FCC RADIO TEST REPORT

FCC ID	:	**MSQZ01QD**
Equipment	:	**ASUS Phone (Mobile Phone)**
Brand Name	:	**ASUS**
Model Name	:	**ASUS_Z01QD**
Applicant	:	**ASUSTeK COMPUTER INC.** **4F, No. 150, LI-TE RD., PEITOU, TAIPEI, TAIWAN**
Manufacturer	:	**Arima Communications (Jiangsu) Co., LTD** **No. 168, Jiao Tong North Road, Wu Jiang, Su Zhou, Jiang Su, PRC.**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on May 24, 2018 and testing was started from Jun. 19, 2018 and completed on Jul. 14, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Jones Tsai

Approved by: Jones Tsai

SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR852405E	01	Initial issue of report	Jul. 25, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 2.11 dB at 5350.320 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 7.98 dB at 0.152 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Reviewed by: Joseph Lin

Report Producer: Maggie Chiang

1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, FM Receiver, NFC, WiGig, and GNSS

Product Specification subjective to this standard	
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/Galileo/BDS: PIFA Antenna NFC: Loop Antenna WiGig: Patch Antenna FM: using earphone as antenna

1.2 Modification of EUT

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

1.3 Testing Location

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

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

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.

1.4 Applicable Standards

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

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

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane for Ant. 1 and Ant. 1+2 and Z plane for Ant. 2) 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

Note:

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

2.2 Test Mode

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

Single Mode

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1: GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + NFC On + X Mode + Aura Sync + Pro Dongle Connect to JEDI (Bottom USB Port) + USB Type A - Port 1_Connect with USB 3.0 Storage Device + USB Type A – Port 2_Connect with USB 3.0 Storage Device + LAN Link + MEPG4 (Color Bar) + Pro Dongle (Charging from Adapter) + Copy Data Port 1 to 2 + SIM 1

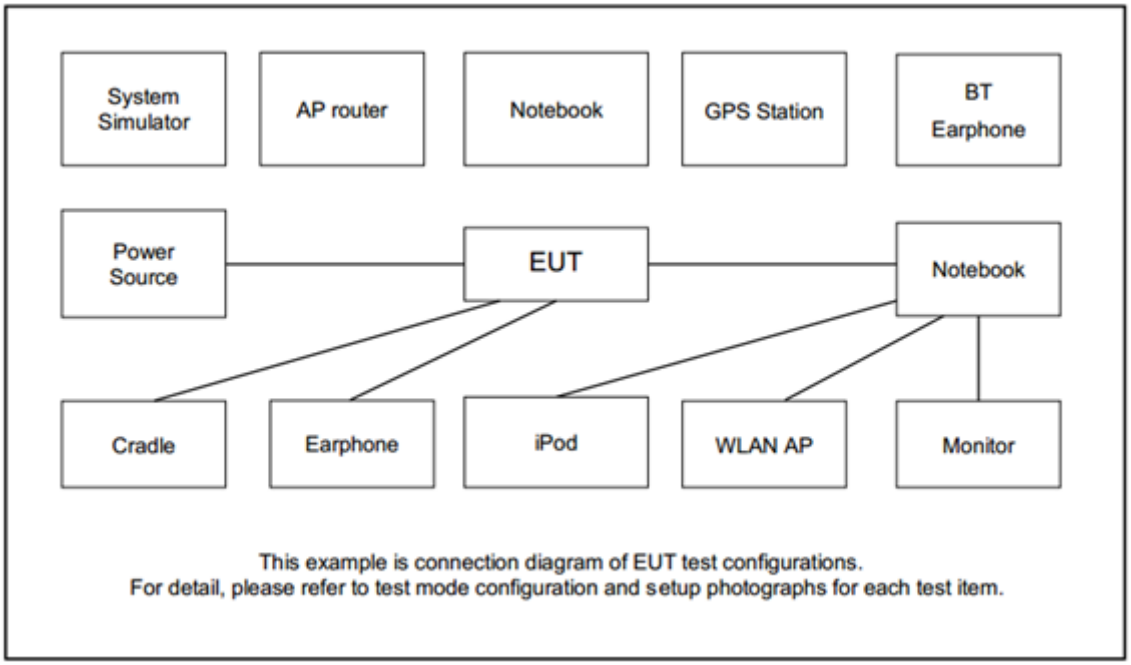
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Notebook	DELL	Latitude 5480	FCC DoC	N/A	N/A
5.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	Unshielded,1.8m
6.	USB 3.0 Flash Drive	Transcend	JetFlash700	FCC DoC	Shielded, 1.0m	N/A
7.	Pro Dongle	ASUS	ADSU001	FCC DoC	Unshielded, 0.63m	N/A
8.	Earphone	ASUS	EA009	N/A	Unshielded 0.84m	N/A

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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.

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

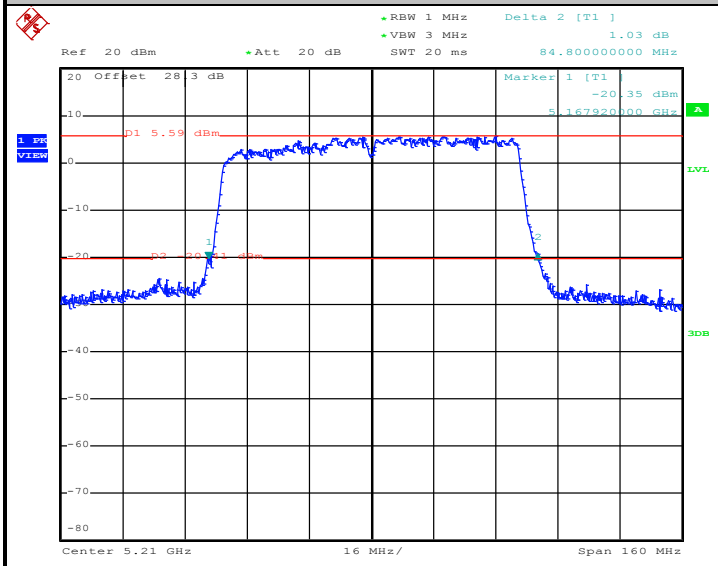
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup

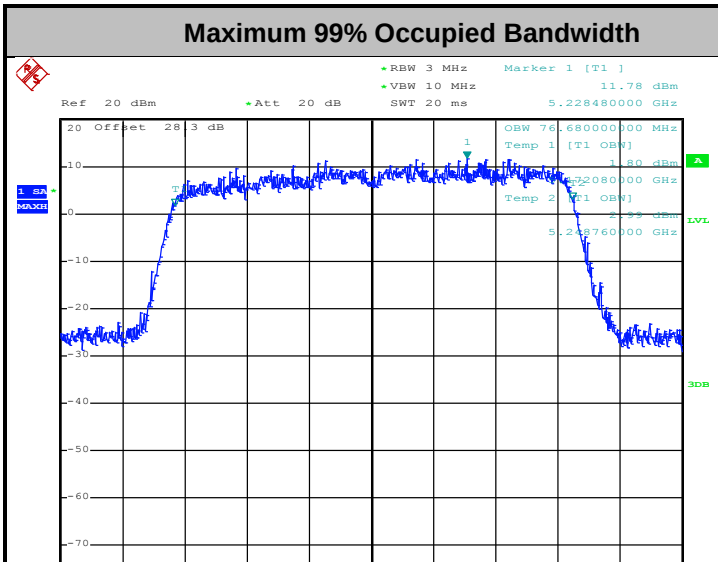
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



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

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

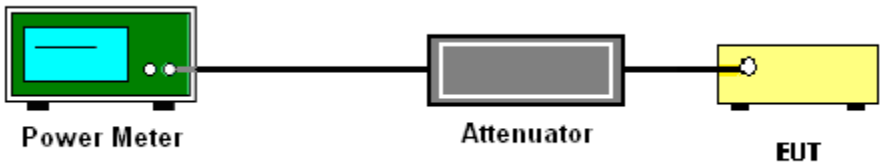
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-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.

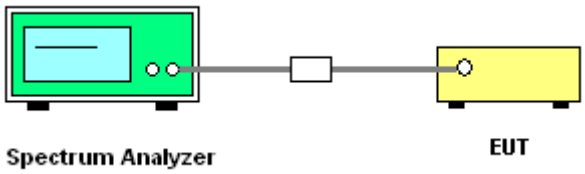
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

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.

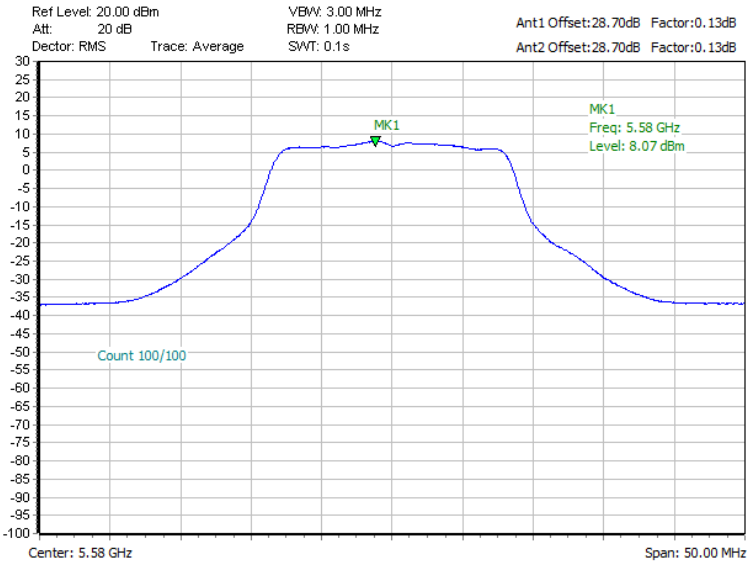
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

   Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

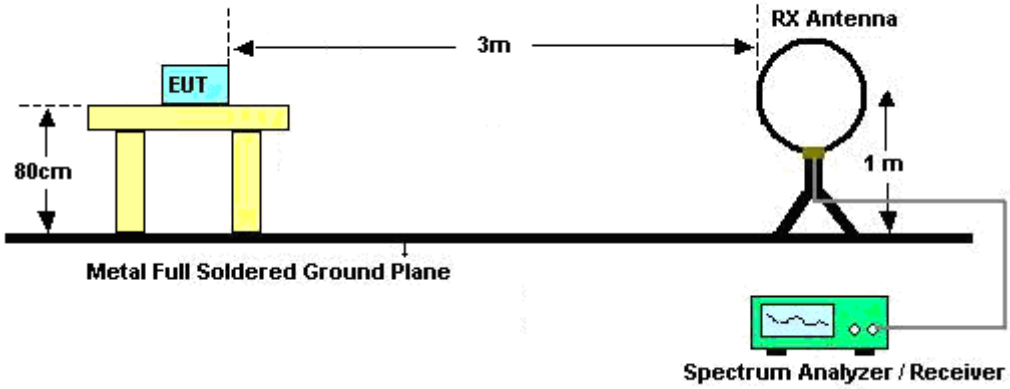
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

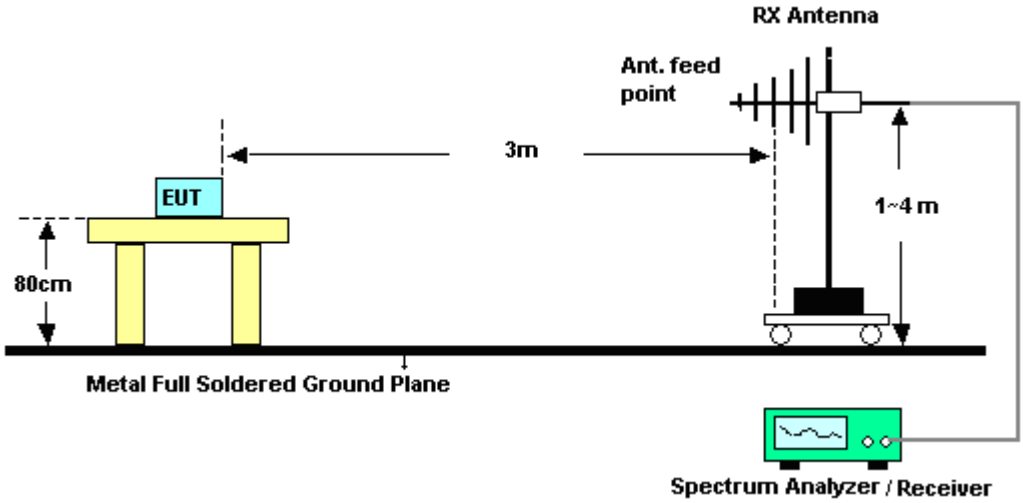
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

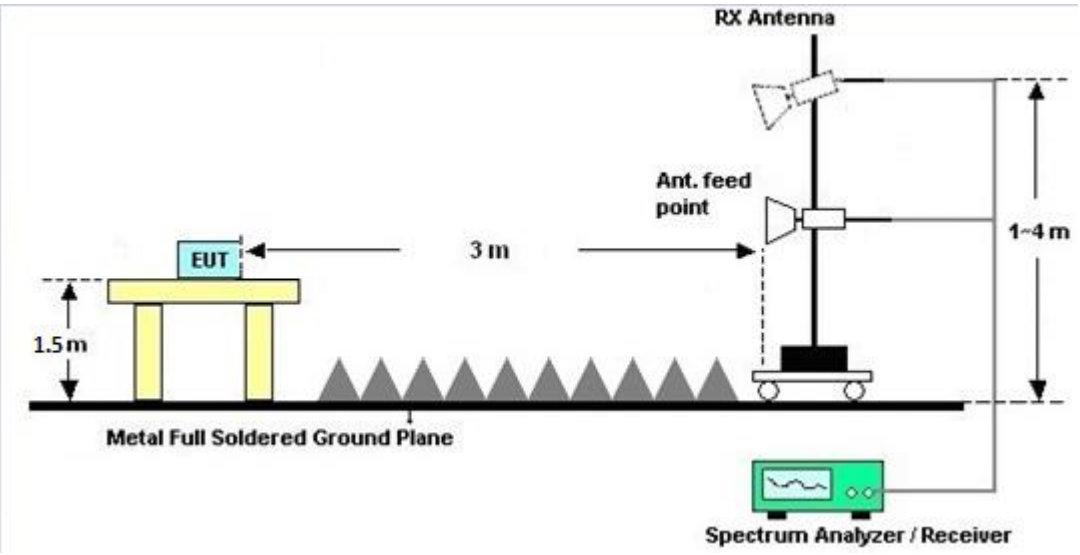
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

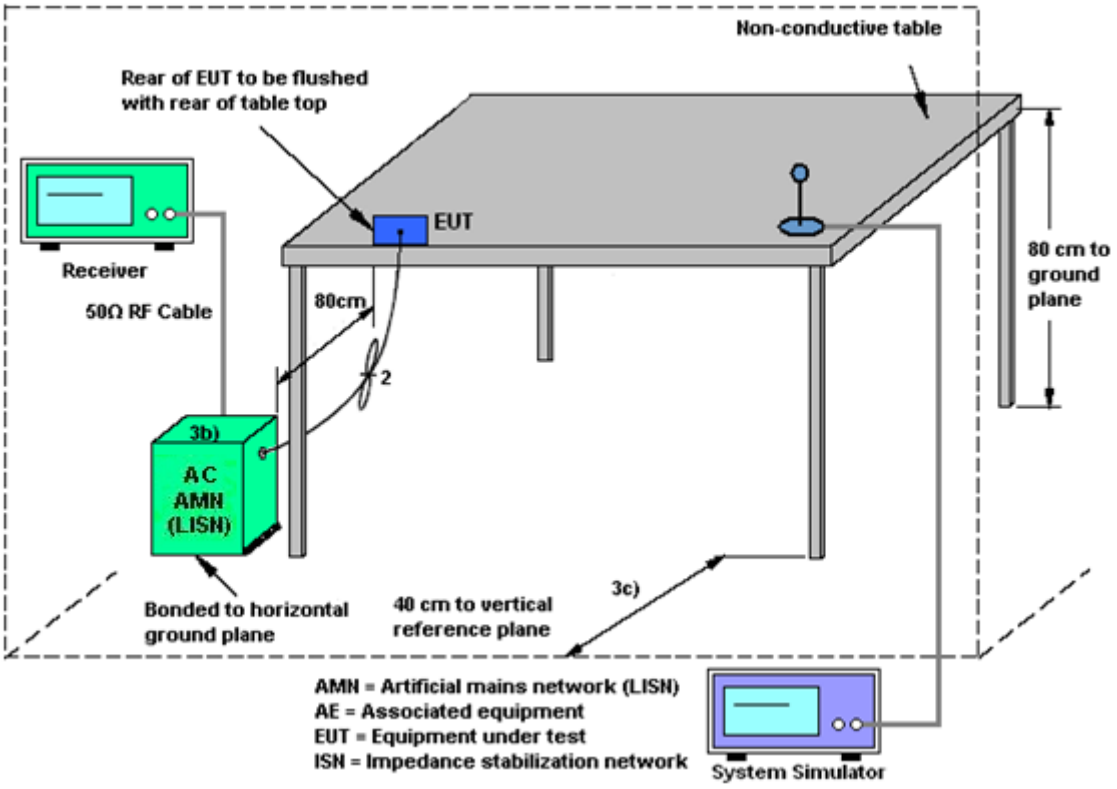
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-1.67	1.74	1.74	3.21	0.00	0.00
Band II	-1.81	1.82	1.82	3.20	0.00	0.00
Band III	-1.96	2.70	2.70	3.69	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	1240001	N/A	Sep. 07, 2017	Jun. 19, 2018~ Jul. 09, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~ 40GHz	Sep. 07, 2017	Jun. 19, 2018~ Jul. 09, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2017	Jun. 19, 2018~ Jul. 09, 2018	Nov. 20, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Jun. 19, 2018~ Jul. 09, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 14, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	3.6GHz	Dec. 08, 2017	Jul. 14, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Jul. 14, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2017	Jul. 14, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jul. 14, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Jul. 14, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Jul. 14, 2018	Jan. 02, 2019	Conduction (CO05-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Nov. 10, 2017	Jul. 04, 2018~ Jul. 12, 2018	Nov. 09, 2018	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 21, 2016	Jul. 04, 2018~ Jul. 12, 2018	Dec. 20, 2018	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	40103&07	30MHz to 1GHz	Jan. 10, 2018	Jul. 04, 2018~ Jul. 12, 2018	Jan. 09, 2019	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jun. 29, 2018	Jul. 04, 2018~ Jul. 12, 2018	Jun. 28, 2019	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 21, 2018	Jul. 04, 2018~ Jul. 12, 2018	May 20, 2019	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Feb. 02, 2018	Jul. 04, 2018~ Jul. 12, 2018	Feb. 01, 2019	Radiation (03CH13-HY)
Signal Generator	Rohde & Schwarz	SMB 100A	105048	9kHz~1.1GHz	May 22, 2018	Jul. 04, 2018~ Jul. 12, 2018	May 21, 2019	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 15, 2018	Jul. 04, 2018~ Jul. 12, 2018	Mar. 14, 2019	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Jul. 04, 2018~ Jul. 12, 2018	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jul. 04, 2018~ Jul. 12, 2018	N/A	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 27, 2017	Jul. 04, 2018~ Jul. 12, 2018	Nov. 26, 2018	Radiation (03CH13-HY)
EMI Test Receiver	Agilent	N9038A (MXE)	MY53290053	20Hz to 26.5GHz	Jan. 16, 2018	Jul. 04, 2018~ Jul. 12, 2018	Jan. 15, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Jan. 22, 2018	Jul. 04, 2018~ Jul. 12, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	335041/4	30M-18G	Jan. 22, 2018	Jul. 04, 2018~ Jul. 12, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30M-18G	Jan. 22, 2018	Jul. 04, 2018~ Jul. 12, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
Software	AUDIX	E3 6.2009-8-24c	RK-001124	N/A	N/A	Jul. 04, 2018~ Jul. 12, 2018	N/A	Radiation (03CH13-HY)
Preamplifier	Jet-Power	JPA00101800-30-10P	1601180001	1GHz~18GHz	Jul. 24, 2017	Jul. 04, 2018~ Jul. 12, 2018	Jul. 23, 2018	Radiation (03CH13-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Jul. 04, 2018~ Jul. 12, 2018	Jul. 17, 2018	Radiation (03CH13-HY)

5 Uncertainty of Evaluation

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

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

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

Test Engineer:	Luffy Lin/Lena Lo	Temperature:	21~25	°C
Test Date:	2018/6/19~2018/7/09	Relative Humidity:	51~54	%

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TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.90	16.95	27.60	25.10	-		22.28	22.29		
11a	6Mbps	1	44	5220	16.95	16.80	25.95	25.90	-		22.29	22.25		
11a	6Mbps	1	48	5240	16.90	16.90	26.40	26.10	-		22.28	22.28		
HT20	MCS0	1	36	5180	18.10	18.05	29.00	28.05	-		22.58	22.56		
HT20	MCS0	1	44	5220	18.10	18.10	28.10	28.45	-		22.58	22.58		
HT20	MCS0	1	48	5240	18.15	18.05	29.05	27.90	-		22.59	22.56		
HT40	MCS0	1	38	5190	36.80	36.50	42.37	41.76	-		23.01	23.01		
HT40	MCS0	1	46	5230	36.70	36.70	42.05	41.76	-		23.01	23.01		
VHT80	MCS0	1	42	5210	76.56	76.68	84.80	83.72	-		23.01	23.01		
11a	6Mbps	2	36	5180	16.70	16.70	24.75	24.20	-		22.23			
11a	6Mbps	2	44	5220	16.75	16.70	24.60	24.50	-		22.23			
11a	6Mbps	2	48	5240	16.70	16.70	24.30	23.70	-		22.23			
HT20	MCS0	2	36	5180	17.95	17.90	25.50	25.35	-		22.53			
HT20	MCS0	2	44	5220	17.90	17.90	25.00	25.00	-		22.53			
HT20	MCS0	2	48	5240	18.00	17.90	25.60	25.05	-		22.53			
HT40	MCS0	2	38	5190	36.70	36.60	42.12	41.90	-		23.01			
HT40	MCS0	2	46	5230	36.60	36.60	41.76	42.12	-		23.01			
VHT80	MCS0	2	42	5210	76.56	76.56	84.48	83.52	-		23.01			

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TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.10	0.10	17.94	17.61		24.00	24.00	-1.67	1.74		Pass
11a	6Mbps	1	44	5220	0.10	0.10	17.90	17.76		24.00	24.00	-1.67	1.74		Pass
11a	6Mbps	1	48	5240	0.10	0.10	17.84	17.95		24.00	24.00	-1.67	1.74		Pass
HT20	MCS0	1	36	5180	0.11	0.11	17.79	17.88		24.00	24.00	-1.67	1.74		Pass
HT20	MCS0	1	44	5220	0.11	0.11	17.76	17.97		24.00	24.00	-1.67	1.74		Pass
HT20	MCS0	1	48	5240	0.11	0.11	17.93	17.93		24.00	24.00	-1.67	1.74		Pass
HT40	MCS0	1	38	5190	0.22	0.23	15.41	16.75		24.00	24.00	-1.67	1.74		Pass
HT40	MCS0	1	46	5230	0.22	0.23	17.85	17.80		24.00	24.00	-1.67	1.74		Pass
VHT20	MCS0	1	36	5180	0.11	0.11	17.78	17.86		24.00	24.00	-1.67	1.74		Pass
VHT20	MCS0	1	44	5220	0.11	0.11	17.75	17.95		24.00	24.00	-1.67	1.74		Pass
VHT20	MCS0	1	48	5240	0.11	0.11	17.91	17.91		24.00	24.00	-1.67	1.74		Pass
VHT40	MCS0	1	38	5190	0.22	0.22	15.38	16.72		24.00	24.00	-1.67	1.74		Pass
VHT40	MCS0	1	46	5230	0.22	0.22	17.83	17.77		24.00	24.00	-1.67	1.74		Pass
VHT80	MCS0	1	42	5210	0.23	0.29	14.70	14.73		24.00	24.00	-1.67	1.74		Pass
11a	6Mbps	2	36	5180	0.13	0.13	14.98	14.94	17.97	24.00		1.74			Pass
11a	6Mbps	2	44	5220	0.13	0.13	15.00	14.97	17.99	24.00		1.74			Pass
11a	6Mbps	2	48	5240	0.13	0.13	14.46	14.77	17.62	24.00		1.74			Pass
HT20	MCS0	2	36	5180	0.11	0.11	14.82	14.82	17.83	24.00		1.74			Pass
HT20	MCS0	2	44	5220	0.11	0.11	14.94	14.89	17.92	24.00		1.74			Pass
HT20	MCS0	2	48	5240	0.11	0.11	14.79	15.13	17.97	24.00		1.74			Pass
HT40	MCS0	2	38	5190	0.18	0.18	14.99	14.94	17.97	24.00		1.74			Pass
HT40	MCS0	2	46	5230	0.18	0.18	14.87	15.07	17.98	24.00		1.74			Pass
VHT20	MCS0	2	36	5180	0.14	0.11	14.82	14.79	17.82	24.00		1.74			Pass
VHT20	MCS0	2	44	5220	0.14	0.11	14.94	14.86	17.91	24.00		1.74			Pass
VHT20	MCS0	2	48	5240	0.14	0.11	14.80	15.10	17.96	24.00		1.74			Pass
VHT40	MCS0	2	38	5190	0.18	0.18	14.97	14.92	17.95	24.00		1.74			Pass
VHT40	MCS0	2	46	5230	0.18	0.18	14.85	15.05	17.96	24.00		1.74			Pass
VHT80	MCS0	2	42	5210	0.23	0.23	11.70	11.65	14.68	24.00		1.74			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.10	0.10	5.99	5.55		11.00	11.00	-1.67	1.74		Pass
11a	6Mbps	1	44	5220	0.10	0.10	6.30	6.01		11.00	11.00	-1.67	1.74		Pass
11a	6Mbps	1	48	5240	0.10	0.10	6.45	6.48		11.00	11.00	-1.67	1.74		Pass
HT20	MCS0	1	36	5180	0.11	0.11	5.84	5.71		11.00	11.00	-1.67	1.74		Pass
HT20	MCS0	1	44	5220	0.11	0.11	6.10	6.24		11.00	11.00	-1.67	1.74		Pass
HT20	MCS0	1	48	5240	0.11	0.11	6.72	6.05		11.00	11.00	-1.67	1.74		Pass
HT40	MCS0	1	38	5190	0.22	0.23	1.19	1.74		11.00	11.00	-1.67	1.74		Pass
HT40	MCS0	1	46	5230	0.22	0.23	3.10	2.78		11.00	11.00	-1.67	1.74		Pass
VHT80	MCS0	1	42	5210	0.23	0.29	-3.05	-2.65		11.00	11.00	-1.67	1.74		Pass
11a	6Mbps	2	36	5180	0.13	0.13			5.91	11.00		3.21			Pass
11a	6Mbps	2	44	5220	0.13	0.13			6.47	11.00		3.21			Pass
11a	6Mbps	2	48	5240	0.13	0.13			6.23	11.00		3.21			Pass
HT20	MCS0	2	36	5180	0.11	0.11			5.64	11.00		3.21			Pass
HT20	MCS0	2	44	5220	0.11	0.11			6.16	11.00		3.21			Pass
HT20	MCS0	2	48	5240	0.11	0.11			6.17	11.00		3.21			Pass
HT40	MCS0	2	38	5190	0.18	0.18			2.68	11.00		3.21			Pass
HT40	MCS0	2	46	5230	0.18	0.18			3.06	11.00		3.21			Pass
VHT80	MCS0	2	42	5210	0.23	0.23			-3.13	11.00		3.21			Pass

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TEST RESULTS DATA
26dB and 99% OBW

