FCC RF Test Report

APPLICANT	:	Nest Labs Inc.
EQUIPMENT	:	Nest Cam IQ
MODEL NAME	:	A0053
FCC ID	:	ZQANC31
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

The product was completed on Mar. 08, 2017. 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

Testing Laboratory 1190

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

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR630207-02D	Rev. 01	Initial issue of report	Apr. 19, 2017
FR630207-02D	Rev. 02	Add remark description of test mode in section 2.2, and antenna information in section 1.2, and add loop antenna information in section 4, and add description of radiated spurious emissions below 30MHz in section 3.4.5.	May 05, 2017
FR630207-02D	Rev. 03	Add Zigbee information in section 1.2 and revising connection diagram of test system in section 2.3.	May 09, 2017
FR630207-02D	Rev. 04	Remover frequency stability description and test data in report and appendix a.	May 15, 2017

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result
3.1	2.1049 15.403(i)	26dB & 99% Bandwidth	-	Pass
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm (depend on band)	Pass
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm (depend on band)	Pass
3.4	15.407(b)	Unwanted Emissions	≤ -17, -27 dBm (depend on band)&15.209(a)	Pass
3.5	15.207	AC Conducted Emission	15.207(a)	Pass
-	15.407(g)	Frequency Stability	Within Operation Band	Not Required
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass
3.7	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass

1 General Description

1.1 Applicant

Nest Labs Inc.
3400 Hillview Ave.Palo Alto, CA 94304 USA

1.2 Product Feature of Equipment Under Test

Bluetooth- LE, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac, Zigbee

Product Specification subjective to this standard	
Antenna Type	ANT FPC 1 2.4G/5G : Fixed Internal Antenna ANT FPC 2 2.4G/5G : Fixed Internal Antenna ANT FPC 15.4 2.4G : Fixed Internal Antenna

1.3 Modification of EUT

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

1.4 Testing Location

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 52, Hwa Ya 1st 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	
Test Site No.	**Sporton Site No.**	
	TH05-HY	CO05-HY

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

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd. Guishan Dist, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH13-HY

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

1.5 Applicable Standards

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

FCC Part 15 Subpart E

FCC KDB 789033 D02 General UNII Test Procedures New Rules 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

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

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 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 VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

MIMO Antenna

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Remark : WLAN (STBC) only support MIMO mode operation.

Test Cases	
AC Conducted Emission	Mode 1 : WLAN Tx + Bluetooth Idle + Zigbee Idle + Y Cable + Adapter 1
Remark: For radiated spurious emissions, the tests were performed with Y Cable and Adapter 1.	

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

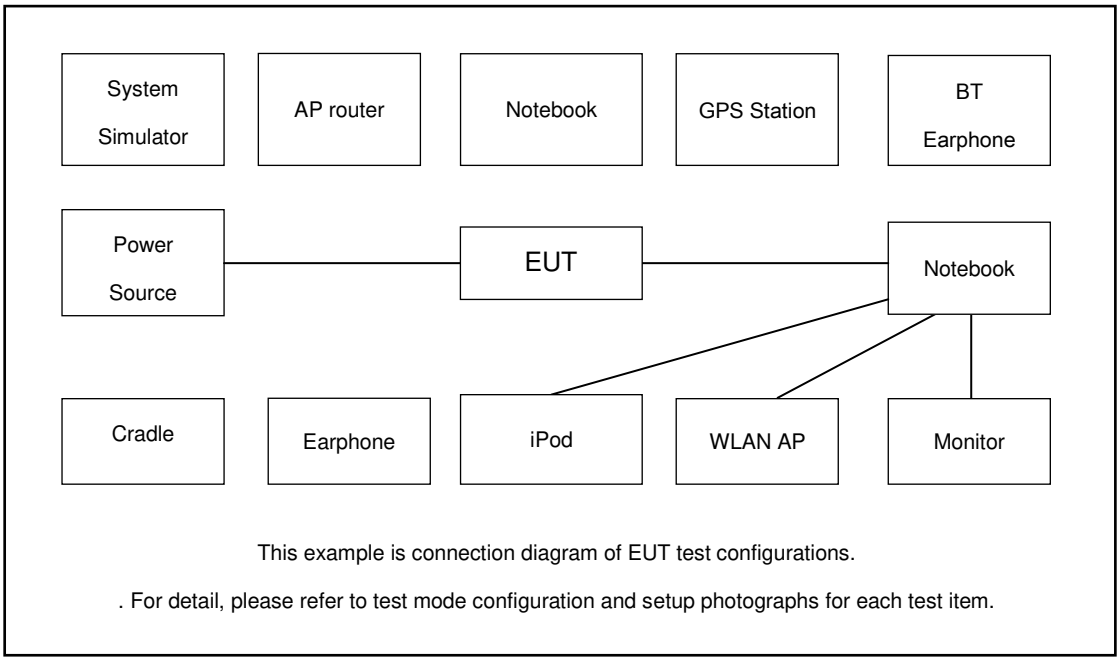
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
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
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
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



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude E3340	FCC DoC/ Contains FCC ID: PD97260NGU	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	iPod	Apple	A1285	FCC DoC	Shielded, 1.0 m	N/A
4.	Y Cable	N/A	N/A	N/A	Unshielded, 1.93 m	Unshielded, 1.93 m

2.5 EUT Operation Test Setup

For WLAN function, programmed RF utility, “ADB” installed in the notebook make the EUT provide functions like channel selection and power level for continuous transmitting and receiving signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, U-NII procedures were applied for operations in the frequency band in accordance with FCC KDB 644545 D03.

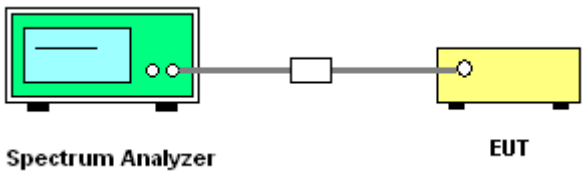
3.1.2 Measuring Instruments

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 C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1MHz and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup

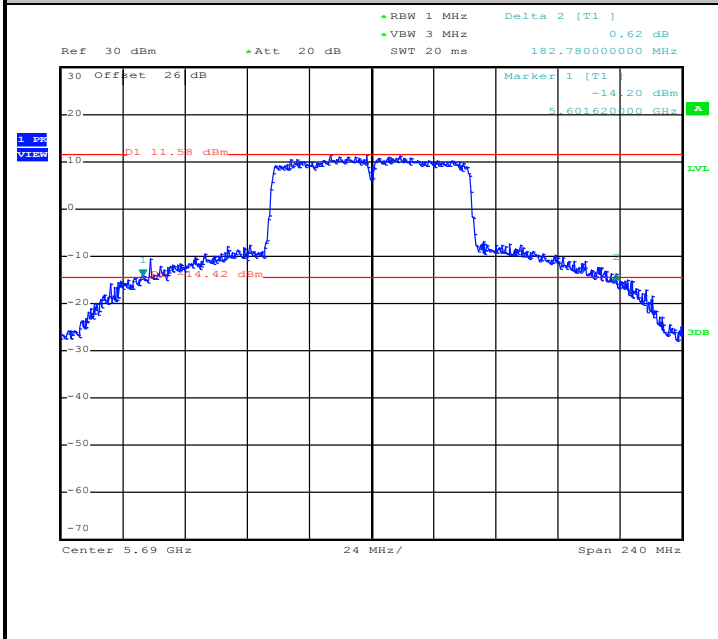


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

<CDD Modes>

Maximum 26dB Bandwidth



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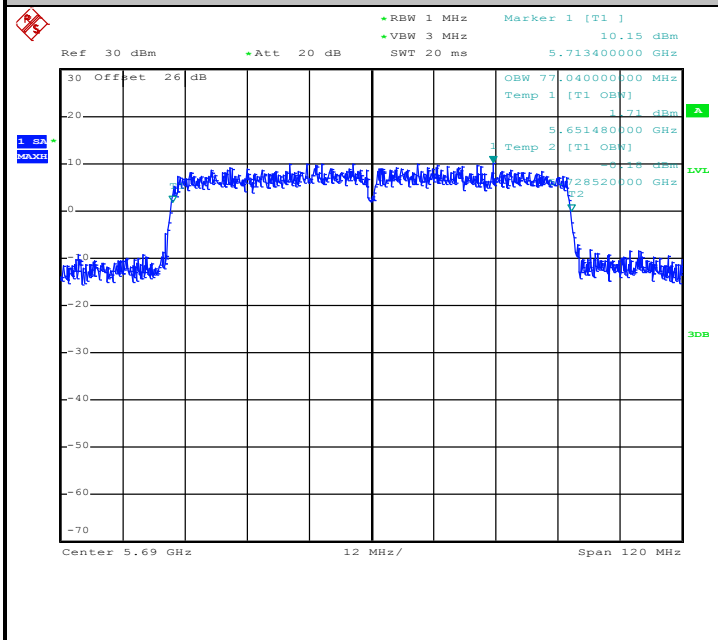
Maximum 99% Occupied Bandwidth

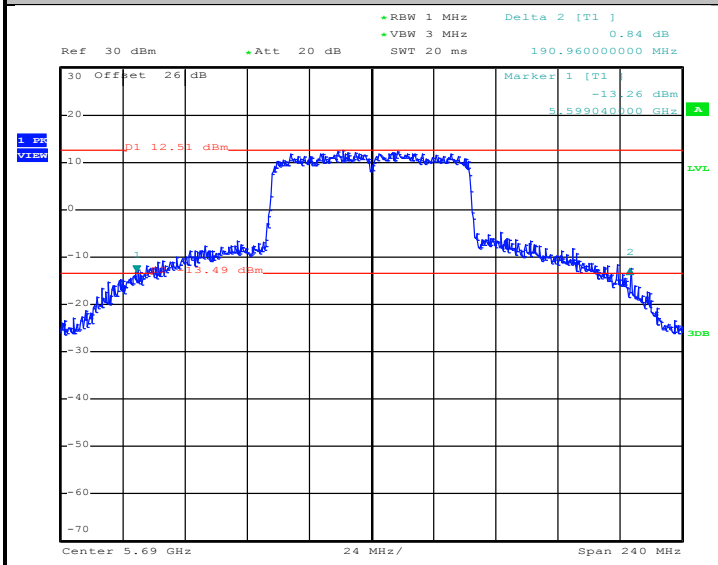


Date: 6.JAN.2017 06:44:52

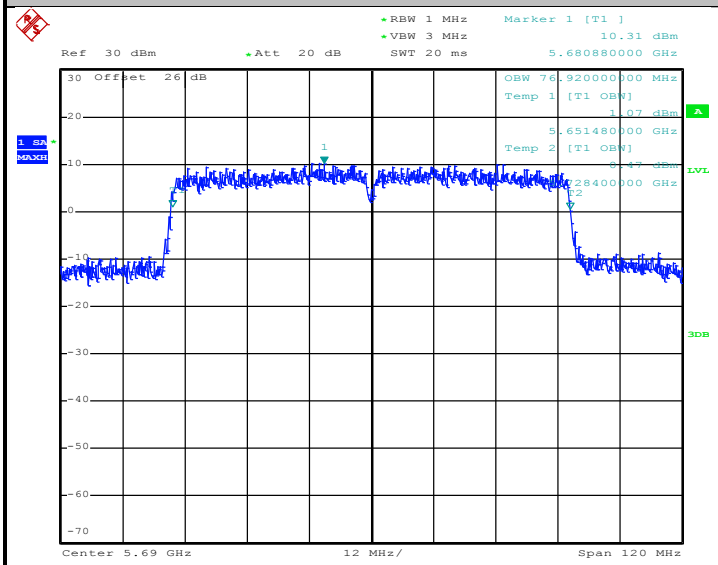
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<STBC Modes>

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.
For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, U-NII procedures and limits were applied for operations in the frequency band in accordance with FCC KDB 644545 D03.

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

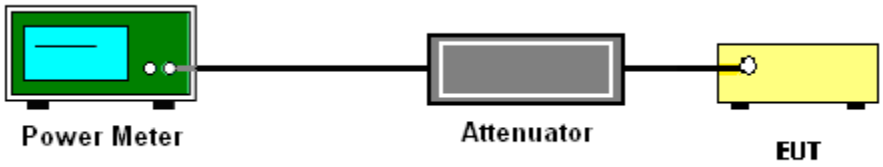
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.
Method PM (Measurement using an RF average power meter):

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

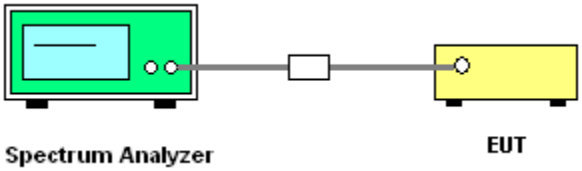
For straddle channel, the testing follows Method SA-3 (RMS detection with max hold) of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.
Compute power by integrating the spectrum across the 99% occupied bandwidth of the signal using the instrument's band power measurement function.

3.2.4 Test Setup

For normal channel:



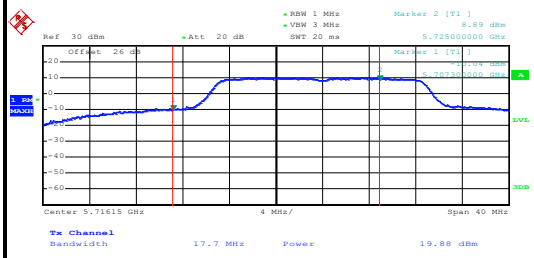
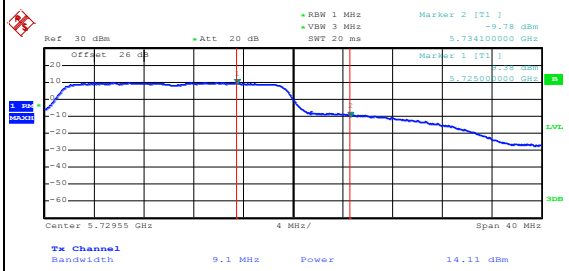
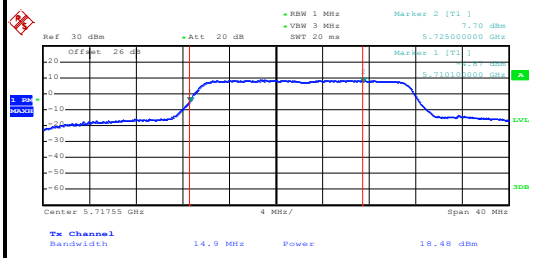
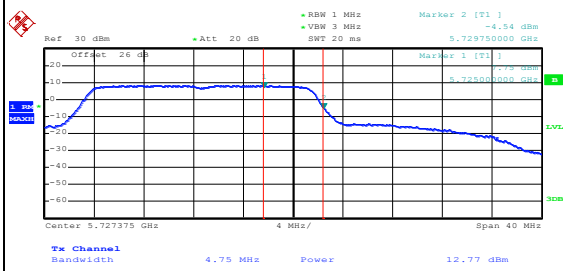
For straddle channel:



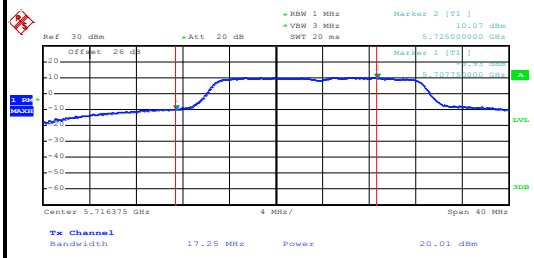
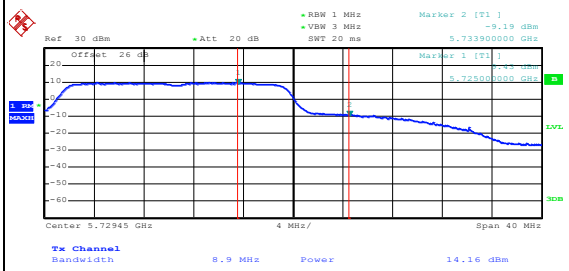
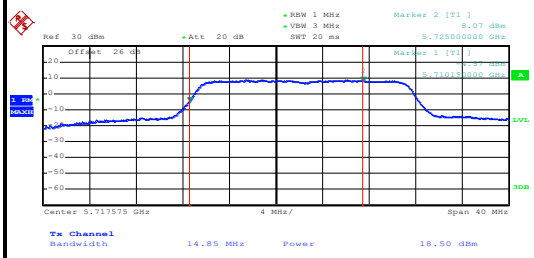
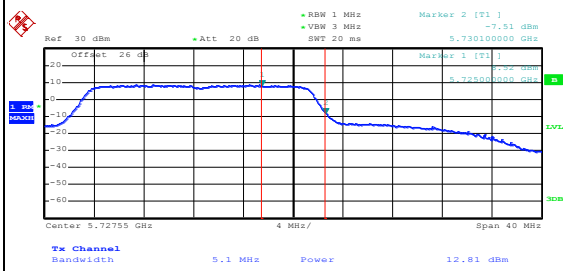
3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

<CDD Modes>

Maximum Straddle Channel Power	
Ant. 1	
NII-2C Band	**DTS Band**
 Date: 6.JAN.2017 05:48:00	 Date: 6.JAN.2017 05:49:24
Ant. 2	
NII-2C Band	**DTS Band**
 Date: 6.JAN.2017 05:50:21	 Date: 6.JAN.2017 05:51:16

<STBC Modes>

Maximum Straddle Channel Power	
Ant. 1	
NII-2C Band	**DTS Band**
 Date: 6.JAN.2017 07:07:26	 Date: 6.JAN.2017 07:08:12
Ant. 2	
NII-2C Band	**DTS Band**
 Date: 6.JAN.2017 07:15:34	 Date: 6.JAN.2017 07:15:43

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.
For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For Straddle Channel, U-NII procedures and limits were applied for operations in the frequency band in accordance with FCC KDB 644545 D03.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r03.
Section F) Maximum power spectral density.

 # Method SA-2 #

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

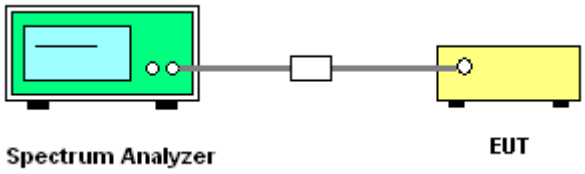
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

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

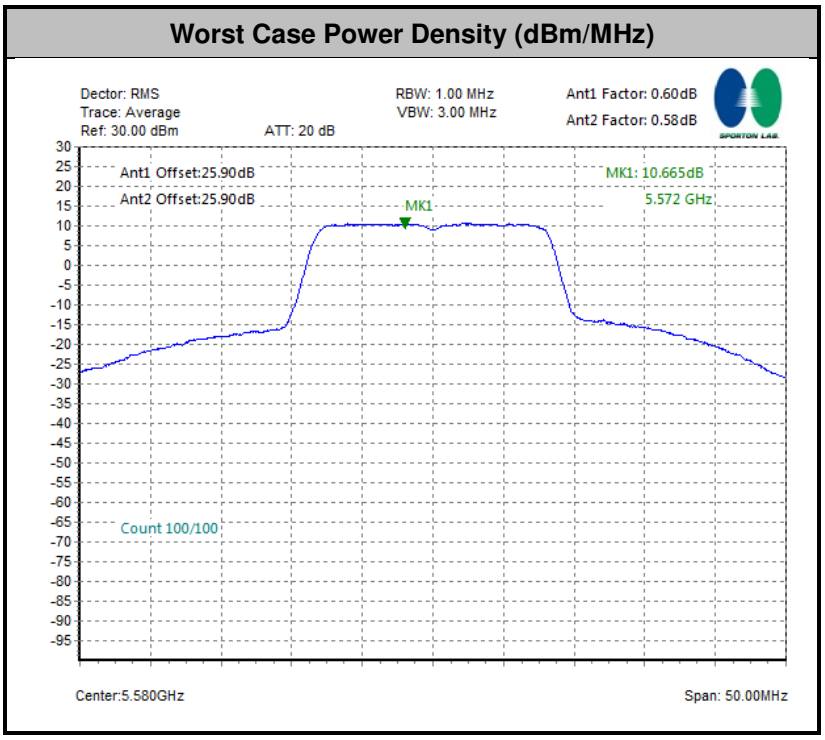
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

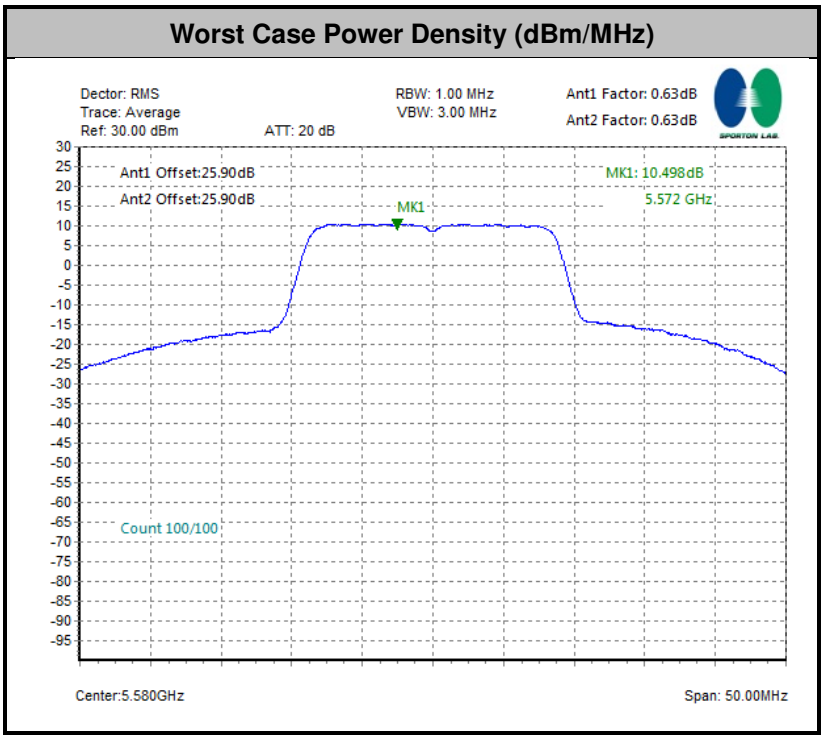
Please refer to Appendix A.

<CDD Modes>



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

<STBC Modes>



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
-17	78.3
- 27	68.3

(3) KDB789033 D02 01r03 G)2)c)

(i) Section 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and 2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz. However, an out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz dBm/MHz peak emission limit.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the alternative limit

3.4.2 Measuring Instruments

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

3.4.3 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 ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

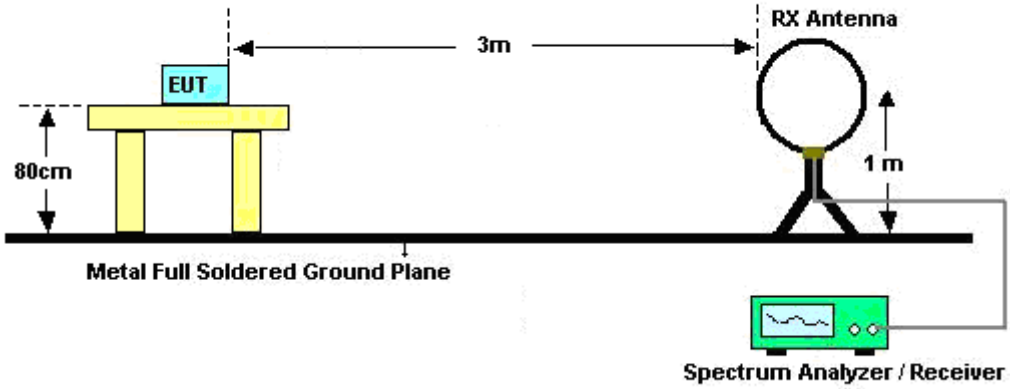
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

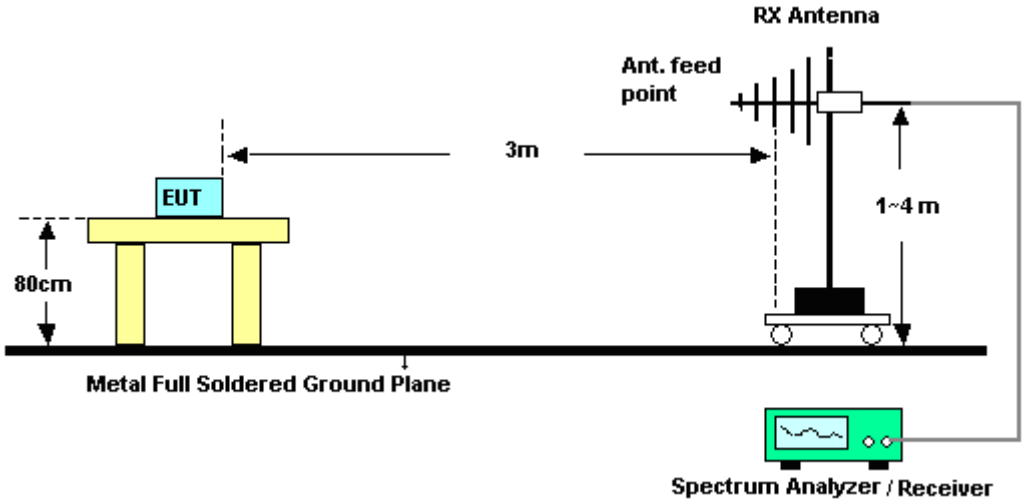
2. he EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

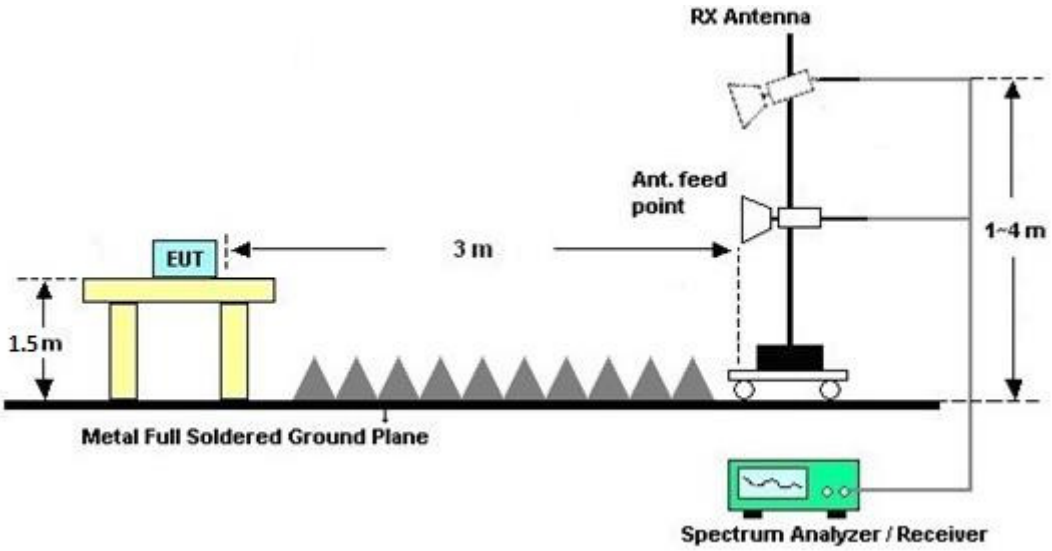
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

