single sharp peak is labeled 'PEAK_74' at approximately 5510 MHz. A red horizontal line indicates the noise floor.</p> <p>Date: 2016-11-30</p> <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3000 000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) from 5350 to 5590. The plot shows a broad emission peaking around 5470 MHz. A red vertical line marks the band edge at 5470 MHz. A red horizontal line indicates the noise floor.</p> <p>Date: 2016-11-30</p> <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130822 HORIZONTAL RBW:1000 000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25</p>	Left blank

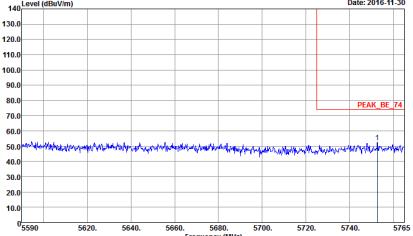
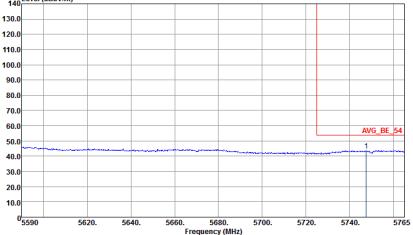


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Horizontal	Fundamental
Peak	<p>Level (dBm/m) vs Frequency (MHz) plot from 5590 to 5765 MHz. A red vertical bar indicates the peak level at approximately 80 dBm, labeled 'PEAK_BE_74'. The plot shows a flat baseline with minor noise fluctuations.</p> <p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25</p>	Left blank
Avg.	<p>Level (dBm/m) vs Frequency (MHz) plot from 5590 to 5765 MHz. A red vertical bar indicates the average level at approximately 50 dBm, labeled 'AVG_BE_54'. The plot shows a flat baseline with minor noise fluctuations.</p> <p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25</p>	Left blank

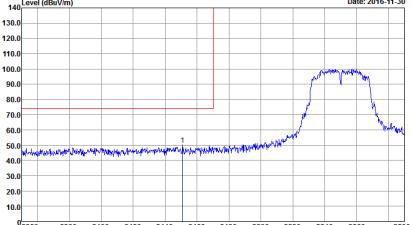
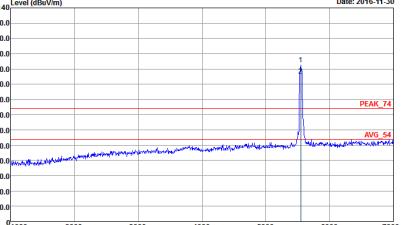


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 25	Left blank

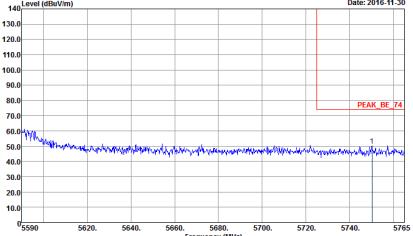
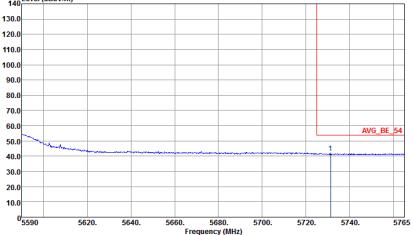


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector: AVG BE Peak Project: 6N0822 Mode: 25</p>	Left blank
Avg.	 <p>Site Condition: 03CH07-HY AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector: AVG BE Peak Project: 6N0822 Mode: 25</p>	Left blank

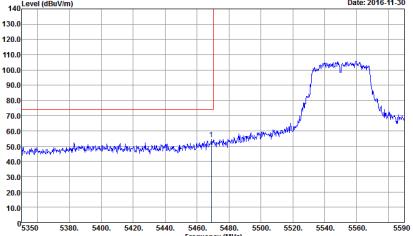
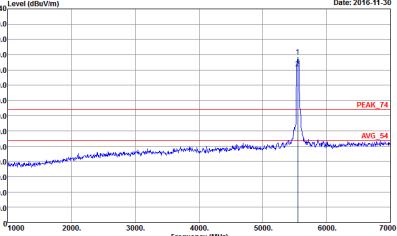
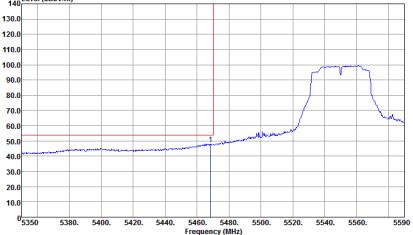


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000 000KHz VBW.3000.000KHz SWT:Auto Project: PEAK_74 Mode: 6N0822 Peak: 26</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000 000KHz VBW.3000.000KHz SWT:Auto Project: PEAK_74 Mode: 6N0822 Avg.: 54</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL Detector: RSW-1000 000KHz VBW.3.000KHz SWT:Auto Project: AVG_54 Mode: 6N0822 Peak: 29</p>	Left blank

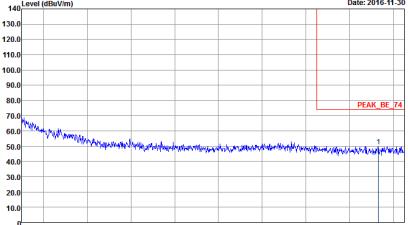
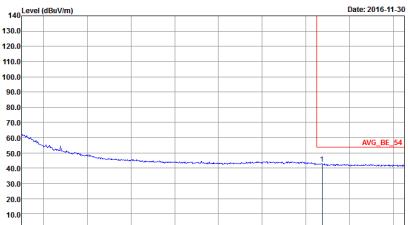