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.85	16.80	26.15	25.50	23.27	23.25	29.27	29.25	23.98	23.98	
11a	6Mbps	1	60	5300	16.80	16.80	25.50	25.50	23.25	23.25	29.25	29.25	23.98	23.98	
11a	6Mbps	1	64	5320	16.85	16.90	25.30	25.20	23.27	23.28	29.27	29.28	23.98	23.98	
HT20	MCS0	1	52	5260	18.10	18.05	28.60	26.30	23.58	23.56	29.58	29.56	23.98	23.98	
HT20	MCS0	1	60	5300	18.10	18.00	28.30	26.45	23.58	23.55	29.58	29.55	23.98	23.98	
HT20	MCS0	1	64	5320	18.05	18.00	28.30	26.20	23.56	23.55	29.56	29.55	23.98	23.98	
HT40	MCS0	1	54	5270	36.70	36.60	42.30	41.80	23.98	23.98	30.00	30.00	23.98	23.98	
HT40	MCS0	1	62	5310	36.60	36.70	41.76	41.94	23.98	23.98	30.00	30.00	23.98	23.98	
VHT80	MCS0	1	58	5290	76.56	76.56	83.60	83.60	23.98	23.98	30.00	30.00	23.98	23.98	
11a	6Mbps	2	52	5260	16.75	16.65	24.70	24.55	23.21		29.21		23.98		
11a	6Mbps	2	60	5300	16.70	16.65	24.60	24.60	23.21		29.21		23.98		
11a	6Mbps	2	64	5320	16.70	16.65	24.00	24.50	23.21		29.21		23.98		
HT20	MCS0	2	52	5260	17.90	17.85	25.60	24.90	23.52		29.52		23.98		
HT20	MCS0	2	60	5300	17.95	17.85	25.30	25.10	23.52		29.52		23.98		
HT20	MCS0	2	64	5320	17.95	17.90	25.60	25.35	23.53		29.53		23.98		
HT40	MCS0	2	54	5270	36.70	36.50	42.12	42.12	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.60	36.60	41.95	41.94	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.68	76.68	84.48	83.80	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	1	52	5260	0.10	0.10	17.82	17.91		23.98	23.98	-1.81	1.82	26.99	Pass
11a	6Mbps	1	60	5300	0.10	0.10	17.92	17.96		23.98	23.98	-1.81	1.82	26.99	Pass
11a	6Mbps	1	64	5320	0.10	0.10	17.85	17.95		23.98	23.98	-1.81	1.82	26.99	Pass
HT20	MCS0	1	52	5260	0.11	0.11	17.99	17.82		23.98	23.98	-1.81	1.82	26.99	Pass
HT20	MCS0	1	60	5300	0.11	0.11	17.96	17.86		23.98	23.98	-1.81	1.82	26.99	Pass
HT20	MCS0	1	64	5320	0.11	0.11	17.98	17.98		23.98	23.98	-1.81	1.82	26.99	Pass
HT40	MCS0	1	54	5270	0.22	0.23	17.94	17.81		23.98	23.98	-1.81	1.82	26.99	Pass
HT40	MCS0	1	62	5310	0.22	0.23	16.71	16.74		23.98	23.98	-1.81	1.82	26.99	Pass
VHT20	MCS0	1	52	5260	0.11	0.11	17.97	17.81		23.98	23.98	-1.81	1.82	26.99	Pass
VHT20	MCS0	1	60	5300	0.11	0.11	17.95	17.84		23.98	23.98	-1.81	1.82	26.99	Pass
VHT20	MCS0	1	64	5320	0.11	0.11	17.96	17.96		23.98	23.98	-1.81	1.82	26.99	Pass
VHT40	MCS0	1	54	5270	0.22	0.22	17.92	17.78		23.98	23.98	-1.81	1.82	26.99	Pass
VHT40	MCS0	1	62	5310	0.22	0.22	16.68	16.71		23.98	23.98	-1.81	1.82	26.99	Pass
VHT80	MCS0	1	58	5290	0.23	0.29	14.88	14.98		23.98	23.98	-1.81	1.82	26.99	Pass
11a	6Mbps	2	52	5260	0.13	0.13	14.84	14.94	17.90	23.98		1.82		26.99	Pass
11a	6Mbps	2	60	5300	0.13	0.13	14.88	15.09	17.99	23.98		1.82		26.99	Pass
11a	6Mbps	2	64	5320	0.13	0.13	14.90	14.98	17.95	23.98		1.82		26.99	Pass
HT20	MCS0	2	52	5260	0.11	0.11	14.75	15.05	17.91	23.98		1.82		26.99	Pass
HT20	MCS0	2	60	5300	0.11	0.11	14.84	15.06	17.96	23.98		1.82		26.99	Pass
HT20	MCS0	2	64	5320	0.11	0.11	14.90	15.03	17.97	23.98		1.82		26.99	Pass
HT40	MCS0	2	54	5270	0.18	0.18	14.64	14.98	17.82	23.98		1.82		26.99	Pass
HT40	MCS0	2	62	5310	0.18	0.18	14.49	14.95	17.74	23.98		1.82		26.99	Pass
VHT20	MCS0	2	52	5260	0.14	0.11	14.75	15.02	17.90	23.98		1.82		26.99	Pass
VHT20	MCS0	2	60	5300	0.14	0.11	14.84	15.03	17.95	23.98		1.82		26.99	Pass
VHT20	MCS0	2	64	5320	0.14	0.11	14.90	14.99	17.96	23.98		1.82		26.99	Pass
VHT40	MCS0	2	54	5270	0.18	0.18	14.62	14.96	17.80	23.98		1.82		26.99	Pass
VHT40	MCS0	2	62	5310	0.18	0.18	14.48	14.93	17.72	23.98		1.82		26.99	Pass
VHT80	MCS0	2	58	5290	0.23	0.23	11.77	11.64	14.71	23.98		1.82		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.10	0.10	6.65	6.47		11.00	11.00	-1.81	1.82		Pass
11a	6Mbps	1	60	5300	0.10	0.10	6.67	6.37		11.00	11.00	-1.81	1.82		Pass
11a	6Mbps	1	64	5320	0.10	0.10	6.52	6.30		11.00	11.00	-1.81	1.82		Pass
HT20	MCS0	1	52	5260	0.11	0.11	6.88	6.08		11.00	11.00	-1.81	1.82		Pass
HT20	MCS0	1	60	5300	0.11	0.11	6.82	5.96		11.00	11.00	-1.81	1.82		Pass
HT20	MCS0	1	64	5320	0.11	0.11	6.79	6.07		11.00	11.00	-1.81	1.82		Pass
HT40	MCS0	1	54	5270	0.22	0.23	3.62	3.05		11.00	11.00	-1.81	1.82		Pass
HT40	MCS0	1	62	5310	0.22	0.23	2.51	1.78		11.00	11.00	-1.81	1.82		Pass
VHT80	MCS0	1	58	5290	0.23	0.29	-2.70	-2.32		11.00	11.00	-1.81	1.82		Pass
11a	6Mbps	2	52	5260	0.13	0.13			6.80	11.00		3.20			Pass
11a	6Mbps	2	60	5300	0.13	0.13			6.71	11.00		3.20			Pass
11a	6Mbps	2	64	5320	0.13	0.13			6.58	11.00		3.20			Pass
HT20	MCS0	2	52	5260	0.11	0.11			6.46	11.00		3.20			Pass
HT20	MCS0	2	60	5300	0.11	0.11			6.35	11.00		3.20			Pass
HT20	MCS0	2	64	5320	0.11	0.11			6.17	11.00		3.20			Pass
HT40	MCS0	2	54	5270	0.18	0.18			2.97	11.00		3.20			Pass
HT40	MCS0	2	62	5310	0.18	0.18			3.11	11.00		3.20			Pass
VHT80	MCS0	2	58	5290	0.23	0.23			-2.64	11.00		3.20			Pass

Report Number : FR852405E

TEST RESULTS DATA
26dB and 99% OBW

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.80	16.70	25.40	24.90	23.25	23.23	29.25	29.23	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.80	16.70	25.90	25.35	23.25	23.23	29.25	29.23	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.90	16.70	26.10	25.00	23.28	23.23	29.28	29.23	23.98	23.98	----	----
HT20	MCS0	1	100	5500	18.05	17.90	28.25	26.00	23.56	23.53	29.56	29.53	23.98	23.98	----	----
HT20	MCS0	1	116	5580	18.10	17.95	28.70	25.70	23.58	23.54	29.58	29.54	23.98	23.98	----	----
HT20	MCS0	1	140	5700	18.10	17.95	28.70	26.80	23.58	23.54	29.58	29.54	23.98	23.98	----	----
HT40	MCS0	1	102	5510	36.60	36.60	41.76	41.88	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	36.70	36.50	41.94	41.94	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.80	36.70	41.94	42.25	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	106	5530	76.56	76.68	83.76	84.16	23.98	23.98	30.00	30.00	23.98	23.98	----	----
11a	6Mbps	2	100	5500	16.65	16.65	24.00	23.60	23.21		29.21		23.98		----	----
11a	6Mbps	2	116	5580	16.70	16.65	24.00	23.95	23.21		29.21		23.98		----	----
11a	6Mbps	2	140	5700	16.70	16.70	24.00	23.95	23.23		29.23		23.98		----	----
HT20	MCS0	2	100	5500	17.85	17.85	25.10	25.40	23.52		29.52		23.98		----	----
HT20	MCS0	2	116	5580	17.90	17.85	25.65	24.90	23.52		29.52		23.98		----	----
HT20	MCS0	2	140	5700	17.90	17.85	25.60	24.90	23.52		29.52		23.98		----	----
HT40	MCS0	2	102	5510	36.50	36.60	41.76	41.94	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.60	36.50	41.76	41.76	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.60	36.70	41.76	41.94	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.56	76.68	84.04	83.60	23.98		30.00		23.98		----	----

Report Number : FR852405E

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.10	0.10	17.79	17.81		23.98	23.98	-1.96	2.70	26.99	Pass
11a	6Mbps	1	116	5580	0.10	0.10	17.74	17.78		23.98	23.98	-1.96	2.70	26.99	Pass
11a	6Mbps	1	140	5700	0.10	0.10	17.76	17.68		23.98	23.98	-1.96	2.70	26.99	Pass
HT20	MCS0	1	100	5500	0.11	0.11	17.97	17.77		23.98	23.98	-1.96	2.70	26.99	Pass
HT20	MCS0	1	116	5580	0.11	0.11	17.93	17.73		23.98	23.98	-1.96	2.70	26.99	Pass
HT20	MCS0	1	140	5700	0.11	0.11	17.95	17.86		23.98	23.98	-1.96	2.70	26.99	Pass
HT40	MCS0	1	102	5510	0.22	0.23	17.99	17.98		23.98	23.98	-1.96	2.70	26.99	Pass
HT40	MCS0	1	110	5550	0.22	0.23	17.97	17.95		23.98	23.98	-1.96	2.70	26.99	Pass
HT40	MCS0	1	134	5670	0.22	0.23	17.95	17.94		23.98	23.98	-1.96	2.70	26.99	Pass
VHT20	MCS0	1	100	5500	0.11	0.11	17.95	17.76		23.98	23.98	-1.96	2.70	26.99	Pass
VHT20	MCS0	1	116	5580	0.11	0.11	17.91	17.71		23.98	23.98	-1.96	2.70	26.99	Pass
VHT20	MCS0	1	140	5700	0.11	0.11	17.93	17.84		23.98	23.98	-1.96	2.70	26.99	Pass
VHT40	MCS0	1	102	5510	0.22	0.22	17.97	17.96		23.98	23.98	-1.96	2.70	26.99	Pass
VHT40	MCS0	1	110	5550	0.22	0.22	17.95	17.92		23.98	23.98	-1.96	2.70	26.99	Pass
VHT40	MCS0	1	134	5670	0.22	0.22	17.93	17.90		23.98	23.98	-1.96	2.70	26.99	Pass
VHT80	MCS0	1	106	5530	0.23	0.29	14.85	14.96		23.98	23.98	-1.96	2.70	26.99	Pass
11a	6Mbps	2	100	5500	0.13	0.13	14.94	14.96	17.96	23.98		2.70		26.99	Pass
11a	6Mbps	2	116	5580	0.13	0.13	14.82	14.87	17.85	23.98		2.70		26.99	Pass
11a	6Mbps	2	140	5700	0.13	0.13	14.89	14.86	17.88	23.98		2.70		26.99	Pass
HT20	MCS0	2	100	5500	0.11	0.11	14.93	14.96	17.95	23.98		2.70		26.99	Pass
HT20	MCS0	2	116	5580	0.11	0.11	14.74	14.84	17.80	23.98		2.70		26.99	Pass
HT20	MCS0	2	140	5700	0.11	0.11	14.96	14.74	17.86	23.98		2.70		26.99	Pass
HT40	MCS0	2	102	5510	0.18	0.18	14.76	14.84	17.81	23.98		2.70		26.99	Pass
HT40	MCS0	2	110	5550	0.18	0.18	14.79	14.76	17.78	23.98		2.70		26.99	Pass
HT40	MCS0	2	134	5670	0.18	0.18	14.81	14.78	17.80	23.98		2.70		26.99	Pass
VHT20	MCS0	2	100	5500	0.14	0.11	14.94	14.92	17.94	23.98		2.70		26.99	Pass
VHT20	MCS0	2	116	5580	0.14	0.11	14.74	14.81	17.79	23.98		2.70		26.99	Pass
VHT20	MCS0	2	140	5700	0.14	0.11	14.95	14.73	17.85	23.98		2.70		26.99	Pass
VHT40	MCS0	2	102	5510	0.18	0.18	14.74	14.83	17.79	23.98		2.70		26.99	Pass
VHT40	MCS0	2	110	5550	0.18	0.18	14.76	14.74	17.76	23.98		2.70		26.99	Pass
VHT40	MCS0	2	134	5670	0.18	0.18	14.78	14.76	17.78	23.98		2.70		26.99	Pass
VHT80	MCS0	2	106	5530	0.23	0.23	11.96	11.79	14.88	23.98		2.70		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.10	0.10	7.04	7.06		11.00	11.00	-1.96	2.70		Pass
11a	6Mbps	1	116	5580	0.10	0.10	7.18	7.01		11.00	11.00	-1.96	2.70		Pass
11a	6Mbps	1	140	5700	0.10	0.10	5.96	5.59		11.00	11.00	-1.96	2.70		Pass
HT20	MCS0	1	100	5500	0.11	0.11	7.31	6.90		11.00	11.00	-1.96	2.70		Pass
HT20	MCS0	1	116	5580	0.11	0.11	7.58	6.93		11.00	11.00	-1.96	2.70		Pass
HT20	MCS0	1	140	5700	0.11	0.11	6.26	5.74		11.00	11.00	-1.96	2.70		Pass
HT40	MCS0	1	102	5510	0.22	0.23	4.04	4.13		11.00	11.00	-1.96	2.70		Pass
HT40	MCS0	1	110	5550	0.22	0.23	4.42	3.99		11.00	11.00	-1.96	2.70		Pass
HT40	MCS0	1	134	5670	0.22	0.23	2.78	2.53		11.00	11.00	-1.96	2.70		Pass
11a	6Mbps	2	100	5500	0.13	0.13			7.87	11.00		3.69			Pass
11a	6Mbps	2	116	5580	0.13	0.13			8.07	11.00		3.69			Pass
11a	6Mbps	2	140	5700	0.13	0.13			6.46	11.00		3.69			Pass
HT20	MCS0	2	100	5500	0.11	0.11			7.15	11.00		3.69			Pass
HT20	MCS0	2	116	5580	0.11	0.11			7.02	11.00		3.69			Pass
HT20	MCS0	2	140	5700	0.11	0.11			5.65	11.00		3.69			Pass
HT40	MCS0	2	102	5510	0.18	0.18			3.86	11.00		3.69			Pass
HT40	MCS0	2	110	5550	0.18	0.18			3.86	11.00		3.69			Pass
HT40	MCS0	2	134	5670	0.18	0.18			2.36	11.00		3.69			Pass
VHT80	MCS0	2	106	5530	0.23	0.23			-1.54	11.00		3.69			Pass

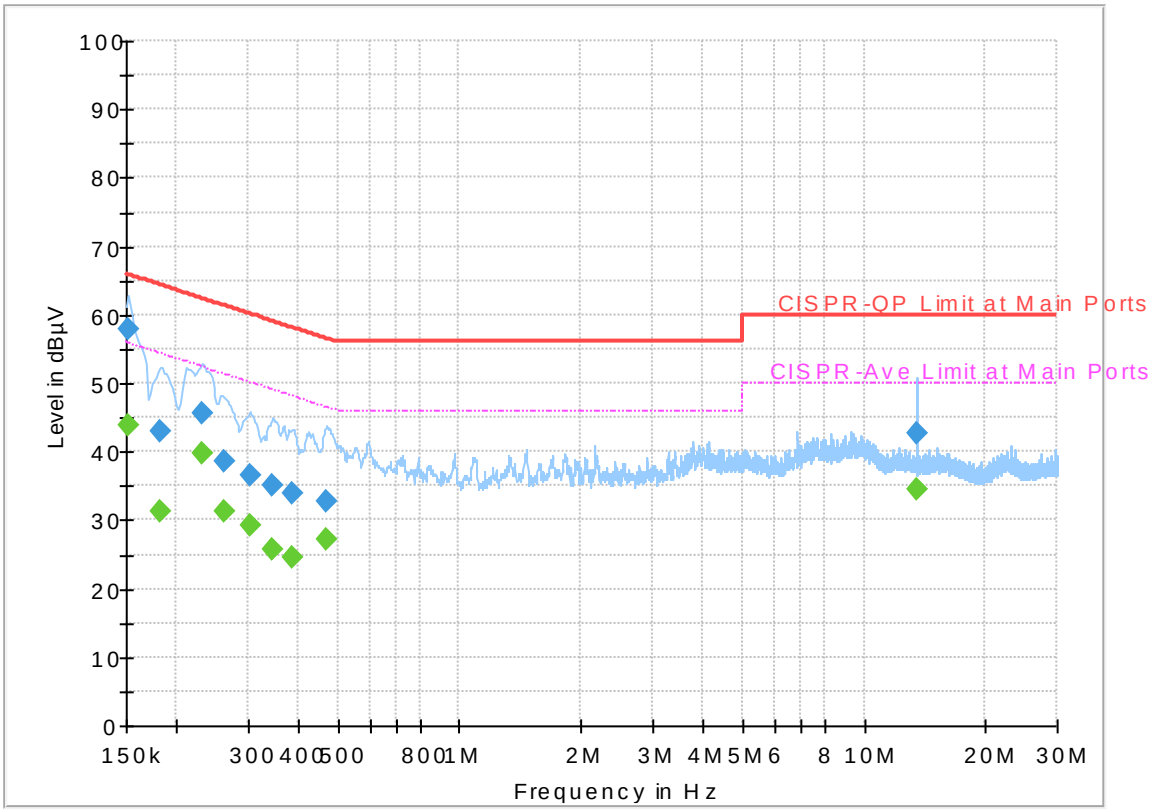
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Arthur Hsieh	**Temperature :**	25~27℃
		Relative Humidity :	51~53%

EUT Information

Report NO :	852405
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



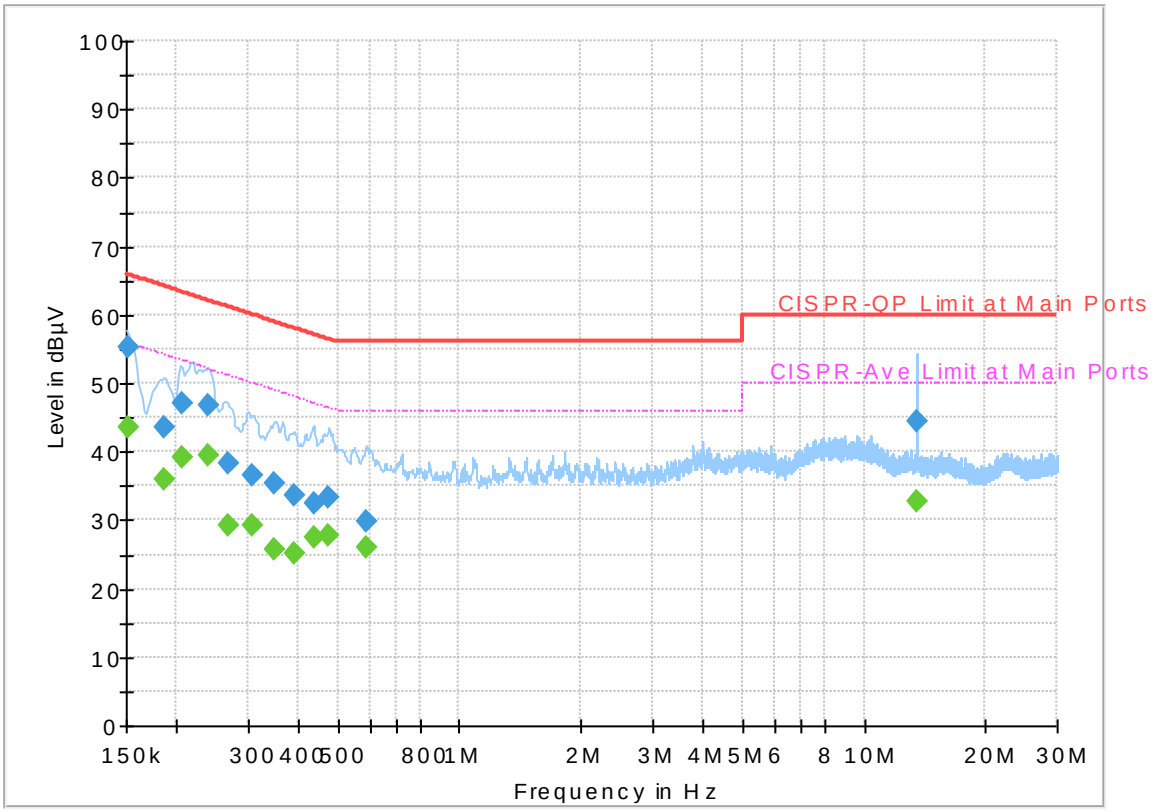
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	44.00	55.88	11.88	L1	OFF	19.5
0.152250	57.90	---	65.88	7.98	L1	OFF	19.5
0.181500	---	31.32	54.42	23.10	L1	OFF	19.5
0.181500	42.90	---	64.42	21.52	L1	OFF	19.5
0.231000	---	39.87	52.41	12.54	L1	OFF	19.5
0.231000	45.67	---	62.41	16.74	L1	OFF	19.5
0.262500	---	31.16	51.35	20.19	L1	OFF	19.5
0.262500	38.70	---	61.35	22.65	L1	OFF	19.5
0.303000	---	29.22	50.16	20.94	L1	OFF	19.5
0.303000	36.62	---	60.16	23.54	L1	OFF	19.5
0.345750	---	25.80	49.06	23.26	L1	OFF	19.5
0.345750	35.18	---	59.06	23.88	L1	OFF	19.5
0.386250	---	24.53	48.14	23.61	L1	OFF	19.5
0.386250	33.88	---	58.14	24.26	L1	OFF	19.5
0.469500	---	27.30	46.52	19.22	L1	OFF	19.5
0.469500	32.61	---	56.52	23.91	L1	OFF	19.5
13.560000	---	34.53	50.00	15.47	L1	OFF	20.0
13.560000	42.80	---	60.00	17.20	L1	OFF	20.0

EUT Information

Report NO :	852405
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	43.60	55.88	12.28	N	OFF	19.5
0.152250	55.15	---	65.88	10.73	N	OFF	19.5
0.186000	---	35.91	54.21	18.30	N	OFF	19.5
0.186000	43.43	---	64.21	20.78	N	OFF	19.5
0.206250	---	39.10	53.36	14.26	N	OFF	19.5
0.206250	46.99	---	63.36	16.37	N	OFF	19.5
0.240000	---	39.36	52.10	12.74	N	OFF	19.5
0.240000	46.73	---	62.10	15.37	N	OFF	19.5
0.267000	---	29.25	51.21	21.96	N	OFF	19.5
0.267000	38.39	---	61.21	22.82	N	OFF	19.5
0.307500	---	29.14	50.04	20.90	N	OFF	19.5
0.307500	36.59	---	60.04	23.45	N	OFF	19.5
0.348000	---	25.76	49.01	23.25	N	OFF	19.5
0.348000	35.24	---	59.01	23.77	N	OFF	19.5
0.388500	---	25.27	48.10	22.83	N	OFF	19.5
0.388500	33.71	---	58.10	24.39	N	OFF	19.5
0.435750	---	27.45	47.14	19.69	N	OFF	19.5
0.435750	32.42	---	57.14	24.72	N	OFF	19.5
0.476250	---	27.92	46.40	18.48	N	OFF	19.5
0.476250	33.32	---	56.40	23.08	N	OFF	19.5
0.588750	---	25.96	46.00	20.04	N	OFF	19.5

0.588750	**29.95**	**---**	**56.00**	**26.05**	**N**	**OFF**	**19.5**
13.560000	**---**	**32.85**	**50.00**	**17.15**	**N**	**OFF**	**20.1**
13.560000	**44.50**	**---**	**60.00**	**15.50**	**N**	**OFF**	**20.1**

Appendix C. Radiated Spurious Emission

Test Engineer :	Alex Jheng, Fu Chen, and Wilson Wu	Temperature :	25.0~25.1°C
		Relative Humidity :	55~56%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.94	58.76	-15.24	74	48.58	31.56	8.17	29.55	165	229	P	H
		5150	49.86	-4.14	54	39.68	31.56	8.17	29.55	165	229	A	H
	*	5180	103.77	-	-	93.53	31.57	8.22	29.55	165	229	P	H
	*	5180	96.63	-	-	86.39	31.57	8.22	29.55	165	229	A	H
													H
													H
		5149.76	54.44	-19.56	74	44.26	31.56	8.17	29.55	121	192	P	V
		5150	47.45	-6.55	54	37.27	31.56	8.17	29.55	121	192	A	V
	*	5180	100.94	-	-	90.7	31.57	8.22	29.55	121	192	P	V
	*	5180	93.59	-	-	83.35	31.57	8.22	29.55	121	192	A	V
													V
													V
802.11a CH 44 5220MHz		5003.12	52.58	-21.42	74	42.62	31.5	7.99	29.53	176	233	P	H
		5042.64	42.26	-11.74	54	32.24	31.52	8.04	29.54	176	233	A	H
	*	5220	104.37	-	-	94.09	31.59	8.25	29.56	176	233	P	H
	*	5220	96.79	-	-	86.51	31.59	8.25	29.56	176	233	A	H
		5439.84	50.46	-23.54	74	39.96	31.67	8.41	29.58	176	233	P	H
		5456.36	41.26	-12.74	54	30.71	31.68	8.46	29.59	176	233	A	H
		5018.98	51.26	-22.74	74	41.27	31.51	8.01	29.53	100	191	P	V
		5007.54	42.41	-11.59	54	32.44	31.51	7.99	29.53	100	191	A	V
	*	5220	100.81	-	-	90.53	31.59	8.25	29.56	100	191	P	V
	*	5220	93.6	-	-	83.32	31.59	8.25	29.56	100	191	A	V
		5432	49.27	-24.73	74	38.77	31.67	8.41	29.58	100	191	P	V
		5451.88	41.21	-12.79	54	30.66	31.68	8.46	29.59	100	191	A	V

802.11a CH 48 5240MHz		5134.94	51.48	-22.52	74	41.33	31.55	8.15	29.55	173	236	P	H
		5069.68	42.19	-11.81	54	32.14	31.53	8.06	29.54	173	236	A	H
	*	5240	104.3	-	-	94.02	31.59	8.25	29.56	173	236	P	H
	*	5240	97.03	-	-	86.75	31.59	8.25	29.56	173	236	A	H
		5459.44	49.22	-24.78	74	38.67	31.68	8.46	29.59	173	236	P	H
		5457.2	41.26	-12.74	54	30.71	31.68	8.46	29.59	173	236	A	H
		5134.16	51.11	-22.89	74	40.96	31.55	8.15	29.55	102	171	P	V
		5054.08	42.15	-11.85	54	32.11	31.52	8.06	29.54	102	171	A	V
	*	5240	101.25	-	-	90.97	31.59	8.25	29.56	102	171	P	V
	*	5240	93.83	-	-	83.55	31.59	8.25	29.56	102	171	A	V
		5443.2	50.06	-23.94	74	39.56	31.67	8.41	29.58	102	171	P	V
		5452.44	41.2	-12.8	54	30.65	31.68	8.46	29.59	102	171	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.82	-21.38	68.2	55.05	39.44	12.34	60.01	100	0	P	H
		15540	52.39	-21.61	74	56.75	39.08	14.61	58.05	190	28	P	H
		15540	42.23	-11.77	54	46.59	39.08	14.61	58.05	190	28	A	H
													H
		10360	47.61	-20.59	68.2	55.84	39.44	12.34	60.01	100	0	P	V
		15540	54.2	-19.8	74	58.56	39.08	14.61	58.05	192	27	P	V
		15540	43.57	-10.43	54	47.93	39.08	14.61	58.05	192	27	A	V
													V
802.11a CH 44 5220MHz		10440	46.48	-21.72	68.2	54.75	39.52	12.36	60.15	100	0	P	H
		15660	45.56	-28.44	74	50.13	38.64	14.67	57.88	100	0	P	H
													H
													H
		10440	45.55	-22.65	68.2	53.82	39.52	12.36	60.15	100	0	P	V
		15660	44.57	-29.43	74	49.14	38.64	14.67	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.86	-21.34	68.2	55.16	39.58	12.38	60.26	100	0	P	H
		15720	44.73	-29.27	74	49.45	38.39	14.68	57.79	100	0	P	H
													H
													H
		10480	45.5	-22.7	68.2	53.8	39.58	12.38	60.26	100	0	P	V
		15720	44.99	-29.01	74	49.71	38.39	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.72	56.68	-17.32	74	46.5	31.56	8.17	29.55	167	228	P	H
		5150	49.66	-4.34	54	39.48	31.56	8.17	29.55	167	228	A	H
	*	5180	103.51	-	-	93.27	31.57	8.22	29.55	167	228	P	H
	*	5180	95.64	-	-	85.4	31.57	8.22	29.55	167	228	A	H
802.11n													H
HT20													H
CH 36		5149.76	54.82	-19.18	74	44.64	31.56	8.17	29.55	117	192	P	V
5180MHz		5150	47.67	-6.33	54	37.49	31.56	8.17	29.55	117	192	A	V
	*	5180	100.69	-	-	90.45	31.57	8.22	29.55	117	192	P	V
	*	5180	92.95	-	-	82.71	31.57	8.22	29.55	117	192	A	V
													V
													V
		5027.04	50.79	-23.21	74	40.8	31.51	8.01	29.53	176	233	P	H
		5075.66	42.19	-11.81	54	32.12	31.53	8.08	29.54	176	233	A	H
	*	5220	103.93	-	-	93.65	31.59	8.25	29.56	176	233	P	H
	*	5220	96.31	-	-	86.03	31.59	8.25	29.56	176	233	A	H
802.11n		5406.52	49.28	-24.72	74	38.89	31.66	8.31	29.58	176	233	P	H
HT20		5452.16	41.34	-12.66	54	30.79	31.68	8.46	29.59	176	233	A	H
CH 44		5060.06	51.18	-22.82	74	41.13	31.53	8.06	29.54	114	192	P	V
5220MHz		5069.68	42.2	-11.8	54	32.15	31.53	8.06	29.54	114	192	A	V
	*	5220	100.76	-	-	90.48	31.59	8.25	29.56	114	192	P	V
	*	5220	93.29	-	-	83.01	31.59	8.25	29.56	114	192	A	V
		5403.44	48.94	-25.06	74	38.55	31.66	8.31	29.58	114	192	P	V
		5449.64	41.09	-12.91	54	30.53	31.68	8.46	29.58	114	192	A	V