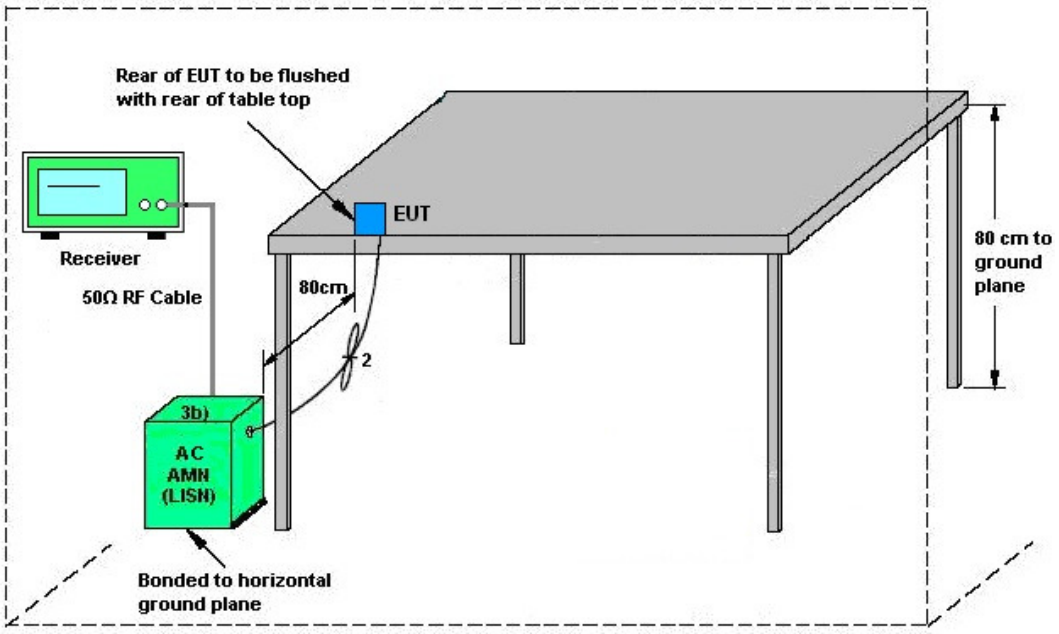
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

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

A. Information start: make EUT supply information to the access point.

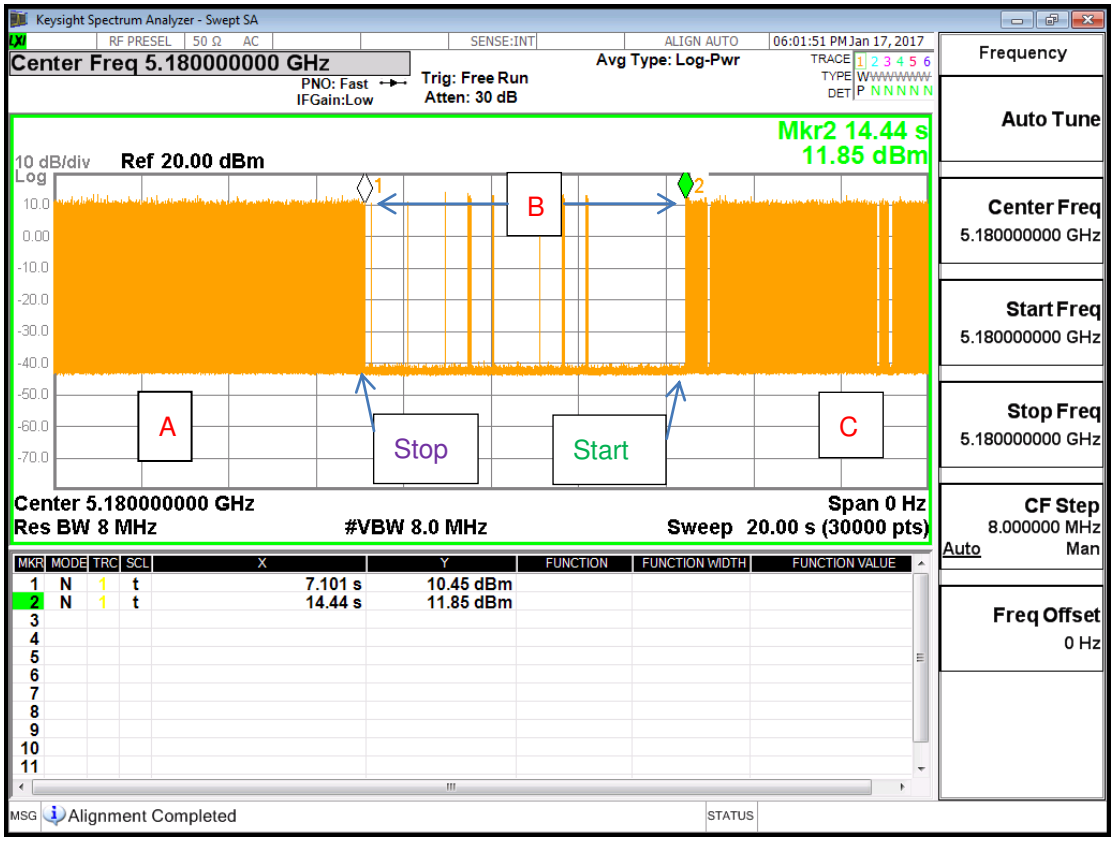
B. Information stop: stop supplying information to the access point.

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

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

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

5180MHz



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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.97	1.16	1.97	4.58	0.00	0.00
Band II	1.59	1.52	1.59	4.57	0.00	0.00
Band III	2.00	1.95	2.00	4.99	0.00	0.00

<STBC Modes>

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	1.97	1.16	1.97	1.97	0.00	0.00
Band II	1.59	1.52	1.59	1.59	0.00	0.00
Band III	2.00	1.95	2.00	2.00	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	0932001	300MHz~40GHz	Sep. 29, 2016	Dec. 30, 2016 ~ Mar. 08, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 29, 2016	Dec. 30, 2016 ~ Mar. 08, 2017	Sep. 28, 2017	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Jul. 17, 2016	Dec. 30, 2016 ~ Mar. 08, 2017	Jul. 16, 2017	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 01, 2016	Dec. 30, 2016 ~ Mar. 08, 2017	Aug. 31, 2017	Conducted (TH05-HY)
AC Power Source	AC POWER	AFC-500W	F104070011	50Hz~60Hz	Dec. 01, 2016	Dec. 30, 2016 ~ Mar. 08, 2017	Nov. 30, 2017	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 24, 2017	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2016	Jan. 24, 2017	Aug. 29, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 29, 2016	Jan. 24, 2017	Nov. 28, 2017	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 06, 2016	Jan. 24, 2017	Dec. 05, 2017	Conduction (CO05-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 31, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Mar. 30, 2017	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 21, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Dec. 20, 2017	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	40103&04	30MHz to 1GHz	Jan. 07, 2017	Feb. 14, 2017 ~ Feb. 21, 2017	Jan. 06, 2018	Radiation (03CH13-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY55420170	N/A	Mar. 10, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Mar. 09, 2017	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303B	TP157151	N/A	Mar. 04, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Mar. 03, 2017	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Jan. 09, 2017	Feb. 14, 2017 ~ Feb. 21, 2017	Jan. 08, 2018	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	N/A	Mar. 14, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Mar. 13, 2017	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Feb. 14, 2017 ~ Feb. 21, 2017	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Feb. 14, 2017 ~ Feb. 21, 2017	N/A	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 08, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Nov. 07, 2017	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800	2025787	1GHZ~18GHZ	Feb. 13, 2017	Feb. 14, 2017 ~ Feb. 21, 2017	Feb. 12, 2018	Radiation (03CH13-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Oct. 20, 2016	Feb. 14, 2017 ~ Feb. 21, 2017	Oct. 19, 2018	Radiation (03CH13-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.7**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.4**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.3**

Appendix A. Test Result of Conducted Test Items

<CDD>

Test Engineer:	Derek Hsu/Aking chang	Temperature:	21~25	°C
Test Date:	2016/12/30~2017/03/08	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	CDD	36	5180	18.00	17.95	22.89	22.70	-		22.54			
11a	6Mbps	CDD	44	5220	18.25	18.20	33.78	29.10	-		22.60			
11a	6Mbps	CDD	48	5240	18.20	18.00	39.06	35.04	-		22.55			
HT20	MCS0	CDD	36	5180	18.85	18.95	23.22	23.13	-		22.75			
HT20	MCS0	CDD	44	5220	19.45	19.35	41.42	44.81	-		22.87			
HT20	MCS0	CDD	48	5240	18.55	18.55	44.16	42.12	-		22.68			
HT40	MCS0	CDD	38	5190	36.60	36.80	41.19	40.92	-		23.01			
HT40	MCS0	CDD	46	5230	37.10	37.00	84.87	87.69	-		23.01			
VHT80	MCS0	CDD	42	5210	75.84	75.84	81.60	81.60	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	SISO	36	5180	0.57	0.57	17.04	17.01		24.00	24.00	1.97	1.16		Pass
11a	6Mbps	SISO	44	5220	0.57	0.57	19.35	19.12		24.00	24.00	1.97	1.16		Pass
11a	6Mbps	SISO	48	5240	0.57	0.57	19.67	19.76		24.00	24.00	1.97	1.16		Pass
HT20	MCS0	SISO	36	5180	0.63	0.64	17.08	16.90		24.00	24.00	1.97	1.16		Pass
HT20	MCS0	SISO	44	5220	0.63	0.64	18.95	18.94		24.00	24.00	1.97	1.16		Pass
HT20	MCS0	SISO	48	5240	0.63	0.64	19.12	19.00		24.00	24.00	1.97	1.16		Pass
HT40	MCS0	SISO	38	5190	1.20	1.20	13.90	13.63		24.00	24.00	1.97	1.16		Pass
HT40	MCS0	SISO	46	5230	1.20	1.20	18.98	18.91		24.00	24.00	1.97	1.16		Pass
VHT20	MCS0	SISO	36	5180	0.63	0.63	17.07	16.88		24.00	24.00	1.97	1.16		Pass
VHT20	MCS0	SISO	44	5220	0.63	0.63	18.53	18.91		24.00	24.00	1.97	1.16		Pass
VHT20	MCS0	SISO	48	5240	0.63	0.63	18.73	18.97		24.00	24.00	1.97	1.16		Pass
VHT40	MCS0	SISO	38	5190	1.13	1.16	13.84	13.62		24.00	24.00	1.97	1.16		Pass
VHT40	MCS0	SISO	46	5230	1.13	1.16	18.97	18.90		24.00	24.00	1.97	1.16		Pass
VHT80	MCS0	SISO	42	5210	2.05	2.05	11.90	11.85		24.00	24.00	1.97	1.16		Pass
11a	6Mbps	CDD	36	5180	0.60	0.58	17.05	17.06	20.06	24.00		1.97			Pass
11a	6Mbps	CDD	44	5220	0.60	0.58	19.41	19.28	22.35	24.00		1.97			Pass
11a	6Mbps	CDD	48	5240	0.60	0.58	19.84	19.66	22.76	24.00		1.97			Pass
HT20	MCS0	CDD	36	5180	0.63	0.64	17.08	17.10	20.10	24.00		1.97			Pass
HT20	MCS0	CDD	44	5220	0.63	0.64	19.07	18.80	21.95	24.00		1.97			Pass
HT20	MCS0	CDD	48	5240	0.63	0.64	19.24	18.97	22.12	24.00		1.97			Pass
HT40	MCS0	CDD	38	5190	1.13	1.13	13.97	14.13	17.07	24.00		1.97			Pass
HT40	MCS0	CDD	46	5230	1.13	1.13	19.09	18.83	21.98	24.00		1.97			Pass
VHT20	MCS0	CDD	36	5180	0.63	0.63	17.14	17.01	20.09	24.00		1.97			Pass
VHT20	MCS0	CDD	44	5220	0.63	0.63	19.01	18.85	21.94	24.00		1.97			Pass
VHT20	MCS0	CDD	48	5240	0.63	0.63	19.18	18.93	22.07	24.00		1.97			Pass
VHT40	MCS0	CDD	38	5190	1.18	1.18	13.98	14.12	17.06	24.00		1.97			Pass
VHT40	MCS0	CDD	46	5230	1.18	1.18	19.00	18.91	21.97	24.00		1.97			Pass
VHT80	MCS0	CDD	42	5210	2.05	2.05	12.25	11.77	15.02	24.00		1.97			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	CDD	36	5180	0.60	0.58			8.88	11.00		4.58			Pass
11a	6Mbps	CDD	44	5220	0.60	0.58			10.22	11.00		4.58			Pass
11a	6Mbps	CDD	48	5240	0.60	0.58			10.36	11.00		4.58			Pass
HT20	MCS0	CDD	36	5180	0.63	0.64			8.46	11.00		4.58			Pass
HT20	MCS0	CDD	44	5220	0.63	0.64			10.11	11.00		4.58			Pass
HT20	MCS0	CDD	48	5240	0.63	0.64			10.28	11.00		4.58			Pass
HT40	MCS0	CDD	38	5190	1.13	1.13			2.34	11.00		4.58			Pass
HT40	MCS0	CDD	46	5230	1.13	1.13			7.11	11.00		4.58			Pass
VHT80	MCS0	CDD	42	5210	2.05	2.05			-2.34	11.00		4.58			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	CDD	52	5260	17.95	18.20	38.59	37.62	23.54		29.54		23.98		
11a	6Mbps	CDD	60	5300	19.00	18.60	35.64	35.40	23.70		29.70		23.98		
11a	6Mbps	CDD	64	5320	17.95	17.70	22.80	22.44	23.48		29.48		23.98		
HT20	MCS0	CDD	52	5260	18.90	19.10	42.45	45.50	23.76		29.76		23.98		
HT20	MCS0	CDD	60	5300	19.45	19.25	41.38	33.46	23.84		29.84		23.98		
HT20	MCS0	CDD	64	5320	18.95	19.05	23.56	22.99	23.78		29.78		23.98		
HT40	MCS0	CDD	54	5270	36.90	36.70	57.36	57.00	23.98		30.00		23.98		
HT40	MCS0	CDD	62	5310	36.70	36.60	41.40	40.83	23.98		30.00		23.98		
VHT80	MCS0	CDD	58	5290	75.72	75.84	81.76	81.60	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	SISO	52	5260	0.57	0.57	19.57	19.73		23.98	23.98	1.59	1.52	30	Pass
11a	6Mbps	SISO	60	5300	0.57	0.57	19.43	19.02		23.98	23.98	1.59	1.52	30	Pass
11a	6Mbps	SISO	64	5320	0.57	0.57	16.91	16.57		23.98	23.98	1.59	1.52	30	Pass
HT20	MCS0	SISO	52	5260	0.63	0.64	19.59	19.63		23.98	23.98	1.59	1.52	30	Pass
HT20	MCS0	SISO	60	5300	0.63	0.64	18.88	18.75		23.98	23.98	1.59	1.52	30	Pass
HT20	MCS0	SISO	64	5320	0.63	0.64	16.83	16.54		23.98	23.98	1.59	1.52	30	Pass
HT40	MCS0	SISO	54	5270	1.20	1.20	17.90	17.64		23.98	23.98	1.59	1.52	30	Pass
HT40	MCS0	SISO	62	5310	1.20	1.20	12.61	12.20		23.98	23.98	1.59	1.52	30	Pass
VHT20	MCS0	SISO	52	5260	0.63	0.63	19.58	19.62		23.98	23.98	1.59	1.52	30	Pass
VHT20	MCS0	SISO	60	5300	0.63	0.63	18.47	18.74		23.98	23.98	1.59	1.52	30	Pass
VHT20	MCS0	SISO	64	5320	0.63	0.63	16.80	16.53		23.98	23.98	1.59	1.52	30	Pass
VHT40	MCS0	SISO	54	5270	1.13	1.16	17.88	17.56		23.98	23.98	1.59	1.52	30	Pass
VHT40	MCS0	SISO	62	5310	1.13	1.16	12.59	12.16		23.98	23.98	1.59	1.52	30	Pass
VHT80	MCS0	SISO	58	5290	2.05	2.05	12.25	12.25		23.98	23.98	1.59	1.52	30	Pass
11a	6Mbps	CDD	52	5260	0.60	0.58	19.80	19.65	22.73	23.98		1.59		30	Pass
11a	6Mbps	CDD	60	5300	0.60	0.58	19.58	19.36	22.48	23.98		1.59		30	Pass
11a	6Mbps	CDD	64	5320	0.60	0.58	17.16	16.64	19.92	23.98		1.59		30	Pass
HT20	MCS0	CDD	52	5260	0.63	0.64	19.89	19.57	22.74	23.98		1.59		30	Pass
HT20	MCS0	CDD	60	5300	0.63	0.64	19.08	18.64	21.88	23.98		1.59		30	Pass
HT20	MCS0	CDD	64	5320	0.63	0.64	17.11	16.54	19.84	23.98		1.59		30	Pass
HT40	MCS0	CDD	54	5270	1.13	1.13	17.98	17.78	20.90	23.98		1.59		30	Pass
HT40	MCS0	CDD	62	5310	1.13	1.13	12.83	12.43	15.65	23.98		1.59		30	Pass
VHT20	MCS0	CDD	52	5260	0.63	0.63	19.85	19.64	22.76	23.98		1.59		30	Pass
VHT20	MCS0	CDD	60	5300	0.63	0.63	19.03	18.69	21.87	23.98		1.59		30	Pass
VHT20	MCS0	CDD	64	5320	0.63	0.63	17.03	16.58	19.82	23.98		1.59		30	Pass
VHT40	MCS0	CDD	54	5270	1.18	1.18	18.02	17.71	20.88	23.98		1.59		30	Pass
VHT40	MCS0	CDD	62	5310	1.18	1.18	12.79	12.45	15.64	23.98		1.59		30	Pass
VHT80	MCS0	CDD	58	5290	2.05	2.05	12.50	12.01	15.27	23.98		1.59		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	CDD	52	5260	0.60	0.58			10.25	11.00		4.57			Pass
11a	6Mbps	CDD	60	5300	0.60	0.58			9.89	11.00		4.57			Pass
11a	6Mbps	CDD	64	5320	0.60	0.58			7.83	11.00		4.57			Pass
HT20	MCS0	CDD	52	5260	0.63	0.64			10.16	11.00		4.57			Pass
HT20	MCS0	CDD	60	5300	0.63	0.64			9.61	11.00		4.57			Pass
HT20	MCS0	CDD	64	5320	0.63	0.64			7.34	11.00		4.57			Pass
HT40	MCS0	CDD	54	5270	1.13	1.13			5.47	11.00		4.57			Pass
HT40	MCS0	CDD	62	5310	1.13	1.13			0.44	11.00		4.57			Pass
VHT80	MCS0	CDD	58	5290	2.05	2.05			-3.06	11.00		4.57			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	CDD	100	5500	18.15	17.85	23.04	22.70	23.52		29.52		23.98		
11a	6Mbps	CDD	116	5580	17.65	17.50	36.07	31.89	23.43		29.43		23.98		
11a	6Mbps	CDD	140	5700	18.30	17.90	22.92	22.68	23.53		29.53		23.98		
HT20	MCS0	CDD	100	5500	19.05	18.90	23.25	22.98	23.76		29.76		23.98		
HT20	MCS0	CDD	116	5580	18.40	18.25	40.74	34.22	23.61		29.61		23.98		
HT20	MCS0	CDD	140	5700	19.20	18.90	23.28	22.92	23.76		29.76		23.98		
HT40	MCS0	CDD	102	5510	36.80	36.60	41.16	40.80	23.98		30.00		23.98		
HT40	MCS0	CDD	110	5550	37.50	36.90	73.20	57.48	23.98		30.00		23.98		
HT40	MCS0	CDD	134	5670	36.90	36.80	41.20	40.80	23.98		30.00		23.98		
VHT80	MCS0	CDD	106	5530	75.96	75.96	81.60	80.64	23.98		30.00		23.98		
VHT80	MCS0	CDD	122	5610	76.00	75.84	82.24	81.28	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	SISO	100	5500	0.57	0.57	16.90	16.77		23.98	23.98	2.00	1.95	30	Pass
11a	6Mbps	SISO	116	5580	0.57	0.57	19.10	18.85		23.98	23.98	2.00	1.95	30	Pass
11a	6Mbps	SISO	140	5700	0.57	0.57	16.78	16.65		23.98	23.98	2.00	1.95	30	Pass
HT20	MCS0	SISO	100	5500	0.63	0.64	16.87	16.53		23.98	23.98	2.00	1.95	30	Pass
HT20	MCS0	SISO	116	5580	0.63	0.64	19.03	18.70		23.98	23.98	2.00	1.95	30	Pass
HT20	MCS0	SISO	140	5700	0.63	0.64	17.30	17.08		23.98	23.98	2.00	1.95	30	Pass
HT40	MCS0	SISO	102	5510	1.20	1.20	14.67	14.21		23.98	23.98	2.00	1.95	30	Pass
HT40	MCS0	SISO	110	5550	1.20	1.20	18.43	18.69		23.98	23.98	2.00	1.95	30	Pass
HT40	MCS0	SISO	134	5670	1.20	1.20	17.48	17.19		23.98	23.98	2.00	1.95	30	Pass
VHT20	MCS0	SISO	100	5500	0.63	0.63	16.83	16.43		23.98	23.98	2.00	1.95	30	Pass
VHT20	MCS0	SISO	116	5580	0.63	0.63	18.95	18.61		23.98	23.98	2.00	1.95	30	Pass
VHT20	MCS0	SISO	140	5700	0.63	0.63	17.28	17.03		23.98	23.98	2.00	1.95	30	Pass
VHT40	MCS0	SISO	102	5510	1.13	1.16	14.61	14.20		23.98	23.98	2.00	1.95	30	Pass
VHT40	MCS0	SISO	110	5550	1.13	1.16	18.41	18.61		23.98	23.98	2.00	1.95	30	Pass
VHT40	MCS0	SISO	134	5670	1.13	1.16	17.33	17.11		23.98	23.98	2.00	1.95	30	Pass
VHT80	MCS0	SISO	106	5530	2.05	2.05	12.15	12.15		23.98	23.98	2.00	1.95	30	Pass
VHT80	MCS0	SISO	122	5610	2.05	2.05	17.20	17.20		23.98	23.98	2.00	1.95	30	Pass
11a	6Mbps	CDD	100	5500	0.60	0.58	17.15	16.64	19.91	23.98		2.00		30	Pass
11a	6Mbps	CDD	116	5580	0.60	0.58	19.41	18.76	22.10	23.98		2.00		30	Pass
11a	6Mbps	CDD	140	5700	0.60	0.58	16.90	16.83	19.87	23.98		2.00		30	Pass
HT20	MCS0	CDD	100	5500	0.63	0.64	17.24	16.47	19.88	23.98		2.00		30	Pass
HT20	MCS0	CDD	116	5580	0.63	0.64	19.34	18.68	22.03	23.98		2.00		30	Pass
HT20	MCS0	CDD	140	5700	0.63	0.64	17.48	17.14	20.32	23.98		2.00		30	Pass
HT40	MCS0	CDD	102	5510	1.13	1.13	14.93	14.40	17.69	23.98		2.00		30	Pass
HT40	MCS0	CDD	110	5550	1.13	1.13	19.17	18.53	21.88	23.98		2.00		30	Pass
HT40	MCS0	CDD	134	5670	1.13	1.13	17.73	17.30	20.54	23.98		2.00		30	Pass
VHT20	MCS0	CDD	100	5500	0.63	0.63	17.18	16.50	19.86	23.98		2.00		30	Pass
VHT20	MCS0	CDD	116	5580	0.63	0.63	19.21	18.68	21.96	23.98		2.00		30	Pass
VHT20	MCS0	CDD	140	5700	0.63	0.63	17.44	17.08	20.27	23.98		2.00		30	Pass
VHT40	MCS0	CDD	102	5510	1.18	1.18	14.89	14.28	17.61	23.98		2.00		30	Pass
VHT40	MCS0	CDD	110	5550	1.18	1.18	19.08	18.62	21.87	23.98		2.00		30	Pass
VHT40	MCS0	CDD	134	5670	1.18	1.18	17.59	17.23	20.43	23.98		2.00		30	Pass
VHT80	MCS0	CDD	106	5530	2.05	2.05	13.05	11.96	15.55	23.98		2.00		30	Pass
VHT80	MCS0	CDD	122	5610	2.05	2.05	17.43	16.95	20.20	23.98		2.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	CDD	100	5500	0.60	0.58			8.22	11.00		4.99			Pass
11a	6Mbps	CDD	116	5580	0.60	0.58			10.67	11.00		4.99			Pass
11a	6Mbps	CDD	140	5700	0.60	0.58			7.28	11.00		4.99			Pass
HT20	MCS0	CDD	100	5500	0.63	0.64			7.86	11.00		4.99			Pass
HT20	MCS0	CDD	116	5580	0.63	0.64			10.20	11.00		4.99			Pass
HT20	MCS0	CDD	140	5700	0.63	0.64			7.37	11.00		4.99			Pass
HT40	MCS0	CDD	102	5510	1.13	1.13			2.82	11.00		4.99			Pass
HT40	MCS0	CDD	110	5550	1.13	1.13			7.36	11.00		4.99			Pass
HT40	MCS0	CDD	134	5670	1.13	1.13			4.95	11.00		4.99			Pass
VHT80	MCS0	CDD	106	5530	2.05	2.05			-1.89	11.00		4.99			Pass
VHT80	MCS0	CDD	122	5610	2.05	2.05			2.64	11.00		4.99			Pass

TEST RESULTS DATA
26dB and 99% OBW

Straddle Channel																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Emission Bandwidth (MHz)		6 dB Emission Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	CDD	144	5720	24.10	18.70	45.24	39.00	16.30	16.34	-		-		-	
				NII-2C	16.35	14.35	26.96	23.6	13.18	13.18	22.57		28.57		23.98	
				NII-3	7.75	4.35	18.28	15.4	3.12	3.16	30.00		-		-	
HT20	MCS0	CDD	144	5720	26.80	19.65	49.81	17.54	17.18	48.12	-		-		-	
				NII-2C	17.7	14.9	29.78	13.82	13.78	28.88	22.73		28.73		22.41	
				NII-3	9.1	4.75	20.03	3.72	3.4	19.24	30.00		-		-	
HT40	MCS0	CDD	142	5710	54.60	38.90	103.56	94.83	36.24	36.04	-		-		-	
				NII-2C	41.1	34.3	66.48	62.22	33.16	33.12	23.98		30.00		23.98	
				NII-3	13.5	4.6	37.08	32.61	3.08	2.92	30.00		-		-	
VHT80	MCS0	CDD	138	5690	77.04	76.20	182.78	156.06	75.12	75.12	-		-		-	
				NII-2C	73.52	73.16	123.38	114.74	72.52	72.52	23.98		30.00		23.98	
				NII-3	3.52	3.04	59.4	41.32	2.6	2.6	30.00		-		-	