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: P00000000000000000000000000000000 Mode: 6N0822 26</p>	Left blank
Avg.	 <p>Site Condition: 03CH07-HY AVG_BE_24 3m HF-ANT_130829 HORIZONTAL Detector: RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project: P00000000000000000000000000000000 Mode: 6N0822 26</p>	Left blank

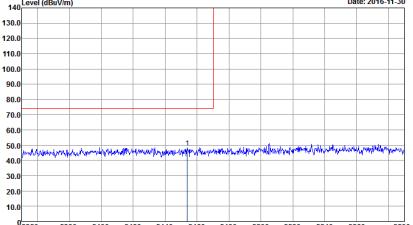
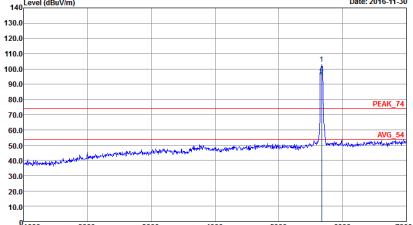
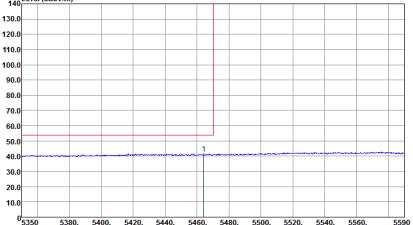


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
2	Vertical	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 26</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 26</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 26</p>	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 26</p>	Left blank
Avg.	 <p>Site Condition: 03CH07-HY AVG_BE_24 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SWV:Auto Detector: Peak Project: 6N0822 Mode: 26</p>	Left blank

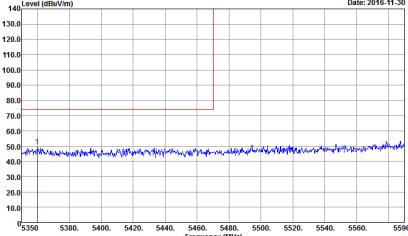
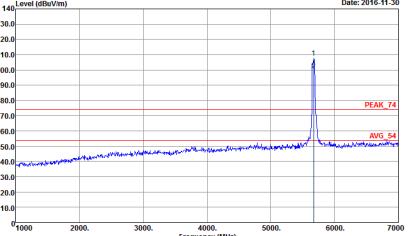
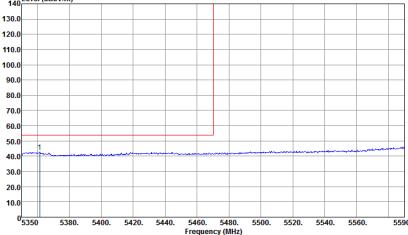


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 27</p>	 <p>Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 27</p>
Avg.	 <p>Site: 03CH07-HY Condition: AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector: Peak Project: 6N0822 Mode: 27</p>	Left blank

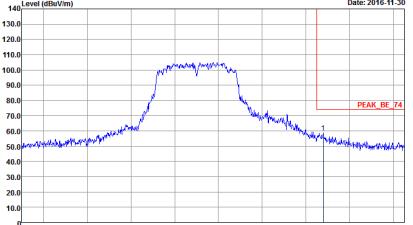


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site: 03CH074HY Condition: PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 27</p>	Left blank
Avg.	<p>Site: 03CH074HY Condition: AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 27</p>	Left blank



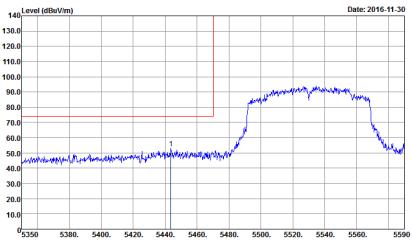
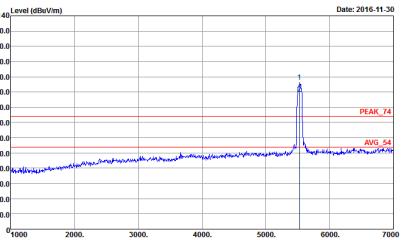
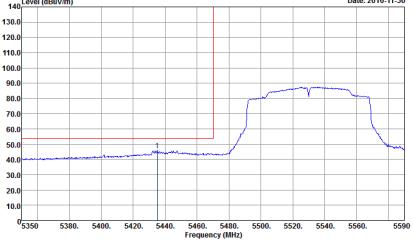
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
2	Vertical	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 27	 Site: 03CH07-HY Condition: PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 27
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 6N0822 Mode: 27	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBuV/m)</p> <p>Date: 2016-11-30</p> <p>PEAK_BE_74</p> <p>Site Condition: 03CH07-HY PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3000.000KHz SW:Auto Detector: Peak Project: 6N0822 Mode: 27</p>	Left blank
Avg.	 <p>Level (dBuV/m)</p> <p>Date: 2016-11-30</p> <p>AVG_BE_24</p> <p>Site Condition: 03CH07-HY AVG_BE_24 3m HF-ANT_130829 VERTICAL RBW:1000.000KHz VBW: 3.000KHz SW:Auto Detector: Peak Project: 6N0822 Mode: 27</p>	Left blank



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

<b>WIFI</b>	<b>Band 3 5470~5725MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT80 CH106 5530MHz - L</b>	
<b>2</b>	<b>Horizontal</b>	<b>Fundamental</b>
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3000.000KHz SWT-Auto Project : 6N0822 Mode : 31 : 12.75</p>	 <p>Site : 03CH07-HY Condition : PEAK_74_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3000.000KHz SWT-Auto Project : 6N0822 Mode : 31 : 12.75</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54_3m_HF-ANT_130829_HORIZONTAL Detector : RBW-1000.000KHz VBW-3.000KHz SWT-Auto Project : 6N0822 Mode : 31 : 12.75</p>	Left blank