		5121.42	50.71	-23.29	74	40.58	31.55	8.13	29.55	172	232	P	H
		5073.58	42.24	-11.76	54	32.17	31.53	8.08	29.54	172	232	A	H
	*	5240	105.06	-	-	94.78	31.59	8.25	29.56	172	232	P	H
	*	5240	97.56	-	-	87.28	31.59	8.25	29.56	172	232	A	H
802.11n		5445.72	49.79	-24.21	74	39.28	31.68	8.41	29.58	172	232	P	H
HT20		5441.52	41.24	-12.76	54	30.74	31.67	8.41	29.58	172	232	A	H
CH 48		5146.12	50.6	-23.4	74	40.42	31.56	8.17	29.55	101	180	P	V
5240MHz		5044.98	42.25	-11.75	54	32.23	31.52	8.04	29.54	101	180	A	V
	*	5240	101.62	-	-	91.34	31.59	8.25	29.56	101	180	P	V
	*	5240	94.09	-	-	83.81	31.59	8.25	29.56	101	180	A	V
		5455.24	49.35	-24.65	74	38.8	31.68	8.46	29.59	101	180	P	V
		5459.44	41.16	-12.84	54	30.61	31.68	8.46	29.59	101	180	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	45.03	-23.17	68.2	53.26	39.44	12.34	60.01	100	0	P	H
		15540	56.23	-17.77	74	60.59	39.08	14.61	58.05	246	35	P	H
802.11n		15540	46.86	-7.14	54	51.22	39.08	14.61	58.05	246	35	A	H
HT20													H
CH 36		10360	45.82	-22.38	68.2	54.05	39.44	12.34	60.01	100	0	P	V
5180MHz		15540	53.86	-20.14	74	58.22	39.08	14.61	58.05	188	0	P	V
		15540	44.89	-9.11	54	49.25	39.08	14.61	58.05	188	0	A	V
													V
		10440	47.03	-21.17	68.2	55.3	39.52	12.36	60.15	100	0	P	H
		15660	49.67	-24.33	74	54.24	38.64	14.67	57.88	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	45.39	-22.81	68.2	53.66	39.52	12.36	60.15	100	0	P	V
5220MHz		15660	47.79	-26.21	74	52.36	38.64	14.67	57.88	100	0	P	V
													V
													V
		10480	46.59	-21.61	68.2	54.89	39.58	12.38	60.26	100	0	P	H
		15720	47.19	-26.81	74	51.91	38.39	14.68	57.79	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	45.9	-22.3	68.2	54.2	39.58	12.38	60.26	100	0	P	V
5240MHz		15720	46.32	-27.68	74	51.04	38.39	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.5	59.71	-14.29	74	49.53	31.56	8.17	29.55	144	228	P	H
		5150	51.27	-2.73	54	41.09	31.56	8.17	29.55	144	228	A	H
	*	5190	98.93	-	-	88.69	31.57	8.22	29.55	144	228	P	H
	*	5190	90.98	-	-	80.74	31.57	8.22	29.55	144	228	A	H
802.11n		5413.52	51.32	-22.68	74	40.87	31.67	8.36	29.58	144	228	P	H
HT40		5412.96	43.75	-10.25	54	33.3	31.67	8.36	29.58	144	228	A	H
CH 38		5147.42	54.4	-19.6	74	44.22	31.56	8.17	29.55	104	192	P	V
5190MHz		5150	49.62	-4.38	54	39.44	31.56	8.17	29.55	104	192	A	V
	*	5190	96.65	-	-	86.41	31.57	8.22	29.55	104	192	P	V
	*	5190	88.64	-	-	78.4	31.57	8.22	29.55	104	192	A	V
		5414.36	49.87	-24.13	74	39.42	31.67	8.36	29.58	104	192	P	V
		5412.68	42.86	-11.14	54	32.41	31.67	8.36	29.58	104	192	A	V
		5050.7	50.77	-23.23	74	40.75	31.52	8.04	29.54	170	234	P	H
		5146.64	43.17	-10.83	54	32.99	31.56	8.17	29.55	170	234	A	H
	*	5230	102.06	-	-	91.78	31.59	8.25	29.56	170	234	P	H
	*	5230	94.17	-	-	83.89	31.59	8.25	29.56	170	234	A	H
802.11n		5452.72	53.79	-20.21	74	43.24	31.68	8.46	29.59	170	234	P	H
HT40		5453	44.78	-9.22	54	34.23	31.68	8.46	29.59	170	234	A	H
CH 46		5069.94	50.84	-23.16	74	40.79	31.53	8.06	29.54	108	192	P	V
5230MHz		5100.1	43.01	-10.99	54	32.91	31.54	8.1	29.54	108	192	A	V
	*	5230	98.47	-	-	88.19	31.59	8.25	29.56	108	192	P	V
	*	5230	90.6	-	-	80.32	31.59	8.25	29.56	108	192	A	V
		5453.28	50.15	-23.85	74	39.6	31.68	8.46	29.59	108	192	P	V
		5453.28	44.1	-9.9	54	33.55	31.68	8.46	29.59	108	192	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	44.64	-23.56	68.2	52.88	39.46	12.34	60.04	100	0	P	H
		15570	44.4	-29.6	74	48.83	38.95	14.62	58	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	46.23	-21.97	68.2	54.47	39.46	12.34	60.04	100	0	P	V
5190MHz		15570	44.07	-29.93	74	48.5	38.95	14.62	58	100	0	P	V
													V
													V
		10460	46.74	-21.46	68.2	55.02	39.54	12.37	60.19	100	0	P	H
		15690	44.46	-29.54	74	49.1	38.52	14.67	57.83	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	46.03	-22.17	68.2	54.31	39.54	12.37	60.19	100	0	P	V
5230MHz		15690	44.37	-29.63	74	49.01	38.52	14.67	57.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5149.76	57.9	-16.1	74	47.72	31.56	8.17	29.55	174	238	P	H
		5149.24	50.68	-3.32	54	40.5	31.56	8.17	29.55	174	238	A	H
	*	5210	96.12	-	-	85.85	31.59	8.24	29.56	174	238	P	H
	*	5210	88.32	-	-	78.05	31.59	8.24	29.56	174	238	A	H
		5350.8	50.35	-23.65	74	39.99	31.64	8.29	29.57	174	238	P	H
		5458.32	41.84	-12.16	54	31.29	31.68	8.46	29.59	174	238	A	H
		5143.78	55.56	-18.44	74	45.38	31.56	8.17	29.55	100	192	P	V
		5150	49.29	-4.71	54	39.11	31.56	8.17	29.55	100	192	A	V
	*	5210	92.45	-	-	82.18	31.59	8.24	29.56	100	192	P	V
	*	5210	84.69	-	-	74.42	31.59	8.24	29.56	100	192	A	V
		5445.44	49.93	-24.07	74	39.43	31.67	8.41	29.58	100	192	P	V
		5455.24	41.87	-12.13	54	31.32	31.68	8.46	29.59	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 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	45.12	-23.08	68.2	53.38	39.5	12.36	60.12	100	0	P	H
		15630	45.5	-28.5	74	50.06	38.7	14.65	57.91	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	45.09	-23.11	68.2	53.35	39.5	12.36	60.12	100	0	P	V
5210MHz		15630	44.43	-29.57	74	48.99	38.7	14.65	57.91	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5093.16	51.24	-22.76	74	41.14	31.54	8.1	29.54	160	233	P	H
		5074.46	42.29	-11.71	54	32.22	31.53	8.08	29.54	160	233	A	H
	*	5260	105.93	-	-	95.62	31.61	8.26	29.56	160	233	P	H
	*	5260	98.48	-	-	88.17	31.61	8.26	29.56	160	233	A	H
		5380.32	50.19	-23.81	74	39.82	31.65	8.3	29.58	160	233	P	H
		5452.8	41.58	-12.42	54	31.03	31.68	8.46	29.59	160	233	A	H
		5012.58	51.44	-22.56	74	41.47	31.51	7.99	29.53	100	191	P	V
		5079.9	42.3	-11.7	54	32.23	31.53	8.08	29.54	100	191	A	V
	*	5260	102.72	-	-	92.41	31.61	8.26	29.56	100	191	P	V
	*	5260	95.02	-	-	84.71	31.61	8.26	29.56	100	191	A	V
		5417.76	49.64	-24.36	74	39.19	31.67	8.36	29.58	100	191	P	V
		5457.36	41.53	-12.47	54	30.98	31.68	8.46	29.59	100	191	A	V
802.11a CH 60 5300MHz		5090.78	50.83	-23.17	74	40.73	31.54	8.1	29.54	163	241	P	H
		5005.44	42.31	-11.69	54	32.34	31.51	7.99	29.53	163	241	A	H
	*	5300	106.26	-	-	95.94	31.62	8.27	29.57	163	241	P	H
	*	5300	98.91	-	-	88.59	31.62	8.27	29.57	163	241	A	H
		5364.48	51.25	-22.75	74	40.87	31.65	8.3	29.57	163	241	P	H
		5352.24	42.29	-11.71	54	31.93	31.64	8.29	29.57	163	241	A	H
		5043.52	50.46	-23.54	74	40.44	31.52	8.04	29.54	112	170	P	V
		5052.7	42.25	-11.75	54	32.21	31.52	8.06	29.54	112	170	A	V
	*	5300	103.4	-	-	93.08	31.62	8.27	29.57	112	170	P	V
	*	5300	95.91	-	-	85.59	31.62	8.27	29.57	112	170	A	V
		5376	50.32	-23.68	74	39.95	31.65	8.3	29.58	112	170	P	V
		5351.28	41.68	-12.32	54	31.32	31.64	8.29	29.57	112	170	A	V

802.11a CH 64 5320MHz	*	5320	106.27	-	-	95.93	31.63	8.28	29.57	180	239	P	H
	*	5320	98.85	-	-	88.51	31.63	8.28	29.57	180	239	A	H
		5350.72	53.97	-20.03	74	43.61	31.64	8.29	29.57	180	239	P	H
		5350.08	45.21	-8.79	54	34.85	31.64	8.29	29.57	180	239	A	H
													H
													H
	*	5320	103.18	-	-	92.84	31.63	8.28	29.57	109	171	P	V
	*	5320	95.81	-	-	85.47	31.63	8.28	29.57	109	171	A	V
		5350.56	51.61	-22.39	74	41.25	31.64	8.29	29.57	109	171	P	V
		5350.4	44.05	-9.95	54	33.69	31.64	8.29	29.57	109	171	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.45	-19.75	68.2	56.78	39.62	12.39	60.34	100	0	P	H
		15780	46.27	-27.73	74	51.06	38.21	14.71	57.71	100	0	P	H
													H
													H
		10520	45.96	-22.24	68.2	54.29	39.62	12.39	60.34	100	0	P	V
		15780	45.41	-28.59	74	50.2	38.21	14.71	57.71	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	47.29	-26.71	74	55.71	39.72	12.41	60.55	100	0	P	H
		15900	43.81	-30.19	74	48.81	37.77	14.77	57.54	100	0	P	H
													H
													H
		10600	44.79	-29.21	74	53.21	39.72	12.41	60.55	100	0	P	V
		15900	43.61	-30.39	74	48.61	37.77	14.77	57.54	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.97	-27.03	74	55.42	39.77	12.41	60.63	100	0	P	H
		15960	44.18	-29.82	74	49.33	37.52	14.78	57.45	100	0	P	H
													H
													H
		10640	45.53	-28.47	74	53.98	39.77	12.41	60.63	100	0	P	V
		15960	44.91	-29.09	74	50.06	37.52	14.78	57.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5027.88	51.55	-22.45	74	41.56	31.51	8.01	29.53	247	233	P	H
		5069.7	42.27	-11.73	54	32.22	31.53	8.06	29.54	247	233	A	H
	*	5260	106.58	-	-	96.27	31.61	8.26	29.56	247	233	P	H
	*	5260	98.8	-	-	88.49	31.61	8.26	29.56	247	233	A	H
802.11n		5375.52	50.84	-23.16	74	40.47	31.65	8.3	29.58	247	233	P	H
HT20		5446.08	41.5	-12.5	54	30.99	31.68	8.41	29.58	247	233	A	H
CH 52		5010.88	51.67	-22.33	74	41.7	31.51	7.99	29.53	100	200	P	V
5260MHz		5106.76	42.28	-11.72	54	32.14	31.55	8.13	29.54	100	200	A	V
	*	5260	101.58	-	-	91.27	31.61	8.26	29.56	100	200	P	V
	*	5260	94.27	-	-	83.96	31.61	8.26	29.56	100	200	A	V
		5445.36	49.68	-24.32	74	39.18	31.67	8.41	29.58	100	200	P	V
		5458.8	41.39	-12.61	54	30.84	31.68	8.46	29.59	100	200	A	V
		5004.08	51.72	-22.28	74	41.75	31.51	7.99	29.53	176	245	P	H
		5011.22	42.34	-11.66	54	32.37	31.51	7.99	29.53	176	245	A	H
	*	5300	105.51	-	-	95.19	31.62	8.27	29.57	176	245	P	H
	*	5300	98.31	-	-	87.99	31.62	8.27	29.57	176	245	A	H
802.11n		5358.48	51.39	-22.61	74	41.02	31.64	8.3	29.57	176	245	P	H
HT20		5350.8	42.46	-11.54	54	32.1	31.64	8.29	29.57	176	245	A	H
CH 60		5054.4	51.32	-22.68	74	41.28	31.52	8.06	29.54	104	170	P	V
5300MHz		5055.76	42.33	-11.67	54	32.28	31.53	8.06	29.54	104	170	A	V
	*	5300	102.53	-	-	92.21	31.62	8.27	29.57	104	170	P	V
	*	5300	95.05	-	-	84.73	31.62	8.27	29.57	104	170	A	V
		5355.36	50.47	-23.53	74	40.11	31.64	8.29	29.57	104	170	P	V
		5351.76	41.63	-12.37	54	31.27	31.64	8.29	29.57	104	170	A	V

	*	5320	106.9	-	-	96.56	31.63	8.28	29.57	225	232	P	H
	*	5320	99.41	-	-	89.07	31.63	8.28	29.57	225	232	A	H
		5355.36	54.32	-19.68	74	43.96	31.64	8.29	29.57	225	232	P	H
		5350.08	46.32	-7.68	54	35.96	31.64	8.29	29.57	225	232	A	H
802.11n													H
HT20													H
CH 64	*	5320	103.89	-	-	93.55	31.63	8.28	29.57	108	167	P	V
5320MHz	*	5320	96.29	-	-	85.95	31.63	8.28	29.57	108	167	A	V
		5350.24	54.45	-19.55	74	44.09	31.64	8.29	29.57	108	167	P	V
		5350.08	45.12	-8.88	54	34.76	31.64	8.29	29.57	108	167	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	46.42	-21.78	68.2	54.75	39.62	12.39	60.34	100	0	P	H
		15780	44.63	-29.37	74	49.42	38.21	14.71	57.71	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	45.43	-22.77	68.2	53.76	39.62	12.39	60.34	100	0	P	V
5260MHz		15780	45.52	-28.48	74	50.31	38.21	14.71	57.71	100	0	P	V
												P	V
												P	V
		10600	47	-27	74	55.42	39.72	12.41	60.55	100	0	P	H
		15900	43.95	-30.05	74	48.95	37.77	14.77	57.54	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	45.47	-28.53	74	53.89	39.72	12.41	60.55	100	0	P	V
5300MHz		15900	44.18	-29.82	74	49.18	37.77	14.77	57.54	100	0	P	V
													V
													V
		10640	46.93	-27.07	74	55.38	39.77	12.41	60.63	100	0	P	H
		15960	44.51	-29.49	74	49.66	37.52	14.78	57.45	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	45.81	-28.19	74	54.26	39.77	12.41	60.63	100	0	P	V
5320MHz		15960	45.27	-28.73	74	50.42	37.52	14.78	57.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5084.32	51.08	-22.92	74	41.01	31.53	8.08	29.54	179	220	P	H
		5085.34	42.99	-11.01	54	32.92	31.53	8.08	29.54	179	220	A	H
	*	5270	102.25	-	-	91.93	31.61	8.27	29.56	179	220	P	H
	*	5270	94.41	-	-	84.09	31.61	8.27	29.56	179	220	A	H
		5439.84	50.41	-23.59	74	39.91	31.67	8.41	29.58	179	220	P	H
		5350.32	42.54	-11.46	54	32.18	31.64	8.29	29.57	179	220	A	H
		5135.32	51.21	-22.79	74	41.06	31.55	8.15	29.55	107	157	P	V
		5040.46	42.94	-11.06	54	32.91	31.52	8.04	29.53	107	157	A	V
	*	5270	100.1	-	-	89.78	31.61	8.27	29.56	107	157	P	V
	*	5270	92.23	-	-	81.91	31.61	8.27	29.56	107	157	A	V
		5363.52	49.95	-24.05	74	39.57	31.65	8.3	29.57	107	157	P	V
		5352.96	42.48	-11.52	54	32.12	31.64	8.29	29.57	107	157	A	V
802.11n HT40 CH 62 5310MHz		5088.74	51.42	-22.58	74	41.32	31.54	8.1	29.54	236	234	P	H
		5084.32	43.02	-10.98	54	32.95	31.53	8.08	29.54	236	234	A	H
	*	5310	102.62	-	-	92.28	31.63	8.28	29.57	236	234	P	H
	*	5310	94.77	-	-	84.43	31.63	8.28	29.57	236	234	A	H
		5352.24	59.77	-14.23	74	49.41	31.64	8.29	29.57	236	234	P	H
		5350.32	51.89	-2.11	54	41.53	31.64	8.29	29.57	236	234	A	H
		5081.94	52.07	-21.93	74	42	31.53	8.08	29.54	100	170	P	V
		5076.16	43.28	-10.72	54	33.21	31.53	8.08	29.54	100	170	A	V
	*	5310	99.25	-	-	88.91	31.63	8.28	29.57	100	170	P	V
	*	5310	91.61	-	-	81.27	31.63	8.28	29.57	100	170	A	V
		5350.08	55.11	-18.89	74	44.75	31.64	8.29	29.57	100	170	P	V
		5350.32	49.21	-4.79	54	38.85	31.64	8.29	29.57	100	170	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	45.92	-22.28	68.2	54.27	39.64	12.39	60.38	100	0	P	H
		15810	45.23	-28.77	74	50.09	38.08	14.73	57.67	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	46.29	-21.91	68.2	54.64	39.64	12.39	60.38	100	0	P	V
5270MHz		15810	44.89	-29.11	74	49.75	38.08	14.73	57.67	100	0	P	V
													V
													V
		10620	46.19	-27.81	74	54.63	39.74	12.41	60.59	100	0	P	H
		15930	44.65	-29.35	74	49.72	37.65	14.78	57.5	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	46.1	-27.9	74	54.54	39.74	12.41	60.59	100	0	P	V
5310MHz		15930	43.43	-30.57	74	48.5	37.65	14.78	57.5	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5027.54	51.14	-22.86	74	41.15	31.51	8.01	29.53	227	235	P	H
		5044.54	43.04	-10.96	54	33.02	31.52	8.04	29.54	227	235	A	H
	*	5290	96.88	-	-	86.56	31.61	8.27	29.56	227	235	P	H
	*	5290	89.64	-	-	79.32	31.61	8.27	29.56	227	235	A	H
		5353.68	58.05	-15.95	74	47.69	31.64	8.29	29.57	227	235	P	H
		5350.56	48.98	-5.02	54	38.62	31.64	8.29	29.57	227	235	A	H
		5008.5	50.61	-23.39	74	40.64	31.51	7.99	29.53	104	170	P	V
		5056.44	43.07	-10.93	54	33.02	31.53	8.06	29.54	104	170	A	V
	*	5290	93.87	-	-	83.55	31.61	8.27	29.56	104	170	P	V
	*	5290	86.38	-	-	76.06	31.61	8.27	29.56	104	170	A	V
		5351.52	54	-20	74	43.64	31.64	8.29	29.57	104	170	P	V
		5350.32	47.01	-6.99	54	36.65	31.64	8.29	29.57	104	170	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	45.76	-22.44	68.2	54.17	39.7	12.4	60.51	100	0	P	H
		15870	44.12	-29.88	74	49.11	37.83	14.75	57.57	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	45.14	-23.06	68.2	53.55	39.7	12.4	60.51	100	0	P	V
5290MHz		15870	43.78	-30.22	74	48.77	37.83	14.75	57.57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5429.36	51.39	-22.61	74	40.94	31.67	8.36	29.58	161	46	P	H
		5465.04	52.32	-15.88	68.2	41.76	31.69	8.46	29.59	161	46	P	H
		5459.44	42.77	-11.23	54	32.22	31.68	8.46	29.59	161	46	A	H
	*	5500	104.59	-	-	93.92	31.7	8.56	29.59	161	46	P	H
	*	5500	97.23	-	-	86.56	31.7	8.56	29.59	161	46	A	H
													H
		5459.6	51.72	-22.28	74	41.17	31.68	8.46	29.59	242	176	P	V
		5469.84	52.53	-15.67	68.2	41.92	31.69	8.51	29.59	242	176	P	V
		5459.44	42.3	-11.7	54	31.75	31.68	8.46	29.59	242	176	A	V
	*	5500	103.99	-	-	93.32	31.7	8.56	29.59	242	176	P	V
	*	5500	96.44	-	-	85.77	31.7	8.56	29.59	242	176	A	V
													V
802.11a CH 116 5580MHz		5458	49.94	-24.06	74	39.39	31.68	8.46	29.59	117	44	P	H
		5469.28	51.23	-16.97	68.2	40.62	31.69	8.51	29.59	117	44	P	H
		5459.2	41.54	-12.46	54	30.99	31.68	8.46	29.59	117	44	A	H
	*	5580	105.45	-	-	94.46	31.82	8.8	29.63	117	44	P	H
	*	5580	98.07	-	-	87.08	31.82	8.8	29.63	117	44	A	H
		5760.275	51.34	-16.86	68.2	40.07	32.17	8.81	29.71	117	44	P	H
		5446.96	50.68	-23.32	74	40.17	31.68	8.41	29.58	234	172	P	V
		5463.28	51.36	-16.84	68.2	40.8	31.69	8.46	29.59	234	172	P	V
		5458.96	41.59	-12.41	54	31.04	31.68	8.46	29.59	234	172	A	V
	*	5580	103.71	-	-	92.72	31.82	8.8	29.63	234	172	P	V
	*	5580	96.16	-	-	85.17	31.82	8.8	29.63	234	172	A	V
		5747.36	51.2	-17	68.2	39.95	32.13	8.81	29.69	234	172	P	V

802.11a CH 140 5700MHz	*	5700	103.52	-	-	92.33	32.04	8.82	29.67	105	46	P	H
	*	5700	96.28	-	-	85.09	32.04	8.82	29.67	105	46	A	H
		5727.48	54.99	-13.21	68.2	43.75	32.1	8.82	29.68	105	46	P	H
													H
													H
													H
	*	5700	101.71	-	-	90.52	32.04	8.82	29.67	236	190	P	V
	*	5700	94.32	-	-	83.13	32.04	8.82	29.67	236	190	A	V
		5727.64	53.38	-14.82	68.2	42.14	32.1	8.82	29.68	236	190	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	45.17	-28.83	74	53.96	40.2	12.51	61.5	100	0	P	H
		16500	45.83	-22.37	68.2	49.01	39.2	14.92	57.3	100	0	P	H
													H
													H
		11000	46.06	-27.94	74	54.85	40.2	12.51	61.5	100	0	P	V
		16500	44.76	-23.44	68.2	47.94	39.2	14.92	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.08	-27.92	74	54.92	40.1	12.59	61.53	100	0	P	H
		16740	45.89	-22.31	68.2	48.26	39.49	14.96	56.82	100	0	P	H
													H
													H
		11160	45.88	-28.12	74	54.72	40.1	12.59	61.53	100	0	P	V
		16740	46.98	-21.22	68.2	49.35	39.49	14.96	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.3	-28.7	74	54.2	39.96	12.72	61.58	100	0	P	H
		17100	46.76	-21.44	68.2	47.7	40.08	15.06	56.08	100	0	P	H
													H
													H
		11400	45.93	-28.07	74	54.83	39.96	12.72	61.58	100	0	P	V
		17100	47.09	-21.11	68.2	48.03	40.08	15.06	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5418	51.45	-22.55	74	41	31.67	8.36	29.58	160	43	P	H
		5469.84	54.56	-13.64	68.2	43.95	31.69	8.51	29.59	160	43	P	H
		5458.32	43.3	-10.7	54	32.75	31.68	8.46	29.59	160	43	A	H
	*	5500	105.13	-	-	94.46	31.7	8.56	29.59	160	43	P	H
802.11n	*	5500	97.7	-	-	87.03	31.7	8.56	29.59	160	43	A	H
HT20													H
CH 100		5459.12	52.76	-21.24	74	42.21	31.68	8.46	29.59	242	176	P	V
5500MHz		5468.72	53.45	-14.75	68.2	42.84	31.69	8.51	29.59	242	176	P	V
		5458.8	42.29	-11.71	54	31.74	31.68	8.46	29.59	242	176	A	V
	*	5500	103.52	-	-	92.85	31.7	8.56	29.59	242	176	P	V
	*	5500	96.08	-	-	85.41	31.7	8.56	29.59	242	176	A	V
													V
		5457.76	49.79	-24.21	74	39.24	31.68	8.46	29.59	117	45	P	H
		5468.8	51.03	-17.17	68.2	40.42	31.69	8.51	29.59	117	45	P	H
		5452.48	41.37	-12.63	54	30.82	31.68	8.46	29.59	117	45	A	H
	*	5580	105.09	-	-	94.1	31.82	8.8	29.63	117	45	P	H
802.11n	*	5580	97.52	-	-	86.53	31.82	8.8	29.63	117	45	A	H
HT20		5739.8	50.65	-17.55	68.2	39.4	32.13	8.81	29.69	117	45	P	H
CH 116		5451.04	50.45	-23.55	74	39.9	31.68	8.46	29.59	235	172	P	V
5580MHz		5469.76	50.41	-17.79	68.2	39.8	31.69	8.51	29.59	235	172	P	V
		5458.72	41.29	-12.71	54	30.74	31.68	8.46	29.59	235	172	A	V
	*	5580	103.61	-	-	92.62	31.82	8.8	29.63	235	172	P	V
	*	5580	96.04	-	-	85.05	31.82	8.8	29.63	235	172	A	V
		5741.69	50.51	-17.69	68.2	39.26	32.13	8.81	29.69	235	172	P	V

	*	5700	104.32	-	-	93.13	32.04	8.82	29.67	115	45	P	H
	*	5700	96.67	-	-	85.48	32.04	8.82	29.67	115	45	A	H
		5728.28	57.67	-10.53	68.2	46.43	32.1	8.82	29.68	115	45	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	102.96	-	-	91.77	32.04	8.82	29.67	215	187	P	V
5700MHz	*	5700	95.49	-	-	84.3	32.04	8.82	29.67	215	187	A	V
		5725.24	56.68	-11.52	68.2	45.44	32.1	8.82	29.68	215	187	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	47.29	-26.71	74	56.08	40.2	12.51	61.5	100	0	P	H
		16500	44.56	-23.64	68.2	47.74	39.2	14.92	57.3	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	45.6	-28.4	74	54.39	40.2	12.51	61.5	100	0	P	V
5500MHz		16500	45.76	-22.44	68.2	48.94	39.2	14.92	57.3	100	0	P	V
													V
													V
		11160	45.55	-28.45	74	54.39	40.1	12.59	61.53	100	0	P	H
		16740	46.67	-21.53	68.2	49.04	39.49	14.96	56.82	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	45.21	-28.79	74	54.05	40.1	12.59	61.53	100	0	P	V
5580MHz		16740	46.03	-22.17	68.2	48.4	39.49	14.96	56.82	100	0	P	V
													V
													V
		11400	44.9	-29.1	74	53.8	39.96	12.72	61.58	100	0	P	H
		17100	47.38	-20.82	68.2	48.32	40.08	15.06	56.08	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	44.82	-29.18	74	53.72	39.96	12.72	61.58	100	0	P	V
5700MHz		17100	47.98	-20.22	68.2	48.92	40.08	15.06	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5456.56	56.77	-17.23	74	46.22	31.68	8.46	29.59	119	47	P	H
		5470	63.46	-4.74	68.2	52.85	31.69	8.51	29.59	119	47	P	H
		5459.92	49.1	-4.9	54	38.55	31.68	8.46	29.59	119	47	A	H
	*	5510	103.97	-	-	93.27	31.7	8.6	29.6	119	47	P	H
802.11n	*	5510	94.86	-	-	84.16	31.7	8.6	29.6	119	47	A	H
HT40		5739.485	51.58	-16.62	68.2	40.33	32.13	8.81	29.69	119	47	P	H
CH 102		5459.92	57.43	-16.57	74	46.88	31.68	8.46	29.59	226	177	P	V
5510MHz		5467.12	61.75	-6.45	68.2	51.14	31.69	8.51	29.59	226	177	P	V
		5459.92	47.56	-6.44	54	37.01	31.68	8.46	29.59	226	177	A	V
	*	5510	102.99	-	-	92.29	31.7	8.6	29.6	226	177	P	V
	*	5510	93.94	-	-	83.24	31.7	8.6	29.6	226	177	A	V
		5743.58	51.04	-17.16	68.2	39.79	32.13	8.81	29.69	226	177	P	V
		5454.4	51.54	-22.46	74	40.99	31.68	8.46	29.59	183	47	P	H
		5462.8	51.74	-16.46	68.2	41.18	31.69	8.46	29.59	183	47	P	H
		5458.72	42.17	-11.83	54	31.62	31.68	8.46	29.59	183	47	A	H
	*	5550	103.92	-	-	93.04	31.79	8.7	29.61	183	47	P	H
802.11n	*	5550	95.02	-	-	84.14	31.79	8.7	29.61	183	47	A	H
HT40		5753.975	51.19	-17.01	68.2	39.9	32.17	8.81	29.69	183	47	P	H
CH 110		5371.6	50.42	-23.58	74	40.04	31.65	8.3	29.57	226	180	P	V
5550MHz		5469.04	51.35	-16.85	68.2	40.74	31.69	8.51	29.59	226	180	P	V
		5453.44	41.88	-12.12	54	31.33	31.68	8.46	29.59	226	180	A	V
	*	5550	103	-	-	92.12	31.79	8.7	29.61	226	180	P	V
	*	5550	93.86	-	-	82.98	31.79	8.7	29.61	226	180	A	V
		5748.305	52.54	-15.66	68.2	41.29	32.13	8.81	29.69	226	180	P	V