TEST RESULTS DATA
Average Power Table

FCC Straddle Channel															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	SISO	144	5720	0.57	0.57	20.12	18.99		-	-	2.00	1.95		-
				NII-2C	0.57	0.57	19.18	18.04		23.98	23.98	2.00	1.95		Pass
				NII-3	0.57	0.57	13.03	11.92		30.00	30.00	2.00	1.95		Pass
HT20	MCS0	SISO	144	5720	0.63	0.64	20.26	19.32		-	-	2.00	1.95		-
				NII-2C	0.63	0.64	19.23	18.31		23.98	22.41	2.00	1.95		Pass
				NII-3	0.63	0.64	13.51	12.51		30.00	30.00	2.00	1.95		Pass
HT40	MCS0	SISO	142	5710	1.20	1.20	20.12	18.98		-	-	2.00	1.95		-
				NII-2C	1.20	1.20	19.71	18.59		23.98	23.98	2.00	1.95		Pass
				NII-3	1.20	1.20	9.69	8.32		30.00	30.00	2.00	1.95		Pass
VHT20	MCS0	SISO	144	5720	0.63	0.63	19.20	19.29		-	-	2.00	1.95		-
				NII-2C	0.63	0.63	18.18	18.30		23.98	22.41	2.00	1.95		Pass
				NII-3	0.63	0.63	12.39	12.37		30.00	30.00	2.00	1.95		Pass
VHT40	MCS0	SISO	142	5710	1.13	1.16	19.97	18.90		-	-	2.00	1.95		-
				NII-2C	1.13	1.16	19.54	18.50		23.98	23.98	2.00	1.95		Pass
				NII-3	1.13	1.16	9.71	8.32		30.00	30.00	2.00	1.95		Pass
VHT80	MCS0	SISO	138	5690	2.05	2.05	19.50	18.90		-	-	2.00	1.95		-
				NII-2C	2.05	2.05	19.34	18.75		23.98	23.98	2.00	1.95		Pass
				NII-3	2.05	2.05	5.12	4.07		30.00	30.00	2.00	1.95		Pass
11a	6Mbps	CDD	144	5720	0.60	0.58	20.66	19.51	23.13	-		2.00			-
				NII-2C	0.60	0.58	19.65	18.57	22.15	23.98		2.00			Pass
				NII-3	0.60	0.58	13.82	12.40	16.18	30.00		2.00			Pass
HT20	MCS0	CDD	144	5720	0.63	0.64	20.90	19.51	23.27	-		2.00			-
				NII-2C	0.63	0.64	19.88	18.48	22.25	22.41		2.00			Pass
				NII-3	0.63	0.64	14.11	12.77	16.50	30.00		2.00			Pass
HT40	MCS0	CDD	142	5710	1.13	1.13	20.57	19.66	23.15	-		2.00			-
				NII-2C	1.13	1.13	20.16	19.28	22.75	23.98		2.00			Pass
				NII-3	1.13	1.13	10.16	8.95	12.61	30.00		2.00			Pass
VHT20	MCS0	CDD	144	5720	0.63	0.63	20.18	19.42	22.83	-		2.00			-
				NII-2C	0.63	0.63	19.81	18.38	22.16	22.41		2.00			Pass
				NII-3	0.63	0.63	9.25	12.71	14.33	30.00		2.00			Pass
VHT40	MCS0	CDD	142	5710	1.18	1.18	20.49	19.53	23.04	-		2.00			-
				NII-2C	1.18	1.18	20.07	19.14	22.64	23.98		2.00			Pass
				NII-3	1.18	1.18	10.09	8.82	12.51	30.00		2.00			Pass
VHT80	MCS0	CDD	138	5690	2.05	2.05	20.13	18.90	22.57	-		2.00			-
				NII-2C	2.05	2.05	19.96	18.75	22.41	23.98		2.00			Pass
				NII-3	2.05	2.05	5.85	4.27	8.14	30.00		2.00			Pass

TEST RESULTS DATA
Power Spectral Density

Straddle Channel															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	CDD	144	NII-2C	0.60	0.58			10.54	11.00		4.99			Pass
				NII-3	0.60	0.58			10.54	30.00		4.99			Pass
HT20	MCS0	CDD	144	NII-2C	0.63	0.64			10.50	11.00		4.99			Pass
				NII-3	0.63	0.64			10.50	30.00		4.99			Pass
HT40	MCS0	CDD	142	NII-2C	1.13	1.13			7.70	11.00		4.99			Pass
				NII-3	1.13	1.13			7.70	30.00		4.99			Pass
VHT80	MCS0	CDD	138	NII-2C	2.05	2.05			4.28	11.00		4.99			Pass
				NII-3	2.05	2.05			4.28	30.00		4.99			Pass

<STBC>

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2016/12/30~2017/03/08	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	36	5180	18.75	18.80	23.28	23.16	-		22.73			
HT20	MCS0	STBC	44	5220	19.25	18.95	44.04	34.48	-		22.78			
HT20	MCS0	STBC	48	5240	18.50	18.55	43.89	39.99	-		22.67			
HT40	MCS0	STBC	38	5190	36.60	36.70	41.07	40.68	-		23.01			
HT40	MCS0	STBC	46	5230	37.30	37.20	87.57	84.60	-		23.01			
VHT80	MCS0	STBC	42	5210	75.72	75.84	81.84	81.28	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	36	5180	0.63	0.63	17.14	17.06	20.11	24.00		1.97			Pass
HT20	MCS0	STBC	44	5220	0.63	0.63	19.13	18.81	21.98	24.00		1.97			Pass
HT20	MCS0	STBC	48	5240	0.63	0.63	19.26	19.18	22.23	24.00		1.97			Pass
HT40	MCS0	STBC	38	5190	1.13	1.12	14.14	14.08	17.12	24.00		1.97			Pass
HT40	MCS0	STBC	46	5230	1.13	1.12	19.19	18.71	21.97	24.00		1.97			Pass
VHT20	MCS0	STBC	36	5180	0.63	0.63	17.13	17.03	20.09	24.00		1.97			Pass
VHT20	MCS0	STBC	44	5220	0.63	0.63	19.08	18.78	21.94	24.00		1.97			Pass
VHT20	MCS0	STBC	48	5240	0.63	0.63	19.33	19.10	22.22	24.00		1.97			Pass
VHT40	MCS0	STBC	38	5190	1.18	1.18	14.13	14.06	17.11	24.00		1.97			Pass
VHT40	MCS0	STBC	46	5230	1.18	1.18	19.08	18.78	21.95	24.00		1.97			Pass
VHT80	MCS0	STBC	42	5210	2.06	2.06	12.32	11.91	15.13	24.00		1.97			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	36	5180	0.63	0.63			7.50	11.00		1.97			Pass
HT20	MCS0	STBC	44	5220	0.63	0.63			9.62	11.00		1.97			Pass
HT20	MCS0	STBC	48	5240	0.63	0.63			10.02	11.00		1.97			Pass
HT40	MCS0	STBC	38	5190	1.13	1.12			1.38	11.00		1.97			Pass
HT40	MCS0	STBC	46	5230	1.13	1.12			6.92	11.00		1.97			Pass
VHT80	MCS0	STBC	42	5210	2.06	2.06			-0.73	11.00		1.97			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	STBC	52	5260	18.65	18.80	43.02	42.12	23.71		29.71		23.98		
HT20	MCS0	STBC	60	5300	19.30	19.25	41.13	41.88	23.84		29.84		23.98		
HT20	MCS0	STBC	64	5320	18.80	18.80	23.16	23.10	23.74		29.74		23.98		
HT40	MCS0	STBC	54	5270	37.60	37.00	86.46	70.32	23.98		30.00		23.98		
HT40	MCS0	STBC	62	5310	36.70	36.70	40.92	41.28	23.98		30.00		23.98		
VHT80	MCS0	STBC	58	5290	75.72	76.08	81.84	81.60	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	52	5260	0.63	0.63	19.94	19.61	22.79	23.98		1.59		30	Pass
HT20	MCS0	STBC	60	5300	0.63	0.63	19.92	19.71	22.82	23.98		1.59		30	Pass
HT20	MCS0	STBC	64	5320	0.63	0.63	17.27	16.58	19.95	23.98		1.59		30	Pass
HT40	MCS0	STBC	54	5270	1.13	1.12	19.11	18.81	21.98	23.98		1.59		30	Pass
HT40	MCS0	STBC	62	5310	1.13	1.12	14.13	13.59	16.88	23.98		1.59		30	Pass
VHT20	MCS0	STBC	52	5260	0.63	0.63	19.71	19.63	22.68	23.98		1.59		30	Pass
VHT20	MCS0	STBC	60	5300	0.63	0.63	19.73	19.49	22.62	23.98		1.59		30	Pass
VHT20	MCS0	STBC	64	5320	0.63	0.63	17.24	16.61	19.94	23.98		1.59		30	Pass
VHT40	MCS0	STBC	54	5270	1.18	1.18	19.12	18.78	21.97	23.98		1.59		30	Pass
VHT40	MCS0	STBC	62	5310	1.18	1.18	14.13	13.55	16.86	23.98		1.59		30	Pass
VHT80	MCS0	STBC	58	5290	2.06	2.06	14.01	13.22	16.64	23.98		1.59		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	52	5260	0.63	0.63			10.50	11.00		1.59			Pass
HT20	MCS0	STBC	60	5300	0.63	0.63			10.06	11.00		1.59			Pass
HT20	MCS0	STBC	64	5320	0.63	0.63			7.47	11.00		1.59			Pass
HT40	MCS0	STBC	54	5270	1.13	1.12			6.90	11.00		1.59			Pass
HT40	MCS0	STBC	62	5310	1.13	1.12			1.43	11.00		1.59			Pass
VHT80	MCS0	STBC	58	5290	2.06	2.06			-1.87	11.00		1.59			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HT20	MCS0	STBC	100	5500	18.70	18.60	23.07	23.04	23.70		29.70		23.98		
HT20	MCS0	STBC	116	5580	18.40	18.35	39.55	33.63	23.64		29.64		23.98		
HT20	MCS0	STBC	140	5700	18.95	18.95	23.56	22.68	23.78		29.78		23.98		
HT40	MCS0	STBC	102	5510	36.60	36.70	41.40	41.04	23.98		30.00		23.98		
HT40	MCS0	STBC	110	5550	37.10	37.10	84.24	48.00	23.98		30.00		23.98		
HT40	MCS0	STBC	134	5670	36.90	36.90	42.80	41.04	23.98		30.00		23.98		
VHT80	MCS0	STBC	106	5530	75.96	75.72	81.84	81.84	23.98		30.00		23.98		
VHT80	MCS0	STBC	122	5610	76.08	75.96	126.96	81.04	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	100	5500	0.63	0.63	17.20	16.56	19.90	23.98		2.00		30	Pass
HT20	MCS0	STBC	116	5580	0.63	0.63	19.02	18.48	21.77	23.98		2.00		30	Pass
HT20	MCS0	STBC	140	5700	0.63	0.63	17.52	17.06	20.30	23.98		2.00		30	Pass
HT40	MCS0	STBC	102	5510	1.13	1.12	13.98	13.54	16.78	23.98		2.00		30	Pass
HT40	MCS0	STBC	110	5550	1.13	1.12	19.21	18.62	21.94	23.98		2.00		30	Pass
HT40	MCS0	STBC	134	5670	1.13	1.12	17.95	17.34	20.67	23.98		2.00		30	Pass
VHT20	MCS0	STBC	100	5500	0.63	0.63	17.20	16.54	19.89	23.98		2.00		30	Pass
VHT20	MCS0	STBC	116	5580	0.63	0.63	18.94	18.47	21.72	23.98		2.00		30	Pass
VHT20	MCS0	STBC	140	5700	0.63	0.63	17.52	17.03	20.29	23.98		2.00		30	Pass
VHT40	MCS0	STBC	102	5510	1.18	1.18	14.01	13.48	16.77	23.98		2.00		30	Pass
VHT40	MCS0	STBC	110	5550	1.18	1.18	19.26	18.46	21.89	23.98		2.00		30	Pass
VHT40	MCS0	STBC	134	5670	1.18	1.18	18.02	17.23	20.66	23.98		2.00		30	Pass
VHT80	MCS0	STBC	106	5530	2.06	2.06	13.08	12.39	15.76	23.98		2.00		30	Pass
VHT80	MCS0	STBC	122	5610	2.06	2.06	18.53	17.87	21.22	23.98		2.00		30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	100	5500	0.63	0.63			8.25	11.00		2.00			Pass
HT20	MCS0	STBC	116	5580	0.63	0.63			10.50	11.00		2.00			Pass
HT20	MCS0	STBC	140	5700	0.63	0.63			7.24	11.00		2.00			Pass
HT40	MCS0	STBC	102	5510	1.13	1.12			2.25	11.00		2.00			Pass
HT40	MCS0	STBC	110	5550	1.13	1.12			7.33	11.00		2.00			Pass
HT40	MCS0	STBC	134	5670	1.13	1.12			4.93	11.00		2.00			Pass
VHT80	MCS0	STBC	106	5530	2.06	2.06			-0.17	11.00		2.00			Pass
VHT80	MCS0	STBC	122	5610	2.06	2.06			3.50	11.00		2.00			Pass

TEST RESULTS DATA
26dB and 99% OBW

Straddle Channel																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Emission Bandwidth (MHz)		6 dB Emission Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20	MCS0	STBC	144	5720	26.15	19.95	49.69	46.20	17.54	17.56	-		-		-	
				NII-2C	17.25	14.85	29.84	28.34	13.82	13.8	22.72		28.72		23.98	
				NII-3	8.9	5.1	19.85	17.86	3.72	3.76	30.00		-		-	
HT40	MCS0	STBC	142	5710	56.10	38.20	100.80	95.88	36.32	36.32	-		-		-	
				NII-2C	41.8	34.1	65.64	63.84	33.16	33.24	23.98		30.00		23.98	
				NII-3	14.3	4.1	35.16	32.04	3.16	3.08	30.00		-		-	
VHT80	MCS0	STBC	138	5690	76.92	76.08	190.96	164.16	74.96	75.60	-		-		-	
				NII-2C	73.52	73.16	125.96	118.52	72.52	73.16	23.98		30.00		23.98	
				NII-3	3.4	2.92	65	45.64	2.44	2.44	30.00		-		-	

TEST RESULTS DATA
Average Power Table

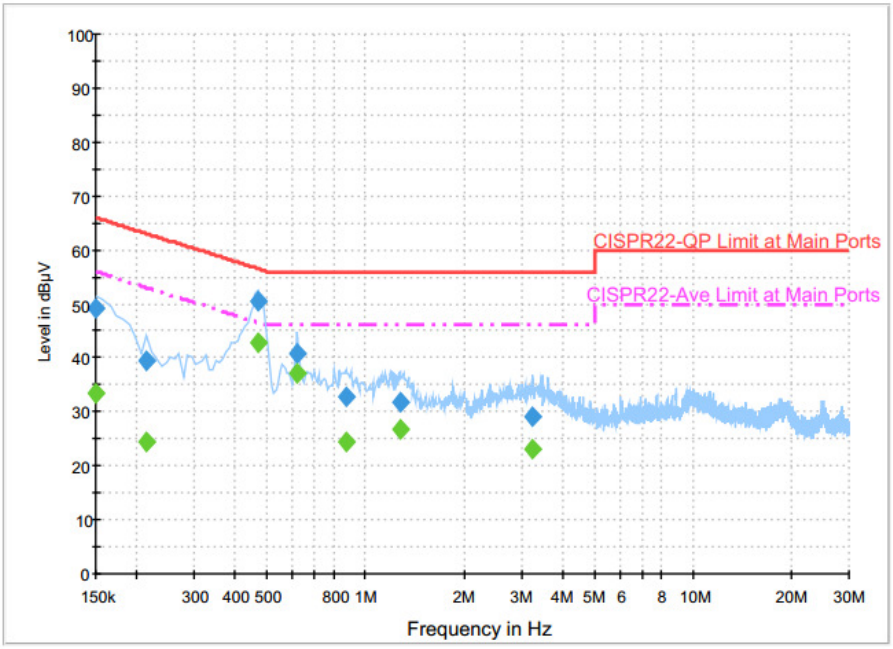
FCC Straddle Channel															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	144	5720	0.63	0.63	21.01	19.54	23.35	-		2.00			-
				NII-2C	0.63	0.63	20.01	18.50	22.33	23.98		2.00			Pass
				NII-3	0.63	0.63	14.16	12.81	16.55	30.00		2.00			Pass
HT40	MCS0	STBC	142	5710	1.13	1.12	20.76	19.74	23.29	-		2.00			-
				NII-2C	1.13	1.12	20.37	19.39	22.92	23.98		2.00			Pass
				NII-3	1.13	1.12	10.05	8.62	12.40	30.00		2.00			Pass
VHT20	MCS0	STBC	144	5720	0.63	0.63	20.89	19.35	23.19	-		2.00			-
				NII-2C	0.63	0.63	19.86	18.28	22.15	23.98		2.00			Pass
				NII-3	0.63	0.63	14.12	12.72	16.49	30.00		2.00			Pass
VHT40	MCS0	STBC	142	5710	1.18	1.18	20.52	19.30	22.96	-		2.00			-
				NII-2C	1.18	1.18	20.11	18.91	22.56	23.98		2.00			Pass
				NII-3	1.18	1.18	10.03	8.69	12.42	30.00		2.00			Pass
VHT80	MCS0	STBC	138	5690	2.06	2.06	19.98	19.28	22.65	-		2.00			-
				NII-2C	2.06	2.06	19.82	19.14	22.50	23.98		2.00			Pass
				NII-3	2.06	2.06	5.48	4.19	7.89	30.00		2.00			Pass

TEST RESULTS DATA
Power Spectral Density

Straddle Channel														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HT20	MCS0	STBC	144	NII-2C	0.63	0.63			10.34	11.00		2.00			Pass
				NII-3	0.63	0.63			10.34	30.00		2.00			Pass
HT40	MCS0	STBC	142	NII-2C	1.13	1.12			7.23	11.00		2.00			Pass
				NII-3	1.13	1.12			7.23	30.00		2.00			Pass
VHT80	MCS0	STBC	138	NII-2C	2.06	2.06			4.06	11.00		2.00			Pass
				NII-3	2.06	2.06			4.06	30.00		2.00			Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Kai-Chun Chu	Temperature :	21~22℃
		Relative Humidity :	48~49%
Test Voltage :	120Vac / 60Hz	Phase :	Line



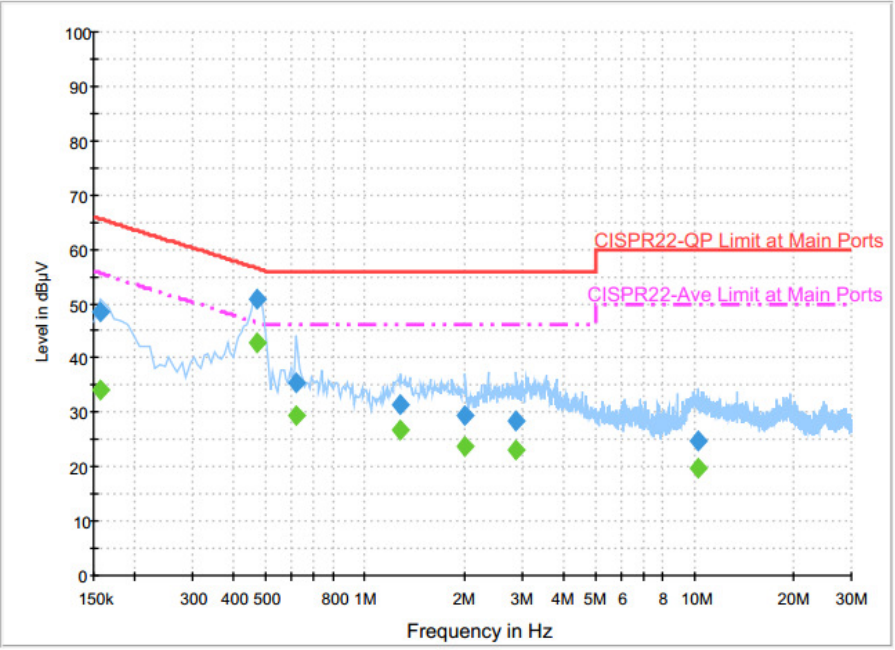
Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	49.2	Off	L1	19.6	16.8	66.0
0.214000	39.3	Off	L1	19.6	23.7	63.0
0.470000	50.6	Off	L1	19.6	5.9	56.5
0.622000	40.9	Off	L1	19.6	15.1	56.0
0.870000	32.6	Off	L1	19.6	23.4	56.0
1.278000	31.7	Off	L1	19.6	24.3	56.0
3.246000	29.1	Off	L1	19.6	26.9	56.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	33.3	Off	L1	19.6	22.7	56.0
0.214000	24.6	Off	L1	19.6	28.4	53.0
0.470000	42.7	Off	L1	19.6	3.8	46.5
0.622000	37.2	Off	L1	19.6	8.8	46.0
0.870000	24.5	Off	L1	19.6	21.5	46.0
1.278000	26.8	Off	L1	19.6	19.2	46.0
3.246000	23.2	Off	L1	19.6	22.8	46.0

Test Engineer :	Kai-Chun Chu	Temperature :	21~22℃
		Relative Humidity :	48~49%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	48.5	Off	N	19.6	17.1	65.6
0.470000	50.8	Off	N	19.6	5.7	56.5
0.622000	35.5	Off	N	19.6	20.5	56.0
1.286000	31.5	Off	N	19.6	24.5	56.0
2.022000	29.3	Off	N	19.6	26.7	56.0
2.886000	28.5	Off	N	19.5	27.5	56.0
10.270000	24.7	Off	N	20.1	35.3	60.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	34.1	Off	N	19.6	21.5	55.6
0.470000	42.7	Off	N	19.6	3.8	46.5
0.622000	29.3	Off	N	19.6	16.7	46.0
1.286000	26.8	Off	N	19.6	19.2	46.0
2.022000	23.8	Off	N	19.6	22.2	46.0
2.886000	23.0	Off	N	19.5	23.0	46.0
10.270000	19.6	Off	N	20.1	30.4	50.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Alex Jheng, Bill Chang, and Wilson Wu	Temperature :	24~25°C
		Relative Humidity :	44~47%

Band 1 - 5150~5250MHz

WIFI 802.11a CDD (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5146.64	60.75	-13.25	74	49.11	31.72	10.48	30.56	100	69	P	H
		5149.24	52.53	-1.47	54	40.89	31.72	10.48	30.56	100	69	A	H
	*	5180	111.46	-	-	99.72	31.75	10.55	30.56	100	69	P	H
	*	5180	104.15	-	-	92.41	31.75	10.55	30.56	100	69	A	H
		5150	58.38	-15.62	74	46.74	31.72	10.48	30.56	106	191	P	V
		5150	50	-4	54	38.36	31.72	10.48	30.56	106	191	A	V
	*	5180	108.71	-	-	96.97	31.75	10.55	30.56	106	191	P	V
	*	5180	101.53	-	-	89.79	31.75	10.55	30.56	106	191	A	V
802.11a CH 44 5220MHz		5146.38	53.12	-20.88	74	41.48	31.72	10.48	30.56	100	79	P	H
		5148.2	45.11	-8.89	54	33.47	31.72	10.48	30.56	100	79	A	H
	*	5220	112.45	-	-	101.74	31.77	9.51	30.57	100	79	P	H
	*	5220	105.31	-	-	94.6	31.77	9.51	30.57	100	79	A	H
		5444.4	52.06	-21.94	74	39.72	31.95	10.99	30.6	100	79	P	H
		5444.88	44.65	-9.35	54	32.31	31.95	10.99	30.6	100	79	A	H
		5146.12	51.67	-22.33	74	40.03	31.72	10.48	30.56	100	194	P	V
		5149.76	44.97	-9.03	54	33.33	31.72	10.48	30.56	100	194	A	V
	*	5220	110.07	-	-	99.36	31.77	9.51	30.57	100	194	P	V
	*	5220	103.16	-	-	92.45	31.77	9.51	30.57	100	194	A	V
		5444.16	51.51	-22.49	74	39.17	31.95	10.99	30.6	100	194	P	V
		5442.24	44.2	-9.8	54	31.86	31.95	10.99	30.6	100	194	A	V

802.11a CH 48 5240MHz		5005.2	52.42	-21.58	74	41.13	31.61	10.22	30.54	100	80	P	H
		5149.5	43.51	-10.49	54	31.87	31.72	10.48	30.56	100	80	A	H
	*	5240	113.94	-	-	103.09	31.79	9.64	30.58	100	80	P	H
	*	5240	106.73	-	-	95.88	31.79	9.64	30.58	100	80	A	H
		5395.68	51.12	-22.88	74	38.79	31.92	11.01	30.6	100	80	P	H
		5450.64	44.3	-9.7	54	31.96	31.96	10.98	30.6	100	80	A	H
		5033.54	52.14	-21.86	74	40.8	31.63	10.25	30.54	100	197	P	V
		5150.02	43.28	-106.72	150	31.64	31.72	10.48	30.56	100	197	A	V
	*	5240	111.72	-	-	100.87	31.79	9.64	30.58	100	197	P	V
	*	5240	104.07	-	-	93.22	31.79	9.64	30.58	100	197	A	V
		5453.04	52.91	-21.09	74	40.57	31.96	10.98	30.6	100	197	P	V
		5453.52	43.91	-10.09	54	31.57	31.96	10.98	30.6	100	197	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 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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	45.6	-22.6	68.2	56.07	39.69	15.04	65.2	100	0	P	H
		15540	49.76	-24.24	74	57.38	38.22	18.14	63.98	100	0	P	H
		10360	44.67	-23.53	68.2	55.14	39.69	15.04	65.2	100	0	P	V
		15540	50.85	-23.15	74	58.47	38.22	18.14	63.98	237	50	P	V
		15540	42.56	-11.44	54	50.18	38.22	18.14	63.98	237	50	A	V
802.11a CH 44 5220MHz		8700	50.23	-17.97	68.2	64.25	37.2	13.82	65.04	100	0	P	H
		10440	48.51	-19.69	68.2	58.87	39.79	15.05	65.2	100	0	P	H
		15660	51.62	-22.38	74	59.67	37.96	18.23	64.24	229	37	P	H
		15660	41.6	-12.4	54	49.65	37.96	18.23	64.24	229	37	A	H
		8700	51.01	-17.19	68.2	65.03	37.2	13.82	65.04	100	0	P	V
		10440	46.94	-21.26	68.2	57.3	39.79	15.05	65.2	100	0	P	V
		15660	53.91	-20.09	74	61.96	37.96	18.23	64.24	229	37	P	V
		15660	43.57	-10.43	54	51.62	37.96	18.23	64.24	229	37	A	V
802.11a CH 48 5240MHz		8730	48.65	-19.55	68.2	62.63	37.23	13.84	65.05	100	0	P	H
		10480	49.08	-19.12	68.2	59.36	39.87	15.05	65.2	100	0	P	H
		15720	53.37	-20.63	74	61.66	37.81	18.29	64.39	226	360	P	H
		15720	43.73	-10.27	54	52.02	37.81	18.29	64.39	226	360	A	H
		8730	48.02	-20.18	68.2	62	37.23	13.84	65.05	100	0	P	V
		10480	48.01	-20.19	68.2	58.29	39.87	15.05	65.2	100	0	P	V
		15720	53.28	-20.72	74	61.57	37.81	18.29	64.39	228	40	P	V
		15720	45.16	-8.84	54	53.45	37.81	18.29	64.39	228	40	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.98	60.22	-13.78	74	48.58	31.72	10.48	30.56	215	296	P	H
		5148.72	52.59	-1.41	54	40.95	31.72	10.48	30.56	215	296	A	H
802.11n	*	5180	113.87	-	-	102.13	31.75	10.55	30.56	215	296	P	H
HT20	*	5180	106.41	-	-	94.67	31.75	10.55	30.56	215	296	A	H
CH 36		5141.18	57.07	-16.93	74	45.43	31.72	10.48	30.56	177	141	P	V
5180MHz		5150	49.13	-4.87	54	37.49	31.72	10.48	30.56	177	141	A	V
	*	5180	107.3	-	-	95.56	31.75	10.55	30.56	177	141	P	V
	*	5180	100.78	-	-	89.04	31.75	10.55	30.56	177	141	A	V
		5147.42	57.97	-16.03	74	46.33	31.72	10.48	30.56	213	293	P	H
		5150	48.38	-5.62	54	36.74	31.72	10.48	30.56	213	293	A	H
	*	5220	116.08	-	-	105.37	31.77	9.51	30.57	213	293	P	H
	*	5220	108	-	-	97.29	31.77	9.51	30.57	213	293	A	H
802.11n		5438.64	54.23	-19.77	74	41.89	31.95	10.99	30.6	213	293	P	H
HT20		5431.2	46.77	-7.23	54	34.43	31.95	10.99	30.6	213	293	A	H
CH 44		5083.2	52.02	-21.98	74	40.55	31.67	10.35	30.55	212	138	P	V
5220MHz		5149.76	44.98	-9.02	54	33.34	31.72	10.48	30.56	212	138	A	V
	*	5220	110.01	-	-	99.3	31.77	9.51	30.57	212	138	P	V
	*	5220	102.88	-	-	92.17	31.77	9.51	30.57	212	138	A	V
		5445.36	52.3	-21.7	74	39.96	31.95	10.99	30.6	212	138	P	V
		5429.76	44.52	-9.48	54	32.18	31.95	10.99	30.6	212	138	A	V

		5114.4	54	-20	74	42.45	31.69	10.42	30.56	212	293	P	H
		5149.24	45.72	-8.28	54	34.08	31.72	10.48	30.56	212	293	A	H
	*	5240	117.39	-	-	106.54	31.79	9.64	30.58	212	293	P	H
	*	5240	109.4	-	-	98.55	31.79	9.64	30.58	212	293	A	H
802.11n		5455.2	53.78	-20.22	74	41.44	31.96	10.98	30.6	212	293	P	H
HT20		5450.4	47.08	-6.92	54	34.74	31.96	10.98	30.6	212	293	A	H
CH 48		5054.08	52.38	-21.62	74	41	31.64	10.29	30.55	208	136	P	V
5240MHz		5149.76	43.72	-10.28	54	32.08	31.72	10.48	30.56	208	136	A	V
	*	5240	112.07	-	-	101.22	31.79	9.64	30.58	208	136	P	V
	*	5240	104.12	-	-	93.27	31.79	9.64	30.58	208	136	A	V
		5457.12	51.73	-22.27	74	39.39	31.96	10.98	30.6	208	136	P	V
		5451.36	44.39	-9.61	54	32.05	31.96	10.98	30.6	208	136	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10360	44.57	-23.63	68.2	55.04	39.69	15.04	65.2	100	0	P	H
HT20		15540	47.91	-26.09	74	55.53	38.22	18.14	63.98	100	0	P	H
CH 36		10360	44.38	-23.82	68.2	54.85	39.69	15.04	65.2	100	0	P	V
5180MHz		15540	48.54	-25.46	74	56.16	38.22	18.14	63.98	100	0	P	V
802.11n		10440	49.07	-19.13	68.2	59.43	39.79	15.05	65.2	100	0	P	H
HT20		15660	48.56	-25.44	74	56.61	37.96	18.23	64.24	100	0	P	H
CH 44		10440	47.08	-21.12	68.2	57.44	39.79	15.05	65.2	100	0	P	V
5220MHz		15660	49.83	-24.17	74	57.88	37.96	18.23	64.24	100	0	P	V
802.11n		10480	47.7	-20.5	68.2	57.98	39.87	15.05	65.2	100	0	P	H
HT20		15720	50.96	-23.04	74	59.25	37.81	18.29	64.39	100	0	P	H
CH 48		10480	47.94	-20.26	68.2	58.22	39.87	15.05	65.2	100	0	P	V
5240MHz		15720	50.8	-23.2	74	59.09	37.81	18.29	64.39	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.94	60.03	-13.97	74	48.39	31.72	10.48	30.56	293	307	P	H
		5149.24	53.99	-0.01	54	42.35	31.72	10.48	30.56	293	307	A	H
	*	5190	103.84	-	-	92.11	31.75	10.55	30.57	293	307	P	H
	*	5190	96.47	-	-	84.74	31.75	10.55	30.57	293	307	A	H
802.11n		5457.6	50.73	-23.27	74	38.39	31.96	10.98	30.6	293	307	P	H
HT40		5361.84	43.13	-10.87	54	31.09	31.89	10.74	30.59	293	307	A	H
CH 38		5141.7	57.13	-16.87	74	45.49	31.72	10.48	30.56	198	144	P	V
5190MHz		5150	51.97	-2.03	54	40.33	31.72	10.48	30.56	198	144	A	V
	*	5190	101.46	-	-	89.73	31.75	10.55	30.57	198	144	P	V
	*	5190	94.85	-	-	83.12	31.75	10.55	30.57	198	144	A	V
		5412.72	50.6	-23.4	74	38.27	31.93	11	30.6	198	144	P	V
		5441.04	43.03	-10.97	54	30.69	31.95	10.99	30.6	198	144	A	V
		5148.2	60.85	-13.15	74	49.21	31.72	10.48	30.56	293	308	P	H
		5148.72	53.45	-0.55	54	41.81	31.72	10.48	30.56	293	308	A	H
	*	5230	109.68	-	-	98.82	31.79	9.64	30.57	293	308	P	H
	*	5230	102.37	-	-	91.51	31.79	9.64	30.57	293	308	A	H
802.11n		5352.72	54.44	-19.56	74	42.55	31.88	10.6	30.59	293	308	P	H
HT40		5356.08	47.32	-6.68	54	35.43	31.88	10.6	30.59	293	308	A	H
CH 46		5149.76	59.6	-14.4	74	47.96	31.72	10.48	30.56	208	145	P	V
5230MHz		5149.76	50.93	-3.07	54	39.29	31.72	10.48	30.56	208	145	A	V
	*	5230	106.45	-	-	95.59	31.79	9.64	30.57	208	145	P	V
	*	5230	99.99	-	-	89.13	31.79	9.64	30.57	208	145	A	V
		5351.76	52.01	-21.99	74	40.12	31.88	10.6	30.59	208	145	P	V
		5351.76	45.19	-8.81	54	33.3	31.88	10.6	30.59	208	145	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 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10380	44.38	-23.82	68.2	54.83	39.71	15.04	65.2	100	0	P	H
HT40		15570	41.98	-32.02	74	49.71	38.15	18.17	64.05	100	0	P	H
CH 38		10380	45.59	-22.61	68.2	56.04	39.71	15.04	65.2	100	0	P	V
5190MHz		15570	42.35	-31.65	74	50.08	38.15	18.17	64.05	100	0	P	V
802.11n		10460	44.68	-23.52	68.2	55.01	39.82	15.05	65.2	100	0	P	H
HT40		15690	45.23	-28.77	74	53.41	37.88	18.26	64.32	100	0	P	H
CH 46		10460	44.74	-23.46	68.2	55.07	39.82	15.05	65.2	100	0	P	V
5230MHz		15690	45.97	-28.03	74	54.15	37.88	18.26	64.32	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5116.48	60.92	-13.08	74	49.37	31.69	10.42	30.56	214	307	P	H
		5148.46	53.72	-0.28	54	42.08	31.72	10.48	30.56	214	307	A	H
	*	5210	101.96	-	-	91.25	31.77	9.51	30.57	214	307	P	H
	*	5210	94.39	-	-	83.68	31.77	9.51	30.57	214	307	A	H
802.11ac		5439.84	50.65	-23.35	74	38.31	31.95	10.99	30.6	214	307	P	H
VHT80		5351.76	43.32	-10.68	54	31.43	31.88	10.6	30.59	214	307	A	H
CH 42		5122.72	55.99	-18.01	74	44.39	31.71	10.45	30.56	100	192	P	V
5210MHz		5150	49.39	-4.61	54	37.75	31.72	10.48	30.56	100	192	A	V
	*	5210	96.03	-	-	85.32	31.77	9.51	30.57	100	192	P	V
	*	5210	88.65	-	-	77.94	31.77	9.51	30.57	100	192	A	V
		5425.92	50.01	-23.99	74	37.68	31.93	11	30.6	100	192	P	V
		5437.92	43.06	-10.94	54	30.72	31.95	10.99	30.6	100	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 802.11ac VHT80 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	47.05	-21.15	68.2	57.44	39.77	15.04	65.2	100	0	P	H
VHT80		15630	42.07	-31.93	74	50.05	38	18.22	64.2	100	0	P	H
CH 42		10420	45.62	-22.58	68.2	56.01	39.77	15.04	65.2	100	0	P	V
5210MHz		15630	42.2	-31.8	74	50.18	38	18.22	64.2	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a CDD (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)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5022.36	51.63	-22.37	74	40.29	31.63	10.25	30.54	100	80	P	H
		5122.2	43.06	-10.94	54	31.51	31.69	10.42	30.56	100	80	A	H
	*	5260	113.9	-	-	102.75	31.81	9.92	30.58	100	80	P	H
	*	5260	106.48	-	-	95.33	31.81	9.92	30.58	100	80	A	H
		5416.32	51.54	-22.46	74	39.21	31.93	11	30.6	100	80	P	H
		5351.76	43.27	-10.73	54	31.38	31.88	10.6	30.59	100	80	A	H
		5064.48	51.97	-22.03	74	40.55	31.65	10.32	30.55	100	197	P	V
		5046.28	43.17	-10.83	54	31.79	31.64	10.29	30.55	100	197	A	V
	*	5260	111.65	-	-	100.5	31.81	9.92	30.58	100	197	P	V
	*	5260	104.27	-	-	93.12	31.81	9.92	30.58	100	197	A	V
		5372.16	50.82	-23.18	74	38.78	31.89	10.74	30.59	100	197	P	V
		5402.16	42.56	-11.44	54	30.23	31.92	11.01	30.6	100	197	A	V
802.11a CH 60 5300MHz		5085.54	53.15	-20.85	74	41.68	31.67	10.35	30.55	100	83	P	H
		5085.8	43.13	-10.87	54	31.66	31.67	10.35	30.55	100	83	A	H
	*	5300	113.82	-	-	102.37	31.84	10.19	30.58	100	83	P	H
	*	5300	106.66	-	-	95.21	31.84	10.19	30.58	100	83	A	H
		5356.32	59.64	-14.36	74	47.75	31.88	10.6	30.59	100	83	P	H
		5350.32	52.31	-1.69	54	40.42	31.88	10.6	30.59	100	83	A	H
		5110.24	52.06	-21.94	74	40.5	31.69	10.42	30.55	100	191	P	V
		5079.04	43.05	-10.95	54	31.58	31.67	10.35	30.55	100	191	A	V
	*	5300	111.92	-	-	100.47	31.84	10.19	30.58	100	191	P	V
	*	5300	104.57	-	-	93.12	31.84	10.19	30.58	100	191	A	V
		5354.88	57.67	-16.33	74	45.78	31.88	10.6	30.59	100	191	P	V
		5350.32	50.49	-3.51	54	38.6	31.88	10.6	30.59	100	191	A	V

802.11a CH 64 5320MHz	*	5320	110.61	-	-	99.02	31.85	10.33	30.59	100	236	P	H
	*	5320	103.53	-	-	91.94	31.85	10.33	30.59	100	236	A	H
		5351.2	59.25	-14.75	74	47.36	31.88	10.6	30.59	100	236	P	H
		5352	51.5	-2.5	54	39.61	31.88	10.6	30.59	100	236	A	H
	*	5320	109.51	-	-	97.92	31.85	10.33	30.59	100	191	P	V
	*	5320	101.83	-	-	90.24	31.85	10.33	30.59	100	191	A	V
		5350.24	58.4	-15.6	74	46.51	31.88	10.6	30.59	100	191	P	V
		5350.08	51.08	-2.92	54	39.19	31.88	10.6	30.59	100	191	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		8770	47.34	-20.86	68.2	61.26	37.27	13.86	65.05	100	0	P	H
		10520	48.16	-20.04	68.2	58.39	39.91	15.06	65.2	100	0	P	H
		15780	49.85	-24.15	74	58.34	37.69	18.33	64.51	100	0	P	H
		8770	47.61	-20.59	68.2	61.53	37.27	13.86	65.05	100	0	P	V
		10520	48.87	-19.33	68.2	59.1	39.91	15.06	65.2	100	0	P	V
		15780	52.99	-21.01	74	61.48	37.69	18.33	64.51	187	33	P	V
		15780	43.56	-10.44	54	52.05	37.69	18.33	64.51	187	33	A	V
802.11a CH 60 5300MHz		10600	49.35	-24.65	74	59.48	39.98	15.07	65.18	100	0	P	H
		15900	49.14	-24.86	74	58.05	37.43	18.43	64.77	100	0	P	H
		10600	48.42	-25.58	74	58.55	39.98	15.07	65.18	100	0	P	V
		15900	49.2	-24.8	74	58.11	37.43	18.43	64.77	100	0	P	V
802.11a CH 64 5320MHz		10640	44.7	-29.3	74	54.78	40.01	15.08	65.17	100	0	P	H
		15960	46.12	-27.88	74	55.28	37.28	18.48	64.92	100	0	P	H
		10640	45.46	-28.54	74	55.54	40.01	15.08	65.17	100	0	P	V
		15960	47.83	-26.17	74	56.99	37.28	18.48	64.92	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.68	53.23	-20.77	74	41.59	31.72	10.48	30.56	207	293	P	H
		5145.08	44.34	-9.66	54	32.7	31.72	10.48	30.56	207	293	A	H
	*	5260	117.59	-	-	106.44	31.81	9.92	30.58	207	293	P	H
	*	5260	109.64	-	-	98.49	31.81	9.92	30.58	207	293	A	H
802.11n		5350.8	54.73	-19.27	74	42.84	31.88	10.6	30.59	207	293	P	H
HT20		5351.04	45.57	-8.43	54	33.68	31.88	10.6	30.59	207	293	A	H
CH 52		5082.16	52.33	-21.67	74	40.86	31.67	10.35	30.55	219	141	P	V
5260MHz		5107.64	43.21	-10.79	54	31.65	31.69	10.42	30.55	219	141	A	V
	*	5260	111.35	-	-	100.2	31.81	9.92	30.58	219	141	P	V
	*	5260	104.57	-	-	93.42	31.81	9.92	30.58	219	141	A	V
		5410.32	51.81	-22.19	74	39.48	31.92	11.01	30.6	219	141	P	V
		5406.24	43.17	-10.83	54	30.84	31.92	11.01	30.6	219	141	A	V
		5134.16	52.28	-21.72	74	40.68	31.71	10.45	30.56	206	290	P	H
		5149.24	43.41	-10.59	54	31.77	31.72	10.48	30.56	206	290	A	H
	*	5300	115.66	-	-	104.21	31.84	10.19	30.58	206	290	P	H
	*	5300	107.75	-	-	96.3	31.84	10.19	30.58	206	290	A	H
802.11n		5351.28	58.77	-15.23	74	46.88	31.88	10.6	30.59	206	290	P	H
HT20		5351.28	51.87	-2.13	54	39.98	31.88	10.6	30.59	206	290	A	H
CH 60		5087.36	52.28	-21.72	74	40.81	31.67	10.35	30.55	189	140	P	V
5300MHz		5077.22	43.12	-10.88	54	31.65	31.67	10.35	30.55	189	140	A	V
	*	5300	110.3	-	-	98.85	31.84	10.19	30.58	189	140	P	V
	*	5300	103.03	-	-	91.58	31.84	10.19	30.58	189	140	A	V
		5356.8	55.16	-18.84	74	43.27	31.88	10.6	30.59	189	140	P	V
		5350.56	47.08	-6.92	54	35.19	31.88	10.6	30.59	189	140	A	V

802.11n HT20 CH 64 5320MHz	*	5320	113.11	-	-	101.52	31.85	10.33	30.59	213	294	P	H
	*	5320	106.14	-	-	94.55	31.85	10.33	30.59	213	294	A	H
		5350.88	60.32	-13.68	74	48.43	31.88	10.6	30.59	213	294	P	H
		5351.2	53.13	-0.87	54	41.24	31.88	10.6	30.59	213	294	A	H
	*	5320	109.28	-	-	97.69	31.85	10.33	30.59	211	142	P	V
	*	5320	101.17	-	-	89.58	31.85	10.33	30.59	211	142	A	V
		5352.64	55.8	-18.2	74	43.91	31.88	10.6	30.59	211	142	P	V
		5350.08	48.92	-5.08	54	37.03	31.88	10.6	30.59	211	142	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10520	47.56	-20.64	68.2	57.79	39.91	15.06	65.2	100	0	P	H
HT20		15780	50.22	-23.78	74	58.71	37.69	18.33	64.51	100	0	P	H
CH 52		10520	47.15	-21.05	68.2	57.38	39.91	15.06	65.2	100	0	P	V
5260MHz		15780	50.4	-23.6	74	58.89	37.69	18.33	64.51	100	0	P	V
802.11n		10600	48.72	-25.28	74	58.85	39.98	15.07	65.18	100	0	P	H
HT20		15900	46.14	-27.86	74	55.05	37.43	18.43	64.77	100	0	P	H
CH 60		10600	48.04	-25.96	74	58.17	39.98	15.07	65.18	100	0	P	V
5300MHz		15900	47.36	-26.64	74	56.27	37.43	18.43	64.77	100	0	P	V
802.11n		10640	45.07	-28.93	74	55.15	40.01	15.08	65.17	100	0	P	H
HT20		15960	44.8	-29.2	74	53.96	37.28	18.48	64.92	100	0	P	H
CH 64		10640	44.07	-29.93	74	54.15	40.01	15.08	65.17	100	0	P	V
5320MHz		15960	43.42	-30.58	74	52.58	37.28	18.48	64.92	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	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		5093.6	53.94	-20.06	74	42.42	31.68	10.39	30.55	293	307	P	H
		5148.98	45.98	-8.02	54	34.34	31.72	10.48	30.56	293	307	A	H
	*	5270	108.33	-	-	97.18	31.81	9.92	30.58	293	307	P	H
	*	5270	101.37	-	-	90.22	31.81	9.92	30.58	293	307	A	H
		5356.8	61.11	-12.89	74	49.22	31.88	10.6	30.59	293	307	P	H
		5351.52	50.68	-3.32	54	38.79	31.88	10.6	30.59	293	307	A	H
		5070.2	51.85	-22.15	74	40.43	31.65	10.32	30.55	217	138	P	V
		5149.76	44.59	-9.41	54	32.95	31.72	10.48	30.56	217	138	A	V
	*	5270	106.05	-	-	94.9	31.81	9.92	30.58	217	138	P	V
	*	5270	99.05	-	-	87.9	31.81	9.92	30.58	217	138	A	V
		5358.48	55.49	-18.51	74	43.6	31.88	10.6	30.59	217	138	P	V
		5352	47.66	-6.34	54	35.77	31.88	10.6	30.59	217	138	A	V
802.11n HT40 CH 62 5310MHz		5123.24	51.38	-22.62	74	39.78	31.71	10.45	30.56	268	323	P	H
		5078.52	43.89	-10.11	54	32.42	31.67	10.35	30.55	268	323	A	H
	*	5310	104.06	-	-	92.46	31.85	10.33	30.58	268	323	P	H
	*	5310	97.34	-	-	85.74	31.85	10.33	30.58	268	323	A	H
		5352	61.24	-12.76	74	49.35	31.88	10.6	30.59	268	323	P	H
		5353.68	52.95	-1.05	54	41.06	31.88	10.6	30.59	268	323	A	H
		5038.22	51.69	-22.31	74	40.31	31.64	10.29	30.55	212	144	P	V
		5077.22	43.63	-10.37	54	32.16	31.67	10.35	30.55	212	144	A	V
	*	5310	101.85	-	-	90.25	31.85	10.33	30.58	212	144	P	V
	*	5310	94.78	-	-	83.18	31.85	10.33	30.58	212	144	A	V
		5359.92	58.13	-15.87	74	46.24	31.88	10.6	30.59	212	144	P	V
		5350.08	50.37	-3.63	54	38.48	31.88	10.6	30.59	212	144	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 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	45.75	-22.45	68.2	55.95	39.93	15.06	65.19	100	0	P	H
HT40		15810	44.86	-29.14	74	53.46	37.62	18.36	64.58	100	0	P	H
CH 54		10540	44.06	-24.14	68.2	54.26	39.93	15.06	65.19	100	0	P	V
5270MHz		15810	44.62	-29.38	74	53.22	37.62	18.36	64.58	100	0	P	V
802.11n		10620	44.91	-29.09	74	55.02	40	15.07	65.18	100	0	P	H
HT40		15930	40.91	-33.09	74	49.96	37.35	18.45	64.85	100	0	P	H
CH 62		10620	44	-30	74	54.11	40	15.07	65.18	100	0	P	V
5310MHz		15930	41.05	-32.95	74	50.1	37.35	18.45	64.85	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5150	53.37	-20.63	74	41.73	31.72	10.48	30.56	219	334	P	H
		5149.5	44.75	-9.25	54	33.11	31.72	10.48	30.56	219	334	A	H
	*	5290	100.57	-	-	89.27	31.83	10.05	30.58	219	334	P	H
	*	5290	93.85	-	-	82.55	31.83	10.05	30.58	219	334	A	H
		5358.48	59.31	-14.69	74	47.42	31.88	10.6	30.59	219	334	P	H
		5351.52	52.16	-1.84	54	40.27	31.88	10.6	30.59	219	334	A	H
		5082.94	51.62	-22.38	74	40.15	31.67	10.35	30.55	100	194	P	V
		5044.46	43.63	-10.37	54	32.25	31.64	10.29	30.55	100	194	A	V
	*	5290	97.01	-	-	85.71	31.83	10.05	30.58	100	194	P	V
	*	5290	89.05	-	-	77.75	31.83	10.05	30.58	100	194	A	V
		5352.72	54.21	-19.79	74	42.32	31.88	10.6	30.59	100	194	P	V
		5357.52	47.17	-6.83	54	35.28	31.88	10.6	30.59	100	194	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 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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	44.87	-23.33	68.2	55.01	39.97	15.07	65.18	100	0	P	H
		15870	40.78	-33.22	74	49.63	37.47	18.41	64.73	100	0	P	H
		10580	44.51	-23.69	68.2	54.65	39.97	15.07	65.18	100	0	P	V
		15870	40.69	-33.31	74	49.54	37.47	18.41	64.73	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a CDD (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)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5459.44	57.42	-16.58	74	45.08	31.96	10.98	30.6	251	323	P	H
		5468.08	61.17	-7.03	68.2	48.84	31.97	10.97	30.61	251	323	P	H
		5458.64	51.01	-2.99	54	38.67	31.96	10.98	30.6	251	323	A	H
	*	5500	113.54	-	-	101.2	32	10.95	30.61	251	323	P	H
	*	5500	105.94	-	-	93.6	32	10.95	30.61	251	323	A	H
		5450.64	54.72	-19.28	74	42.38	31.96	10.98	30.6	100	190	P	V
		5460.72	54.38	-13.82	68.2	42.04	31.96	10.98	30.6	100	190	P	V
		5458.64	46.48	-7.52	54	34.14	31.96	10.98	30.6	100	190	A	V
	*	5500	108.25	-	-	95.91	32	10.95	30.61	100	190	P	V
	*	5500	100.75	-	-	88.41	32	10.95	30.61	100	190	A	V
802.11a CH 116 5580MHz		5454.64	51.54	-22.46	74	39.2	31.96	10.98	30.6	253	324	P	H
		5467.6	54.5	-13.7	68.2	42.17	31.97	10.97	30.61	253	324	P	H
		5459.68	44.1	-9.9	54	31.76	31.96	10.98	30.6	253	324	A	H
	*	5580	118.12	-	-	105.77	32.08	10.91	30.64	253	324	P	H
	*	5580	110.78	-	-	98.43	32.08	10.91	30.64	253	324	A	H
		5731.75	54.42	-13.78	68.2	41.79	32.27	11.07	30.71	253	324	P	H
		5457.28	50.57	-23.43	74	38.23	31.96	10.98	30.6	176	225	P	V
		5466.16	50.43	-17.77	68.2	38.1	31.97	10.97	30.61	176	225	P	V
		5458.48	42.58	-11.42	54	30.24	31.96	10.98	30.6	176	225	A	V
	*	5580	114.7	-	-	102.35	32.08	10.91	30.64	176	225	P	V
	*	5580	106.5	-	-	94.15	32.08	10.91	30.64	176	225	A	V
		5727.55	51.54	-16.66	68.2	38.91	32.27	11.07	30.71	176	225	P	V

802.11a CH 140 5700MHz	*	5700	114.97	-	-	102.42	32.23	11.02	30.7	249	322	P	H
	*	5700	107.27	-	-	94.72	32.23	11.02	30.7	249	322	A	H
		5725.4	66.49	-1.71	68.2	53.86	32.27	11.07	30.71	249	322	P	H
	*	5700	109.1	-	-	96.55	32.23	11.02	30.7	186	231	P	V
	*	5700	102.14	-	-	89.59	32.23	11.02	30.7	186	231	A	V
		5725.24	63.58	-4.62	68.2	50.95	32.27	11.07	30.71	186	231	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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	45.18	-28.82	74	54.85	40.3	15.13	65.1	100	0	P	H
		16500	48.32	-19.88	68.2	55.5	39	18.92	65.1	100	0	P	H
		11000	45.68	-28.32	74	55.35	40.3	15.13	65.1	100	0	P	V
		16500	45.17	-23.03	68.2	52.35	39	18.92	65.1	100	0	P	V
802.11a CH 116 5580MHz		11160	48.46	-25.54	74	58.2	40.3	15.16	65.2	100	0	P	H
		16740	52.45	-15.75	68.2	58.32	39.87	19.12	64.86	100	0	P	H
		11160	49.25	-24.75	74	58.99	40.3	15.16	65.2	100	0	P	V
		16740	49.53	-18.67	68.2	55.4	39.87	19.12	64.86	100	0	P	V
802.11a CH 140 5700MHz		11400	45.19	-28.81	74	55.04	40.3	15.19	65.34	100	0	P	H
		17100	54.42	-13.78	68.2	58.31	41.16	19.41	64.46	100	0	P	H
		11400	44.76	-29.24	74	54.61	40.3	15.19	65.34	100	0	P	V
		17100	50.69	-17.51	68.2	54.58	41.16	19.41	64.46	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	58.76	-15.24	74	46.42	31.96	10.98	30.6	213	308	P	H
		5468.72	61.51	-6.69	68.2	49.18	31.97	10.97	30.61	213	308	P	H
		5458.8	51.99	-2.01	54	39.65	31.96	10.98	30.6	213	308	A	H
802.11n	*	5500	113	-	-	100.66	32	10.95	30.61	213	308	P	H
HT20	*	5500	106.36	-	-	94.02	32	10.95	30.61	213	308	A	H
CH 100		5447.6	56.7	-17.3	74	44.36	31.96	10.98	30.6	213	142	P	V
5500MHz		5468.08	57.65	-10.55	68.2	45.32	31.97	10.97	30.61	213	142	P	V
		5459.44	48.06	-5.94	54	35.72	31.96	10.98	30.6	213	142	A	V
	*	5500	109.73	-	-	97.39	32	10.95	30.61	213	142	P	V
	*	5500	101.36	-	-	89.02	32	10.95	30.61	213	142	A	V
		5456.56	52.39	-21.61	74	40.05	31.96	10.98	30.6	212	309	P	H
		5470	53.58	-14.62	68.2	41.25	31.97	10.97	30.61	212	309	P	H
		5456.56	44.54	-9.46	54	32.2	31.96	10.98	30.6	212	309	A	H
	*	5580	119.41	-	-	107.06	32.08	10.91	30.64	212	309	P	H
802.11n	*	5580	110.87	-	-	98.52	32.08	10.91	30.64	212	309	A	H
HT20		5729.65	53.3	-14.9	68.2	40.67	32.27	11.07	30.71	212	309	P	H
CH 116		5428.72	52.36	-21.64	74	40.02	31.95	10.99	30.6	220	140	P	V
5580MHz		5468.32	51.44	-16.76	68.2	39.11	31.97	10.97	30.61	220	140	P	V
		5458.24	43.26	-10.74	54	30.92	31.96	10.98	30.6	220	140	A	V
	*	5580	113.66	-	-	101.31	32.08	10.91	30.64	220	140	P	V
	*	5580	105.22	-	-	92.87	32.08	10.91	30.64	220	140	A	V
		5736.475	52.51	-15.69	68.2	39.83	32.29	11.1	30.71	220	140	P	V