		5445.9	51.49	-22.51	74	40.98	31.68	8.41	29.58	167	40	P	H
		5460.25	50.39	-17.81	68.2	39.84	31.68	8.46	29.59	167	40	P	H
		5447.65	42.21	-11.79	54	31.7	31.68	8.41	29.58	167	40	A	H
	*	5670	102.82	-	-	91.64	32.01	8.83	29.66	167	40	P	H
802.11n	*	5670	94.26	-	-	83.08	32.01	8.83	29.66	167	40	A	H
HT40		5724.995	55.12	-94.88	150	43.88	32.1	8.82	29.68	167	40	P	H
CH 134		5441.35	50.13	-23.87	74	39.63	31.67	8.41	29.58	209	175	P	V
5670MHz		5467.25	49.78	-18.42	68.2	39.17	31.69	8.51	29.59	209	175	P	V
		5447.65	41.77	-12.23	54	31.26	31.68	8.41	29.58	209	175	A	V
	*	5670	99.67	-	-	88.49	32.01	8.83	29.66	209	175	P	V
	*	5670	91.4	-	-	80.22	32.01	8.83	29.66	209	175	A	V
		5727.515	52.88	-15.32	68.2	41.64	32.1	8.82	29.68	209	175	P	V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	46.12	-27.88	74	54.9	40.19	12.53	61.5	100	0	P	H
		16530	44.6	-23.6	68.2	47.67	39.24	14.92	57.23	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	44.86	-29.14	74	53.64	40.19	12.53	61.5	100	0	P	V
5510MHz		16530	44.8	-23.4	68.2	47.87	39.24	14.92	57.23	100	0	P	V
													V
													V
		11100	45.94	-28.06	74	54.76	40.14	12.56	61.52	100	0	P	H
		16650	45.35	-22.85	68.2	48	39.39	14.95	56.99	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	45.34	-28.66	74	54.16	40.14	12.56	61.52	100	0	P	V
5550MHz		16650	45.89	-22.31	68.2	48.54	39.39	14.95	56.99	100	0	P	V
													V
													V
		11340	45.52	-28.48	74	54.41	40	12.68	61.57	100	0	P	H
		17010	47.3	-20.9	68.2	48.69	39.85	15.02	56.26	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	45.2	-28.8	74	54.09	40	12.68	61.57	100	0	P	V
5670MHz		17010	47.11	-21.09	68.2	48.5	39.85	15.02	56.26	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5453.92	55.1	-18.9	74	44.55	31.68	8.46	29.59	167	47	P	H
		5469.28	55.74	-12.46	68.2	45.13	31.69	8.51	29.59	167	47	P	H
		5459.92	47.01	-6.99	54	36.46	31.68	8.46	29.59	167	47	A	H
	*	5530	97.63	-	-	86.86	31.73	8.65	29.61	167	47	P	H
	*	5530	89.05	-	-	78.28	31.73	8.65	29.61	167	47	A	H
		5750.825	51.82	-16.38	68.2	40.57	32.13	8.81	29.69	167	47	P	H
		5458.72	53.15	-20.85	74	42.6	31.68	8.46	29.59	230	179	P	V
		5466.64	54.97	-13.23	68.2	44.36	31.69	8.51	29.59	230	179	P	V
		5458.48	46.39	-7.61	54	35.84	31.68	8.46	29.59	230	179	A	V
	*	5530	96.56	-	-	85.79	31.73	8.65	29.61	230	179	P	V
	*	5530	87.87	-	-	77.1	31.73	8.65	29.61	230	179	A	V
		5757.125	52.12	-16.08	68.2	40.85	32.17	8.81	29.71	230	179	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	46.21	-27.79	74	55.01	40.16	12.55	61.51	100	0	P	H
		16590	45.98	-22.22	68.2	48.88	39.3	14.93	57.13	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	45.68	-28.32	74	54.48	40.16	12.55	61.51	100	0	P	V
5530MHz		16590	45.83	-22.37	68.2	48.73	39.3	14.93	57.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		32.43	35.62	-4.38	40	44.06	23.11	0.79	32.34	100	0	P	H
		97.5	38.98	-4.52	43.5	54.01	15.91	1.35	32.29	-	-	P	H
		160.41	34.97	-8.53	43.5	49.02	16.67	1.56	32.28	-	-	P	H
		658.4	28.18	-17.82	46	30.91	26.34	3.12	32.19	-	-	P	H
		833.4	30.92	-15.08	46	30.62	28.64	3.49	31.83	-	-	P	H
		958.7	33.91	-12.09	46	30.1	31.07	3.71	30.97	-	-	P	H
													H
													H
													H
													H
													H
													H
		31.08	30.51	-9.49	40	38.1	23.96	0.79	32.34	100	0	P	V
		96.69	34.69	-8.81	43.5	49.84	15.79	1.35	32.29	-	-	P	V
		161.49	33.52	-9.98	43.5	47.77	16.47	1.56	32.28	-	-	P	V
		647.2	28.09	-17.91	46	30.81	26.41	3.06	32.19	-	-	P	V
		832.7	31.63	-14.37	46	31.33	28.64	3.49	31.83	-	-	P	V
		955.9	34.23	-11.77	46	30.56	30.96	3.71	31	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5085.54	52.15	-21.85	74	42.08	31.53	8.08	29.54	296	340	P	H
		5146.38	42.64	-11.36	54	32.46	31.56	8.17	29.55	296	340	A	H
	*	5180	103.38	-	-	93.14	31.57	8.22	29.55	296	340	P	H
	*	5180	96.09	-	-	85.85	31.57	8.22	29.55	296	340	A	H
													H
													H
		5126.1	51.8	-22.2	74	41.65	31.55	8.15	29.55	309	45	P	V
		5150	42.16	-11.84	54	31.98	31.56	8.17	29.55	309	45	A	V
	*	5180	102.18	-	-	91.94	31.57	8.22	29.55	309	45	P	V
	*	5180	94.8	-	-	84.56	31.57	8.22	29.55	309	45	A	V
													V
													V
802.11a CH 44 5220MHz		5012.22	52.02	-21.98	74	42.05	31.51	7.99	29.53	304	341	P	H
		5081.64	42.22	-11.78	54	32.15	31.53	8.08	29.54	304	341	A	H
	*	5220	104.83	-	-	94.55	31.59	8.25	29.56	304	341	P	H
	*	5220	97.35	-	-	87.07	31.59	8.25	29.56	304	341	A	H
		5435.36	49.92	-24.08	74	39.42	31.67	8.41	29.58	304	341	P	H
		5452.44	41.17	-12.83	54	30.62	31.68	8.46	29.59	304	341	A	H
		5040.56	52.16	-21.84	74	42.13	31.52	8.04	29.53	305	46	P	V
		5040.3	42.08	-11.92	54	32.05	31.52	8.04	29.53	305	46	A	V
	*	5220	103.63	-	-	93.35	31.59	8.25	29.56	305	46	P	V
	*	5220	96.12	-	-	85.84	31.59	8.25	29.56	305	46	A	V
		5435.36	50.43	-23.57	74	39.93	31.67	8.41	29.58	305	46	P	V
													V

802.11a CH 48 5240MHz		5037.7	51.64	-22.36	74	41.61	31.52	8.04	29.53	294	341	P	H
		5055.9	42.07	-11.93	54	32.02	31.53	8.06	29.54	294	341	A	H
	*	5240	105.57	-	-	95.29	31.59	8.25	29.56	294	341	P	H
	*	5240	98.16	-	-	87.88	31.59	8.25	29.56	294	341	A	H
		5458.32	50.36	-23.64	74	39.81	31.68	8.46	29.59	294	341	P	H
		5455.52	41.27	-12.73	54	30.72	31.68	8.46	29.59	294	341	A	H
		5013.78	51.96	-22.04	74	41.99	31.51	7.99	29.53	302	47	P	V
		5042.9	42.05	-11.95	54	32.03	31.52	8.04	29.54	302	47	A	V
	*	5240	104.86	-	-	94.58	31.59	8.25	29.56	302	47	P	V
	*	5240	97.4	-	-	87.12	31.59	8.25	29.56	302	47	A	V
		5442.92	50.55	-23.45	74	40.05	31.67	8.41	29.58	302	47	P	V
		5445.16	41.6	-12.4	54	31.1	31.67	8.41	29.58	302	47	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.82	-19.38	68.2	57.05	39.44	12.34	60.01	100		P	H
		15540	45.57	-28.43	74	49.93	39.08	14.61	58.05	100	0	P	H
													H
													H
		10360	49.18	-19.02	68.2	57.41	39.44	12.34	60.01	100	0	P	V
		15540	45.01	-28.99	74	49.37	39.08	14.61	58.05	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.61	-21.59	68.2	54.88	39.52	12.36	60.15	100	0	P	H
		15660	45.05	-28.95	74	49.62	38.64	14.67	57.88	100	0	P	H
													H
													H
		10440	49	-19.2	68.2	57.27	39.52	12.36	60.15	100	0	P	V
		15660	44.49	-29.51	74	49.06	38.64	14.67	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.55	-20.65	68.2	55.85	39.58	12.38	60.26	100	0	P	H
		15720	44.84	-29.16	74	49.56	38.39	14.68	57.79	100	0	P	H
													H
													H
		10480	48.34	-19.86	68.2	56.64	39.58	12.38	60.26	100	0	P	V
		15720	44.3	-29.7	74	49.02	38.39	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5121.68	51.58	-22.42	74	41.45	31.55	8.13	29.55	309	342	P	H
		5149.76	42.91	-11.09	54	32.73	31.56	8.17	29.55	309	342	A	H
	*	5180	103.1	-	-	92.86	31.57	8.22	29.55	309	342	P	H
	*	5180	95.64	-	-	85.4	31.57	8.22	29.55	309	342	A	H
802.11n													H
HT20													H
CH 36		5008.32	51.92	-22.08	74	41.95	31.51	7.99	29.53	295	46	P	V
5180MHz		5147.42	42.16	-11.84	54	31.98	31.56	8.17	29.55	295	46	A	V
	*	5180	100.59	-	-	90.35	31.57	8.22	29.55	295	46	P	V
	*	5180	93.42	-	-	83.18	31.57	8.22	29.55	295	46	A	V
													V
													V
		5045.76	52.03	-21.97	74	42.01	31.52	8.04	29.54	304	340	P	H
		5068.64	42.17	-11.83	54	32.12	31.53	8.06	29.54	304	340	A	H
	*	5220	105.09	-	-	94.81	31.59	8.25	29.56	304	340	P	H
	*	5220	97.53	-	-	87.25	31.59	8.25	29.56	304	340	A	H
802.11n		5460	50.38	-23.62	74	39.83	31.68	8.46	29.59	304	340	P	H
HT20		5458.88	41.38	-12.62	54	30.83	31.68	8.46	29.59	304	340	A	H
CH 44		5084.5	51.99	-22.01	74	41.92	31.53	8.08	29.54	305	47	P	V
5220MHz		5063.7	42.14	-11.86	54	32.09	31.53	8.06	29.54	305	47	A	V
	*	5220	103.75	-	-	93.47	31.59	8.25	29.56	305	47	P	V
	*	5220	96.42	-	-	86.14	31.59	8.25	29.56	305	47	A	V
		5421.64	50.08	-23.92	74	39.63	31.67	8.36	29.58	305	47	P	V
		5451.32	41.68	-12.32	54	31.13	31.68	8.46	29.59	305	47	A	V

		5067.6	52.21	-21.79	74	42.16	31.53	8.06	29.54	294	341	P	H
		5096.98	42.22	-11.78	54	32.12	31.54	8.1	29.54	294	341	A	H
	*	5240	105.14	-	-	94.86	31.59	8.25	29.56	294	341	P	H
	*	5240	97.69	-	-	87.41	31.59	8.25	29.56	294	341	A	H
802.11n		5428.64	50.62	-23.38	74	40.17	31.67	8.36	29.58	294	341	P	H
HT20		5458.32	41.33	-12.67	54	30.78	31.68	8.46	29.59	294	341	A	H
CH 48		5136.24	51.14	-22.86	74	40.99	31.55	8.15	29.55	302	47	P	V
5240MHz		5047.58	42.16	-11.84	54	32.14	31.52	8.04	29.54	302	47	A	V
	*	5240	104.74	-	-	94.46	31.59	8.25	29.56	302	47	P	V
	*	5240	97.28	-	-	87	31.59	8.25	29.56	302	47	A	V
		5418.28	50.91	-23.09	74	40.46	31.67	8.36	29.58	302	47	P	V
		5458.6	41.47	-12.53	54	30.92	31.68	8.46	29.59	302	47	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.03	-19.17	68.2	57.26	39.44	12.34	60.01	100	0	P	H
		15540	44.95	-29.05	74	49.31	39.08	14.61	58.05	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	48.09	-20.11	68.2	56.32	39.44	12.34	60.01	100	0	P	V
5180MHz		15540	44.55	-29.45	74	48.91	39.08	14.61	58.05	100	0	P	V
													V
													V
		10440	48.14	-20.06	68.2	56.41	39.52	12.36	60.15	100	0	P	H
		15660	45.91	-28.09	74	50.48	38.64	14.67	57.88	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	48.16	-20.04	68.2	56.43	39.52	12.36	60.15	100	0	P	V
5220MHz		15660	44.22	-29.78	74	48.79	38.64	14.67	57.88	100	0	P	V
													V
													V
		10480	48.38	-19.82	68.2	56.68	39.58	12.38	60.26	100	0	P	H
		15720	45.07	-28.93	74	49.79	38.39	14.68	57.79	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	48.13	-20.07	68.2	56.43	39.58	12.38	60.26	100	0	P	V
5240MHz		15720	43.39	-30.61	74	48.11	38.39	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5150	60.34	-13.66	74	50.16	31.56	8.17	29.55	292	341	P	H
		5150	51.26	-2.74	54	41.08	31.56	8.17	29.55	292	341	A	H
	*	5190	100.32	-	-	90.08	31.57	8.22	29.55	292	341	P	H
	*	5190	92.48	-	-	82.24	31.57	8.22	29.55	292	341	A	H
		5411.84	52.46	-21.54	74	42.06	31.67	8.31	29.58	292	341	P	H
		5412.4	43.82	-10.18	54	33.37	31.67	8.36	29.58	292	341	A	H
		5149.76	55.28	-18.72	74	45.1	31.56	8.17	29.55	290	48	P	V
		5150	48.69	-5.31	54	38.51	31.56	8.17	29.55	290	48	A	V
	*	5190	98.23	-	-	87.99	31.57	8.22	29.55	290	48	P	V
	*	5190	90.62	-	-	80.38	31.57	8.22	29.55	290	48	A	V
		5414.08	52.44	-21.56	74	41.99	31.67	8.36	29.58	290	48	P	V
		5412.4	45.62	-8.38	54	35.17	31.67	8.36	29.58	290	48	A	V
802.11n HT40 CH 46 5230MHz		5038.22	51.49	-22.51	74	41.46	31.52	8.04	29.53	297	341	P	H
		5053.82	43.13	-10.87	54	33.09	31.52	8.06	29.54	297	341	A	H
	*	5230	101.82	-	-	91.54	31.59	8.25	29.56	297	341	P	H
	*	5230	94.26	-	-	83.98	31.59	8.25	29.56	297	341	A	H
		5454.4	52.1	-21.9	74	41.55	31.68	8.46	29.59	297	341	P	H
		5453.28	43.73	-10.27	54	33.18	31.68	8.46	29.59	297	341	A	H
		5047.06	51.96	-22.04	74	41.94	31.52	8.04	29.54	301	47	P	V
		5061.36	43.14	-10.86	54	33.09	31.53	8.06	29.54	301	47	A	V
	*	5230	101.62	-	-	91.34	31.59	8.25	29.56	301	47	P	V
	*	5230	93.94	-	-	83.66	31.59	8.25	29.56	301	47	A	V
		5453	53.8	-20.2	74	43.25	31.68	8.46	29.59	301	47	P	V
		5452.16	46.56	-7.44	54	36.01	31.68	8.46	29.59	301	47	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	46.41	-21.79	68.2	54.65	39.46	12.34	60.04	100	0	P	H
		15570	44.71	-29.29	74	49.14	38.95	14.62	58	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	46.54	-21.66	68.2	54.78	39.46	12.34	60.04	100	0	P	V
5190MHz		15570	43.97	-30.03	74	48.4	38.95	14.62	58	100	0	P	V
													V
													V
		10460	45.91	-22.29	68.2	54.19	39.54	12.37	60.19	100	0	P	H
		15690	44.44	-29.56	74	49.08	38.52	14.67	57.83	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	45.43	-22.77	68.2	53.71	39.54	12.37	60.19	100	0	P	V
5230MHz		15690	43.69	-30.31	74	48.33	38.52	14.67	57.83	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.46	57.38	-16.62	74	47.2	31.56	8.17	29.55	305	340	P	H
		5150	49.84	-4.16	54	39.66	31.56	8.17	29.55	305	340	A	H
	*	5210	96.32	-	-	86.05	31.59	8.24	29.56	305	340	P	H
	*	5210	88.92	-	-	78.65	31.59	8.24	29.56	305	340	A	H
		5442.64	50.02	-23.98	74	39.52	31.67	8.41	29.58	305	340	P	H
		5452.72	42.01	-11.99	54	31.46	31.68	8.46	29.59	305	340	A	H
		5148.98	54.54	-19.46	74	44.36	31.56	8.17	29.55	303	47	P	V
		5149.5	47.21	-6.79	54	37.03	31.56	8.17	29.55	303	47	A	V
	*	5210	95.65	-	-	85.38	31.59	8.24	29.56	303	47	P	V
	*	5210	88.39	-	-	78.12	31.59	8.24	29.56	303	47	A	V
		5459.72	50.61	-23.39	74	40.06	31.68	8.46	29.59	303	47	P	V
		5459.16	42.18	-11.82	54	31.63	31.68	8.46	29.59	303	47	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	45.12	-23.08	68.2	53.38	39.5	12.36	60.12	100	0	P	H
		15630	44.85	-29.15	74	49.41	38.7	14.65	57.91	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	45.94	-22.26	68.2	54.2	39.5	12.36	60.12	100	0	P	V
5210MHz		15630	44.82	-29.18	74	49.38	38.7	14.65	57.91	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5116.96	50.53	-23.47	74	40.39	31.55	8.13	29.54	289	339	P	H
		5027.54	42.18	-11.82	54	32.19	31.51	8.01	29.53	289	339	A	H
	*	5260	104.41	-	-	94.1	31.61	8.26	29.56	289	339	P	H
	*	5260	97.08	-	-	86.77	31.61	8.26	29.56	289	339	A	H
		5437.2	50.41	-23.59	74	39.91	31.67	8.41	29.58	289	339	P	H
		5459.52	41.49	-12.51	54	30.94	31.68	8.46	29.59	289	339	A	H
		5061.54	51.45	-22.55	74	41.4	31.53	8.06	29.54	256	39	P	V
		5075.48	42.23	-11.77	54	32.16	31.53	8.08	29.54	256	39	A	V
	*	5260	105.41	-	-	95.1	31.61	8.26	29.56	256	39	P	V
	*	5260	97.86	-	-	87.55	31.61	8.26	29.56	256	39	A	V
		5406.48	49.84	-24.16	74	39.45	31.66	8.31	29.58	256	39	P	V
		5459.04	41.34	-12.66	54	30.79	31.68	8.46	29.59	256	39	A	V
802.11a CH 60 5300MHz		5091.8	51.46	-22.54	74	41.36	31.54	8.1	29.54	269	338	P	H
		5083.3	42.09	-11.91	54	32.02	31.53	8.08	29.54	269	338	A	H
	*	5300	104.54	-	-	94.22	31.62	8.27	29.57	269	338	P	H
	*	5300	97.23	-	-	86.91	31.62	8.27	29.57	269	338	A	H
		5362.8	50.2	-23.8	74	39.82	31.65	8.3	29.57	269	338	P	H
		5350.8	41.55	-12.45	54	31.19	31.64	8.29	29.57	269	338	A	H
		5039.78	50.76	-23.24	74	40.73	31.52	8.04	29.53	248	39	P	V
		5084.32	42.07	-11.93	54	32	31.53	8.08	29.54	248	39	A	V
	*	5300	106.19	-	-	95.87	31.62	8.27	29.57	248	39	P	V
	*	5300	99.02	-	-	88.7	31.62	8.27	29.57	248	39	A	V
		5369.52	51.14	-22.86	74	40.76	31.65	8.3	29.57	248	39	P	V
		5350.08	42.56	-11.44	54	32.2	31.64	8.29	29.57	248	39	A	V

802.11a CH 64 5320MHz	*	5320	103.36	-	-	93.02	31.63	8.28	29.57	253	347	P	H
	*	5320	96.08	-	-	85.74	31.63	8.28	29.57	253	347	A	H
		5350.24	50.17	-23.83	74	39.81	31.64	8.29	29.57	253	347	P	H
		5350.24	44.62	-9.38	54	34.26	31.64	8.29	29.57	253	347	A	H
													H
													H
	*	5320	106.07	-	-	95.73	31.63	8.28	29.57	231	40	P	V
	*	5320	98.81	-	-	88.47	31.63	8.28	29.57	231	40	A	V
		5350.72	54.22	-19.78	74	43.86	31.64	8.29	29.57	231	40	P	V
		5350.08	46.79	-7.21	54	36.43	31.64	8.29	29.57	231	40	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.18	-20.02	68.2	56.51	39.62	12.39	60.34	100	0	P	H
		15780	45.76	-28.24	74	50.55	38.21	14.71	57.71	100	0	P	H
													H
													H
		10520	48.04	-20.16	68.2	56.37	39.62	12.39	60.34	100	0	P	V
		15780	45.18	-28.82	74	49.97	38.21	14.71	57.71	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	48.16	-25.84	74	56.58	39.72	12.41	60.55	100	0	P	H
		15900	45.88	-28.12	74	50.88	37.77	14.77	57.54	100	0	P	H
													H
													H
		10600	47.74	-26.26	74	56.16	39.72	12.41	60.55	100	0	P	V
		15900	44.31	-29.69	74	49.31	37.77	14.77	57.54	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.66	-26.34	74	56.11	39.77	12.41	60.63	100	0	P	H
		15960	46.01	-27.99	74	51.16	37.52	14.78	57.45	100	0	P	H
													H
													H
		10640	48.19	-25.81	74	56.64	39.77	12.41	60.63	100	0	P	V
		15960	44.39	-29.61	74	49.54	37.52	14.78	57.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5052.02	50.65	-23.35	74	40.63	31.52	8.04	29.54	279	338	P	H
		5083.3	42.23	-11.77	54	32.16	31.53	8.08	29.54	279	338	A	H
	*	5260	103.45	-	-	93.14	31.61	8.26	29.56	279	338	P	H
	*	5260	96.29	-	-	85.98	31.61	8.26	29.56	279	338	A	H
802.11n		5364	49.04	-24.96	74	38.66	31.65	8.3	29.57	279	338	P	H
HT20		5459.76	41.03	-12.97	54	30.48	31.68	8.46	29.59	279	338	A	H
CH 52		5036.38	51.09	-22.91	74	41.07	31.51	8.04	29.53	239	39	P	V
5260MHz		5120.36	42.18	-11.82	54	32.05	31.55	8.13	29.55	239	39	A	V
	*	5260	104.73	-	-	94.42	31.61	8.26	29.56	239	39	P	V
	*	5260	97.28	-	-	86.97	31.61	8.26	29.56	239	39	A	V
		5455.44	51.2	-22.8	74	40.65	31.68	8.46	29.59	239	39	P	V
		5458.56	41.37	-12.63	54	30.82	31.68	8.46	29.59	239	39	A	V
		5074.46	50.68	-23.32	74	40.61	31.53	8.08	29.54	287	339	P	H
		5051	42.11	-11.89	54	32.09	31.52	8.04	29.54	287	339	A	H
	*	5300	104.15	-	-	93.83	31.62	8.27	29.57	287	339	P	H
	*	5300	96.7	-	-	86.38	31.62	8.27	29.57	287	339	A	H
802.11n		5371.44	50.24	-23.76	74	39.86	31.65	8.3	29.57	287	339	P	H
HT20		5350.56	41.55	-12.45	54	31.19	31.64	8.29	29.57	287	339	A	H
CH 60		5031.62	50.71	-23.29	74	40.72	31.51	8.01	29.53	243	40	P	V
5300MHz		5070.04	42.18	-11.82	54	32.13	31.53	8.06	29.54	243	40	A	V
	*	5300	105.34	-	-	95.02	31.62	8.27	29.57	243	40	P	V
	*	5300	98.13	-	-	87.81	31.62	8.27	29.57	243	40	A	V
		5356.08	50.6	-23.4	74	40.24	31.64	8.29	29.57	243	40	P	V
		5351.76	42.64	-11.36	54	32.28	31.64	8.29	29.57	243	40	A	V