802.11n HT20 CH 140 5700MHz	*	5700	114.35	-	-	101.8	32.23	11.02	30.7	228	328	P	H
	*	5700	106.77	-	-	94.22	32.23	11.02	30.7	228	328	A	H
		5725.72	67.4	-0.8	68.2	54.77	32.27	11.07	30.71	228	328	P	H
	*	5700	109.27	-	-	96.72	32.23	11.02	30.7	212	145	P	V
	*	5700	102.3	-	-	89.75	32.23	11.02	30.7	212	145	A	V
		5725	64.73	-3.47	68.2	52.1	32.27	11.07	30.71	212	145	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11000	45.29	-28.71	74	54.96	40.3	15.13	65.1	100	0	P	H
HT20		16500	47.37	-20.83	68.2	54.55	39	18.92	65.1	100	0	P	H
CH 100		11000	47.51	-26.49	74	57.18	40.3	15.13	65.1			P	V
5500MHz		16500	46.16	-22.04	68.2	53.34	39	18.92	65.1	100	0	P	V
802.11n		11160	47.39	-26.61	74	57.13	40.3	15.16	65.2	100	0	P	H
HT20		16740	51.99	-16.21	68.2	57.86	39.87	19.12	64.86	100	0	P	H
CH 116		11160	48.2	-25.8	74	57.94	40.3	15.16	65.2	100	0	P	V
5580MHz		16740	49.97	-18.23	68.2	55.84	39.87	19.12	64.86	100	0	P	V
802.11n		11400	45.29	-28.71	74	55.14	40.3	15.19	65.34	100	0	P	H
HT20		17100	55.72	-12.48	68.2	59.61	41.16	19.41	64.46	100	0	P	H
CH 140		11400	45.37	-28.63	74	55.22	40.3	15.19	65.34	100	0	P	V
5700MHz		17100	54.07	-14.13	68.2	57.96	41.16	19.41	64.46	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5448.64	58.5	-15.5	74	46.16	31.96	10.98	30.6	193	306	P	H
		5461.6	63.63	-4.57	68.2	51.29	31.96	10.98	30.6	193	306	P	H
		5453.44	53.35	-0.65	54	41.01	31.96	10.98	30.6	193	306	A	H
	*	5510	106.34	-	-	94	32	10.95	30.61	193	306	P	H
802.11n	*	5510	99.87	-	-	87.53	32	10.95	30.61	193	306	A	H
HT40		5733.325	50.67	-17.53	68.2	38.04	32.27	11.07	30.71	193	306	P	H
CH 102		5459.92	56.07	-17.93	74	43.73	31.96	10.98	30.6	100	188	P	V
5510MHz		5467.84	60.77	-7.43	68.2	48.44	31.97	10.97	30.61	100	188	P	V
		5459.68	49.26	-4.74	54	36.92	31.96	10.98	30.6	100	188	A	V
	*	5510	101.69	-	-	89.35	32	10.95	30.61	100	188	P	V
	*	5510	94.95	-	-	82.61	32	10.95	30.61	100	188	A	V
		5742.6	51.57	-16.63	68.2	38.91	32.29	11.1	30.73	100	188	P	V
		5458.96	60.36	-13.64	74	48.02	31.96	10.98	30.6	281	322	P	H
		5469.28	62.39	-5.81	68.2	50.06	31.97	10.97	30.61	281	322	P	H
		5459.2	53.13	-0.87	54	40.79	31.96	10.98	30.6	281	322	A	H
	*	5550	111.26	-	-	98.91	32.06	10.92	30.63	281	322	P	H
802.11n	*	5550	104.29	-	-	91.94	32.06	10.92	30.63	281	322	A	H
HT40		5758.175	52.4	-15.8	68.2	39.69	32.31	11.13	30.73	281	322	P	H
CH 110		5458.72	56.66	-17.34	74	44.32	31.96	10.98	30.6	100	189	P	V
5550MHz		5468.08	56.63	-11.57	68.2	44.3	31.97	10.97	30.61	100	189	P	V
		5459.92	49.99	-4.01	54	37.65	31.96	10.98	30.6	100	189	A	V
	*	5550	106.87	-	-	94.52	32.06	10.92	30.63	100	189	P	V
	*	5550	99.25	-	-	86.9	32.06	10.92	30.63	100	189	A	V
		5752.225	51.58	-16.62	68.2	38.87	32.31	11.13	30.73	100	189	P	V

		5437.6	50.87	-23.13	74	38.53	31.95	10.99	30.6	252	320	P	H
		5463.04	51.49	-16.71	68.2	39.16	31.97	10.97	30.61	252	320	P	H
		5459.44	43.67	-10.33	54	31.33	31.96	10.98	30.6	252	320	A	H
	*	5670	111.78	-	-	99.26	32.21	11	30.69	252	320	P	H
802.11n	*	5670	104.66	-	-	92.14	32.21	11	30.69	252	320	A	H
HT40		5728.25	67.63	-0.57	68.2	55	32.27	11.07	30.71	252	320	P	H
CH 134		5442.64	50.6	-23.4	74	38.26	31.95	10.99	30.6	100	230	P	V
5670MHz		5467.12	51.2	-17	68.2	38.87	31.97	10.97	30.61	100	230	P	V
		5458.72	42.85	-11.15	54	30.51	31.96	10.98	30.6	100	230	A	V
	*	5670	106.78	-	-	94.26	32.21	11	30.69	100	230	P	V
	*	5670	99.87	-	-	87.35	32.21	11	30.69	100	230	A	V
		5726.15	64.34	-3.86	68.2	51.71	32.27	11.07	30.71	100	230	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	44.65	-29.35	74	54.33	40.3	15.13	65.11	100	0	P	H
HT40		16530	44.19	-24.01	68.2	51.19	39.12	18.95	65.07	100	0	P	H
CH 102		11020	45.67	-28.33	74	55.35	40.3	15.13	65.11	100	0	P	V
5510MHz		16530	43.98	-24.22	68.2	50.98	39.12	18.95	65.07	100	0	P	V
802.11n		11100	44.94	-29.06	74	54.65	40.3	15.15	65.16	100	0	P	H
HT40		16650	46.4	-21.8	68.2	52.73	39.56	19.05	64.94	100	0	P	H
CH 110		11100	45.24	-28.76	74	54.95	40.3	15.15	65.16	100	0	P	V
5550MHz		16650	45.2	-23	68.2	51.53	39.56	19.05	64.94	100	0	P	V
802.11n		11340	45.08	-28.92	74	54.9	40.3	15.18	65.3	100	0	P	H
HT40		17010	49.98	-18.22	68.2	54.36	40.86	19.34	64.58	100	0	P	H
CH 134		11340	44.72	-29.28	74	54.54	40.3	15.18	65.3	100	0	P	V
5670MHz		17010	47.81	-20.39	68.2	52.19	40.86	19.34	64.58	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5457.28	60.97	-13.03	74	48.63	31.96	10.98	30.6	256	322	P	H
		5461.84	60.85	-7.35	68.2	48.51	31.96	10.98	30.6	256	322	P	H
		5458.72	53.26	-0.74	54	40.92	31.96	10.98	30.6	256	322	A	H
	*	5530	103.5	-	-	91.16	32.02	10.94	30.62	256	322	P	H
	*	5530	96.4	-	-	84.06	32.02	10.94	30.62	256	322	A	H
		5733.15	52.89	-15.31	68.2	40.26	32.27	11.07	30.71	256	322	P	H
		5437.36	56.93	-17.07	74	44.59	31.95	10.99	30.6	191	232	P	V
		5469.28	55.23	-12.97	68.2	42.9	31.97	10.97	30.61	191	232	P	V
		5459.44	49.38	-4.62	54	37.04	31.96	10.98	30.6	191	232	A	V
	*	5530	99.06	-	-	86.72	32.02	10.94	30.62	191	232	P	V
	*	5530	91.48	-	-	79.14	32.02	10.94	30.62	191	232	A	V
		5759.4	50.31	-17.89	68.2	37.6	32.31	11.13	30.73	191	232	P	V
802.11ac VHT80 CH 122 5610MHz		5443.84	59.82	-14.18	74	47.48	31.95	10.99	30.6	253	324	P	H
		5467.6	60.87	-7.33	68.2	48.54	31.97	10.97	30.61	253	324	P	H
		5459.44	51.56	-2.44	54	39.22	31.96	10.98	30.6	253	324	A	H
	*	5610	107.55	-	-	95.2	32.12	10.89	30.66	253	324	P	H
	*	5610	100.12	-	-	87.77	32.12	10.89	30.66	253	324	A	H
		5729.65	58.69	-9.51	68.2	46.06	32.27	11.07	30.71	253	324	P	H
		5459.92	55.67	-18.33	74	43.33	31.96	10.98	30.6	153	223	P	V
		5468.32	56.39	-11.81	68.2	44.06	31.97	10.97	30.61	153	223	P	V
		5459.68	48.01	-5.99	54	35.67	31.96	10.98	30.6	153	223	A	V
	*	5610	103.11	-	-	90.76	32.12	10.89	30.66	153	223	P	V
	*	5610	95.84	-	-	83.49	32.12	10.89	30.66	153	223	A	V
		5726.675	53.98	-14.22	68.2	41.35	32.27	11.07	30.71	153	223	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 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	45	-29	74	54.7	40.3	15.14	65.14	100	0	P	H
VHT80		16590	44.57	-23.63	68.2	51.28	39.31	18.99	65.01	100	0	P	H
CH 106		11060	44.46	-29.54	74	54.16	40.3	15.14	65.14	100	0	P	V
5530MHz		16590	43.92	-24.28	68.2	50.63	39.31	18.99	65.01	100	0	P	V
802.11ac		11220	44.8	-29.2	74	54.57	40.3	15.16	65.23	100	0	P	H
VHT80		16830	43.64	-24.56	68.2	49.04	40.18	19.19	64.77	100	0	P	H
CH 122		11220	43.19	-30.81	74	52.96	40.3	15.16	65.23	100	0	P	V
5610MHz		16830	43.2	-25	68.2	48.6	40.18	19.19	64.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a CDD (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)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	119.74	-	-	107.11	32.27	11.07	30.71	258	320	P	H
	*	5720	111.36	-	-	98.73	32.27	11.07	30.71	258	320	A	H
	*	5720	115.19	-	-	102.56	32.27	11.07	30.71	209	227	P	V
	*	5720	106.62	-	-	93.99	32.27	11.07	30.71	209	227	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a CDD (Harmonic @ 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)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		11440	47.54	-26.46	74	57.4	40.3	15.2	65.36	100	0	P	H
		17160	59.49	-8.71	68.2	63	41.4	19.46	64.37	100	0	P	H
		11440	47.95	-26.05	74	57.81	40.3	15.2	65.36	100	0	P	V
		17160	55.05	-13.15	68.2	58.56	41.4	19.46	64.37	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n	*	5720	117.64	-	-	105.01	32.27	11.07	30.71	205	336	P	H
HT20	*	5720	110.59	-	-	97.96	32.27	11.07	30.71	205	336	A	H
CH 144	*	5720	112.48	-	-	99.85	32.27	11.07	30.71	208	222	P	V
5720MHz	*	5720	105.38	-	-	92.75	32.27	11.07	30.71	208	222	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11440	46.1	-27.9	74	55.96	40.3	15.2	65.36	100	0	P	H
HT20		17160	58.7	-9.5	68.2	62.21	41.4	19.46	64.37	100	0	P	H
CH 144		11440	47.8	-26.2	74	57.66	40.3	15.2	65.36	100	0	P	V
5720MHz		17160	55.7	-12.5	68.2	59.21	41.4	19.46	64.37	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n	*	5710	113.18	-	-	100.58	32.25	11.05	30.7	305	334	P	H
HT40	*	5710	105.82	-	-	93.22	32.25	11.05	30.7	305	334	A	H
CH 142	*	5710	109.03	-	-	96.43	32.25	11.05	30.7	100	223	P	V
5710MHz	*	5710	101.79	-	-	89.19	32.25	11.05	30.7	100	223	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11420	45.19	-28.81	74	55.05	40.3	15.19	65.35	100	0	P	H
HT40		17130	53.71	-14.49	68.2	57.4	41.28	19.44	64.41	100	0	P	H
CH 142		11420	46.46	-27.54	74	56.32	40.3	15.19	65.35	100	0	P	V
5710MHz		17130	51.45	-16.75	68.2	55.14	41.28	19.44	64.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac	*	5690	111.29	-	-	98.74	32.23	11.02	30.7	247	326	P	H
VHT80	*	5690	103.61	-	-	91.06	32.23	11.02	30.7	247	326	A	H
CH 138	*	5690	105.57	-	-	93.02	32.23	11.02	30.7	137	227	P	V
5690MHz	*	5690	98.18	-	-	85.63	32.23	11.02	30.7	137	227	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 CDD (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	44.2	-29.8	74	54.04	40.3	15.19	65.33	100	0	P	H
VHT80		17070	53.75	-14.45	68.2	57.84	41.04	19.38	64.51	100	0	P	H
CH 138		11380	44.05	-29.95	74	53.89	40.3	15.19	65.33	100	0	P	V
5690MHz		17070	49.76	-18.44	68.2	53.85	41.04	19.38	64.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 CDD (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)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		41.61	24.11	-15.89	40	36.72	19.08	0.64	32.33	-	-	P	H
		160.41	28.64	-14.86	43.5	42.79	16.8	1.33	32.28	-	-	P	H
		251.4	30.23	-15.77	46	41.91	18.81	1.71	32.2	-	-	P	H
		354.6	27.34	-18.66	46	36.34	21.12	2.02	32.14	-	-	P	H
		450.5	27.45	-18.55	46	34.35	22.92	2.36	32.18	-	-	P	H
		927.2	32.53	-13.47	46	30.79	29.56	3.44	31.26	100	0	P	H
		42.96	36.95	-3.05	40	50.11	18.52	0.65	32.33	100	0	P	V
		101.28	29.69	-13.81	43.5	44.75	16.2	1.03	32.29	-	-	P	V
		156.09	29.53	-13.97	43.5	43.42	17.08	1.31	32.28	-	-	P	V
		448.4	28.12	-17.88	46	35.06	22.87	2.36	32.17	-	-	P	V
		763.4	28.7	-17.3	46	30.09	27.51	3.16	32.06	-	-	P	V
		965	33.2	-20.8	54	30.48	30.16	3.48	30.92	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Band 1 - 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5145.6	59.62	-14.38	74	47.98	31.72	10.48	30.56	100	292	P	H
		5150	52.32	-1.68	54	40.68	31.72	10.48	30.56	100	292	A	H
	*	5180	110.61	-	-	98.87	31.75	10.55	30.56	100	292	P	H
	*	5180	102.8	-	-	91.06	31.75	10.55	30.56	100	292	A	H
		5144.82	58.15	-15.85	74	46.51	31.72	10.48	30.56	105	195	P	V
		5150	50.36	-3.64	54	38.72	31.72	10.48	30.56	105	195	A	V
	*	5180	107.98	-	-	96.24	31.75	10.55	30.56	105	195	P	V
	*	5180	99.83	-	-	88.09	31.75	10.55	30.56	105	195	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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	44.51	-23.69	68.2	54.98	39.69	15.04	65.2	100	0	P	H
		15540	48.69	-25.31	74	56.31	38.22	18.14	63.98	100	0	P	H
		10360	45.27	-22.93	68.2	55.74	39.69	15.04	65.2	100	0	P	V
		15540	47.33	-26.67	74	54.95	38.22	18.14	63.98	100	0	P	V
802.11n HT20 CH 44 5220MHz		8700	48.79	-19.41	68.2	62.81	37.2	13.82	65.04	100	0	P	H
		10440	48.91	-19.29	68.2	59.27	39.79	15.05	65.2	100	0	P	H
		15660	48.43	-25.57	74	56.48	37.96	18.23	64.24	100	0	P	H
		8700	49.39	-18.81	68.2	63.41	37.2	13.82	65.04	100	0	P	V
		10440	46.36	-21.84	68.2	56.72	39.79	15.05	65.2	100	0	P	V
		15660	49.47	-24.53	74	57.52	37.96	18.23	64.24	100	0	P	V
802.11n HT20 CH 48 5240MHz		8730	46.27	-21.93	68.2	60.25	37.23	13.84	65.05	100	0	P	H
		10480	49.5	-18.7	68.2	59.78	39.87	15.05	65.2	100	0	P	H
		15720	53.87	-20.13	74	62.16	37.81	18.29	64.39	271	32	P	H
		15720	44.63	-9.37	54	52.92	37.81	18.29	64.39	271	32	A	H
		8730	47.95	-20.25	68.2	61.93	37.23	13.84	65.05	100	0	P	V
		10480	47.79	-20.41	68.2	58.07	39.87	15.05	65.2	100	0	P	V
		15720	51.86	-22.14	74	60.15	37.81	18.29	64.39	189	33	P	V
		15720	44.23	-9.77	54	52.52	37.81	18.29	64.39	189	33	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 STBC (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5150	59.26	-14.74	74	47.62	31.72	10.48	30.56	279	324	P	H
		5149.5	53.08	-0.92	54	41.44	31.72	10.48	30.56	279	324	A	H
	*	5190	104.41	-	-	92.68	31.75	10.55	30.57	279	324	P	H
	*	5190	96.94	-	-	85.21	31.75	10.55	30.57	279	324	A	H
		5421.12	51.9	-22.1	74	39.57	31.93	11	30.6	279	324	P	H
		5456.16	43.02	-10.98	54	30.68	31.96	10.98	30.6	279	324	A	H
		5147.42	55.79	-18.21	74	44.15	31.72	10.48	30.56	336	360	P	V
		5149.76	49.68	-4.32	54	38.04	31.72	10.48	30.56	336	360	A	V
	*	5190	101.21	-	-	89.48	31.75	10.55	30.57	336	360	P	V
	*	5190	93.64	-	-	81.91	31.75	10.55	30.57	336	360	A	V
		5393.04	52.95	-21.05	74	40.77	31.91	10.87	30.6	336	360	P	V
		5458.8	42.76	-11.24	54	30.42	31.96	10.98	30.6	336	360	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 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10380	44.14	-24.06	68.2	54.59	39.71	15.04	65.2	100	0	P	H
HT40		15570	42.85	-31.15	74	50.58	38.15	18.17	64.05	100	0	P	H
CH 38		10380	44.21	-23.99	68.2	54.66	39.71	15.04	65.2	100	0	P	V
5190MHz		15570	43.43	-30.57	74	51.16	38.15	18.17	64.05	100	0	P	V
802.11n		10460	46.07	-22.13	68.2	56.4	39.82	15.05	65.2	100	0	P	H
HT40		15690	46.26	-27.74	74	54.44	37.88	18.26	64.32	100	0	P	H
CH 46		10460	45.6	-22.6	68.2	55.93	39.82	15.05	65.2	100	0	P	V
5230MHz		15690	46.22	-27.78	74	54.4	37.88	18.26	64.32	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5141.44	60.23	-13.77	74	48.59	31.72	10.48	30.56	274	323	P	H
		5148.46	53.48	-0.52	54	41.84	31.72	10.48	30.56	274	323	A	H
	*	5210	100.84	-	-	90.13	31.77	9.51	30.57	274	323	P	H
	*	5210	93.51	-	-	82.8	31.77	9.51	30.57	274	323	A	H
802.11ac		5377.2	52.71	-21.29	74	40.67	31.89	10.74	30.59	274	323	P	H
VHT80		5351.04	44.52	-9.48	54	32.63	31.88	10.6	30.59	274	323	A	H
CH 42		5134.42	56.22	-17.78	74	44.62	31.71	10.45	30.56	100	191	P	V
5210MHz		5123.76	49.77	-4.23	54	38.17	31.71	10.45	30.56	100	191	A	V
	*	5210	97.52	-	-	86.81	31.77	9.51	30.57	100	191	P	V
	*	5210	90.71	-	-	80	31.77	9.51	30.57	100	191	A	V
		5427.84	50.59	-23.41	74	38.26	31.93	11	30.6	100	191	P	V
		5388.24	43.11	-10.89	54	30.93	31.91	10.87	30.6	100	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 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	46.2	-22	68.2	56.59	39.77	15.04	65.2	100	0	P	H
VHT80		15630	42.1	-31.9	74	50.08	38	18.22	64.2	100	0	P	H
CH 42		10420	45.31	-22.89	68.2	55.7	39.77	15.04	65.2	100	0	P	V
5210MHz		15630	42.7	-31.3	74	50.68	38	18.22	64.2	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11n HT20 STBC (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)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5320	111.16	-	-	99.57	31.85	10.33	30.59	100	293	P	H
	*	5320	103.07	-	-	91.48	31.85	10.33	30.59	100	293	A	H
802.11n		5350.4	59.46	-14.54	74	47.57	31.88	10.6	30.59	100	293	P	H
HT20		5350.24	53.02	-0.98	54	41.13	31.88	10.6	30.59	100	293	A	H
CH 64	*	5320	107.32	-	-	95.73	31.85	10.33	30.59	102	190	P	V
5320MHz	*	5320	99.18	-	-	87.59	31.85	10.33	30.59	102	190	A	V
		5350.08	57.66	-16.34	74	45.77	31.88	10.6	30.59	102	190	P	V
		5350.24	49.32	-4.68	54	37.43	31.88	10.6	30.59	102	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 HT20 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		8770	45.96	-22.24	68.2	59.88	37.27	13.86	65.05	100	0	P	H
802.11n		10520	49.64	-18.56	68.2	59.87	39.91	15.06	65.2	100	0	P	H
HT20		15780	49.3	-24.7	74	57.79	37.69	18.33	64.51	100	0	P	H
CH 52		8770	47.21	-20.99	68.2	61.13	37.27	13.86	65.05	100	0	P	V
5260MHz		10520	48.45	-19.75	68.2	58.68	39.91	15.06	65.2	100	0	P	V
		15780	48.79	-25.21	74	57.28	37.69	18.33	64.51	100	0	P	V
802.11n		10600	49.72	-24.28	74	59.85	39.98	15.07	65.18	100	0	P	H
HT20		15900	47.95	-26.05	74	56.86	37.43	18.43	64.77	100	0	P	H
CH 60		10600	48.1	-25.9	74	58.23	39.98	15.07	65.18	100	0	P	V
5300MHz		15900	48.73	-25.27	74	57.64	37.43	18.43	64.77	100	0	P	V
802.11n		10640	44.85	-29.15	74	54.93	40.01	15.08	65.17	100	0	P	H
HT20		15960	44.01	-29.99	74	53.17	37.28	18.48	64.92	100	0	P	H
CH 64		10640	43.99	-30.01	74	54.07	40.01	15.08	65.17	100	0	P	V
5320MHz		15960	44.21	-29.79	74	53.37	37.28	18.48	64.92	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 62 5310MHz	*	5310	104.42	-	-	92.82	31.85	10.33	30.58	309	337	P	H
	*	5310	97.17	-	-	85.57	31.85	10.33	30.58	309	337	A	H
		5350.4	61.67	-12.33	74	49.78	31.88	10.6	30.59	309	337	P	H
		5350.56	53.73	-0.27	54	41.84	31.88	10.6	30.59	309	337	A	H
	*	5310	100.04	-	-	88.44	31.85	10.33	30.58	343	0	P	V
	*	5310	93.2	-	-	81.6	31.85	10.33	30.58	343	0	A	V
		5351.36	56.53	-17.47	74	44.64	31.88	10.6	30.59	343	0	P	V
		5350.24	49.78	-4.22	54	37.89	31.88	10.6	30.59	343	0	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 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	45.24	-22.96	68.2	55.44	39.93	15.06	65.19	100	0	P	H
HT40		15810	45.53	-28.47	74	54.13	37.62	18.36	64.58	100	0	P	H
CH 54		10540	44.5	-23.7	68.2	54.7	39.93	15.06	65.19	100	0	P	V
5270MHz		15810	44.39	-29.61	74	52.99	37.62	18.36	64.58	100	0	P	V
802.11n		10620	44.02	-29.98	74	54.13	40	15.07	65.18	100	0	P	H
HT40		15930	41.81	-32.19	74	50.86	37.35	18.45	64.85	100	0	P	H
CH 62		10620	45.12	-28.88	74	55.23	40	15.07	65.18	100	0	P	V
5310MHz		15930	41.51	-32.49	74	50.56	37.35	18.45	64.85	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5143.52	53.69	-20.31	74	42.05	31.72	10.48	30.56	266	324	P	H
		5143.52	45.59	-8.41	54	33.95	31.72	10.48	30.56	266	324	A	H
	*	5290	101.52	-	-	90.22	31.83	10.05	30.58	266	324	P	H
	*	5290	93.43	-	-	82.13	31.83	10.05	30.58	266	324	A	H
		5353.44	61.19	-12.81	74	49.3	31.88	10.6	30.59	266	324	P	H
		5352.48	52.4	-1.6	54	40.51	31.88	10.6	30.59	266	324	A	H
		5070.2	50.99	-23.01	74	39.57	31.65	10.32	30.55	100	194	P	V
		5136.76	44.15	-9.85	54	32.55	31.71	10.45	30.56	100	194	A	V
	*	5290	98.11	-	-	86.81	31.83	10.05	30.58	100	194	P	V
	*	5290	90.39	-	-	79.09	31.83	10.05	30.58	100	194	A	V
		5356.32	55.02	-18.98	74	43.13	31.88	10.6	30.59	100	194	P	V
		5373.6	48.06	-5.94	54	36.02	31.89	10.74	30.59	100	194	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 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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	45.7	-22.5	68.2	55.84	39.97	15.07	65.18	100	0	P	H
		15870	40.32	-33.68	74	49.17	37.47	18.41	64.73	100	0	P	H
		10580	44.53	-23.67	68.2	54.67	39.97	15.07	65.18	100	0	P	V
		15870	40.14	-33.86	74	48.99	37.47	18.41	64.73	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 STBC (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)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5458.96	57.91	-16.09	74	45.57	31.96	10.98	30.6	263	326	P	H
		5466.64	62.17	-6.03	68.2	49.84	31.97	10.97	30.61	263	326	P	H
		5460	50.38	-3.62	54	38.04	31.96	10.98	30.6	263	326	A	H
	*	5506	111.5	-	-	99.16	32	10.95	30.61	263	326	P	H
	*	5506	103.68	-	-	91.34	32	10.95	30.61	263	326	A	H
		5465.2	57.28	-16.72	74	44.95	31.97	10.97	30.61	328	8	P	V
		5469.52	48.83	-5.17	54	36.5	31.97	10.97	30.61	328	8	A	V
	*	5500	106.6	-	-	94.26	32	10.95	30.61	328	8	P	V
	*	5500	98.94	-	-	86.6	32	10.95	30.61	328	8	A	V
802.11n HT20 CH 140 5700MHz	*	5700	112.38	-	-	99.83	32.23	11.02	30.7	314	321	P	H
	*	5700	104.37	-	-	91.82	32.23	11.02	30.7	314	321	A	H
		5725.32	67.61	-0.59	68.2	54.98	32.27	11.07	30.71	314	321	P	H
	*	5700	106.34	-	-	93.79	32.23	11.02	30.7	349	276	P	V
	*	5700	98.18	-	-	85.63	32.23	11.02	30.7	349	276	A	V
		5725.08	62.23	-5.97	68.2	49.6	32.27	11.07	30.71	349	276	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11000	45.32	-28.68	74	54.99	40.3	15.13	65.1	100	0	P	H
HT20		16500	47.04	-21.16	68.2	54.22	39	18.92	65.1	100	0	P	H
CH 100		11000	45.03	-28.97	74	54.7	40.3	15.13	65.1	100	0	P	V
5500MHz		16500	46.44	-21.76	68.2	53.62	39	18.92	65.1	100	0	P	V
802.11n		11160	47.31	-26.69	74	57.05	40.3	15.16	65.2	100	0	P	H
HT20		16740	51.86	-16.34	68.2	57.73	39.87	19.12	64.86	100	0	P	H
CH 116		11160	48.79	-25.21	74	58.53	40.3	15.16	65.2	100	0	P	V
5580MHz		16740	49.31	-18.89	68.2	55.18	39.87	19.12	64.86	100	0	P	V
802.11n		11400	43.97	-30.03	74	53.82	40.3	15.19	65.34	100	0	P	H
HT20		17100	52.83	-15.37	68.2	56.72	41.16	19.41	64.46	100	0	P	H
CH 140		11400	45.34	-28.66	74	55.19	40.3	15.19	65.34	100	0	P	V
5700MHz		17100	50.89	-17.31	68.2	54.78	41.16	19.41	64.46	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5459.2	57.68	-16.32	74	45.34	31.96	10.98	30.6	251	323	P	H
		5466.64	60.23	-7.97	68.2	47.9	31.97	10.97	30.61	251	323	P	H
		5453.68	52.23	-1.77	54	39.89	31.96	10.98	30.6	251	323	A	H
	*	5510	106.35	-	-	94.01	32	10.95	30.61	251	323	P	H
	*	5510	98.22	-	-	85.88	32	10.95	30.61	251	323	A	H
		5764.825	50.41	-17.79	68.2	37.71	32.31	11.13	30.74	251	323	P	H
		5451.76	53.17	-20.83	74	40.83	31.96	10.98	30.6	206	269	P	V
		5467.12	58.72	-9.48	68.2	46.39	31.97	10.97	30.61	206	269	P	V
		5453.68	48.12	-5.88	54	35.78	31.96	10.98	30.6	206	269	A	V
	*	5510	100.83	-	-	88.49	32	10.95	30.61	206	269	P	V
	*	5510	93.26	-	-	80.92	32	10.95	30.61	206	269	A	V
		5733.675	51.96	-16.24	68.2	39.33	32.27	11.07	30.71	206	269	P	V
802.11n HT40 CH 110 5550MHz		5458	59.13	-14.87	74	46.79	31.96	10.98	30.6	252	322	P	H
		5468.8	63.24	-4.96	68.2	50.91	31.97	10.97	30.61	252	322	P	H
		5452.72	53.1	-0.9	54	40.76	31.96	10.98	30.6	252	322	A	H
	*	5550	113.25	-	-	100.9	32.06	10.92	30.63	252	322	P	H
	*	5550	106.14	-	-	93.79	32.06	10.92	30.63	252	322	A	H
		5727.2	52.7	-15.5	68.2	40.07	32.27	11.07	30.71	252	322	P	H
		5459.2	58.08	-15.92	74	45.74	31.96	10.98	30.6	186	229	P	V
		5468.56	56.67	-11.53	68.2	44.34	31.97	10.97	30.61	186	229	P	V
		5459.68	49.66	-4.34	54	37.32	31.96	10.98	30.6	186	229	A	V
	*	5550	108.21	-	-	95.86	32.06	10.92	30.63	186	229	P	V
	*	5550	99.75	-	-	87.4	32.06	10.92	30.63	186	229	A	V
		5753.275	50.37	-17.83	68.2	37.66	32.31	11.13	30.73	186	229	P	V

		5420.08	51.03	-22.97	74	38.7	31.93	11	30.6	252	320	P	H
		5465.44	50.28	-17.92	68.2	37.95	31.97	10.97	30.61	252	320	P	H
		5438.8	43.56	-10.44	54	31.22	31.95	10.99	30.6	252	320	A	H
	*	5670	111.16	-	-	98.64	32.21	11	30.69	252	320	P	H
802.11n	*	5670	103.4	-	-	90.88	32.21	11	30.69	252	320	A	H
HT40		5730.875	67.35	-0.85	68.2	54.72	32.27	11.07	30.71	252	320	P	H
CH 134		5362.24	51.6	-22.4	74	39.56	31.89	10.74	30.59	183	227	P	V
5670MHz		5465.68	50.14	-18.06	68.2	37.81	31.97	10.97	30.61	183	227	P	V
		5459.2	43.08	-10.92	54	30.74	31.96	10.98	30.6	183	227	A	V
	*	5670	106.54	-	-	94.02	32.21	11	30.69	183	227	P	V
	*	5670	98.89	-	-	86.37	32.21	11	30.69	183	227	A	V
		5729.3	60.68	-7.52	68.2	48.05	32.27	11.07	30.71	183	227	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	44.5	-29.5	74	54.18	40.3	15.13	65.11	100	0	P	H
HT40		16530	45.05	-23.15	68.2	52.05	39.12	18.95	65.07	100	0	P	H
CH 102		11020	44.32	-29.68	74	54	40.3	15.13	65.11	100	0	P	V
5510MHz		16530	43.57	-24.63	68.2	50.57	39.12	18.95	65.07	100	0	P	V
802.11n		11100	44.79	-29.21	74	54.5	40.3	15.15	65.16	100	0	P	H
HT40		16650	45.75	-22.45	68.2	52.08	39.56	19.05	64.94	100	0	P	H
CH 110		11100	45.76	-28.24	74	55.47	40.3	15.15	65.16	100	0	P	V
5550MHz		16650	45.5	-22.7	68.2	51.83	39.56	19.05	64.94	100	0	P	V
802.11n		11340	45.69	-28.31	74	55.51	40.3	15.18	65.3	100	0	P	H
HT40		17010	48.34	-19.86	68.2	52.72	40.86	19.34	64.58	100	0	P	H
CH 134		11340	45.66	-28.34	74	55.48	40.3	15.18	65.3	100	0	P	V
5670MHz		17010	46.83	-21.37	68.2	51.21	40.86	19.34	64.58	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	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		5453.68	60.42	-13.58	74	48.08	31.96	10.98	30.6	256	322	P	H
		5464	59.89	-8.31	68.2	47.56	31.97	10.97	30.61	256	322	P	H
		5447.44	52.75	-1.25	54	40.41	31.96	10.98	30.6	256	322	P	H
	*	5530	102.81	-	-	90.47	32.02	10.94	30.62	256	322	P	H
	*	5530	94.85	-	-	82.51	32.02	10.94	30.62	256	322	A	H
		5726.15	52.13	-16.07	68.2	39.5	32.27	11.07	30.71	256	322	P	H
		5437.6	54.45	-19.55	74	42.11	31.95	10.99	30.6	191	232	P	V
		5466.64	55.46	-12.74	68.2	43.13	31.97	10.97	30.61	191	232	P	V
		5442.4	48.23	-5.77	54	35.89	31.95	10.99	30.6	191	232	P	V
	*	5530	98.64	-	-	86.3	32.02	10.94	30.62	191	232	P	V
	*	5530	89.33	-	-	76.99	32.02	10.94	30.62	191	232	A	V
		5727.375	50.6	-17.6	68.2	37.97	32.27	11.07	30.71	191	232	P	V
802.11ac VHT80 CH 122 5610MHz		5458.24	61.23	-12.77	74	48.89	31.96	10.98	30.6	262	325	P	H
		5464.48	61.26	-6.94	68.2	48.93	31.97	10.97	30.61	262	325	P	H
		5443.6	52.73	-1.27	54	40.39	31.95	10.99	30.6	262	325	A	H
	*	5610	108.15	-	-	95.8	32.12	10.89	30.66	262	325	P	H
	*	5610	100.04	-	-	87.69	32.12	10.89	30.66	262	325	A	H
		5728.075	61.84	-6.36	68.2	49.21	32.27	11.07	30.71	262	325	P	H
		5444.08	55.68	-18.32	74	43.34	31.95	10.99	30.6	188	225	P	V
		5462.56	56.18	-12.02	68.2	43.85	31.97	10.97	30.61	188	225	P	V
		5443.84	48.32	-5.68	54	35.98	31.95	10.99	30.6	188	225	A	V
	*	5610	103.45	-	-	91.1	32.12	10.89	30.66	188	225	P	V
	*	5610	95.96	-	-	83.61	32.12	10.89	30.66	188	225	A	V
		5730.875	55.99	-12.21	68.2	43.36	32.27	11.07	30.71	188	225	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 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	45.33	-28.67	74	55.03	40.3	15.14	65.14	100	0	P	H
VHT80		16590	44.59	-23.61	68.2	51.3	39.31	18.99	65.01	100	0	P	H
CH 106		11060	44.73	-29.27	74	54.43	40.3	15.14	65.14	100	0	P	V
5530MHz		16590	45.25	-22.95	68.2	51.96	39.31	18.99	65.01	100	0	P	V
802.11ac		11220	44.18	-29.82	74	53.95	40.3	15.16	65.23	100	0	P	H
VHT80		16830	44.15	-24.05	68.2	49.55	40.18	19.19	64.77	100	0	P	H
CH 122		11220	43.96	-30.04	74	53.73	40.3	15.16	65.23	100	0	P	V
5610MHz		16830	43.33	-24.87	68.2	48.73	40.18	19.19	64.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11440	47.05	-26.95	74	56.91	40.3	15.2	65.36	100	0	P	H
HT20		17160	58.07	-10.13	68.2	61.58	41.4	19.46	64.37	100	0	P	H
CH 144		11440	47.84	-26.16	74	57.7	40.3	15.2	65.36	100	0	P	V
5720MHz		17160	55.05	-13.15	68.2	58.56	41.4	19.46	64.37	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11420	44.6	-29.4	74	54.46	40.3	15.19	65.35	100	0	P	H
HT40		17130	51.81	-16.39	68.2	55.5	41.28	19.44	64.41	100	0	P	H
CH 142		11420	44.84	-29.16	74	54.7	40.3	15.19	65.35	100	0	P	V
5710MHz		17130	50.03	-18.17	68.2	53.72	41.28	19.44	64.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 STBC (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	43.82	-30.18	74	53.66	40.3	15.19	65.33	100	0	P	H
VHT80		17070	49.34	-18.86	68.2	53.43	41.04	19.38	64.51	100	0	P	H
CH 138		11380	44.04	-29.96	74	53.88	40.3	15.19	65.33	100	0	P	V
5690MHz		17070	48.28	-19.92	68.2	52.37	41.04	19.38	64.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 STBC (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)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		85.89	29.5	-10.5	40	46.45	14.36	0.99	32.3	100	0	P	H
		162.84	29.07	-14.43	43.5	43.48	16.53	1.34	32.28	-	-	P	H
		249.24	29.55	-16.45	46	41.43	18.61	1.71	32.2	-	-	P	H
		351.1	28.23	-17.77	46	37.35	21.02	2	32.14	-	-	P	H
		450.5	27.41	-18.59	46	34.31	22.92	2.36	32.18	-	-	P	H
		714.4	29.32	-16.68	46	31.95	26.48	3.03	32.14	-	-	P	H
		47.01	35.77	-4.23	40	51.25	16.1	0.74	32.32	100	10	P	V
		88.59	25.19	-18.31	43.5	41.91	14.58	1	32.3	-	-	P	V
		252.48	24.5	-21.5	46	36.07	18.92	1.71	32.2	-	-	P	V
		451.2	26.76	-19.24	46	33.66	22.92	2.36	32.18	-	-	P	V
		733.3	27.51	-18.49	46	29.57	26.97	3.08	32.11	-	-	P	V
		949.6	32.36	-13.64	46	29.88	30.1	3.44	31.06	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b 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. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

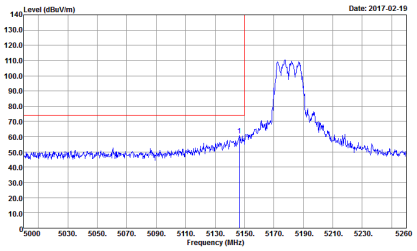
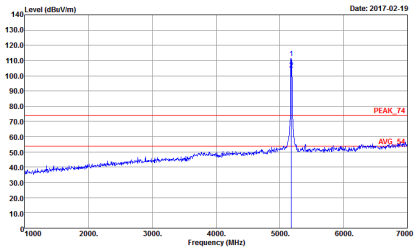
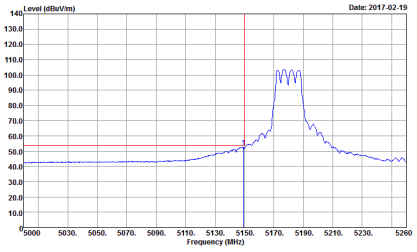
Test Engineer :	Alex Jheng, Bill Chang, and Wilson Wu	**Temperature :**	24~25°C
		Relative Humidity :	44~47%

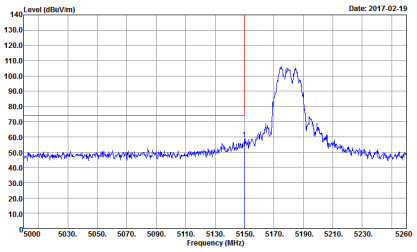
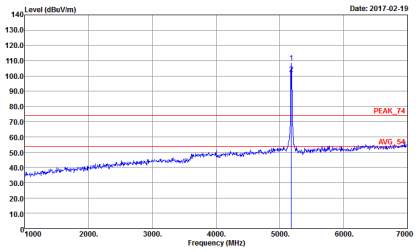
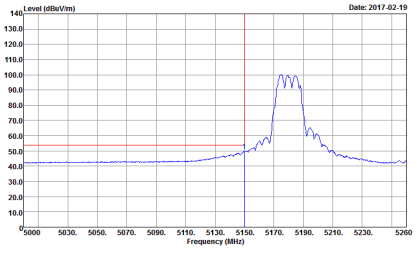
Note symbol

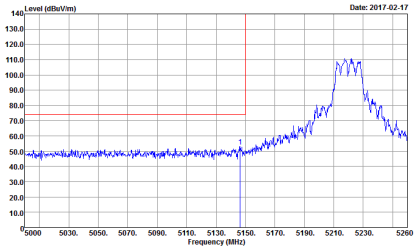
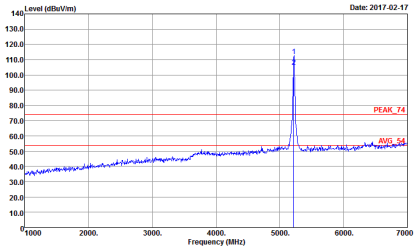
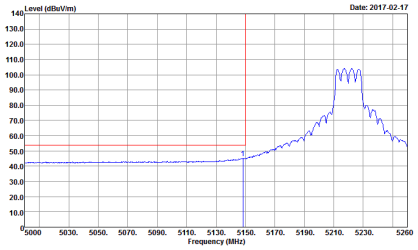
-L	**Low channel location**
-R	**High channel location**

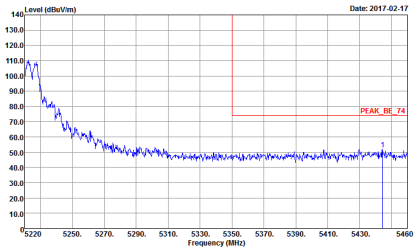
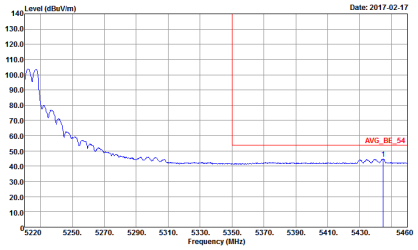
Band 1 - 5150~5250MHz

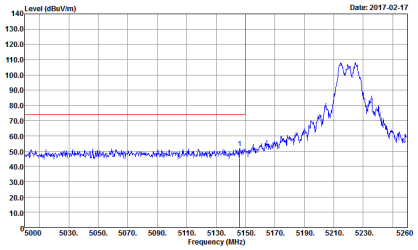
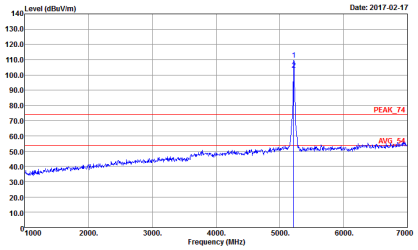
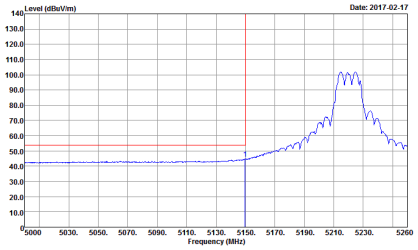
WIFI 802.11a CDD (Band Edge @ 3m)

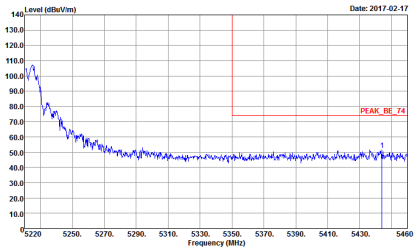
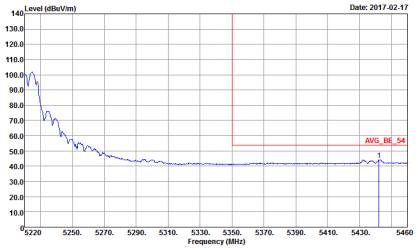
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 1 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 1 Plane : Y With Accessory Power : 18 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 1 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

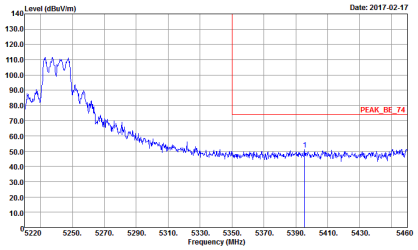
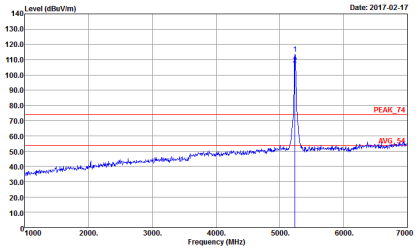
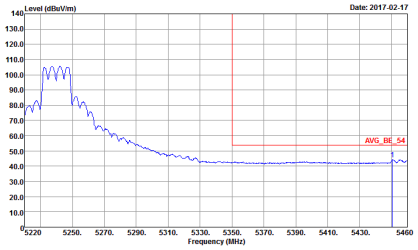
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 1 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 1 Plane : Y With Accessory Power : 18 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 1 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

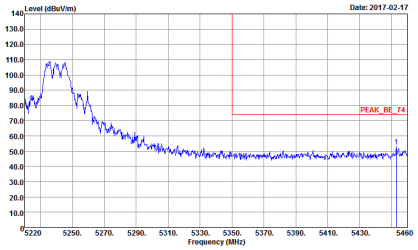
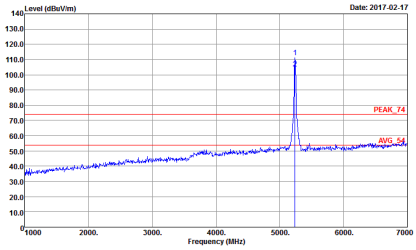
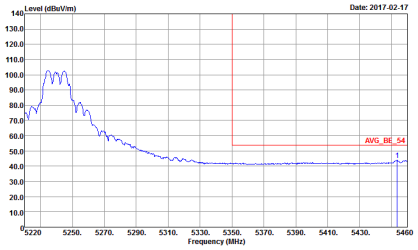
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

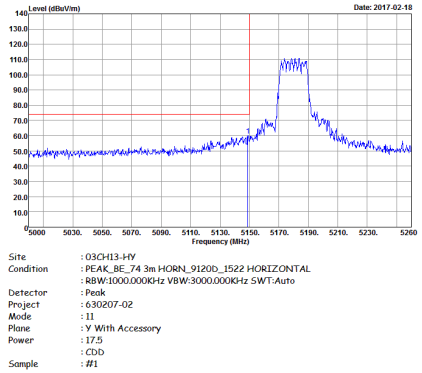
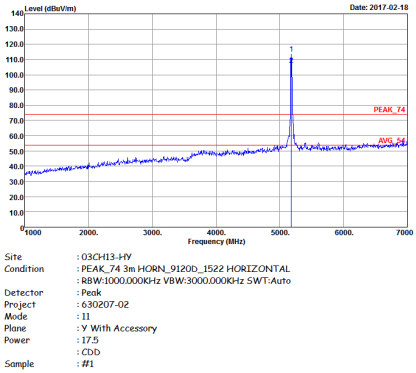
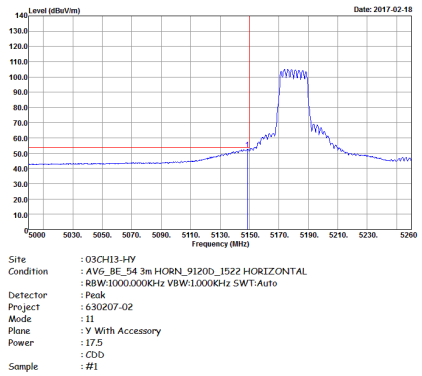
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

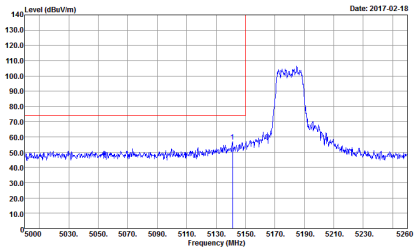
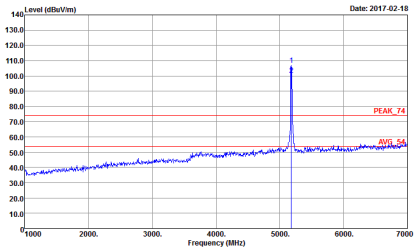
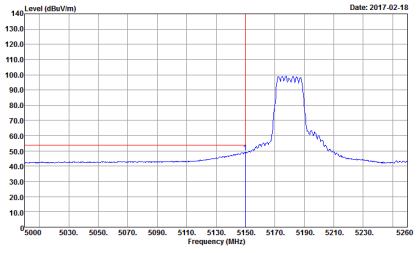
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

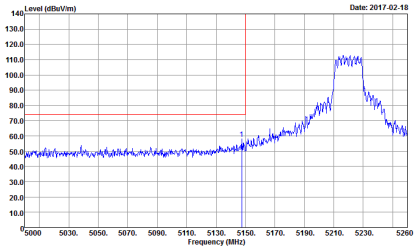
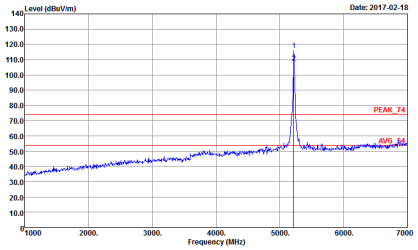
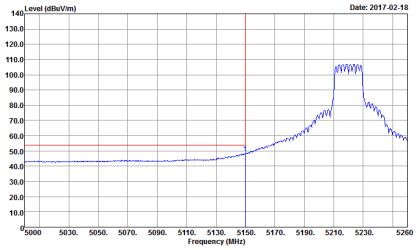
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

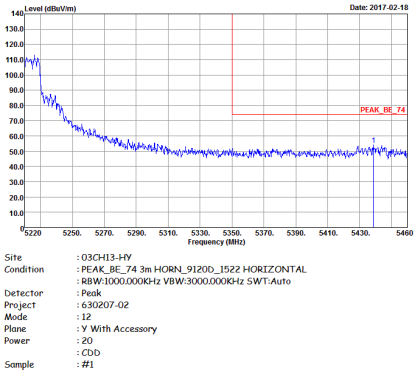
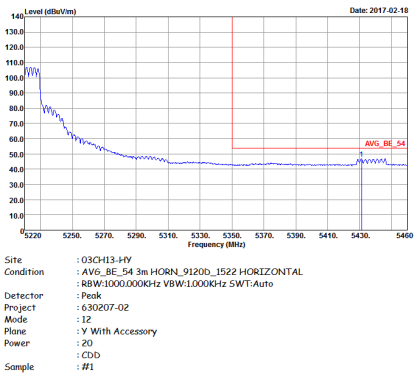
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CDD CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

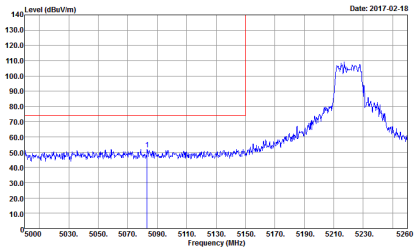
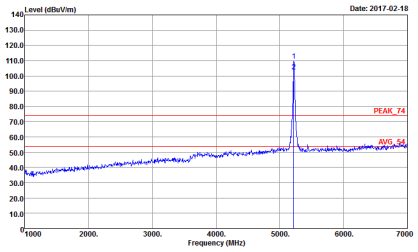
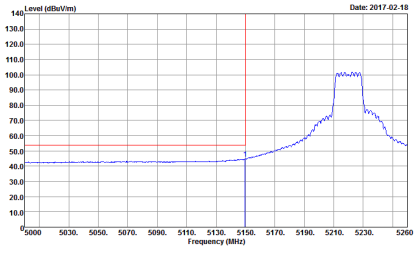
Band 1 5150~5250MHz
WIFI 802.11n HT20 CDD (Band Edge @ 3m)

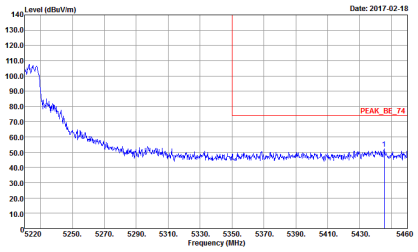
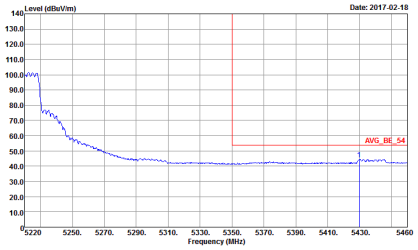
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	Left blank