	*	5320	105.52	-	-	95.18	31.63	8.28	29.57	301	342	P	H
	*	5320	97.9	-	-	87.56	31.63	8.28	29.57	301	342	A	H
		5353.92	52.93	-21.07	74	42.57	31.64	8.29	29.57	301	342	P	H
		5350.08	45.22	-8.78	54	34.86	31.64	8.29	29.57	301	342	A	H
802.11n													H
HT20													H
CH 64	*	5320	106.63	-	-	96.29	31.63	8.28	29.57	296	47	P	V
5320MHz	*	5320	98.99	-	-	88.65	31.63	8.28	29.57	296	47	A	V
		5351.52	54.35	-19.65	74	43.99	31.64	8.29	29.57	296	47	P	V
		5350.08	46.43	-7.57	54	36.07	31.64	8.29	29.57	296	47	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	47.52	-20.68	68.2	55.85	39.62	12.39	60.34	100	0	P	H
		15780	45.77	-28.23	74	50.56	38.21	14.71	57.71	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	51.43	-16.77	68.2	59.76	39.62	12.39	60.34	100	0	P	V
5260MHz		15780	44.6	-29.4	74	49.39	38.21	14.71	57.71	100	0	P	V
													V
													V
		10600	46.49	-27.51	74	54.91	39.72	12.41	60.55	100	0	P	H
		15900	46.79	-27.21	74	51.79	37.77	14.77	57.54	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	49.42	-24.58	74	57.84	39.72	12.41	60.55	100	0	P	V
5300MHz		15900	43.5	-30.5	74	48.5	37.77	14.77	57.54	100	0	P	V
													V
													V
		10640	47.11	-26.89	74	55.56	39.77	12.41	60.63	100	0	P	H
		15960	45.9	-28.1	74	51.05	37.52	14.78	57.45	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	48.53	-25.47	74	56.98	39.77	12.41	60.63	100	0	P	V
5320MHz		15960	44.07	-29.93	74	49.22	37.52	14.78	57.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5002.72	50.96	-23.04	74	41	31.5	7.99	29.53	298	342	P	H
		5069.7	42.93	-11.07	54	32.88	31.53	8.06	29.54	298	342	A	H
	*	5270	102.87	-	-	92.55	31.61	8.27	29.56	298	342	P	H
	*	5270	95.03	-	-	84.71	31.61	8.27	29.56	298	342	A	H
		5396.88	51.26	-22.74	74	40.87	31.66	8.31	29.58	298	342	P	H
		5350.56	43.11	-10.89	54	32.75	31.64	8.29	29.57	298	342	A	H
		5073.78	51.37	-22.63	74	41.3	31.53	8.08	29.54	299	47	P	V
		5044.88	43.05	-10.95	54	33.03	31.52	8.04	29.54	299	47	A	V
	*	5270	102.77	-	-	92.45	31.61	8.27	29.56	299	47	P	V
	*	5270	95.01	-	-	84.69	31.61	8.27	29.56	299	47	A	V
		5353.2	52.78	-21.22	74	42.42	31.64	8.29	29.57	299	47	P	V
		5352	43.53	-10.47	54	33.17	31.64	8.29	29.57	299	47	A	V
802.11n HT40 CH 62 5310MHz		5002.38	51.82	-22.18	74	41.86	31.5	7.99	29.53	297	342	P	H
		5098.26	42.94	-11.06	54	32.84	31.54	8.1	29.54	297	342	A	H
	*	5310	102.07	-	-	91.73	31.63	8.28	29.57	297	342	P	H
	*	5310	94.02	-	-	83.68	31.63	8.28	29.57	297	342	A	H
		5354.4	59.59	-14.41	74	49.23	31.64	8.29	29.57	297	342	P	H
		5350.08	49.91	-4.09	54	39.55	31.64	8.29	29.57	297	342	A	H
		5093.84	50.87	-23.13	74	40.77	31.54	8.1	29.54	294	47	P	V
		5078.2	43.23	-10.77	54	33.16	31.53	8.08	29.54	294	47	A	V
	*	5310	103.26	-	-	92.92	31.63	8.28	29.57	294	47	P	V
	*	5310	95.4	-	-	85.06	31.63	8.28	29.57	294	47	A	V
		5352	57.63	-16.37	74	47.27	31.64	8.29	29.57	294	47	P	V
		5350.32	51.6	-2.4	54	41.24	31.64	8.29	29.57	294	47	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	47.22	-20.98	68.2	55.57	39.64	12.39	60.38	100	0	P	H
		15810	44.3	-29.7	74	49.16	38.08	14.73	57.67	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	46.72	-21.48	68.2	55.07	39.64	12.39	60.38	100	0	P	V
5270MHz		15810	44.13	-29.87	74	48.99	38.08	14.73	57.67	100	0	P	V
													V
													V
		10620	45.43	-28.57	74	53.87	39.74	12.41	60.59	100	0	P	H
		15930	43.54	-30.46	74	48.61	37.65	14.78	57.5	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	46.55	-27.45	74	54.99	39.74	12.41	60.59	100	0	P	V
5310MHz		15930	44.7	-29.3	74	49.77	37.65	14.78	57.5	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5120.36	51.78	-22.22	74	41.65	31.55	8.13	29.55	298	342	P	H
		5070.72	43.1	-10.9	54	33.03	31.53	8.08	29.54	298	342	A	H
	*	5290	97.22	-	-	86.9	31.61	8.27	29.56	298	342	P	H
	*	5290	89.54	-	-	79.22	31.61	8.27	29.56	298	342	A	H
		5357.28	56.11	-17.89	74	45.75	31.64	8.29	29.57	298	342	P	H
		5353.2	47.03	-6.97	54	36.67	31.64	8.29	29.57	298	342	A	H
		5075.14	51.66	-22.34	74	41.59	31.53	8.08	29.54	296	45	P	V
		5032.64	43.09	-10.91	54	33.1	31.51	8.01	29.53	296	45	A	V
	*	5290	97.99	-	-	87.67	31.61	8.27	29.56	296	45	P	V
	*	5290	90.29	-	-	79.97	31.61	8.27	29.56	296	45	A	V
		5350.8	56.35	-17.65	74	45.99	31.64	8.29	29.57	296	45	P	V
		5350.56	48.38	-5.62	54	38.02	31.64	8.29	29.57	296	45	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	46.73	-21.47	68.2	55.14	39.7	12.4	60.51	100	0	P	H
		15870	43.01	-30.99	74	48	37.83	14.75	57.57	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	45.09	-23.11	68.2	53.5	39.7	12.4	60.51	100	0	P	V
5290MHz		15870	45.39	-28.61	74	50.38	37.83	14.75	57.57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5429.04	51.15	-22.85	74	40.7	31.67	8.36	29.58	201	56	P	H
		5464.56	52.51	-15.69	68.2	41.95	31.69	8.46	29.59	201	56	P	H
		5459.12	42.41	-11.59	54	31.86	31.68	8.46	29.59	201	56	A	H
	*	5500	102.55	-	-	91.88	31.7	8.56	29.59	201	56	P	H
	*	5500	95.21	-	-	84.54	31.7	8.56	29.59	201	56	A	H
													H
		5454	52.18	-21.82	74	41.63	31.68	8.46	29.59	191	52	P	V
		5466.96	53.77	-14.43	68.2	43.16	31.69	8.51	29.59	191	52	P	V
		5460	43.88	-10.12	54	33.33	31.68	8.46	29.59	191	52	A	V
	*	5500	106.31	-	-	95.64	31.7	8.56	29.59	191	52	P	V
	*	5500	98.85	-	-	88.18	31.7	8.56	29.59	191	52	A	V
													V
802.11a CH 116 5580MHz		5432.8	49.28	-24.72	74	38.78	31.67	8.41	29.58	192	56	P	H
		5463.52	50.48	-17.72	68.2	39.92	31.69	8.46	29.59	192	56	P	H
		5458.24	41.37	-12.63	54	30.82	31.68	8.46	29.59	192	56	A	H
	*	5580	104.37	-	-	93.38	31.82	8.8	29.63	192	56	P	H
	*	5580	97.08	-	-	86.09	31.82	8.8	29.63	192	56	A	H
		5765	51.25	-16.95	68.2	39.98	32.17	8.81	29.71	192	56	P	H
		5394.64	49.75	-24.25	74	39.36	31.66	8.31	29.58	188	53	P	V
		5463.76	49.7	-18.5	68.2	39.14	31.69	8.46	29.59	188	53	P	V
		5459.92	41.53	-12.47	54	30.98	31.68	8.46	29.59	188	53	A	V
	*	5580	105.23	-	-	94.24	31.82	8.8	29.63	188	53	P	V
	*	5580	97.88	-	-	86.89	31.82	8.8	29.63	188	53	A	V
		5728.145	50.2	-18	68.2	38.96	32.1	8.82	29.68	188	53	P	V

802.11a CH 140 5700MHz	*	5700	104.3	-	-	93.11	32.04	8.82	29.67	190	56	P	H
	*	5700	97	-	-	85.81	32.04	8.82	29.67	190	56	A	H
		5725.4	52.33	-15.87	68.2	41.09	32.1	8.82	29.68	190	56	P	H
													H
													H
													H
	*	5700	105.03	-	-	93.84	32.04	8.82	29.67	199	358	P	V
	*	5700	97.76	-	-	86.57	32.04	8.82	29.67	199	358	A	V
		5730.52	52.95	-15.25	68.2	41.72	32.1	8.82	29.69	199	358	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	46.1	-27.9	74	54.89	40.2	12.51	61.5	100	0	P	H
		16500	45.57	-22.63	68.2	48.75	39.2	14.92	57.3	100	0	P	H
													H
													H
		11000	45.92	-28.08	74	54.71	40.2	12.51	61.5	100	0	P	V
		16500	44.96	-23.24	68.2	48.14	39.2	14.92	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	45.17	-28.83	74	54.01	40.1	12.59	61.53	100	0	P	H
		16740	45.72	-22.48	68.2	48.09	39.49	14.96	56.82	100	0	P	H
													H
													H
		11160	45.42	-28.58	74	54.26	40.1	12.59	61.53	100	0	P	V
		16740	45.93	-22.27	68.2	48.3	39.49	14.96	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	44.97	-29.03	74	53.87	39.96	12.72	61.58	100	0	P	H
		17100	48.44	-19.76	68.2	49.38	40.08	15.06	56.08	100	0	P	H
													H
													H
		11400	45.17	-28.83	74	54.07	39.96	12.72	61.58	100	0	P	V
		17100	46.98	-21.22	68.2	47.92	40.08	15.06	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5437.84	50.39	-23.61	74	39.89	31.67	8.41	29.58	200	56	P	H
		5470	51.93	-16.27	68.2	41.32	31.69	8.51	29.59	200	56	P	H
		5458.8	42.09	-11.91	54	31.54	31.68	8.46	29.59	200	56	A	H
	*	5500	101.54	-	-	90.87	31.7	8.56	29.59	200	56	P	H
802.11n	*	5500	94.23	-	-	83.56	31.7	8.56	29.59	200	56	A	H
HT20													H
CH 100		5459.76	51.77	-22.23	74	41.22	31.68	8.46	29.59	197	53	P	V
5500MHz		5467.92	52.51	-15.69	68.2	41.9	31.69	8.51	29.59	197	53	P	V
		5459.76	43.65	-10.35	54	33.1	31.68	8.46	29.59	197	53	A	V
	*	5500	105.38	-	-	94.71	31.7	8.56	29.59	197	53	P	V
	*	5500	98.14	-	-	87.47	31.7	8.56	29.59	197	53	A	V
													V
		5448.16	49.42	-24.58	74	38.86	31.68	8.46	29.58	191	55	P	H
		5463.04	49.31	-18.89	68.2	38.75	31.69	8.46	29.59	191	55	P	H
		5458.24	41.13	-12.87	54	30.58	31.68	8.46	29.59	191	55	A	H
	*	5580	103.56	-	-	92.57	31.82	8.8	29.63	191	55	P	H
802.11n	*	5580	96.11	-	-	85.12	31.82	8.8	29.63	191	55	A	H
HT20		5754.605	50.32	-17.88	68.2	39.03	32.17	8.81	29.69	191	55	P	H
CH 116		5398.72	49.73	-24.27	74	39.34	31.66	8.31	29.58	196	355	P	V
5580MHz		5460.16	49.44	-18.76	68.2	38.89	31.68	8.46	29.59	196	355	P	V
		5457.52	41.33	-12.67	54	30.78	31.68	8.46	29.59	196	355	A	V
	*	5580	105.24	-	-	94.25	31.82	8.8	29.63	196	355	P	V
	*	5580	97.77	-	-	86.78	31.82	8.8	29.63	196	355	A	V
		5744.21	51.81	-16.39	68.2	40.56	32.13	8.81	29.69	196	355	P	V

	*	5700	104.82	-	-	93.63	32.04	8.82	29.67	186	56	P	H
	*	5700	97.31	-	-	86.12	32.04	8.82	29.67	186	56	A	H
		5727.48	53.89	-14.31	68.2	42.65	32.1	8.82	29.68	186	56	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	105.22	-	-	94.03	32.04	8.82	29.67	200	357	P	V
5700MHz	*	5700	97.87	-	-	86.68	32.04	8.82	29.67	200	357	A	V
		5725	54.44	-13.76	68.2	43.2	32.1	8.82	29.68	200	357	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	45.7	-28.3	74	54.49	40.2	12.51	61.5	100	0	P	H
		16500	46	-22.2	68.2	49.18	39.2	14.92	57.3	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	46.38	-27.62	74	55.17	40.2	12.51	61.5	100	0	P	V
5500MHz		16500	44.5	-23.7	68.2	47.68	39.2	14.92	57.3	100	0	P	V
													V
													V
		11160	45.59	-28.41	74	54.43	40.1	12.59	61.53	100	0	P	H
		16740	46.17	-22.03	68.2	48.54	39.49	14.96	56.82	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	45.34	-28.66	74	54.18	40.1	12.59	61.53	100	0	P	V
5580MHz		16740	46.13	-22.07	68.2	48.5	39.49	14.96	56.82	100	0	P	V
													V
													V
		11400	45.93	-28.07	74	54.83	39.96	12.72	61.58	100	0	P	H
		17100	48.57	-19.63	68.2	49.51	40.08	15.06	56.08	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	45.49	-28.51	74	54.39	39.96	12.72	61.58	100	0	P	V
5700MHz		17100	47.03	-21.17	68.2	47.97	40.08	15.06	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5459.68	51.95	-22.05	74	41.4	31.68	8.46	29.59	189	59	P	H
		5466.88	57.22	-10.98	68.2	46.61	31.69	8.51	29.59	189	59	P	H
		5458.72	46.69	-7.31	54	36.14	31.68	8.46	29.59	189	59	A	H
	*	5510	100.24	-	-	89.54	31.7	8.6	29.6	189	59	P	H
	*	5510	92.17	-	-	81.47	31.7	8.6	29.6	189	59	A	H
		5755.55	50.87	-17.33	68.2	39.58	32.17	8.81	29.69	189	59	P	H
		5458.72	57.8	-16.2	74	47.25	31.68	8.46	29.59	206	52	P	V
		5469.04	61.81	-6.39	68.2	51.2	31.69	8.51	29.59	206	52	P	V
		5459.92	50.28	-3.72	54	39.73	31.68	8.46	29.59	206	52	A	V
	*	5510	104.29	-	-	93.59	31.7	8.6	29.6	206	52	P	V
	*	5510	96.27	-	-	85.57	31.7	8.6	29.6	206	52	A	V
		5732.87	51.17	-17.03	68.2	39.94	32.1	8.82	29.69	206	52	P	V
802.11n HT40 CH 110 5550MHz		5429.68	50.06	-23.94	74	39.61	31.67	8.36	29.58	196	56	P	H
		5469.76	50.3	-17.9	68.2	39.69	31.69	8.51	29.59	196	56	P	H
		5434.48	42.1	-11.9	54	31.6	31.67	8.41	29.58	196	56	A	H
	*	5550	101.74	-	-	90.86	31.79	8.7	29.61	196	56	P	H
	*	5550	93.49	-	-	82.61	31.79	8.7	29.61	196	56	A	H
		5726.255	51.22	-16.98	68.2	39.98	32.1	8.82	29.68	196	56	P	H
		5452.24	50.84	-23.16	74	40.29	31.68	8.46	29.59	206	51	P	V
		5465.92	51.61	-16.59	68.2	41.05	31.69	8.46	29.59	206	51	P	V
		5458.48	42.63	-11.37	54	32.08	31.68	8.46	29.59	206	51	A	V
	*	5550	103.79	-	-	92.91	31.79	8.7	29.61	206	51	P	V
	*	5550	95.49	-	-	84.61	31.79	8.7	29.61	206	51	A	V
		5729.405	50.92	-17.28	68.2	39.68	32.1	8.82	29.68	206	51	P	V

		5403.55	49.2	-24.8	74	38.81	31.66	8.31	29.58	186	55	P	H
		5462.35	49.66	-18.54	68.2	39.11	31.68	8.46	29.59	186	55	P	H
		5447.65	41.92	-12.08	54	31.41	31.68	8.41	29.58	186	55	A	H
	*	5670	102.09	-	-	90.91	32.01	8.83	29.66	186	55	P	H
802.11n	*	5670	94.48	-	-	83.3	32.01	8.83	29.66	186	55	A	H
HT40		5733.185	53.5	-14.7	68.2	42.27	32.1	8.82	29.69	186	55	P	H
CH 134		5434.7	49.26	-24.74	74	38.76	31.67	8.41	29.58	190	357	P	V
5670MHz		5469.7	46.91	-21.29	68.2	36.3	31.69	8.51	29.59	190	357	P	V
		5446.95	42.61	-11.39	54	32.1	31.68	8.41	29.58	190	357	A	V
	*	5670	103.07	-	-	91.89	32.01	8.83	29.66	190	357	P	V
	*	5670	95.4	-	-	84.22	32.01	8.83	29.66	190	357	A	V
		5730.35	55.23	-12.97	68.2	44	32.1	8.82	29.69	190	357	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	46.22	-27.78	74	55	40.19	12.53	61.5	100	0	P	H
		16530	45.28	-22.92	68.2	48.35	39.24	14.92	57.23	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	45.64	-28.36	74	54.42	40.19	12.53	61.5	100	0	P	V
5510MHz		16530	44.04	-24.16	68.2	47.11	39.24	14.92	57.23	100	0	P	V
													V
													V
		11100	45.76	-28.24	74	54.58	40.14	12.56	61.52	100	0	P	H
		16650	45.84	-22.36	68.2	48.49	39.39	14.95	56.99	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	46.32	-27.68	74	55.14	40.14	12.56	61.52	100	0	P	V
5550MHz		16650	45.23	-22.97	68.2	47.88	39.39	14.95	56.99	100	0	P	V
													V
													V
		11340	45.28	-28.72	74	54.17	40	12.68	61.57	100	0	P	H
		17010	48.67	-19.53	68.2	50.06	39.85	15.02	56.26	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	44.94	-29.06	74	53.83	40	12.68	61.57	100	0	P	V
5670MHz		17010	46.52	-21.68	68.2	47.91	39.85	15.02	56.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5453.92	49.97	-24.03	74	39.42	31.68	8.46	29.59	196	54	P	H
		5462.56	51.49	-16.71	68.2	40.93	31.69	8.46	29.59	196	54	P	H
		5454.88	43.61	-10.39	54	33.06	31.68	8.46	29.59	196	54	A	H
	*	5530	95.07	-	-	84.3	31.73	8.65	29.61	196	54	P	H
	*	5530	86.78	-	-	76.01	31.73	8.65	29.61	196	54	A	H
		5730.98	50.4	-17.8	68.2	39.17	32.1	8.82	29.69	196	54	P	H
		5450.08	51.86	-22.14	74	41.31	31.68	8.46	29.59	188	54	P	V
		5465.68	53.56	-14.64	68.2	43	31.69	8.46	29.59	188	54	P	V
		5457.52	44.96	-9.04	54	34.41	31.68	8.46	29.59	188	54	A	V
	*	5530	97.98	-	-	87.21	31.73	8.65	29.61	188	54	P	V
	*	5530	89.86	-	-	79.09	31.73	8.65	29.61	188	54	A	V
		5758.385	51.48	-16.72	68.2	40.21	32.17	8.81	29.71	188	54	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	45.05	-28.95	74	53.85	40.16	12.55	61.51	100	0	P	H
		16590	47.59	-20.61	68.2	50.49	39.3	14.93	57.13	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	46.1	-27.9	74	54.9	40.16	12.55	61.51	100	0	P	V
5530MHz		16590	45.69	-22.51	68.2	48.59	39.3	14.93	57.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		98.31	38.88	-4.62	43.5	53.91	15.91	1.35	32.29	100	0	P	H
		155.28	37	-6.5	43.5	50.83	16.89	1.56	32.28	-	-	P	H
		244.65	30.34	-15.66	46	42.67	17.93	1.95	32.21	-	-	P	H
		561.8	26.59	-19.41	46	29.97	25.95	2.88	32.21	-	-	P	H
		739.6	30.05	-15.95	46	31.08	27.87	3.2	32.1	-	-	P	H
		939.8	34.5	-11.5	46	31.87	30.08	3.7	31.15	-	-	P	H
													H
													H
													H
													H
													H
													H
		31.08	30.33	-9.67	40	37.92	23.96	0.79	32.34	-	-	P	V
		97.77	35.89	-7.61	43.5	50.92	15.91	1.35	32.29	100	0	P	V
		158.52	35.51	-7.99	43.5	49.47	16.76	1.56	32.28	-	-	P	V
		610.1	27.46	-18.54	46	31.02	25.74	2.91	32.21	-	-	P	V
		754.3	30.35	-15.65	46	31.14	28.05	3.23	32.07	-	-	P	V
		955.9	34.2	-11.8	46	30.53	30.96	3.71	31	-	-	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5055.9	51.27	-22.73	74	41.22	31.53	8.06	29.54	240	0	P	H
		5147.16	42.2	-11.8	54	32.02	31.56	8.17	29.55	240	0	A	H
	*	5180	101.81	-	-	91.57	31.57	8.22	29.55	240	0	P	H
	*	5180	94.62	-	-	84.38	31.57	8.22	29.55	240	0	A	H
													H
													H
		5124.02	51.43	-22.57	74	41.3	31.55	8.13	29.55	272	0	P	V
		5058.5	42.24	-11.76	54	32.19	31.53	8.06	29.54	272	0	A	V
	*	5180	101.45	-	-	91.21	31.57	8.22	29.55	272	0	P	V
	*	5180	94.29	-	-	84.05	31.57	8.22	29.55	272	0	A	V
													V
													V
802.11a CH 44 5220MHz		5060.06	51.25	-22.75	74	41.2	31.53	8.06	29.54	235	5	P	H
		5050.7	42.28	-11.72	54	32.26	31.52	8.04	29.54	235	5	A	H
	*	5220	103.03	-	-	92.75	31.59	8.25	29.56	235	5	P	H
	*	5220	95.95	-	-	85.67	31.59	8.25	29.56	235	5	A	H
		5397	51.35	-22.65	74	40.96	31.66	8.31	29.58	235	5	P	H
		5455.52	41.37	-12.63	54	30.82	31.68	8.46	29.59	235	5	A	H
		5042.64	52.01	-21.99	74	41.99	31.52	8.04	29.54	268	47	P	V
		5053.3	42.35	-11.65	54	32.31	31.52	8.06	29.54	268	47	A	V
	*	5220	102.64	-	-	92.36	31.59	8.25	29.56	268	47	P	V
	*	5220	95.26	-	-	84.98	31.59	8.25	29.56	268	47	A	V
		5444.32	50.41	-23.59	74	39.91	31.67	8.41	29.58	268	47	P	V
		5453.56	41.41	-12.59	54	30.86	31.68	8.46	29.59	268	47	A	V

802.11a CH 48 5240MHz		5048.36	50.8	-23.2	74	40.78	31.52	8.04	29.54	277	0	P	H
		5065.26	42.27	-11.73	54	32.22	31.53	8.06	29.54	277	0	A	H
	*	5240	103.18	-	-	92.9	31.59	8.25	29.56	277	0	P	H
	*	5240	95.65	-	-	85.37	31.59	8.25	29.56	277	0	A	H
		5414.64	49.94	-24.06	74	39.49	31.67	8.36	29.58	277	0	P	H
		5455.52	41.49	-12.51	54	30.94	31.68	8.46	29.59	277	0	A	H
		5043.16	51.55	-22.45	74	41.53	31.52	8.04	29.54	264	47	P	V
		5116.22	42.22	-11.78	54	32.08	31.55	8.13	29.54	264	47	A	V
	*	5240	103.04	-	-	92.76	31.59	8.25	29.56	264	47	P	V
	*	5240	95.62	-	-	85.34	31.59	8.25	29.56	264	47	A	V
		5448.8	49.83	-24.17	74	39.27	31.68	8.46	29.58	264	47	P	V
		5446	41.26	-12.74	54	30.75	31.68	8.41	29.58	264	47	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.92	-20.28	68.2	56.15	39.44	12.34	60.01	100	0	P	H
		15540	46.55	-27.45	74	50.91	39.08	14.61	58.05	100	0	P	H
													H
													H
		10360	49.02	-19.18	68.2	57.25	39.44	12.34	60.01	100	0	P	V
		15540	45.48	-28.52	74	49.84	39.08	14.61	58.05	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	49.32	-18.88	68.2	57.59	39.52	12.36	60.15	100	0	P	H
		15660	44.37	-29.63	74	48.94	38.64	14.67	57.88	100	0	P	H
													H
													H
		10440	49.87	-18.33	68.2	58.14	39.52	12.36	60.15	100	0	P	V
		15660	44.37	-29.63	74	48.94	38.64	14.67	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.4	-20.8	68.2	55.7	39.58	12.38	60.26	100	0	P	H
		15720	44.24	-29.76	74	48.96	38.39	14.68	57.79	100	0	P	H
													H
													H
		10480	46.96	-21.24	68.2	55.26	39.58	12.38	60.26	100	0	P	V
		15720	43.98	-30.02	74	48.7	38.39	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5125.32	52.19	-21.81	74	42.04	31.55	8.15	29.55	240	3	P	H
		5120.9	42.2	-11.8	54	32.07	31.55	8.13	29.55	240	3	A	H
	*	5180	102.53	-	-	92.29	31.57	8.22	29.55	240	3	P	H
	*	5180	94.96	-	-	84.72	31.57	8.22	29.55	240	3	A	H
802.11n													H
HT20													H
CH 36		5127.66	52.2	-21.8	74	42.05	31.55	8.15	29.55	270	0	P	V
5180MHz		5017.68	42.23	-11.77	54	32.24	31.51	8.01	29.53	270	0	A	V
	*	5180	100.76	-	-	90.52	31.57	8.22	29.55	270	0	P	V
	*	5180	93.22	-	-	82.98	31.57	8.22	29.55	270	0	A	V
													V
													V
		5128.18	50.91	-23.09	74	40.76	31.55	8.15	29.55	227	8	P	H
		5045.5	42.38	-11.62	54	32.36	31.52	8.04	29.54	227	8	A	H
	*	5220	102.38	-	-	92.1	31.59	8.25	29.56	227	8	P	H
	*	5220	94.95	-	-	84.67	31.59	8.25	29.56	227	8	A	H
802.11n		5453	49.92	-24.08	74	39.37	31.68	8.46	29.59	227	8	P	H
HT20		5453	41.57	-12.43	54	31.02	31.68	8.46	29.59	227	8	A	H
CH 44		5054.34	51.2	-22.8	74	41.16	31.52	8.06	29.54	273	2	P	V
5220MHz		5072.8	42.41	-11.59	54	32.34	31.53	8.08	29.54	273	2	A	V
	*	5220	101.56	-	-	91.28	31.59	8.25	29.56	273	2	P	V
	*	5220	93.89	-	-	83.61	31.59	8.25	29.56	273	2	A	V
		5366.48	49.72	-24.28	74	39.34	31.65	8.3	29.57	273	2	P	V
		5451.6	41.42	-12.58	54	30.87	31.68	8.46	29.59	273	2	A	V

		5003.64	51.48	-22.52	74	41.51	31.51	7.99	29.53	240	10	P	H
		5045.76	42.15	-11.85	54	32.13	31.52	8.04	29.54	240	10	A	H
	*	5240	102.82	-	-	92.54	31.59	8.25	29.56	240	10	P	H
	*	5240	95.4	-	-	85.12	31.59	8.25	29.56	240	10	A	H
802.11n		5397	49.64	-24.36	74	39.25	31.66	8.31	29.58	240	10	P	H
HT20		5454.4	41.29	-12.71	54	30.74	31.68	8.46	29.59	240	10	A	H
CH 48		5089.44	51.87	-22.13	74	41.77	31.54	8.1	29.54	273	26	P	V
5240MHz		5027.04	42.19	-11.81	54	32.2	31.51	8.01	29.53	273	26	A	V
	*	5240	101.85	-	-	91.57	31.59	8.25	29.56	273	26	P	V
	*	5240	93.95	-	-	83.67	31.59	8.25	29.56	273	26	A	V
		5455.8	50.36	-23.64	74	39.81	31.68	8.46	29.59	273	26	P	V
		5454.96	41.37	-12.63	54	30.82	31.68	8.46	29.59	273	26	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	47.45	-20.75	68.2	55.68	39.44	12.34	60.01	100	0	P	H
		15540	45.13	-28.87	74	49.49	39.08	14.61	58.05	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	46.74	-21.46	68.2	54.97	39.44	12.34	60.01	100	0	P	V
5180MHz		15540	45.5	-28.5	74	49.86	39.08	14.61	58.05	100	0	P	V
													V
													V
		10440	48.71	-19.49	68.2	56.98	39.52	12.36	60.15	100	0	P	H
		15660	44.24	-29.76	74	48.81	38.64	14.67	57.88	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	46.92	-21.28	68.2	55.19	39.52	12.36	60.15	100	0	P	V
5220MHz		15660	44.93	-29.07	74	49.5	38.64	14.67	57.88	100	0	P	V
													V
													V
		10480	49.78	-18.42	68.2	58.08	39.58	12.38	60.26	100	0	P	H
		15720	43.97	-30.03	74	48.69	38.39	14.68	57.79	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	47.31	-20.89	68.2	55.61	39.58	12.38	60.26	100	0	P	V
5240MHz		15720	44.92	-29.08	74	49.64	38.39	14.68	57.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	52.33	-21.67	74	42.15	31.56	8.17	29.55	269	10	P	H
		5150	47.72	-6.28	54	37.54	31.56	8.17	29.55	269	10	A	H
	*	5190	98.25	-	-	88.01	31.57	8.22	29.55	269	10	P	H
	*	5190	91.47	-	-	81.23	31.57	8.22	29.55	269	10	A	H
802.11n		5412.68	50.39	-23.61	74	39.94	31.67	8.36	29.58	269	10	P	H
HT40		5413.8	44.13	-9.87	54	33.68	31.67	8.36	29.58	269	10	A	H
CH 38		5140.4	53.18	-20.82	74	43.02	31.56	8.15	29.55	253	9	P	V
5190MHz		5150	45.73	-8.27	54	35.55	31.56	8.17	29.55	253	9	A	V
	*	5190	98.21	-	-	87.97	31.57	8.22	29.55	253	9	P	V
	*	5190	90.71	-	-	80.47	31.57	8.22	29.55	253	9	A	V
		5440.96	49.8	-24.2	74	39.3	31.67	8.41	29.58	253	9	P	V
		5415.2	42.56	-11.44	54	32.11	31.67	8.36	29.58	253	9	A	V
		5124.54	50.73	-23.27	74	40.58	31.55	8.15	29.55	239	10	P	H
		5050.18	42.79	-11.21	54	32.77	31.52	8.04	29.54	239	10	A	H
	*	5230	98.99	-	-	88.71	31.59	8.25	29.56	239	10	P	H
	*	5230	91.77	-	-	81.49	31.59	8.25	29.56	239	10	A	H
802.11n		5453.28	49.8	-24.2	74	39.25	31.68	8.46	29.59	239	10	P	H
HT40		5453.56	43.17	-10.83	54	32.62	31.68	8.46	29.59	239	10	A	H
CH 46		5021.32	51.53	-22.47	74	41.54	31.51	8.01	29.53	247	9	P	V
5230MHz		5087.1	43.09	-10.91	54	33.02	31.53	8.08	29.54	247	9	A	V
	*	5230	98.82	-	-	88.54	31.59	8.25	29.56	247	9	P	V
	*	5230	92.09	-	-	81.81	31.59	8.25	29.56	247	9	A	V
		5452.44	49.64	-24.36	74	39.09	31.68	8.46	29.59	247	9	P	V
		5452.16	43.95	-10.05	54	33.4	31.68	8.46	29.59	247	9	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	46.16	-22.04	68.2	54.4	39.46	12.34	60.04	100	0	P	H
		15570	45.1	-28.9	74	49.53	38.95	14.62	58	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	45.73	-22.47	68.2	53.97	39.46	12.34	60.04	100	0	P	V
5190MHz		15570	44.68	-29.32	74	49.11	38.95	14.62	58	100	0	P	V
													V
													V
		10460	48.02	-20.18	68.2	56.3	39.54	12.37	60.19	100	0	P	H
		15690	44.67	-29.33	74	49.31	38.52	14.67	57.83	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	45.94	-22.26	68.2	54.22	39.54	12.37	60.19	100	0	P	V
5230MHz		15690	45.03	-28.97	74	49.67	38.52	14.67	57.83	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5082.42	51.26	-22.74	74	41.19	31.53	8.08	29.54	250	12	P	H
		5146.64	43.99	-10.01	54	33.81	31.56	8.17	29.55	250	12	A	H
	*	5210	92.96	-	-	82.69	31.59	8.24	29.56	250	12	P	H
	*	5210	85.93	-	-	75.66	31.59	8.24	29.56	250	12	A	H
		5418.28	50.1	-23.9	74	39.65	31.67	8.36	29.58	250	12	P	H
		5459.44	41.87	-12.13	54	31.32	31.68	8.46	29.59	250	12	A	H
		5026	51.71	-22.29	74	41.72	31.51	8.01	29.53	260	10	P	V
		5147.16	44.44	-9.56	54	34.26	31.56	8.17	29.55	260	10	A	V
	*	5210	92.36	-	-	82.09	31.59	8.24	29.56	260	10	P	V
	*	5210	85.24	-	-	74.97	31.59	8.24	29.56	260	10	A	V
		5455.52	49.59	-24.41	74	39.04	31.68	8.46	29.59	260	10	P	V
		5460	41.7	-12.3	54	31.15	31.68	8.46	29.59	260	10	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	46.03	-22.17	68.2	54.29	39.5	12.36	60.12	100	0	P	H
		15630	44.48	-29.52	74	49.04	38.7	14.65	57.91	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	45.81	-22.39	68.2	54.07	39.5	12.36	60.12	100	0	P	V
5210MHz		15630	44.26	-29.74	74	48.82	38.7	14.65	57.91	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5046.24	50.61	-23.39	74	40.59	31.52	8.04	29.54	264	13	P	H
		5071.74	42.2	-11.8	54	32.13	31.53	8.08	29.54	264	13	A	H
	*	5260	103.01	-	-	92.7	31.61	8.26	29.56	264	13	P	H
	*	5260	95.72	-	-	85.41	31.61	8.26	29.56	264	13	A	H
		5434.32	49.76	-24.24	74	39.26	31.67	8.41	29.58	264	13	P	H
		5455.92	41.23	-12.77	54	30.68	31.68	8.46	29.59	264	13	A	H
		5056.78	50.31	-23.69	74	40.26	31.53	8.06	29.54	259	11	P	V
		5036.72	42.23	-11.77	54	32.21	31.51	8.04	29.53	259	11	A	V
	*	5260	102.3	-	-	91.99	31.61	8.26	29.56	259	11	P	V
	*	5260	94.9	-	-	84.59	31.61	8.26	29.56	259	11	A	V
		5442.48	49.1	-24.9	74	38.6	31.67	8.41	29.58	259	11	P	V
		5454.48	41.48	-12.52	54	30.93	31.68	8.46	29.59	259	11	A	V
802.11a CH 60 5300MHz		5071.06	51.08	-22.92	74	41.01	31.53	8.08	29.54	232	10	P	H
		5082.62	42.26	-11.74	54	32.19	31.53	8.08	29.54	232	10	A	H
	*	5300	103.94	-	-	93.62	31.62	8.27	29.57	232	10	P	H
	*	5300	96.98	-	-	86.66	31.62	8.27	29.57	232	10	A	H
		5359.2	50.63	-23.37	74	40.26	31.64	8.3	29.57	232	10	P	H
		5359.68	41.46	-12.54	54	31.09	31.64	8.3	29.57	232	10	A	H
		5123.76	51.09	-22.91	74	40.96	31.55	8.13	29.55	241	36	P	V
		5098.6	42.21	-11.79	54	32.11	31.54	8.1	29.54	241	36	A	V
	*	5300	103.37	-	-	93.05	31.62	8.27	29.57	241	36	P	V
	*	5300	95.91	-	-	85.59	31.62	8.27	29.57	241	36	A	V
		5409.84	51.04	-22.96	74	40.65	31.66	8.31	29.58	241	36	P	V
		5451.12	41.19	-12.81	54	30.64	31.68	8.46	29.59	241	36	A	V