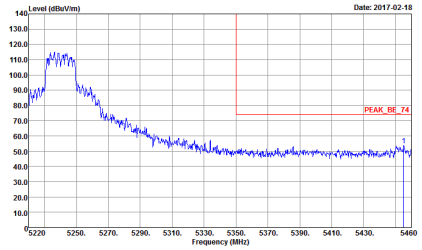
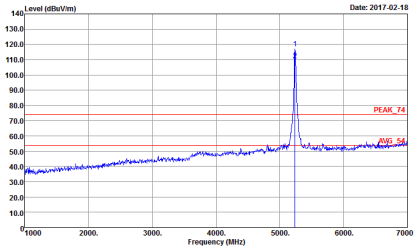
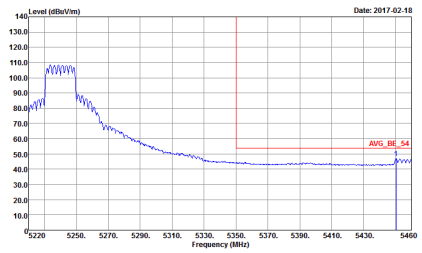
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	Left blank

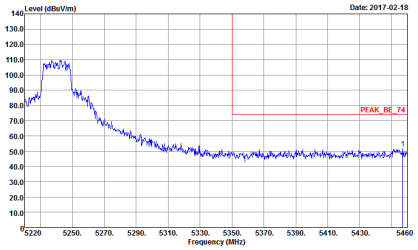
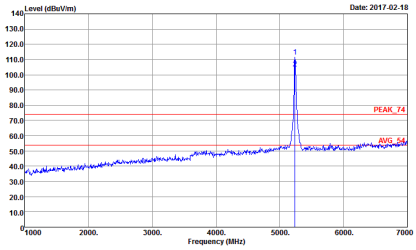
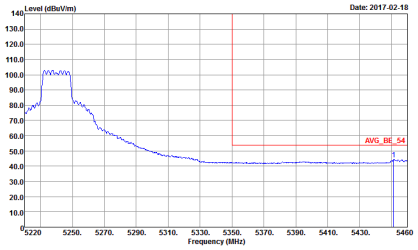
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

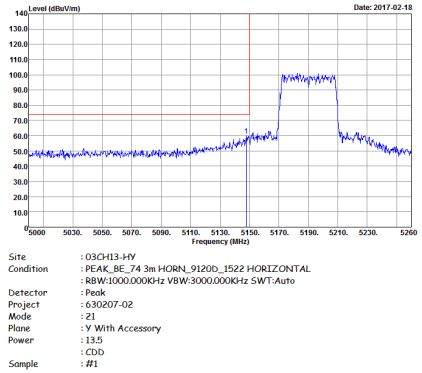
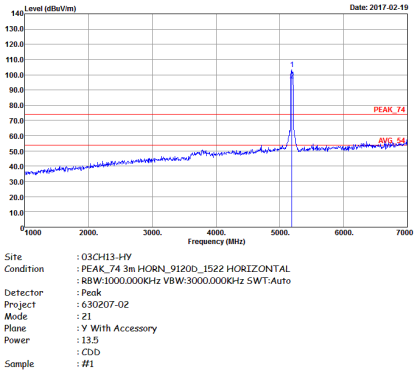
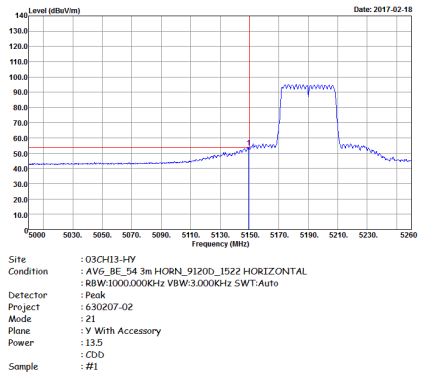
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

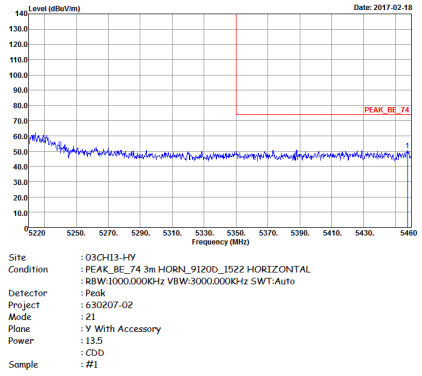
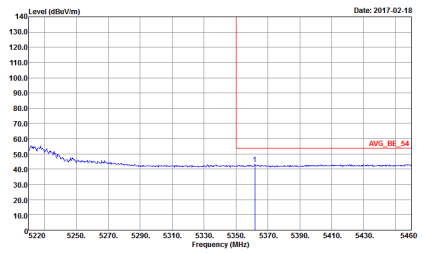
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	Left blank

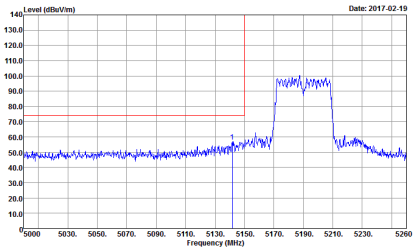
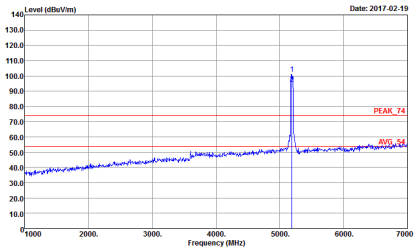
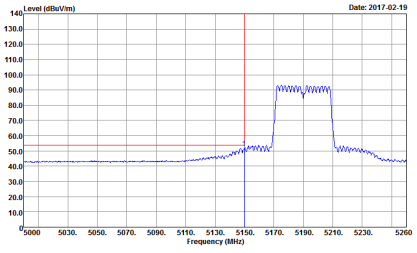
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

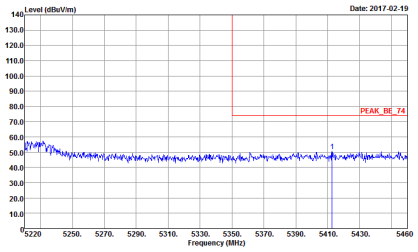
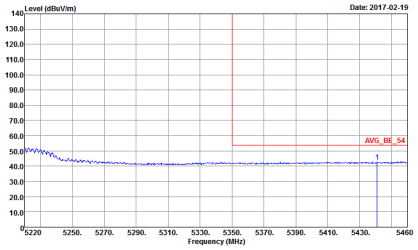
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

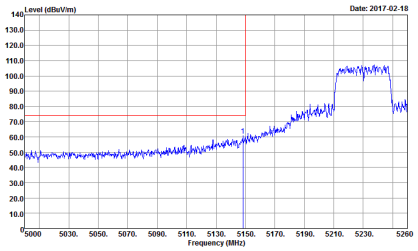
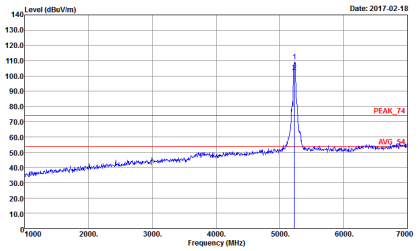
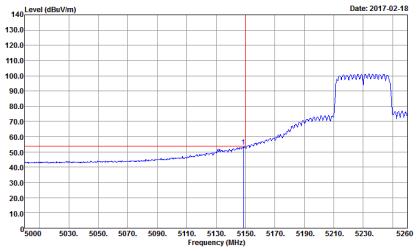
Band 1 5150~5250MHz
WIFI 802.11n HT40 CDD (Band Edge @ 3m)

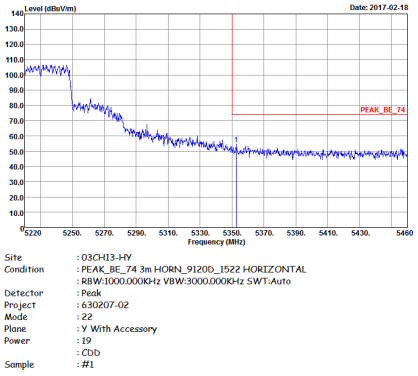
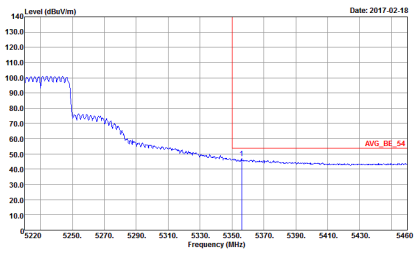
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	Left blank

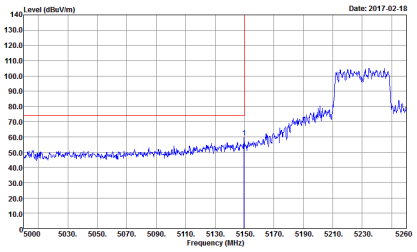
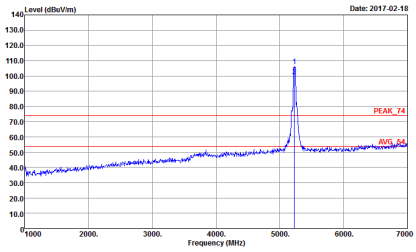
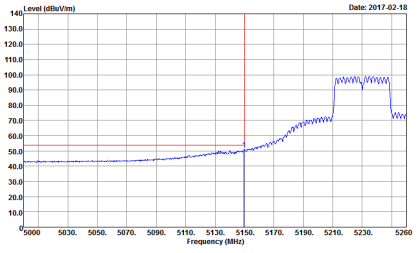
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	Left blank

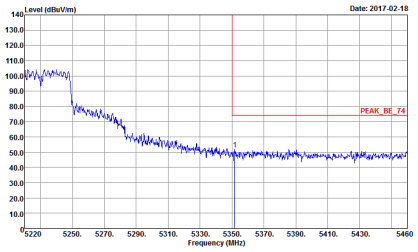
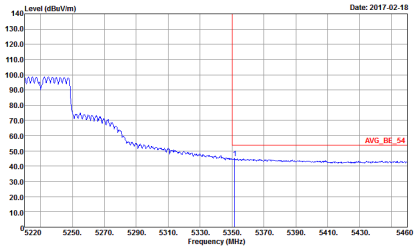
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	Left blank

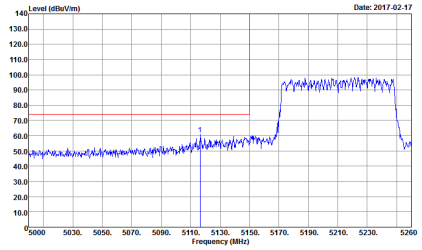
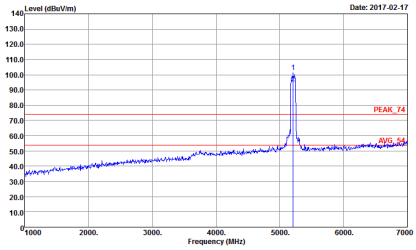
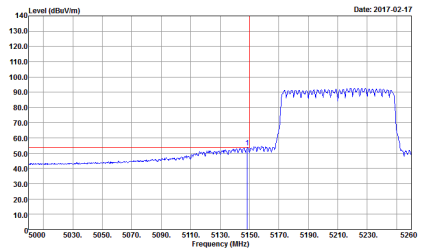
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	Left blank

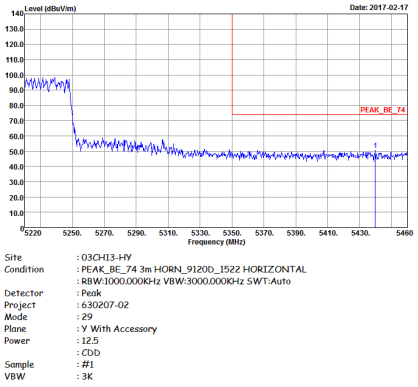
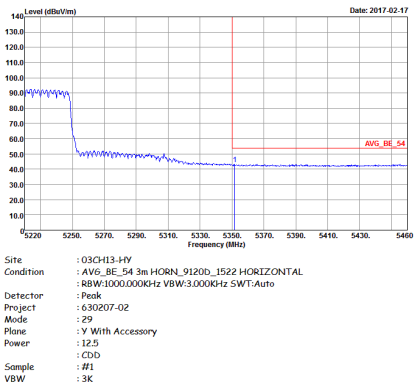
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	Left blank

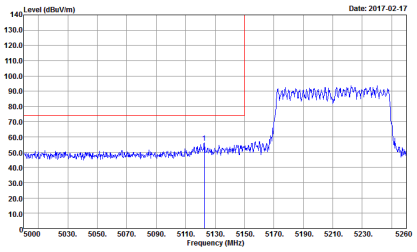
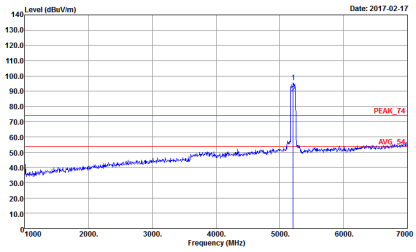
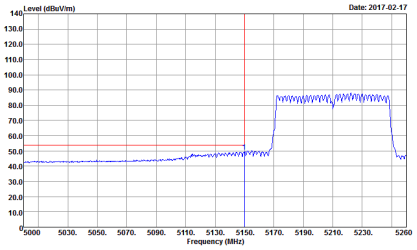
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	Left blank

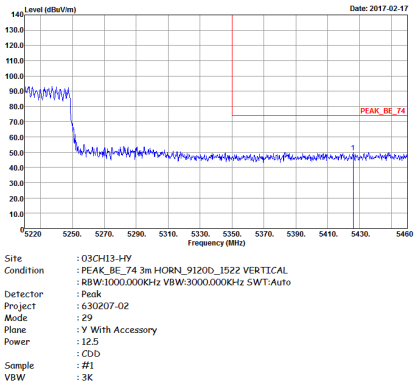
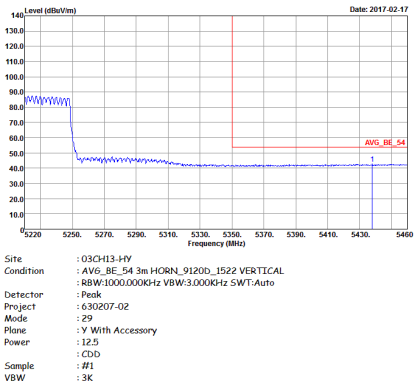
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K	Left blank

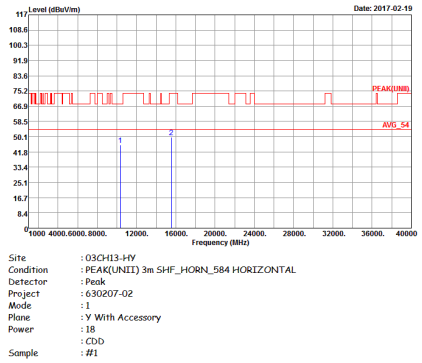
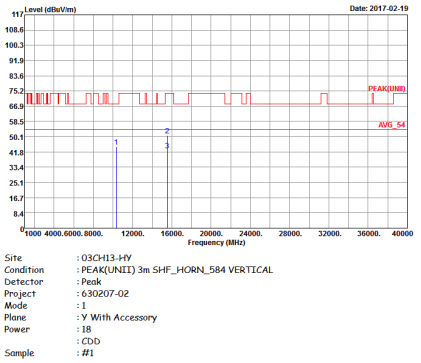
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

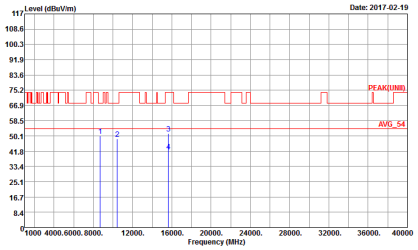
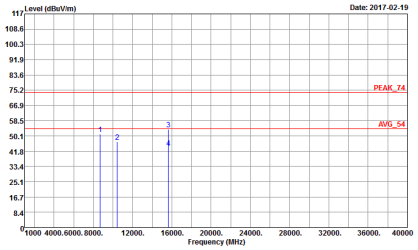
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K	Left blank

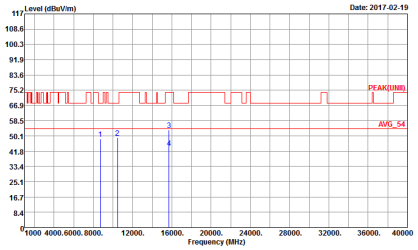
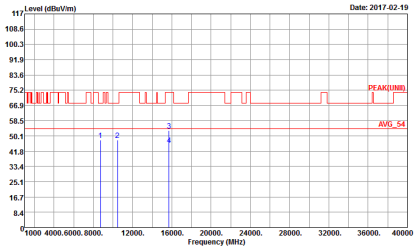
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1 VBW : 3K	Left blank

Band 1 - 5150~5250MHz

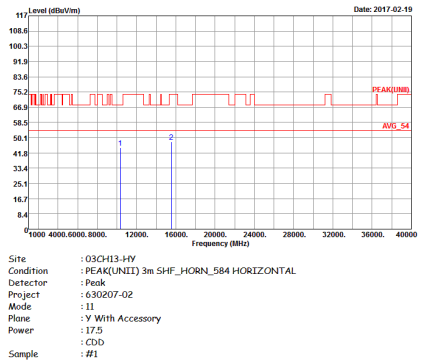
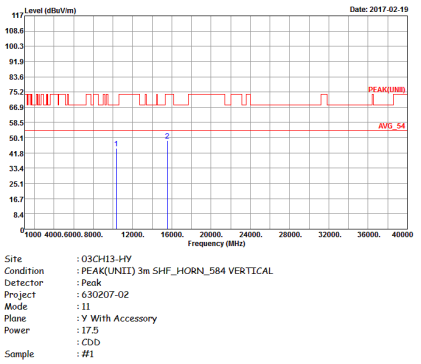
WIFI 802.11a CDD (Harmonic @ 3m)

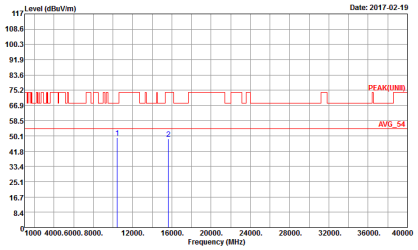
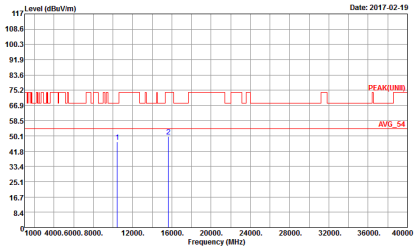
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CDD CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

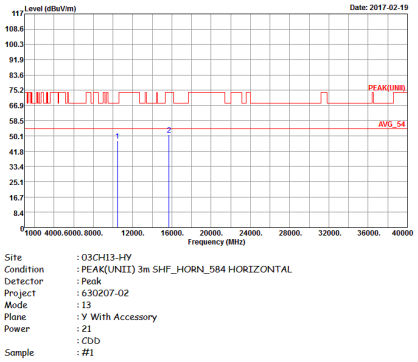
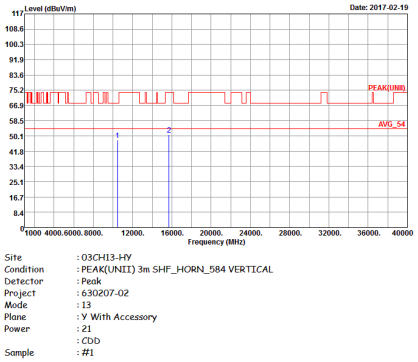
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CDD CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 2 Plane : Y With Accessory Power : 20 : CDD Sample : #1

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CDD CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 3 Plane : Y With Accessory Power : 21 : CDD Sample : #1

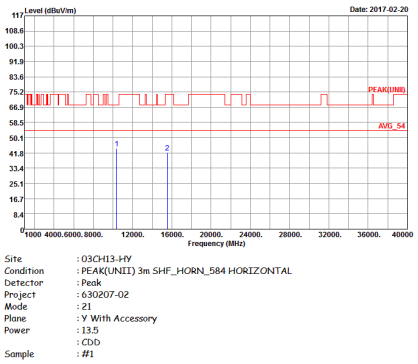
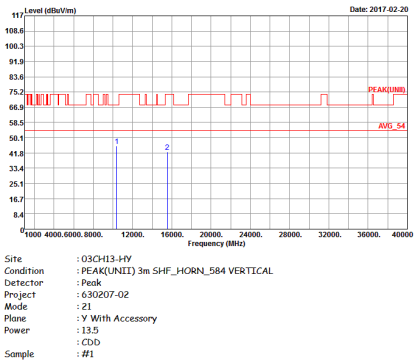
Band 1 5150~5250MHz
WIFI 802.11n HT20 CDD (Harmonic @ 3m)

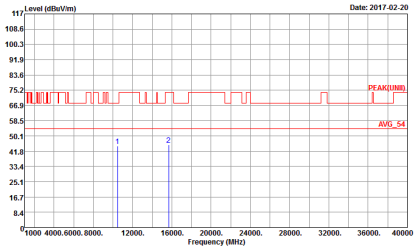
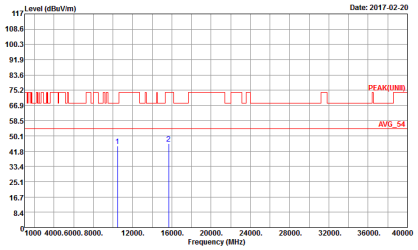
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CDD CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 11 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CDD CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 12 Plane : Y With Accessory Power : 20 : CDD Sample : #1

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CDD CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 13 Plane : Y With Accessory Power : 21 : CDD Sample : #1

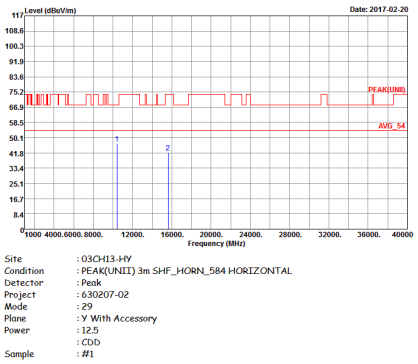
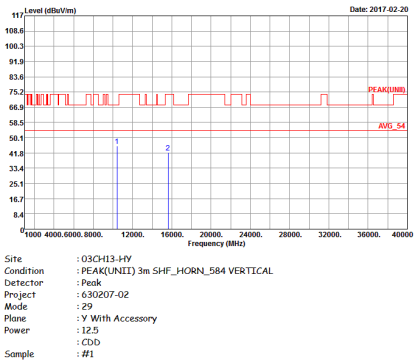
Band 1 5150~5250MHz
WIFI 802.11n HT40 CDD (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CDD CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 21 Plane : Y With Accessory Power : 13.5 : CDD Sample : #1

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CDD CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 22 Plane : Y With Accessory Power : 19 : CDD Sample : #1

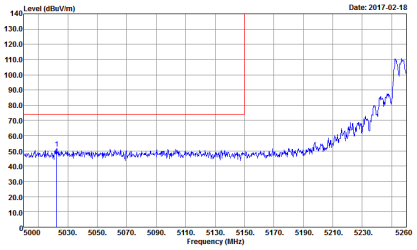
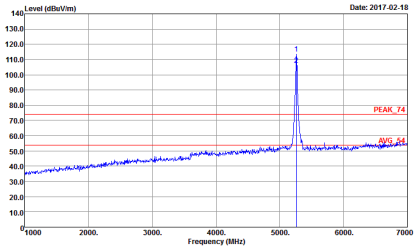
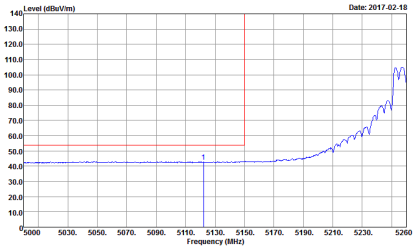
Band 1 5150~5250MHz

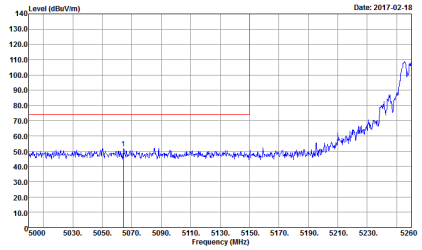
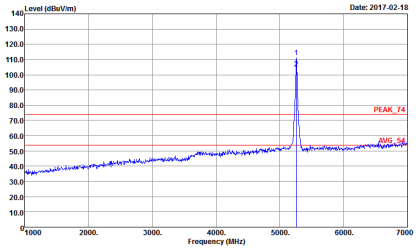
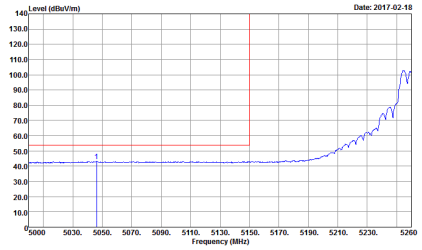
WIFI 802.11ac VHT80 CDD (Harmonic @ 3m)

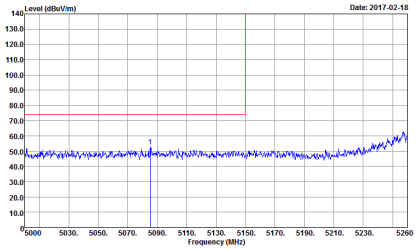
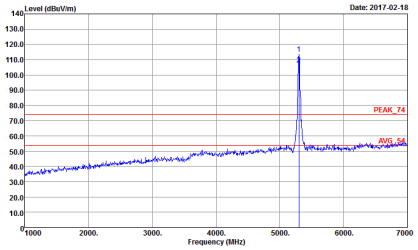
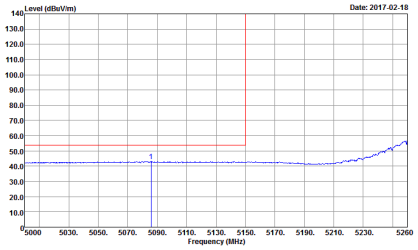
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CDD CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 29 Plane : Y With Accessory Power : 12.5 : CDD Sample : #1

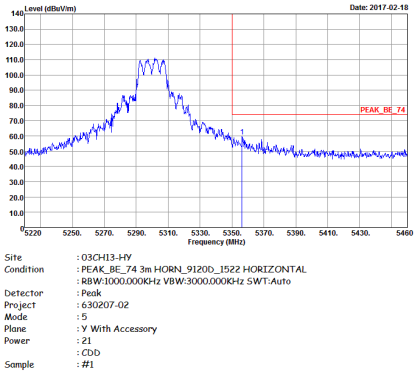
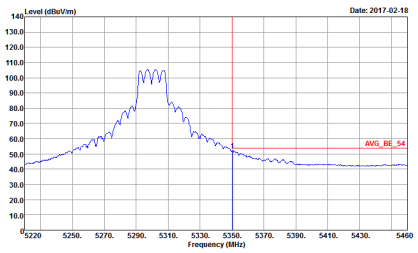
Band 2 - 5250~5350MHz

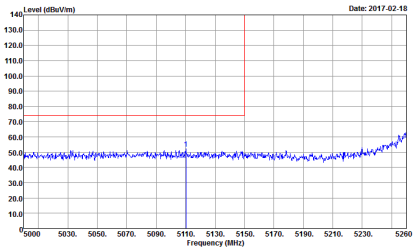
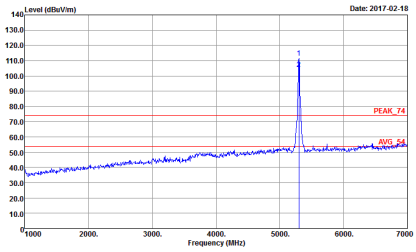
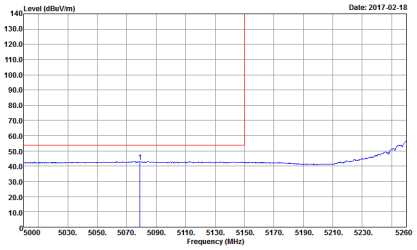
WIFI 802.11a CDD (Band Edge @ 3m)

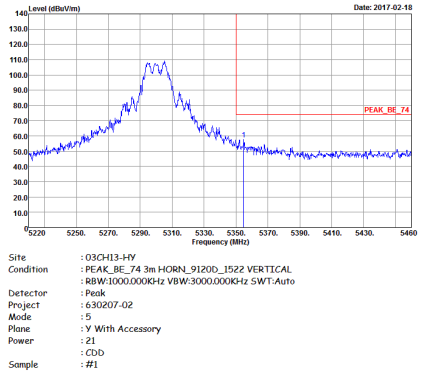
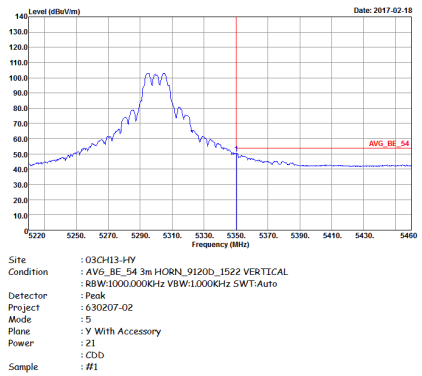
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 4 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 4 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 4 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

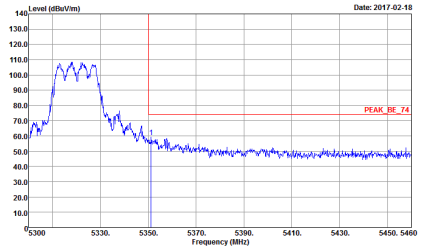
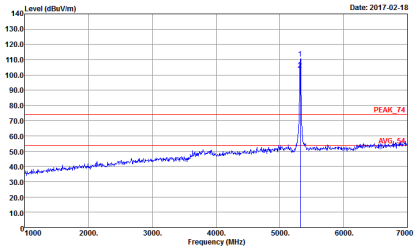
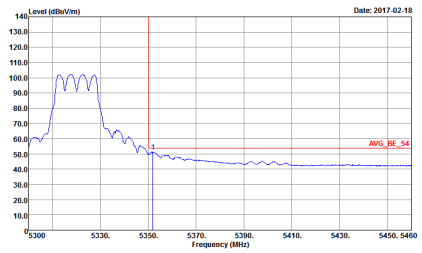
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 4 Plane : Y With Accessory Power : Z1 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 4 Plane : Y With Accessory Power : Z1 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 4 Plane : Y With Accessory Power : Z1 : CDD Sample : #1	Left blank

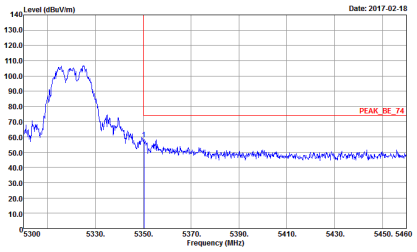
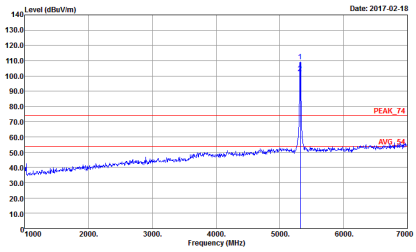
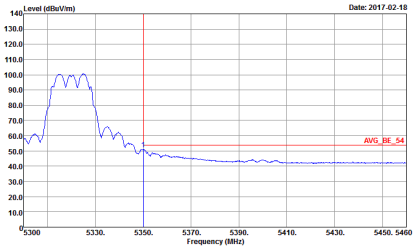
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

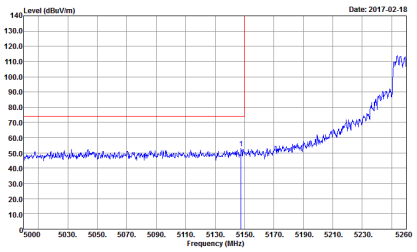
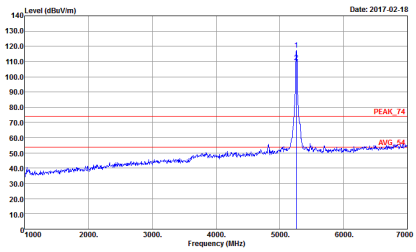
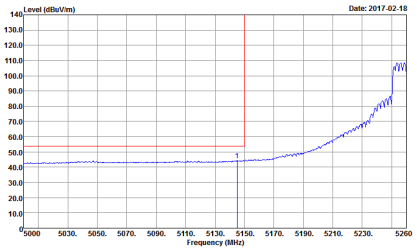
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

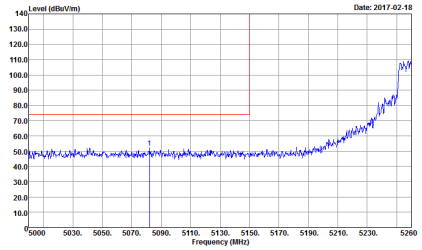
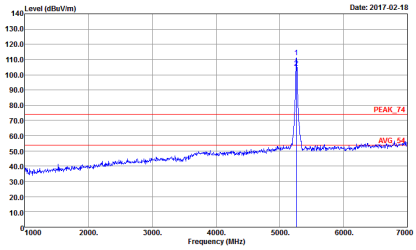
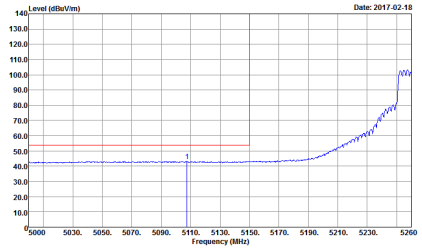
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

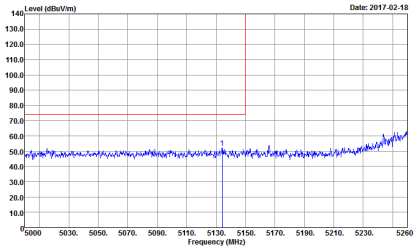
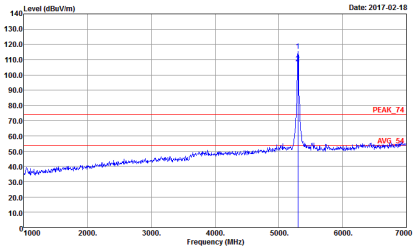
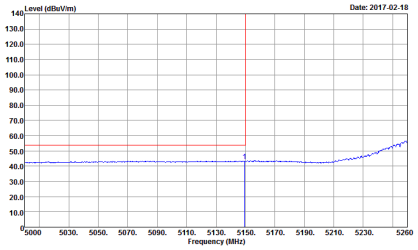
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

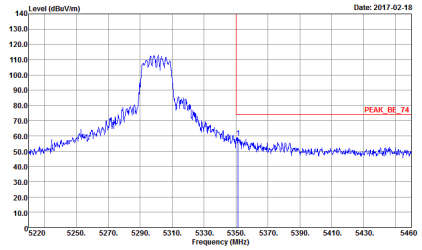
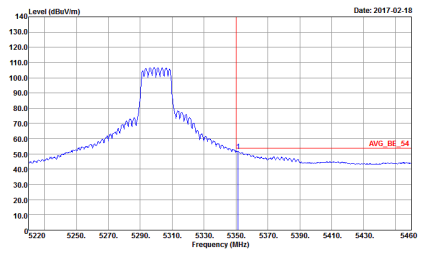
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CDD CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

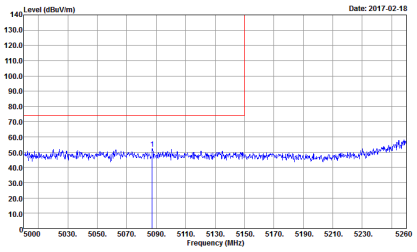
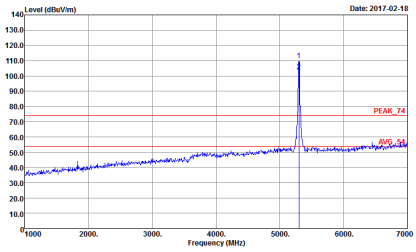
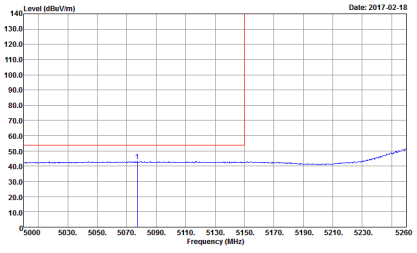
Band 2 5250~5350MHz
WIFI 802.11n HT20 CDD (Band Edge @ 3m)

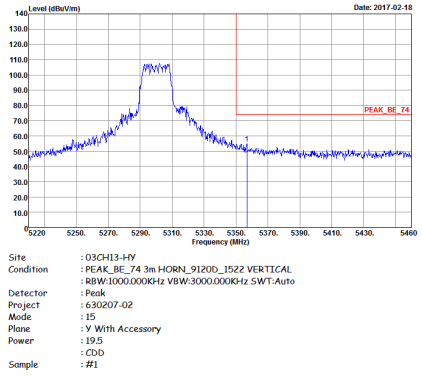
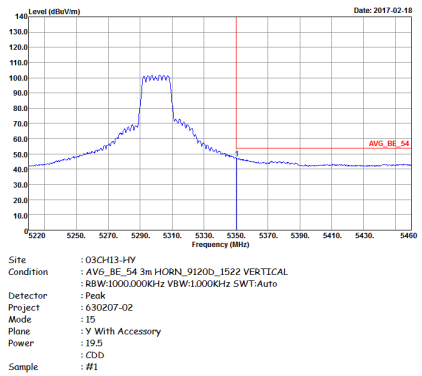
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 14 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 14 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 14 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

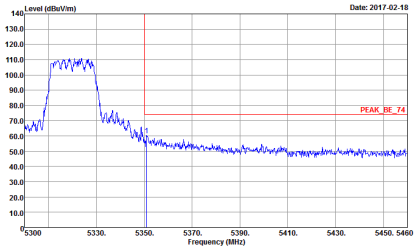
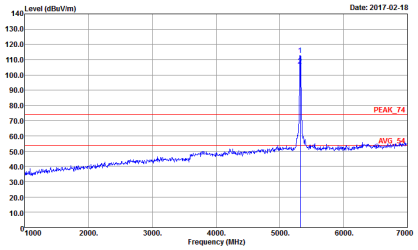
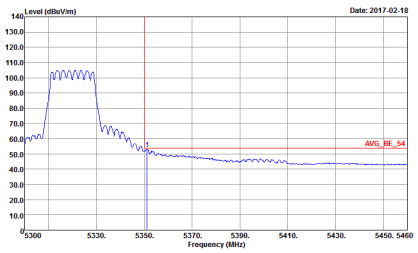
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 14 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 14 Plane : Y With Accessory Power : 21 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 14 Plane : Y With Accessory Power : 21 : CDD Sample : #1	Left blank

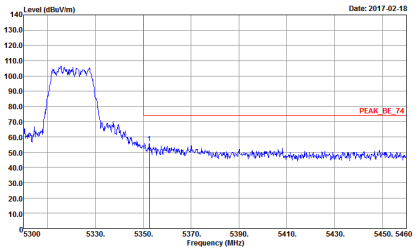
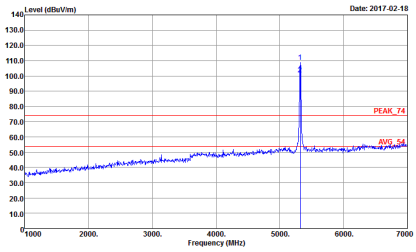
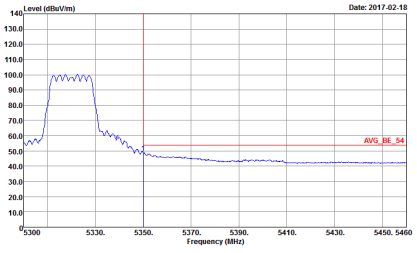
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH60 5300MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	Left blank

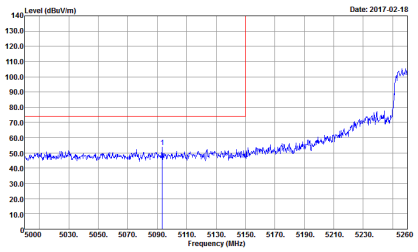
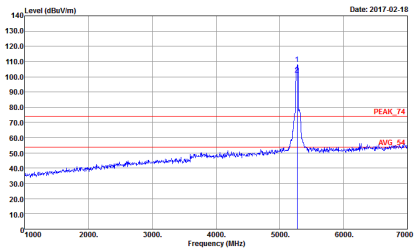
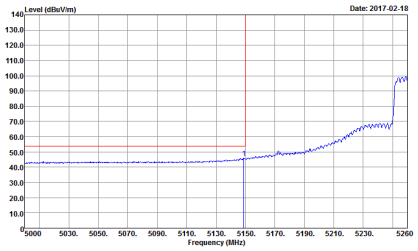
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	Left blank

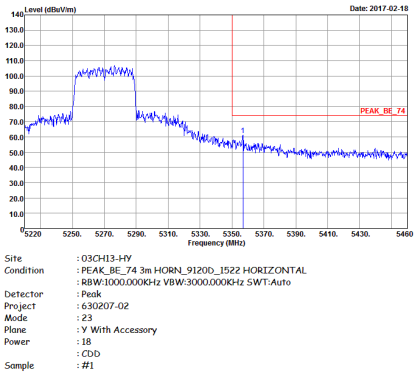
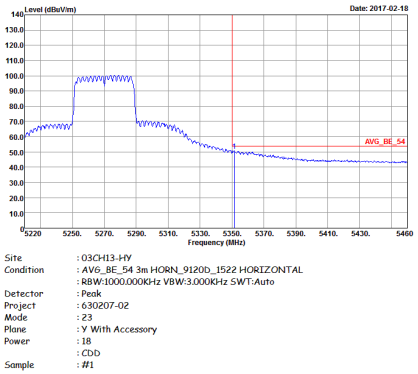
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 15 Plane : Y With Accessory Power : 19.5 : CDD Sample : #1	Left blank

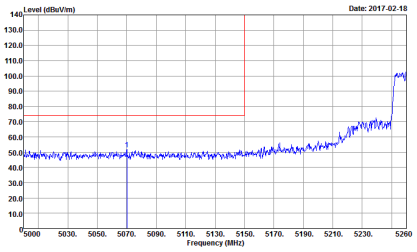
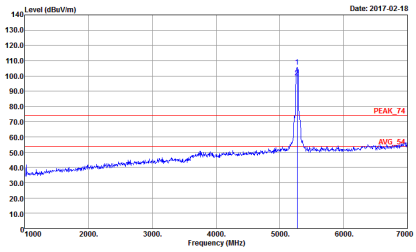
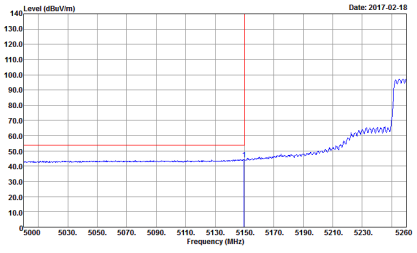
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 16 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 16 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 16 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	Left blank

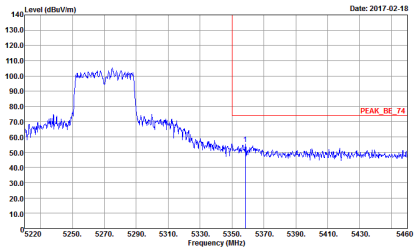
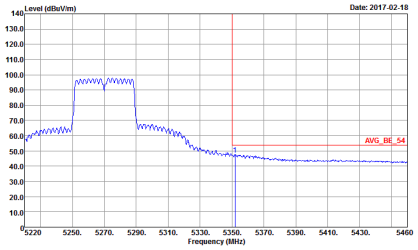
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CDD CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 16 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 16 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 16 Plane : Y With Accessory Power : 17.5 : CDD Sample : #1	Left blank

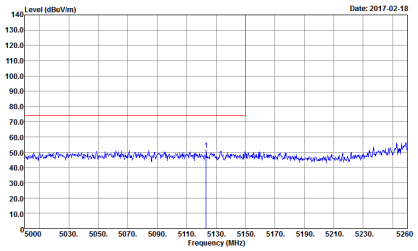
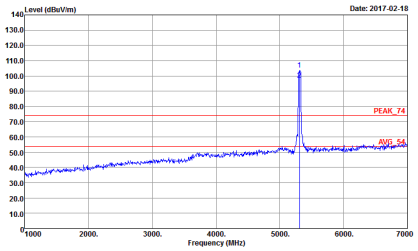
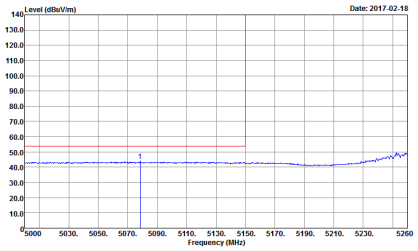
Band 2 5250~5350MHz
WIFI 802.11n HT40 CDD (Band Edge @ 3m)

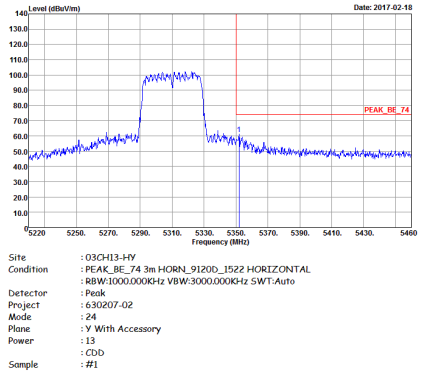
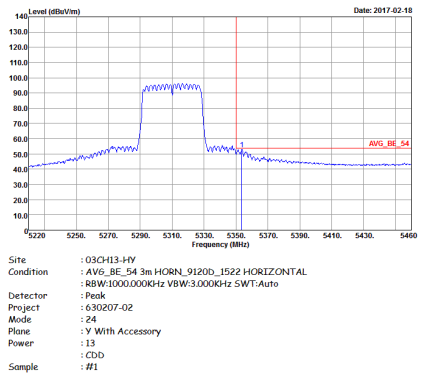
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

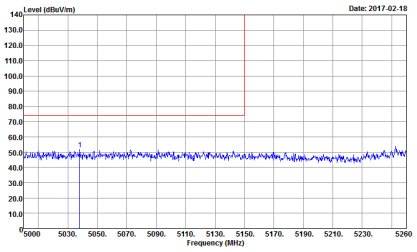
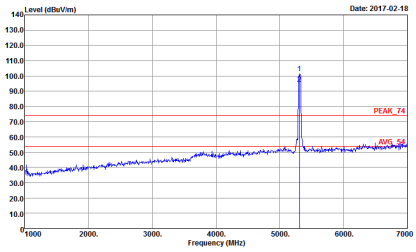
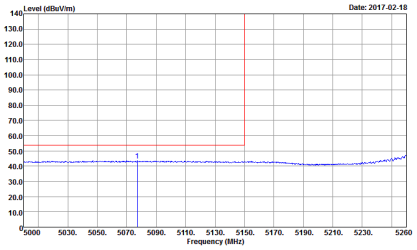
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

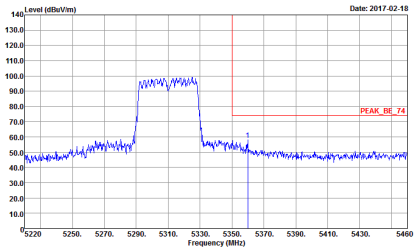
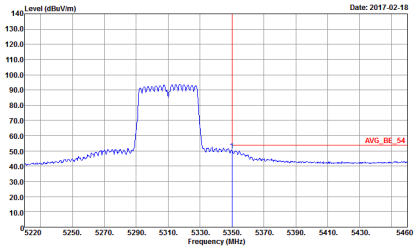
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH54 5270 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH54 5270 - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 23 Plane : Y With Accessory Power : 18 : CDD Sample : #1	Left blank

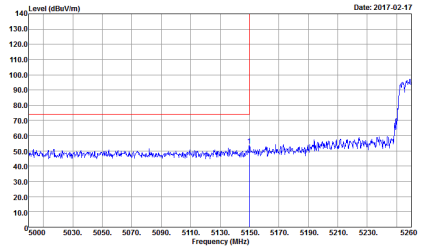
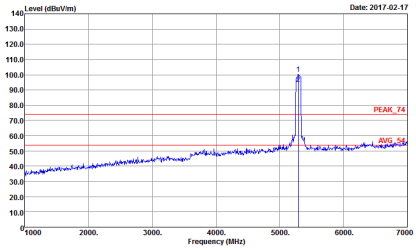
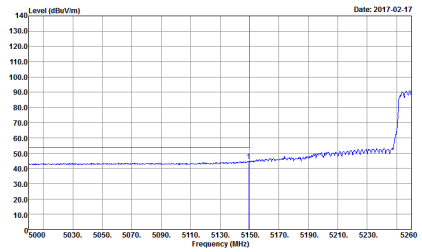
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	Left blank

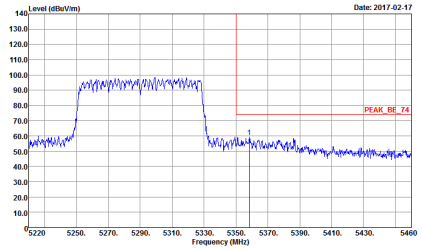
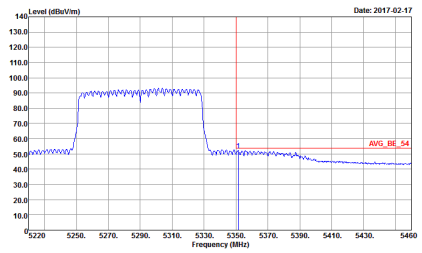
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	Left blank

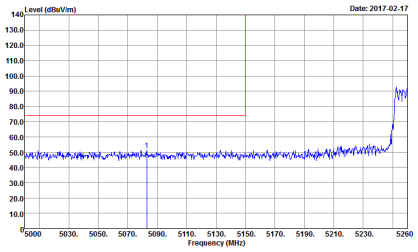
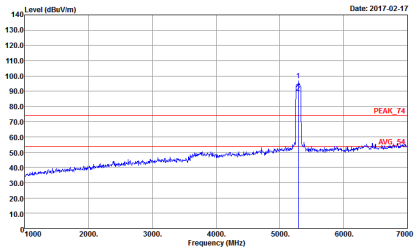
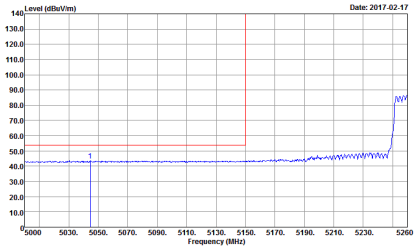
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH62 5310 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	Left blank

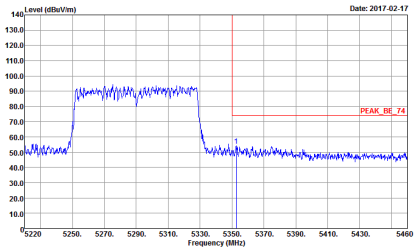
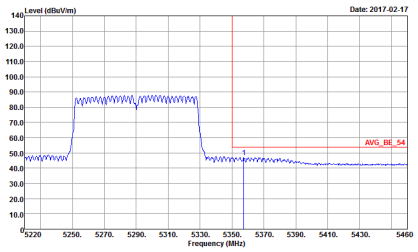
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CDD CH62 5310 - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 24 Plane : Y With Accessory Power : 13 : CDD Sample : #1	Left blank

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH58 5290MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	Left blank

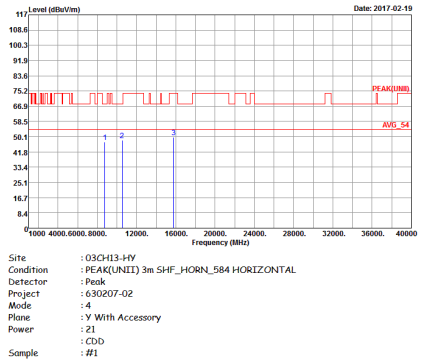
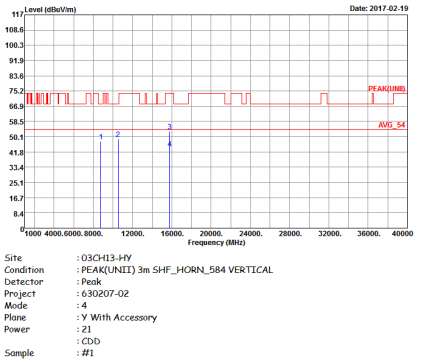
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	Left blank

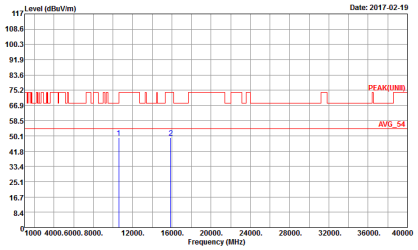
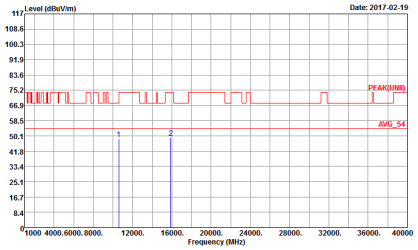
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	Left blank

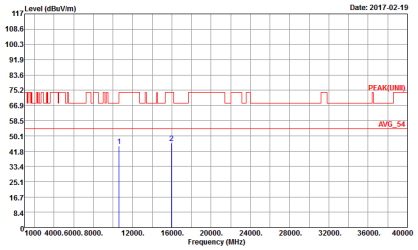
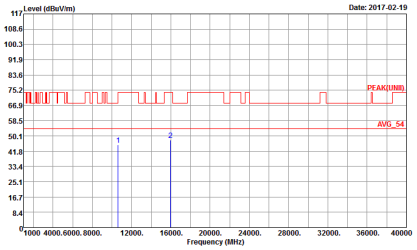
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CDD CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 630207-02 Mode : 30 Plane : Y With Accessory Power : 13 : CDD Sample : #1 VBW : 3K	Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a CDD (Harmonic @ 3m)

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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CDD CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 5 Plane : Y With Accessory Power : 21 : CDD Sample : #1

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CDD CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1	 Site : 03CH13-HY Condition : PEAK(UNII) 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 630207-02 Mode : 6 Plane : Y With Accessory Power : 18 : CDD Sample : #1