802.11a CH 64 5320MHz	*	5320	104.2	-	-	93.86	31.63	8.28	29.57	247	12	P	H
	*	5320	97.15	-	-	86.81	31.63	8.28	29.57	247	12	A	H
		5378.24	51.27	-22.73	74	40.9	31.65	8.3	29.58	247	12	P	H
		5352.8	41.87	-12.13	54	31.51	31.64	8.29	29.57	247	12	A	H
													H
													H
	*	5320	103.55	-	-	93.21	31.63	8.28	29.57	251	36	P	V
	*	5320	96.13	-	-	85.79	31.63	8.28	29.57	251	36	A	V
		5387.04	50.12	-23.88	74	39.75	31.65	8.3	29.58	251	36	P	V
		5359.84	41.64	-12.36	54	31.27	31.64	8.3	29.57	251	36	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	49.17	-19.03	68.2	57.5	39.62	12.39	60.34	100	0	P	H
		15780	44.37	-29.63	74	49.16	38.21	14.71	57.71	100	0	P	H
													H
													H
		10520	46.38	-21.82	68.2	54.71	39.62	12.39	60.34	100	0	P	V
		15780	44.36	-29.64	74	49.15	38.21	14.71	57.71	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	48.84	-25.16	74	57.26	39.72	12.41	60.55	100	0	P	H
		15900	46.35	-27.65	74	51.35	37.77	14.77	57.54	100	0	P	H
													H
													H
		10600	46.22	-27.78	74	54.64	39.72	12.41	60.55	100	0	P	V
		15900	43.95	-30.05	74	48.95	37.77	14.77	57.54	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	48.25	-25.75	74	56.7	39.77	12.41	60.63	100	0	P	H
		15960	44.45	-29.55	74	49.6	37.52	14.78	57.45	100	0	P	H
													H
													H
		10640	46.15	-27.85	74	54.6	39.77	12.41	60.63	100	0	P	V
		15960	45.5	-28.5	74	50.65	37.52	14.78	57.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5056.78	50.51	-23.49	74	40.46	31.53	8.06	29.54	252	10	P	H
		5082.28	42.06	-11.94	54	31.99	31.53	8.08	29.54	252	10	A	H
	*	5260	102.33	-	-	92.02	31.61	8.26	29.56	252	10	P	H
	*	5260	94.69	-	-	84.38	31.61	8.26	29.56	252	10	A	H
802.11n		5398.56	50.33	-23.67	74	39.94	31.66	8.31	29.58	252	10	P	H
HT20		5439.84	41.27	-12.73	54	30.77	31.67	8.41	29.58	252	10	A	H
CH 52		5134.3	51.03	-22.97	74	40.88	31.55	8.15	29.55	270	41	P	V
5260MHz		5069.02	42.22	-11.78	54	32.17	31.53	8.06	29.54	270	41	A	V
	*	5260	103.32	-	-	93.01	31.61	8.26	29.56	270	41	P	V
	*	5260	95.56	-	-	85.25	31.61	8.26	29.56	270	41	A	V
		5454.48	49.93	-24.07	74	39.38	31.68	8.46	29.59	270	41	P	V
		5448.96	41.09	-12.91	54	30.53	31.68	8.46	29.58	270	41	A	V
		5048.96	52.06	-21.94	74	42.04	31.52	8.04	29.54	232	7	P	H
		5062.22	42.19	-11.81	54	32.14	31.53	8.06	29.54	232	7	A	H
	*	5300	104.05	-	-	93.73	31.62	8.27	29.57	232	7	P	H
	*	5300	96.95	-	-	86.63	31.62	8.27	29.57	232	7	A	H
802.11n		5437.92	49.97	-24.03	74	39.47	31.67	8.41	29.58	232	7	P	H
HT20		5359.2	41.44	-12.56	54	31.07	31.64	8.3	29.57	232	7	A	H
CH 60		5008.5	50.85	-23.15	74	40.88	31.51	7.99	29.53	269	41	P	V
5300MHz		5097.24	42.14	-11.86	54	32.04	31.54	8.1	29.54	269	41	A	V
	*	5300	102.32	-	-	92	31.62	8.27	29.57	269	41	P	V
	*	5300	94.31	-	-	83.99	31.62	8.27	29.57	269	41	A	V
		5394.48	49.77	-24.23	74	39.39	31.65	8.31	29.58	269	41	P	V
		5453.04	41.37	-12.63	54	30.82	31.68	8.46	29.59	269	41	A	V

	*	5320	104.46	-	-	94.12	31.63	8.28	29.57	245	9	P	H
	*	5320	96.98	-	-	86.64	31.63	8.28	29.57	245	9	A	H
		5375.68	51.19	-22.81	74	40.82	31.65	8.3	29.58	245	9	P	H
		5364.8	41.99	-12.01	54	31.61	31.65	8.3	29.57	245	9	A	H
802.11n													H
HT20													H
CH 64	*	5320	103.21	-	-	92.87	31.63	8.28	29.57	247	69	P	V
5320MHz	*	5320	95.04	-	-	84.7	31.63	8.28	29.57	247	69	A	V
		5351.04	51.05	-22.95	74	40.69	31.64	8.29	29.57	247	69	P	V
		5353.76	41.93	-12.07	54	31.57	31.64	8.29	29.57	247	69	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	49.22	-18.98	68.2	57.55	39.62	12.39	60.34	100	0	P	H
		15780	44	-30	74	48.79	38.21	14.71	57.71	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	46.01	-22.19	68.2	54.34	39.62	12.39	60.34	100	0	P	V
5260MHz		15780	45.4	-28.6	74	50.19	38.21	14.71	57.71	100	0	P	V
													V
													V
		10600	48.15	-25.85	74	56.57	39.72	12.41	60.55	100	0	P	H
		15900	44.7	-29.3	74	49.7	37.77	14.77	57.54	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	46.26	-27.74	74	54.68	39.72	12.41	60.55	100	0	P	V
5300MHz		15900	43.96	-30.04	74	48.96	37.77	14.77	57.54	100	0	P	V
													V
													V
		10640	47.56	-26.44	74	56.01	39.77	12.41	60.63	100	0	P	H
		15960	45.36	-28.64	74	50.51	37.52	14.78	57.45	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	45.6	-28.4	74	54.05	39.77	12.41	60.63	100	0	P	V
5320MHz		15900	43.78	-30.22	74	48.78	37.77	14.77	57.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5018.02	50.39	-23.61	74	40.4	31.51	8.01	29.53	250	11	P	H
		5088.4	42.99	-11.01	54	32.92	31.53	8.08	29.54	250	11	A	H
	*	5270	100.41	-	-	90.09	31.61	8.27	29.56	250	11	P	H
	*	5270	93.06	-	-	82.74	31.61	8.27	29.56	250	11	A	H
		5428.32	49.45	-24.55	74	39	31.67	8.36	29.58	250	11	P	H
		5457.6	42.01	-11.99	54	31.46	31.68	8.46	29.59	250	11	A	H
		5118.32	50.93	-23.07	74	40.8	31.55	8.13	29.55	250	69	P	V
		5068.34	42.83	-11.17	54	32.78	31.53	8.06	29.54	250	69	A	V
	*	5270	100.5	-	-	90.18	31.61	8.27	29.56	250	69	P	V
	*	5270	92.76	-	-	82.44	31.61	8.27	29.56	250	69	A	V
		5379.36	51.1	-22.9	74	40.73	31.65	8.3	29.58	250	69	P	V
		5436.24	42.26	-11.74	54	31.76	31.67	8.41	29.58	250	69	A	V
802.11n HT40 CH 62 5310MHz		5075.48	50.17	-23.83	74	40.1	31.53	8.08	29.54	262	14	P	H
		5050.66	42.93	-11.07	54	32.91	31.52	8.04	29.54	262	14	A	H
	*	5310	101.31	-	-	90.97	31.63	8.28	29.57	262	14	P	H
	*	5310	94.25	-	-	83.91	31.63	8.28	29.57	262	14	A	H
		5384.4	50.39	-23.61	74	40.02	31.65	8.3	29.58	262	14	P	H
		5350.56	43.22	-10.78	54	32.86	31.64	8.29	29.57	262	14	A	H
		5095.88	51.25	-22.75	74	41.15	31.54	8.1	29.54	264	73	P	V
		5022.44	42.93	-11.07	54	32.94	31.51	8.01	29.53	264	73	A	V
	*	5310	101.12	-	-	90.78	31.63	8.28	29.57	264	73	P	V
	*	5310	93.55	-	-	83.21	31.63	8.28	29.57	264	73	A	V
		5350.8	50.68	-23.32	74	40.32	31.64	8.29	29.57	264	73	P	V
		5350.08	44.11	-9.89	54	33.75	31.64	8.29	29.57	264	73	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	46.28	-21.92	68.2	54.63	39.64	12.39	60.38	100	0	P	H
		15810	44.4	-29.6	74	49.26	38.08	14.73	57.67	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	45.29	-22.91	68.2	53.64	39.64	12.39	60.38	100	0	P	V
5270MHz		15810	44.57	-29.43	74	49.43	38.08	14.73	57.67	100	0	P	V
													V
													V
		10620	46.08	-27.92	74	54.52	39.74	12.41	60.59	100	0	P	H
		15930	44.04	-29.96	74	49.11	37.65	14.78	57.5	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	45.35	-28.65	74	53.79	39.74	12.41	60.59	100	0	P	V
5310MHz		15930	43.29	-30.71	74	48.36	37.65	14.78	57.5	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5030.94	50.49	-23.51	74	40.5	31.51	8.01	29.53	262	14	P	H
		5094.52	42.9	-11.1	54	32.8	31.54	8.1	29.54	262	14	A	H
	*	5290	95.38	-	-	85.06	31.61	8.27	29.56	262	14	P	H
	*	5290	87.95	-	-	77.63	31.61	8.27	29.56	262	14	A	H
		5372.88	51.32	-22.68	74	40.94	31.65	8.3	29.57	262	14	P	H
		5352.96	43.56	-10.44	54	33.2	31.64	8.29	29.57	262	14	A	H
		5091.12	50.44	-23.56	74	40.34	31.54	8.1	29.54	263	73	P	V
		5048.28	42.88	-11.12	54	32.86	31.52	8.04	29.54	263	73	A	V
	*	5290	94.66	-	-	84.34	31.61	8.27	29.56	263	73	P	V
	*	5290	87.26	-	-	76.94	31.61	8.27	29.56	263	73	A	V
		5357.76	51.06	-22.94	74	40.7	31.64	8.29	29.57	263	73	P	V
		5358.96	43.82	-10.18	54	33.45	31.64	8.3	29.57	263	73	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	44.73	-23.47	68.2	53.14	39.7	12.4	60.51	100	0	P	H
		15870	43.7	-30.3	74	48.69	37.83	14.75	57.57	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	45.59	-22.61	68.2	54	39.7	12.4	60.51	100	0	P	V
5290MHz		15870	44.06	-29.94	74	49.05	37.83	14.75	57.57	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5438.96	50.93	-23.07	74	40.43	31.67	8.41	29.58	185	60	P	H
		5467.44	51.61	-16.59	68.2	41	31.69	8.51	29.59	185	60	P	H
		5459.76	42.36	-11.64	54	31.81	31.68	8.46	29.59	185	60	A	H
	*	5500	107.96	-	-	97.29	31.7	8.56	29.59	185	60	P	H
	*	5500	100.68	-	-	90.01	31.7	8.56	29.59	185	60	A	H
													H
		5440.88	50.66	-23.34	74	40.16	31.67	8.41	29.58	106	38	P	V
		5460.56	51.01	-17.19	68.2	40.46	31.68	8.46	29.59	106	38	P	V
		5458.64	41.79	-12.21	54	31.24	31.68	8.46	29.59	106	38	A	V
	*	5500	103.39	-	-	92.72	31.7	8.56	29.59	106	38	P	V
	*	5500	96.42	-	-	85.75	31.7	8.56	29.59	106	38	A	V
													V
802.11a CH 116 5580MHz		5436.4	50.22	-23.78	74	39.72	31.67	8.41	29.58	183	60	P	H
		5466.64	50.41	-17.79	68.2	39.8	31.69	8.51	29.59	183	60	P	H
		5456.8	41.46	-12.54	54	30.91	31.68	8.46	29.59	183	60	A	H
	*	5580	108.8	-	-	97.81	31.82	8.8	29.63	183	60	P	H
	*	5580	101.5	-	-	90.51	31.82	8.8	29.63	183	60	A	H
		5730.665	51.41	-16.79	68.2	40.18	32.1	8.82	29.69	183	60	P	H
		5459.44	50.86	-23.14	74	40.31	31.68	8.46	29.59	101	44	P	V
		5462.8	50.78	-17.42	68.2	40.22	31.69	8.46	29.59	101	44	P	V
		5459.2	41.21	-12.79	54	30.66	31.68	8.46	29.59	101	44	A	V
	*	5580	103.48	-	-	92.49	31.82	8.8	29.63	101	44	P	V
	*	5580	96.18	-	-	85.19	31.82	8.8	29.63	101	44	A	V
		5764.685	50.92	-17.28	68.2	39.65	32.17	8.81	29.71	101	44	P	V

802.11a CH 140 5700MHz	*	5700	107.11	-	-	95.92	32.04	8.82	29.67	180	58	P	H
	*	5700	99.9	-	-	88.71	32.04	8.82	29.67	180	58	A	H
		5726.36	53.5	-14.7	68.2	42.26	32.1	8.82	29.68	180	58	P	H
													H
													H
													H
	*	5700	103.99	-	-	92.8	32.04	8.82	29.67	114	40	P	V
	*	5700	96.54	-	-	85.35	32.04	8.82	29.67	114	40	A	V
		5734.04	52.89	-15.31	68.2	41.66	32.1	8.82	29.69	114	40	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	45.11	-28.89	74	53.9	40.2	12.51	61.5	100	0	P	H
		16500	45.82	-22.38	68.2	49	39.2	14.92	57.3	100	0	P	H
													H
													H
		11000	45.71	-28.29	74	54.5	40.2	12.51	61.5	100	0	P	V
		16500	45.36	-22.84	68.2	48.54	39.2	14.92	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.18	-27.82	74	55.02	40.1	12.59	61.53	100	0	P	H
		16740	45.54	-22.66	68.2	47.91	39.49	14.96	56.82	100	0	P	H
													H
													H
		11160	45.61	-28.39	74	54.45	40.1	12.59	61.53	100	0	P	V
		16740	46.14	-22.06	68.2	48.51	39.49	14.96	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.91	-28.09	74	54.81	39.96	12.72	61.58	100	0	P	H
		17100	47.44	-20.76	68.2	48.38	40.08	15.06	56.08	100	0	P	H
													H
													H
		11400	45.5	-28.5	74	54.4	39.96	12.72	61.58	100	0	P	V
		17100	47.07	-21.13	68.2	48.01	40.08	15.06	56.08	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5442.64	51.18	-22.82	74	40.68	31.67	8.41	29.58	186	55	P	H
		5464.88	51.51	-16.69	68.2	40.95	31.69	8.46	29.59	186	55	P	H
		5459.6	42.89	-11.11	54	32.34	31.68	8.46	29.59	186	55	A	H
	*	5500	107.37	-	-	96.7	31.7	8.56	29.59	186	55	P	H
802.11n	*	5500	99.69	-	-	89.02	31.7	8.56	29.59	186	55	A	H
HT20													H
CH 100		5448.4	51.44	-22.56	74	40.88	31.68	8.46	29.58	136	39	P	V
5500MHz		5465.52	50.5	-17.7	68.2	39.94	31.69	8.46	29.59	136	39	P	V
		5459.28	41.89	-12.11	54	31.34	31.68	8.46	29.59	136	39	A	V
	*	5500	103.93	-	-	93.26	31.7	8.56	29.59	136	39	P	V
	*	5500	96.4	-	-	85.73	31.7	8.56	29.59	136	39	A	V
													V
		5449.84	50.7	-23.3	74	40.15	31.68	8.46	29.59	175	56	P	H
		5465.68	50.37	-17.83	68.2	39.81	31.69	8.46	29.59	175	56	P	H
		5455.6	41.6	-12.4	54	31.05	31.68	8.46	29.59	175	56	A	H
	*	5580	108.2	-	-	97.21	31.82	8.8	29.63	175	56	P	H
802.11n	*	5580	100.73	-	-	89.74	31.82	8.8	29.63	175	56	A	H
HT20		5753.66	52.42	-15.78	68.2	41.13	32.17	8.81	29.69	175	56	P	H
CH 116		5409.28	50.12	-23.88	74	39.73	31.66	8.31	29.58	105	38	P	V
5580MHz		5466.88	50.27	-17.93	68.2	39.66	31.69	8.51	29.59	105	38	P	V
		5457.52	41.48	-12.52	54	30.93	31.68	8.46	29.59	105	38	A	V
	*	5580	102.78	-	-	91.79	31.82	8.8	29.63	105	38	P	V
	*	5580	95.01	-	-	84.02	31.82	8.8	29.63	105	38	A	V
		5755.865	51.17	-17.03	68.2	39.9	32.17	8.81	29.71	105	38	P	V

	*	5700	104.77	-	-	93.58	32.04	8.82	29.67	212	5	P	H
	*	5700	97.02	-	-	85.83	32.04	8.82	29.67	212	5	A	H
		5728.36	53.98	-14.22	68.2	42.74	32.1	8.82	29.68	212	5	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	103.87	-	-	92.68	32.04	8.82	29.67	117	39	P	V
5700MHz	*	5700	96.21	-	-	85.02	32.04	8.82	29.67	117	39	A	V
		5734.04	52.69	-15.51	68.2	41.46	32.1	8.82	29.69	117	39	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	45.65	-28.35	74	54.44	40.2	12.51	61.5	100	0	P	H
		16500	46.03	-22.17	68.2	49.21	39.2	14.92	57.3	100	0	P	H
802.11n													H
HT20													H
CH 100		11000	46.41	-27.59	74	55.2	40.2	12.51	61.5	100	0	P	V
5500MHz		16500	45.67	-22.53	68.2	48.85	39.2	14.92	57.3	100	0	P	V
													V
													V
		11160	46	-28	74	54.84	40.1	12.59	61.53	100	0	P	H
		16740	46.34	-21.86	68.2	48.71	39.49	14.96	56.82	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	45.83	-28.17	74	54.67	40.1	12.59	61.53	100	0	P	V
5580MHz		16740	46.06	-22.14	68.2	48.43	39.49	14.96	56.82	100	0	P	V
													V
													V
		11400	45.3	-28.7	74	54.2	39.96	12.72	61.58	100	0	P	H
		17100	48.24	-19.96	68.2	49.18	40.08	15.06	56.08	100	0	P	H
802.11n													H
HT20													H
CH 140		11400	45.69	-28.31	74	54.59	39.96	12.72	61.58	100	0	P	V
5700MHz		17100	48.35	-19.85	68.2	49.29	40.08	15.06	56.08	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	52.82	-21.18	74	42.27	31.68	8.46	29.59	187	74	P	H
		5465.92	55.8	-12.4	68.2	45.24	31.69	8.46	29.59	187	74	P	H
		5459.44	44.15	-9.85	54	33.6	31.68	8.46	29.59	187	74	A	H
	*	5510	105.16	-	-	94.46	31.7	8.6	29.6	187	74	P	H
802.11n	*	5510	96.64	-	-	85.94	31.7	8.6	29.6	187	74	A	H
HT40		5744.525	53.53	-14.67	68.2	42.28	32.13	8.81	29.69	187	74	P	H
CH 102		5393.2	51.25	-22.75	74	40.88	31.65	8.3	29.58	100	121	P	V
5510MHz		5468.8	53.17	-15.03	68.2	42.56	31.69	8.51	29.59	100	121	P	V
		5459.68	42.47	-11.53	54	31.92	31.68	8.46	29.59	100	121	A	V
	*	5510	99.65	-	-	88.95	31.7	8.6	29.6	100	121	P	V
	*	5510	91.97	-	-	81.27	31.7	8.6	29.6	100	121	A	V
		5741.06	51.44	-16.76	68.2	40.19	32.13	8.81	29.69	100	121	P	V
		5452.24	51.28	-22.72	74	40.73	31.68	8.46	29.59	174	55	P	H
		5467.84	50.84	-17.36	68.2	40.23	31.69	8.51	29.59	174	55	P	H
		5459.68	42.6	-11.4	54	32.05	31.68	8.46	29.59	174	55	A	H
	*	5550	106.39	-	-	95.51	31.79	8.7	29.61	174	55	P	H
802.11n	*	5550	98.17	-	-	87.29	31.79	8.7	29.61	174	55	A	H
HT40		5735.705	50.89	-17.31	68.2	39.64	32.13	8.81	29.69	174	55	P	H
CH 110		5459.68	50.42	-23.58	74	39.87	31.68	8.46	29.59	107	187	P	V
5550MHz		5469.76	50.07	-18.13	68.2	39.46	31.69	8.51	29.59	107	187	P	V
		5459.2	41.99	-12.01	54	31.44	31.68	8.46	29.59	107	187	A	V
	*	5550	100.42	-	-	89.54	31.79	8.7	29.61	107	187	P	V
	*	5550	91.69	-	-	80.81	31.79	8.7	29.61	107	187	A	V
		5730.35	51.74	-16.46	68.2	40.51	32.1	8.82	29.69	107	187	P	V

		5430.85	51.74	-22.26	74	41.24	31.67	8.41	29.58	202	8	P	H
		5464.8	50.79	-17.41	68.2	40.23	31.69	8.46	29.59	202	8	P	H
		5444.15	42.38	-11.62	54	31.88	31.67	8.41	29.58	202	8	A	H
	*	5670	102.63	-	-	91.45	32.01	8.83	29.66	202	8	P	H
802.11n	*	5670	95.05	-	-	83.87	32.01	8.83	29.66	202	8	A	H
HT40		5727.2	52.86	-15.34	68.2	41.62	32.1	8.82	29.68	202	8	P	H
CH 134		5416.5	50.26	-23.74	74	39.81	31.67	8.36	29.58	124	39	P	V
5670MHz		5464.45	49.42	-18.78	68.2	38.86	31.69	8.46	29.59	124	39	P	V
		5446.95	42.6	-11.4	54	32.09	31.68	8.41	29.58	124	39	A	V
	*	5670	101.13	-	-	89.95	32.01	8.83	29.66	124	39	P	V
	*	5670	93.79	-	-	82.61	32.01	8.83	29.66	124	39	A	V
		5737.91	53.36	-14.84	68.2	42.11	32.13	8.81	29.69	124	39	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	45.54	-28.46	74	54.32	40.19	12.53	61.5	100	0	P	H
		16530	46.89	-21.31	68.2	49.96	39.24	14.92	57.23	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	46.38	-27.62	74	55.16	40.19	12.53	61.5	100	0	P	V
5510MHz		16530	45.27	-22.93	68.2	48.34	39.24	14.92	57.23	100	0	P	V
													V
													V
		11100	45.93	-28.07	74	54.75	40.14	12.56	61.52	100	0	P	H
		16650	47.01	-21.19	68.2	49.66	39.39	14.95	56.99	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	46.19	-27.81	74	55.01	40.14	12.56	61.52	100	0	P	V
5550MHz		16650	46.13	-22.07	68.2	48.78	39.39	14.95	56.99	100	0	P	V
													V
													V
		11340	45.77	-28.23	74	54.66	40	12.68	61.57	100	0	P	H
		17010	46.58	-21.62	68.2	47.97	39.85	15.02	56.26	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	46.16	-27.84	74	55.05	40	12.68	61.57	100	0	P	V
5670MHz		17010	46.72	-21.48	68.2	48.11	39.85	15.02	56.26	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5459.92	54.08	-19.92	74	43.53	31.68	8.46	29.59	185	54	P	H
		5468.32	55.17	-13.03	68.2	44.56	31.69	8.51	29.59	185	54	P	H
		5459.92	46	-8	54	35.45	31.68	8.46	29.59	185	54	A	H
	*	5530	100.49	-	-	89.72	31.73	8.65	29.61	185	54	P	H
	*	5530	92.4	-	-	81.63	31.73	8.65	29.61	185	54	A	H
		5747.045	51.22	-16.98	68.2	39.97	32.13	8.81	29.69	185	54	P	H
		5449.12	51.16	-22.84	74	40.6	31.68	8.46	29.58	131	39	P	V
		5467.6	52.89	-15.31	68.2	42.28	31.69	8.51	29.59	131	39	P	V
		5446	43.14	-10.86	54	32.63	31.68	8.41	29.58	131	39	A	V
	*	5530	96.01	-	-	85.24	31.73	8.65	29.61	131	39	P	V
	*	5530	87.27	-	-	76.5	31.73	8.65	29.61	131	39	A	V
		5737.28	51.17	-17.03	68.2	39.92	32.13	8.81	29.69	131	39	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	45.74	-28.26	74	54.54	40.16	12.55	61.51	100	0	P	H
		16590	46.62	-21.58	68.2	49.52	39.3	14.93	57.13	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	45.54	-28.46	74	54.34	40.16	12.55	61.51	100	0	P	V
5530MHz		16590	46.28	-21.92	68.2	49.18	39.3	14.93	57.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		32.43	35.46	-4.54	40	43.9	23.11	0.79	32.34	-	-	P	H
		97.23	39.23	-4.27	43.5	54.38	15.79	1.35	32.29	100	0	P	H
		159.6	34.92	-8.58	43.5	48.97	16.67	1.56	32.28	-	-	P	H
		577.9	27.13	-18.87	46	31	25.46	2.88	32.21	-	-	P	H
		721.4	29.71	-16.29	46	31.53	27.14	3.17	32.13	-	-	P	H
		955.2	33.6	-12.4	46	29.99	30.91	3.71	31.01	-	-	P	H
													H
													H
													H
													H
													H
													H
		32.7	30.87	-9.13	40	39.31	23.11	0.79	32.34	100	0	P	V
		97.23	34.18	-9.32	43.5	49.33	15.79	1.35	32.29	-	-	P	V
		166.62	33	-10.5	43.5	47.56	16.06	1.66	32.28	-	-	P	V
		585.6	26.57	-19.43	46	30.42	25.46	2.9	32.21	-	-	P	V
		752.2	30.27	-15.73	46	31.1	28.02	3.23	32.08	-	-	P	V
		958	33.34	-12.66	46	29.54	31.07	3.71	30.98	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.

Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

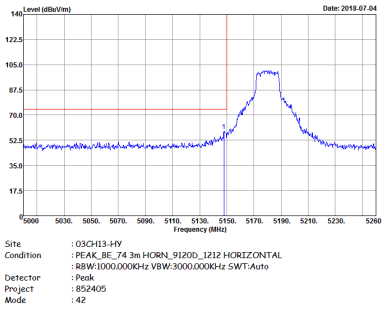
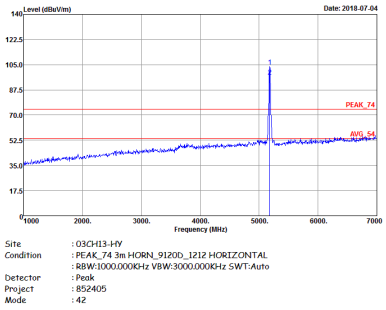
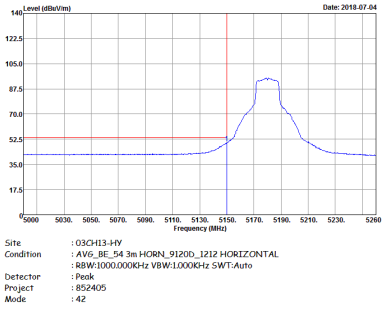
Test Engineer :	Alex Jheng, Fu Chen, and Wilson Wu	**Temperature :**	25.0~25.1°C
		Relative Humidity :	55~56%

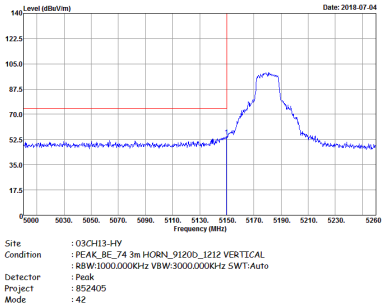
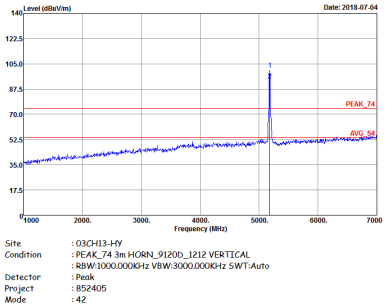
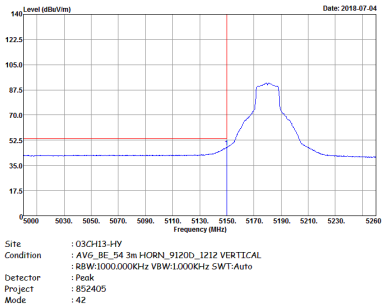
Note symbol

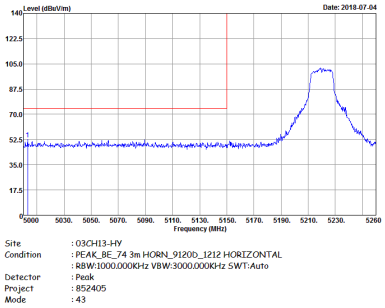
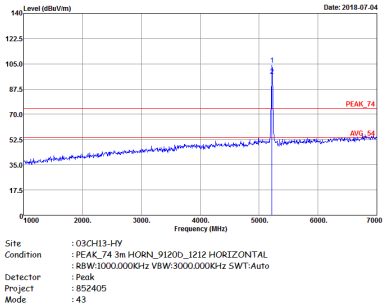
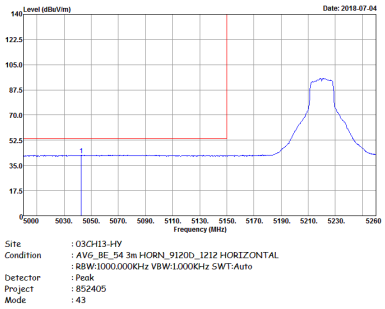
-L	**Low channel location**
-R	**High channel location**

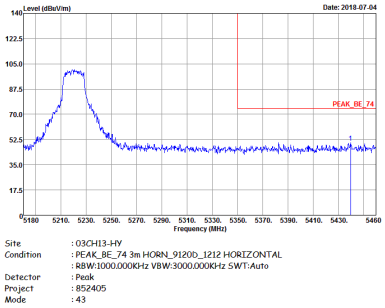
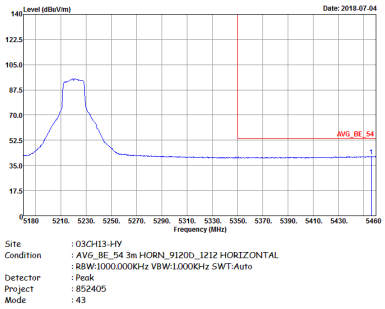
Band 1 - 5150~5250MHz

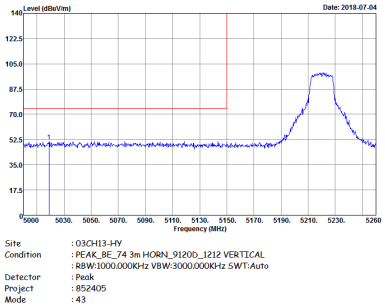
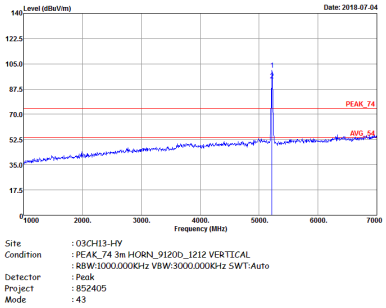
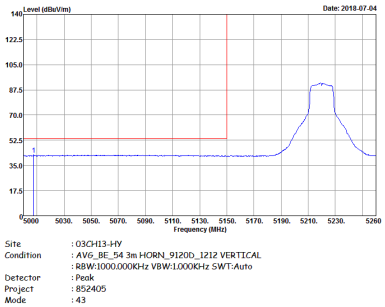
WIFI 802.11a (Band Edge @ 3m)

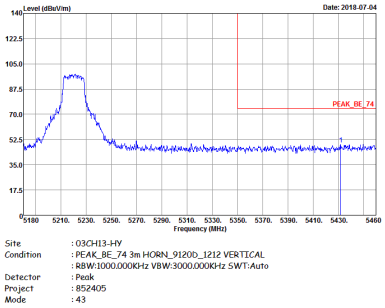
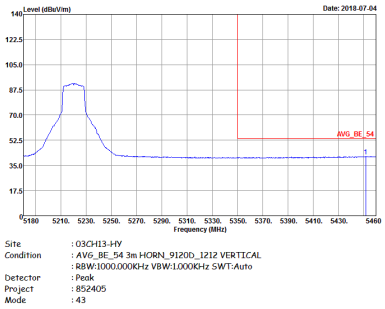
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

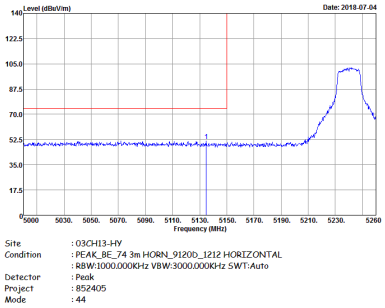
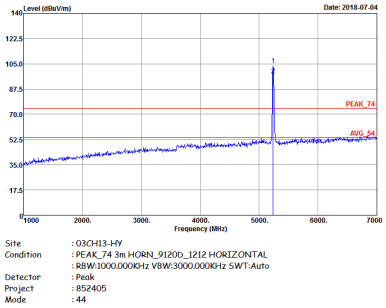
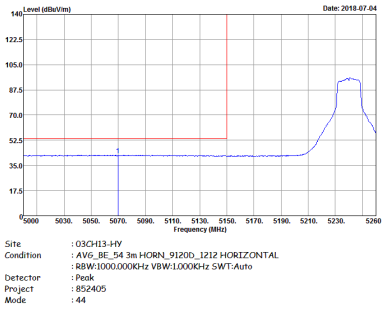
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

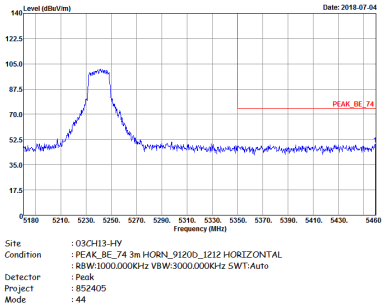
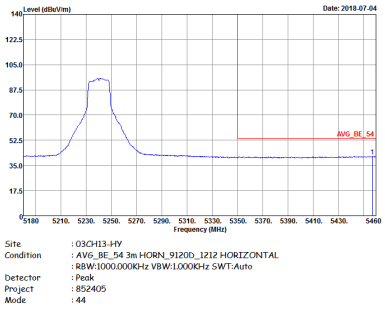
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

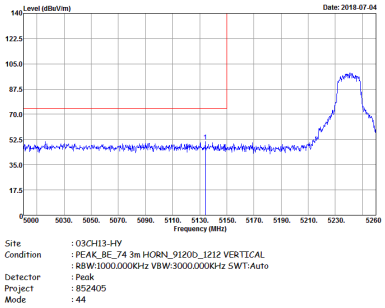
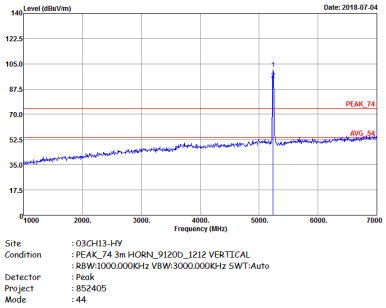
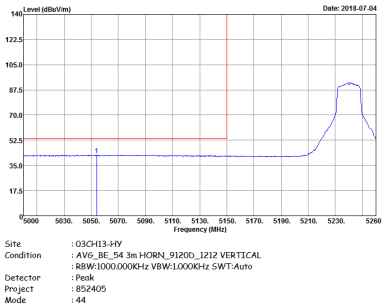
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

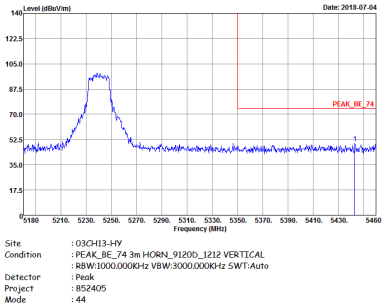
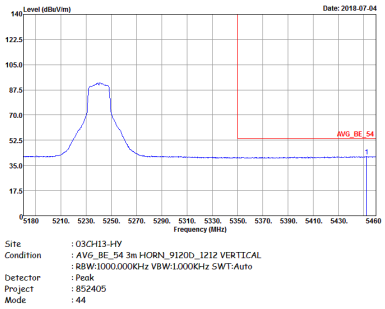
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

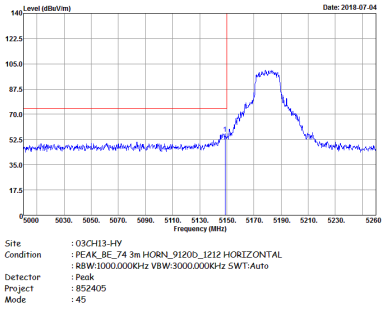
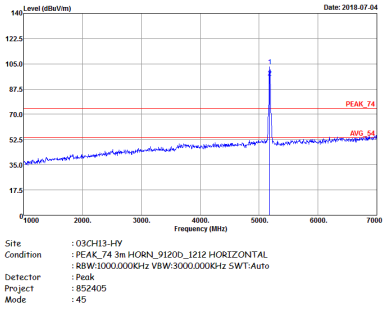
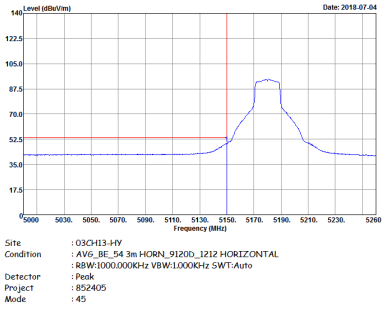
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 44	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 44	Left blank

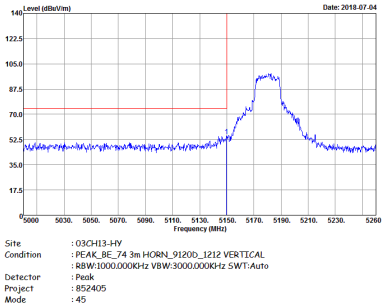
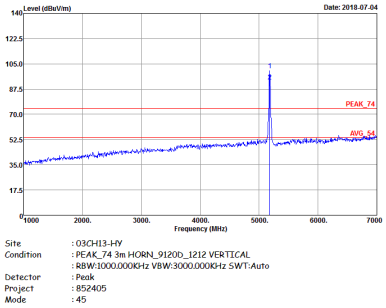
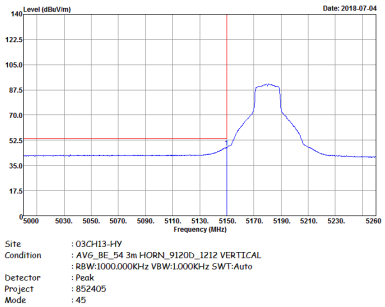
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

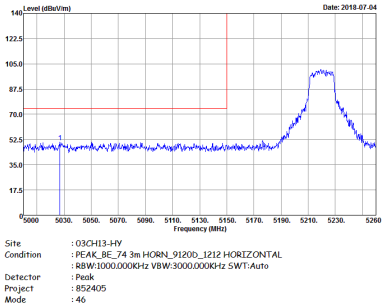
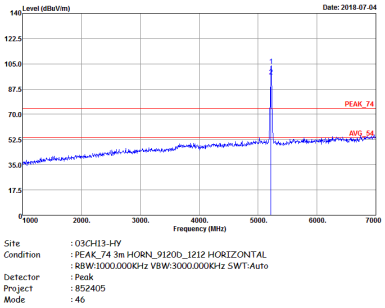
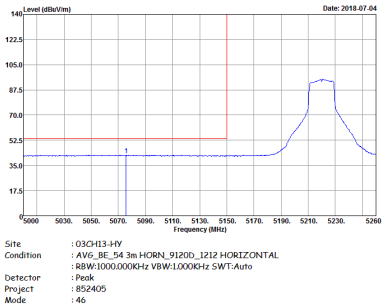
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

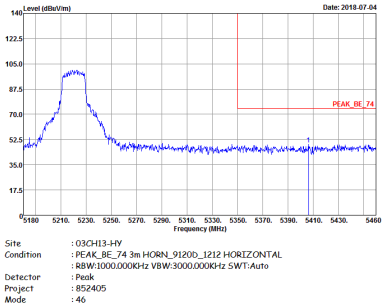
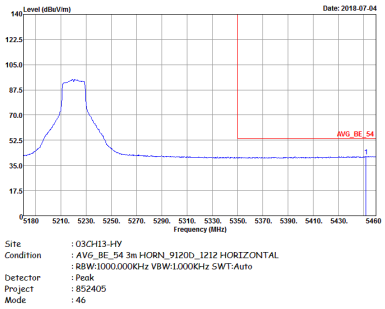
Band 1 5150~5250MHz

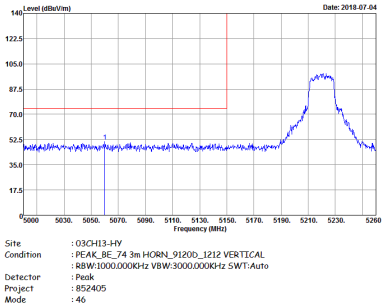
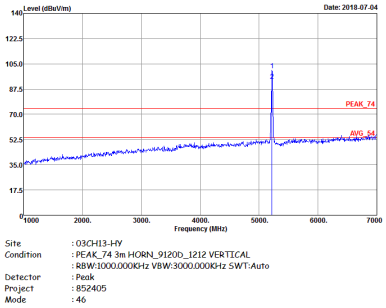
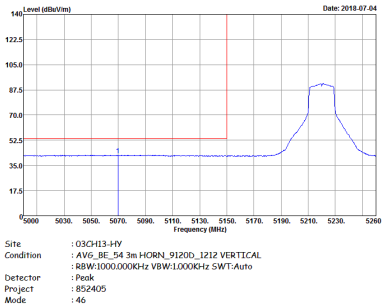
WIFI 802.11n HT20 (Band Edge @ 3m)

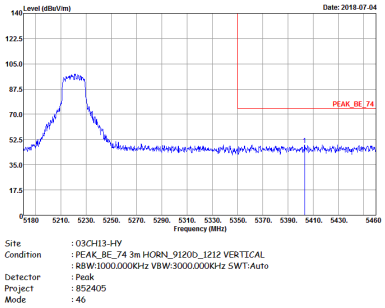
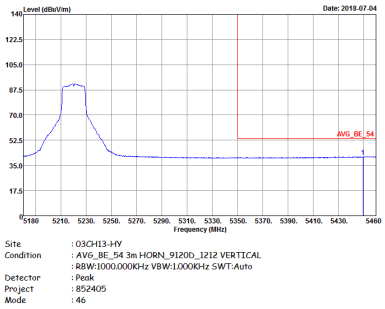
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

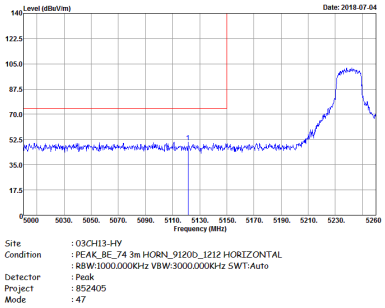
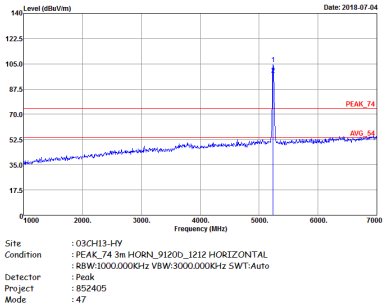
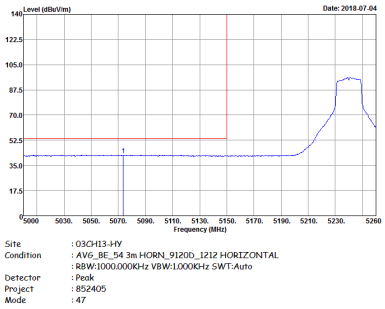
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

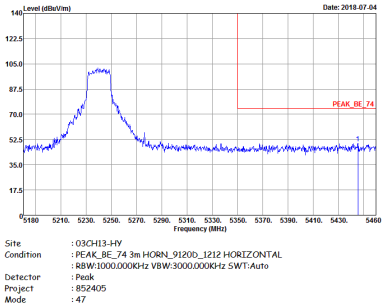
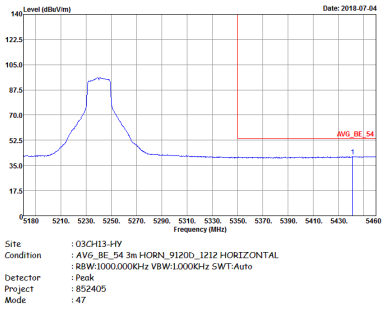
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

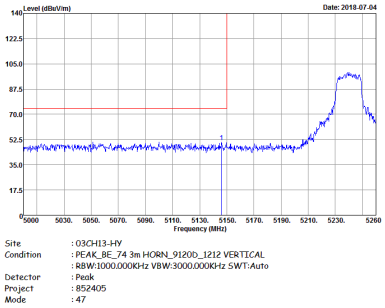
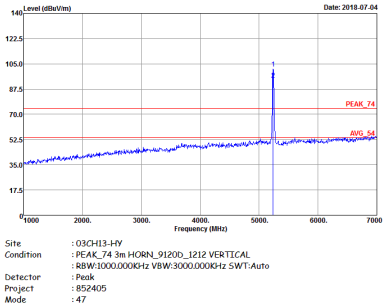
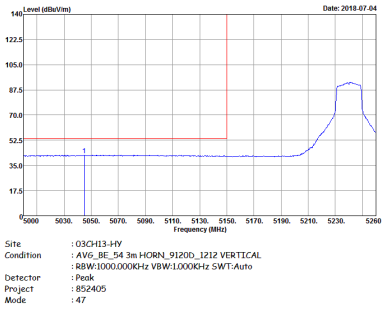
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

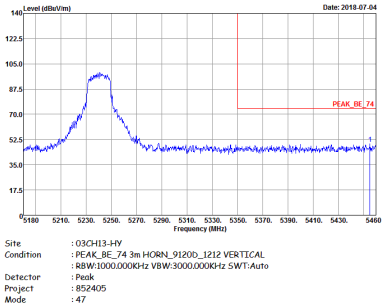
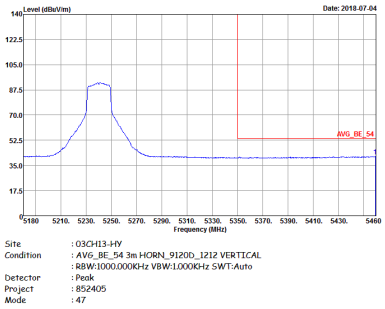
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

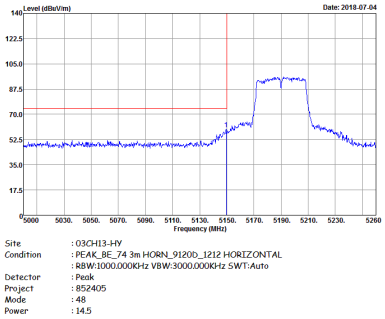
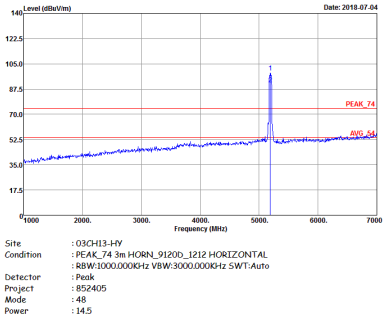
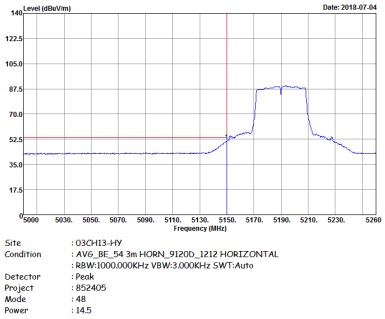
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

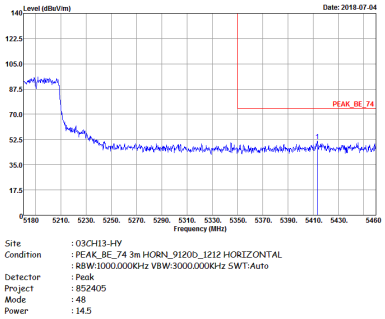
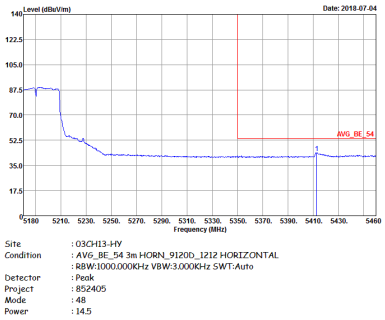
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

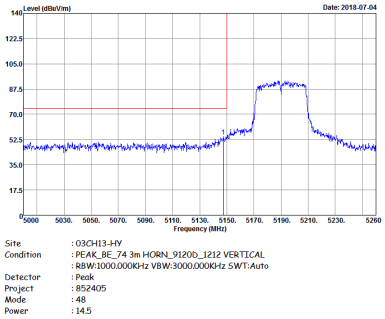
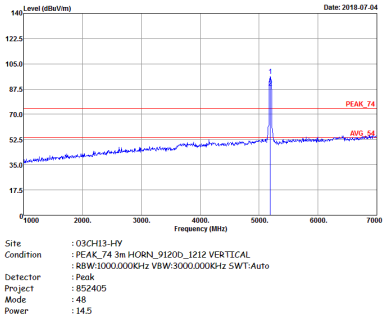
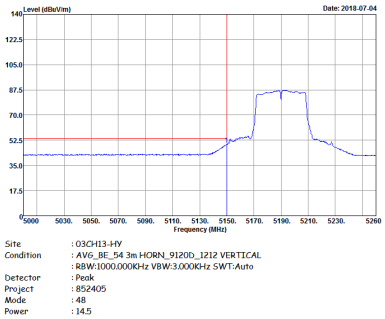
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

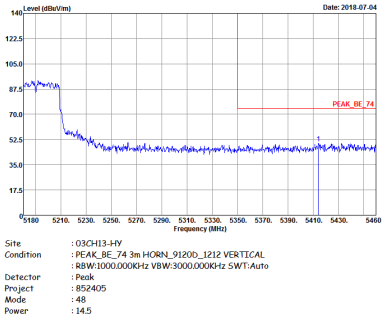
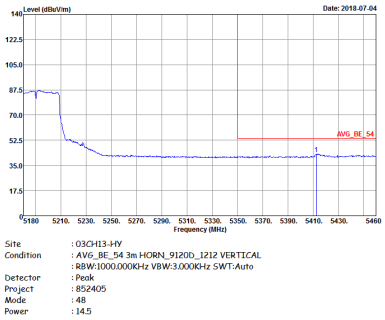
Band 1 5150~5250MHz

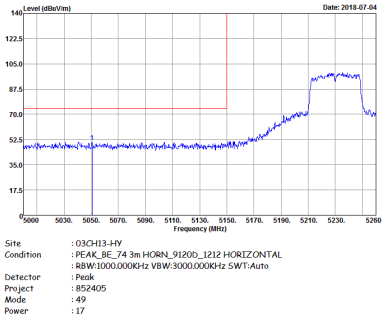
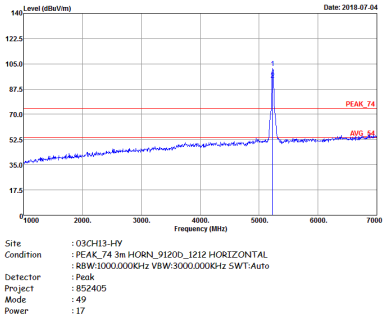
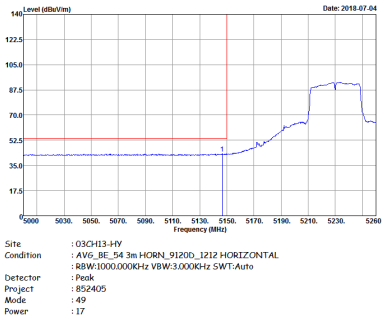
WIFI 802.11n HT40 (Band Edge @ 3m)

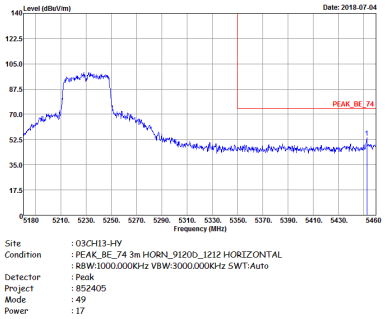
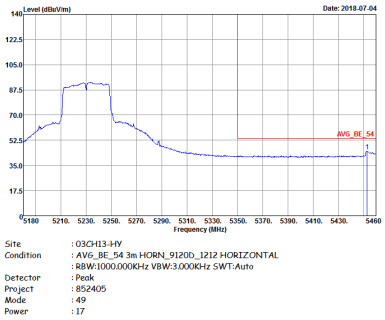
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

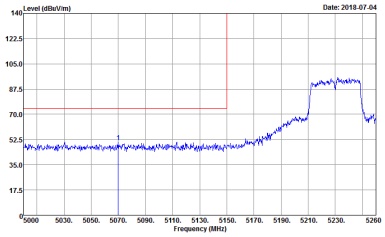
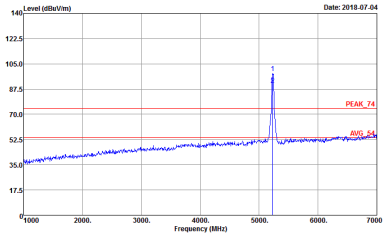
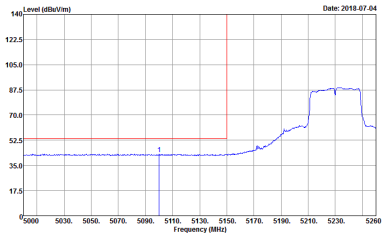
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 48 Power : 14.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 48 Power : 14.5	Left blank

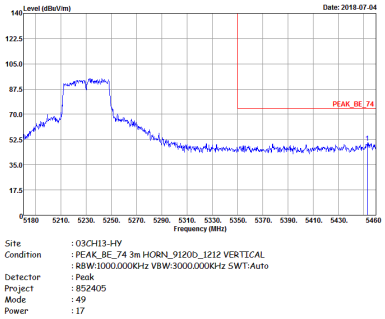
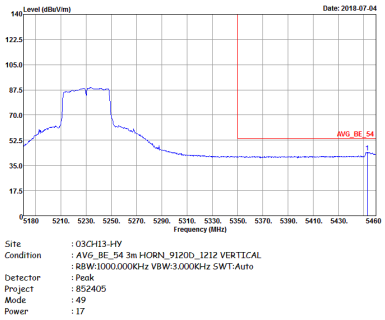
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 48 Power : 14.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 48 Power : 14.5	Left blank

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

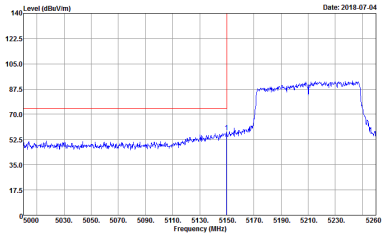
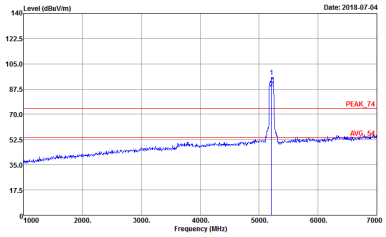
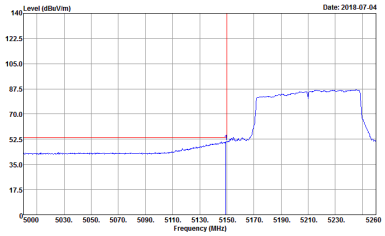
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17	Left blank

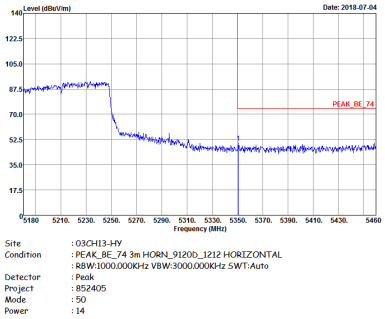
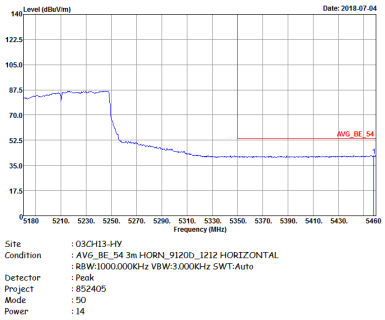
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17	Left blank

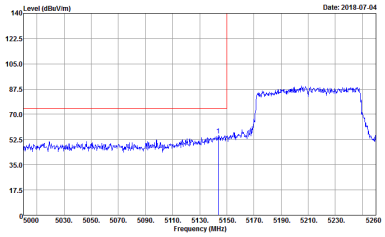
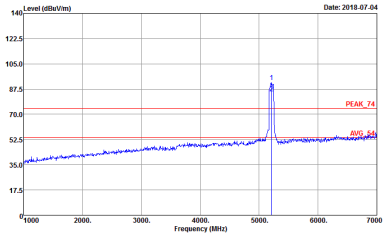
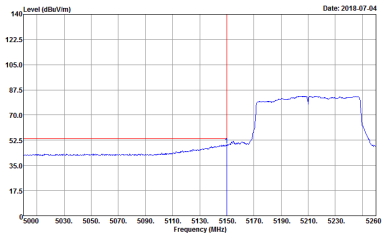
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 49 Power : 17	Left blank

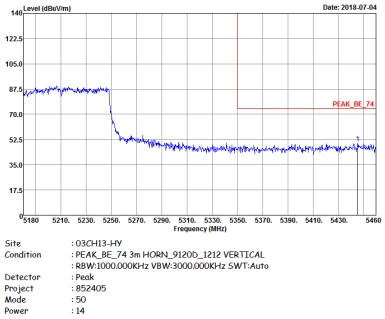
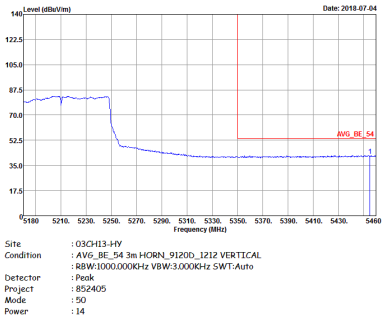
Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	Left blank

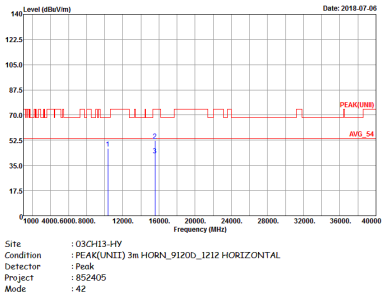
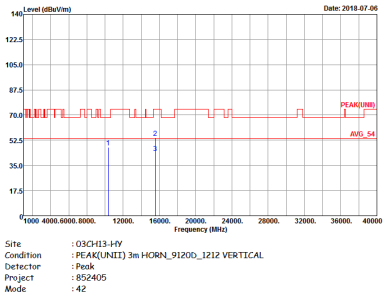
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	Left blank

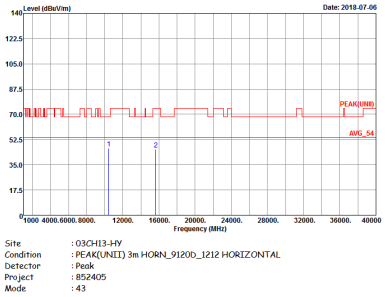
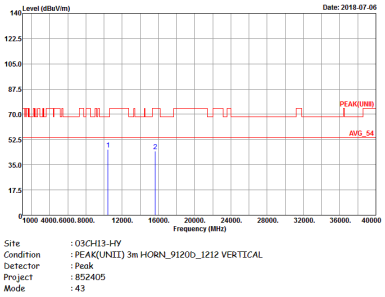
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	Left blank

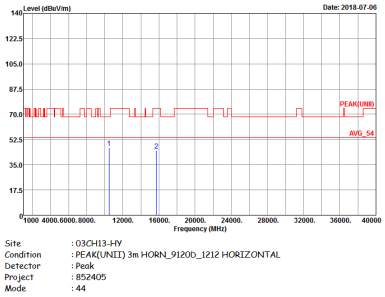
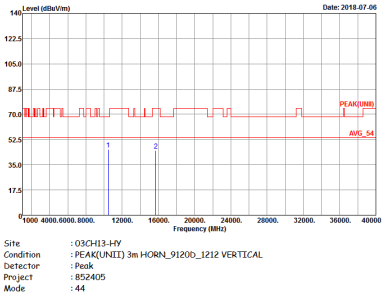
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 50 Power : 14	Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

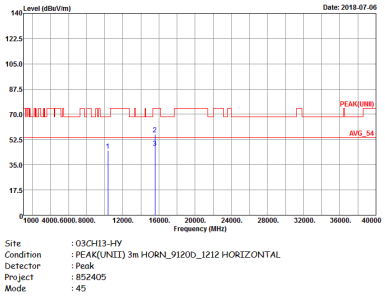
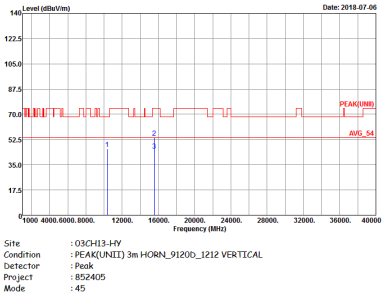
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

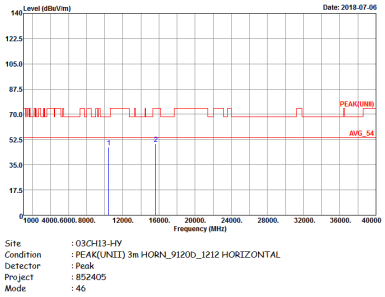
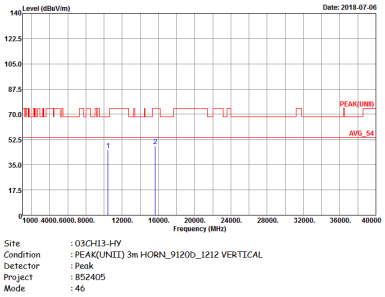
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 43	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 43

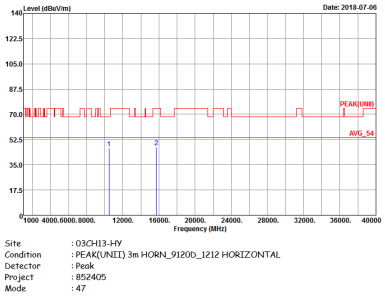
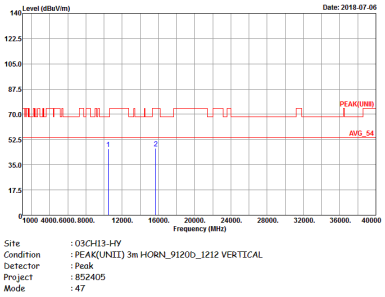
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 44	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 44

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

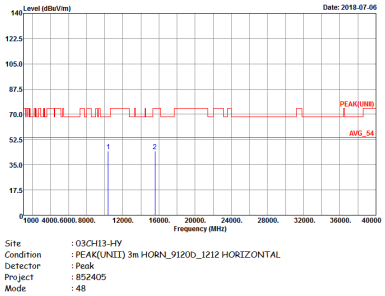
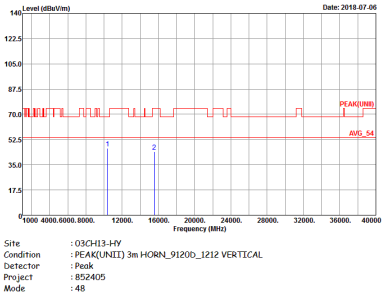
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

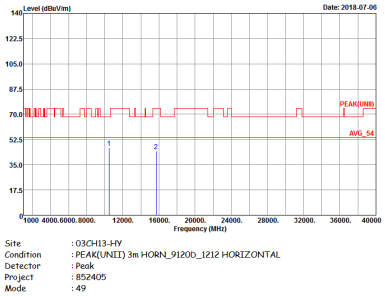
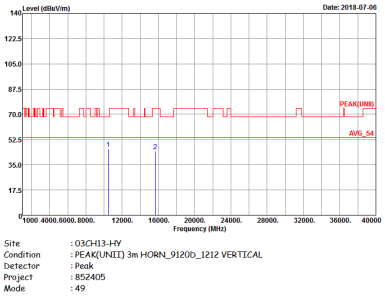
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 46	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 46

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 47	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 47

Band 1 5150~5250MHz

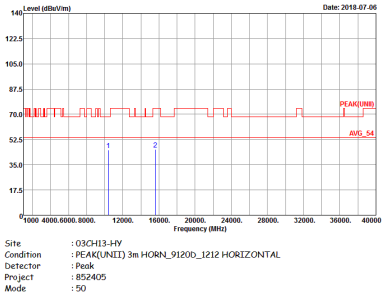
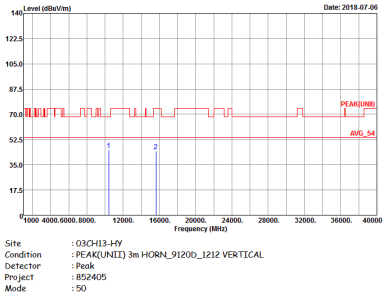
WIFI 802.11n HT40 (Harmonic @ 3m)

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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 49	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 49

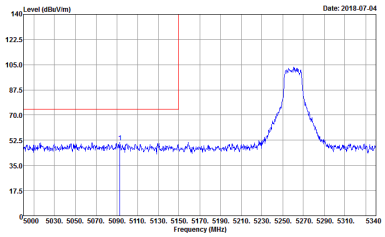
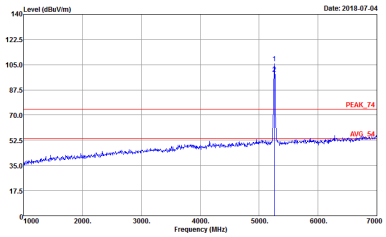
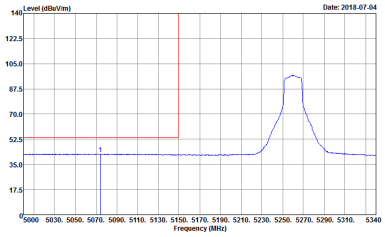
Band 1 5150~5250MHz

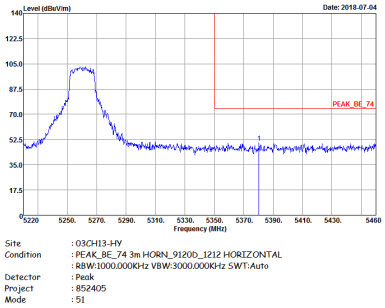
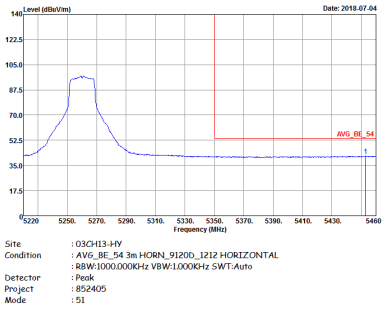
WIFI 802.11ac VHT80 (Harmonic @ 3m)

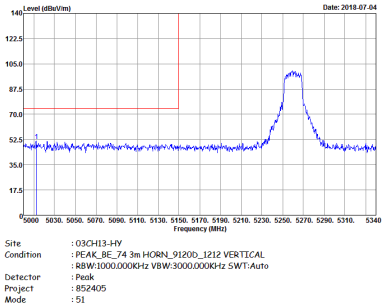
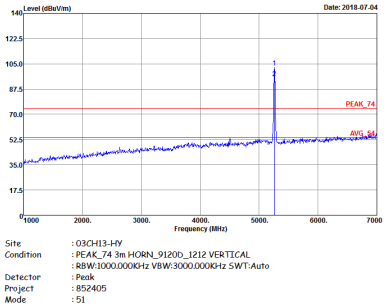
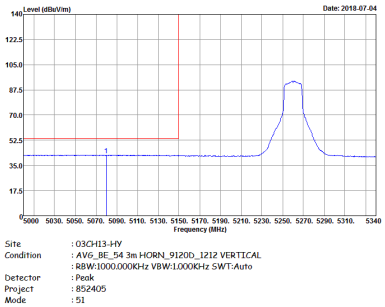
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

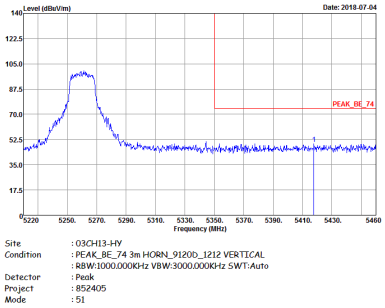
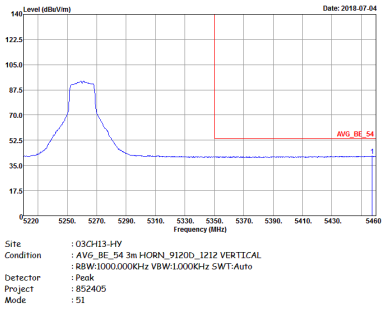
Band 2 - 5250~5350MHz

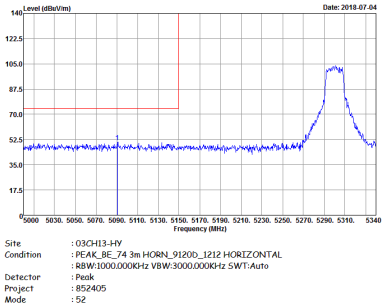
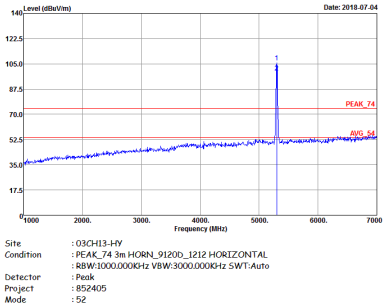
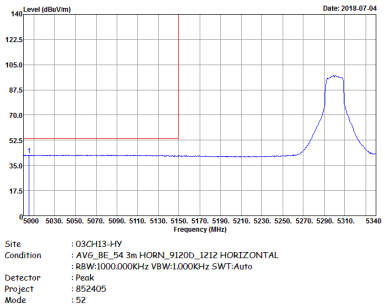
WIFI 802.11a (Band Edge @ 3m)

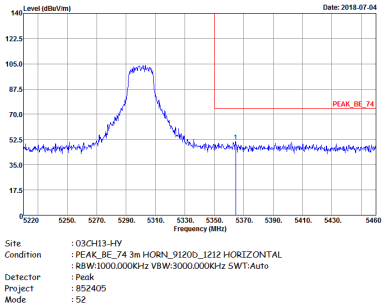
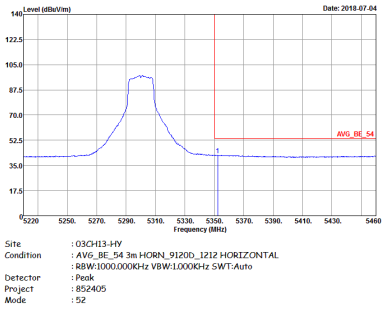
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

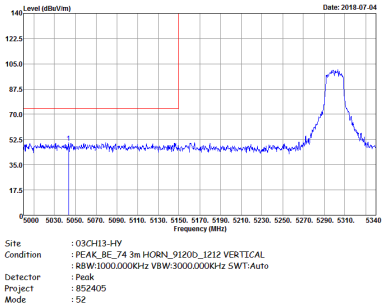
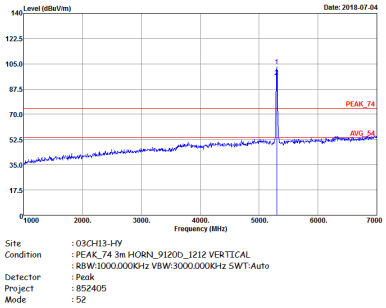
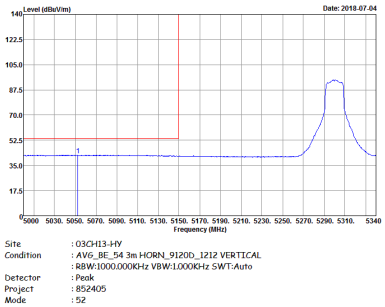
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

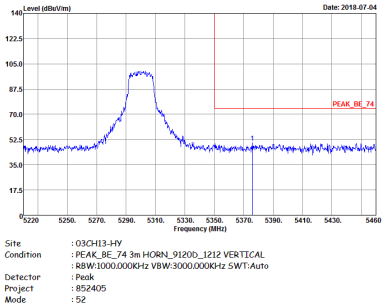
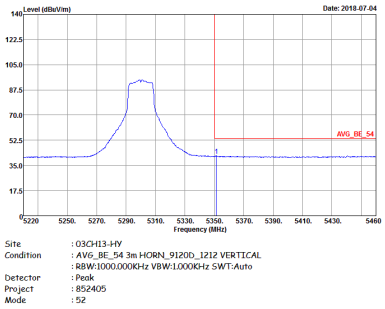
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

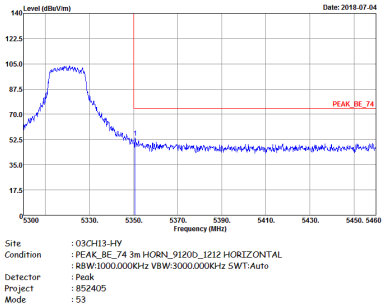
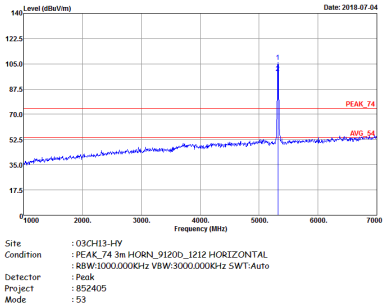
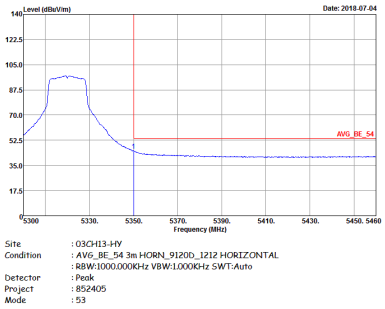
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

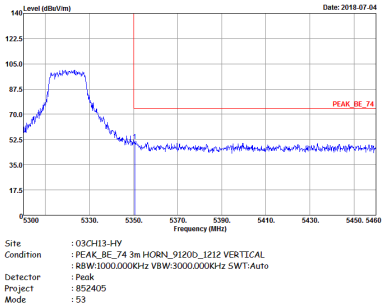
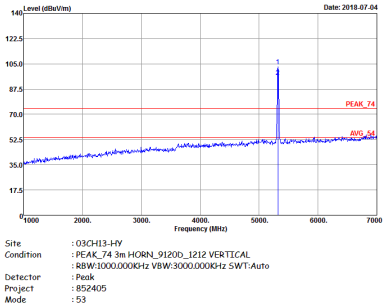
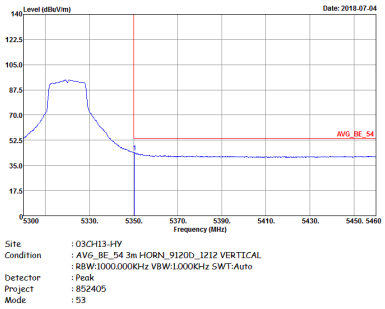
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

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

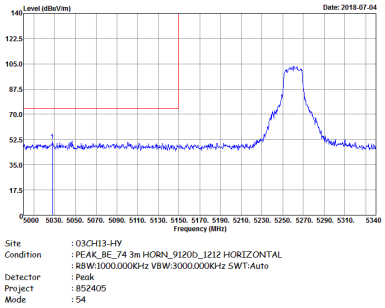
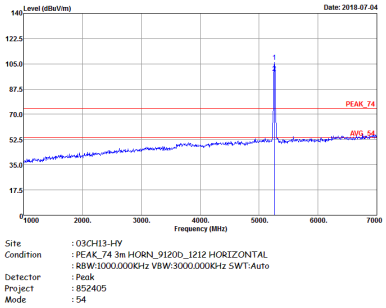
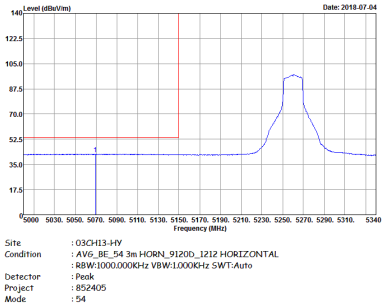
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

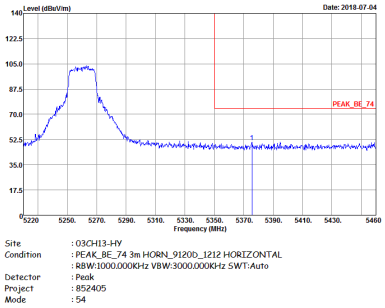
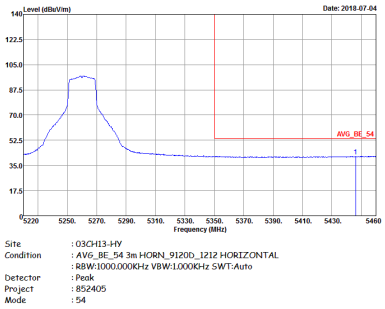
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

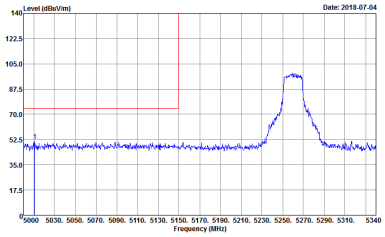
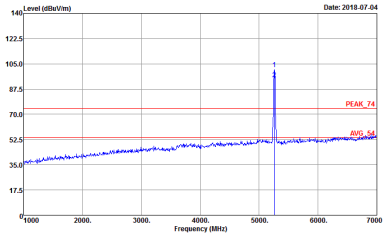
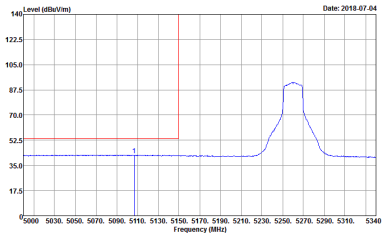
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

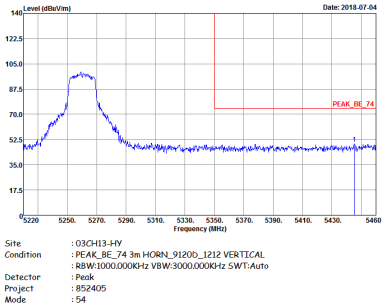
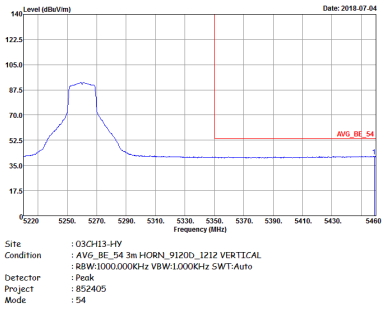
Band 2 5250~5350MHz

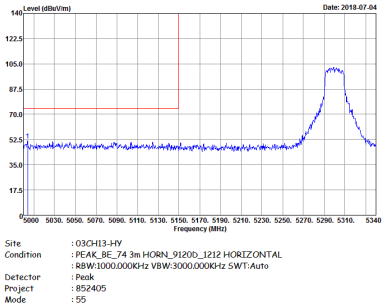
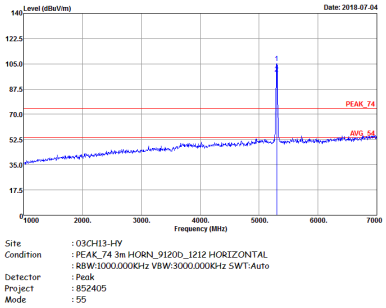
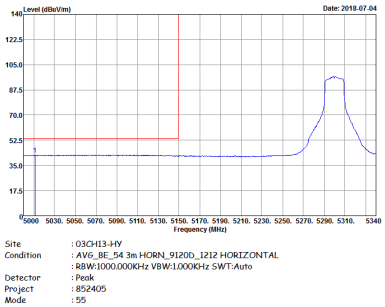
WIFI 802.11n HT20 (Band Edge @ 3m)

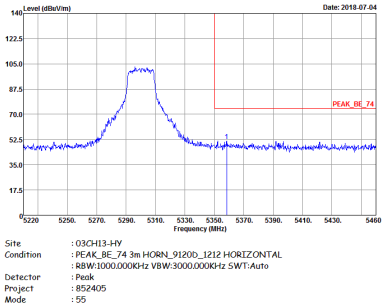
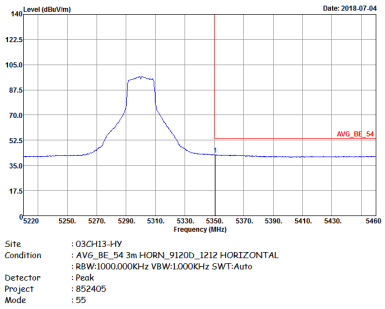
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

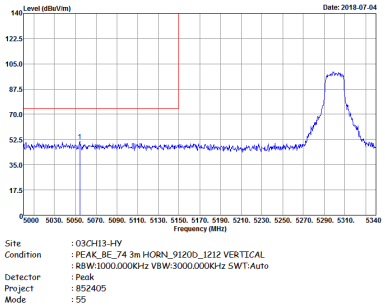
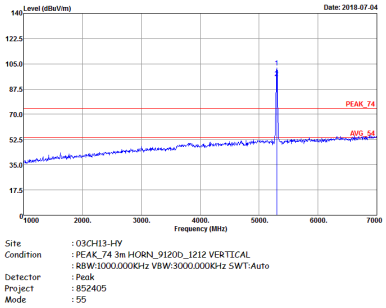
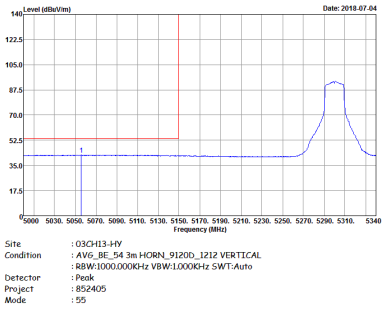
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

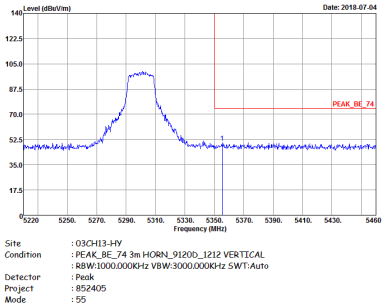
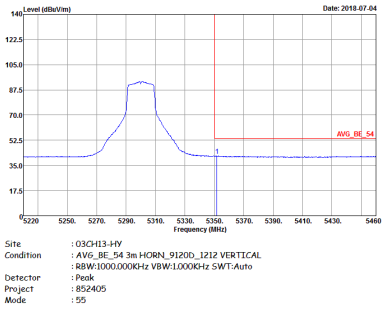
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 54	 Site : 03CH13-HV Condition : PEAK_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 54
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 54	Left blank

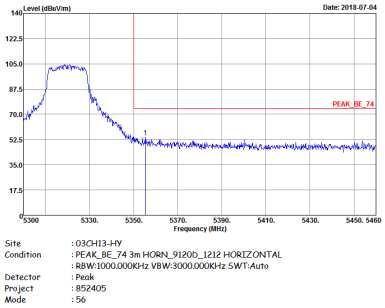
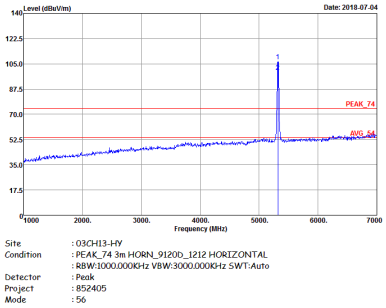
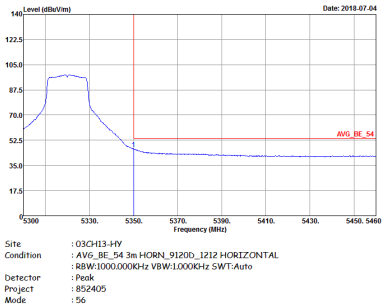
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

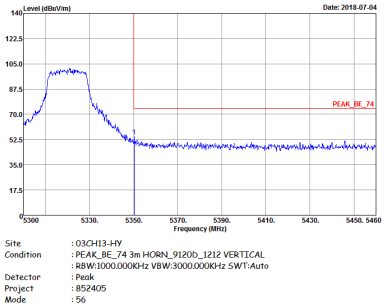
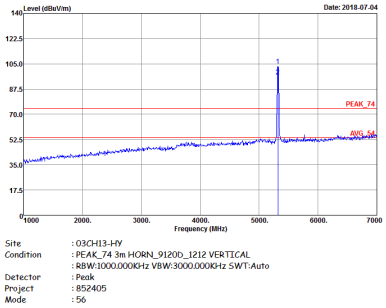
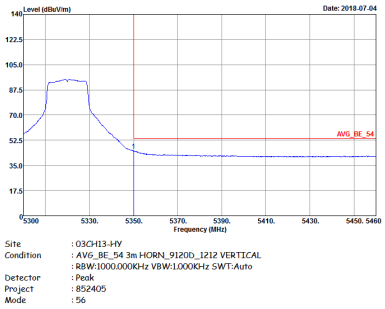
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

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

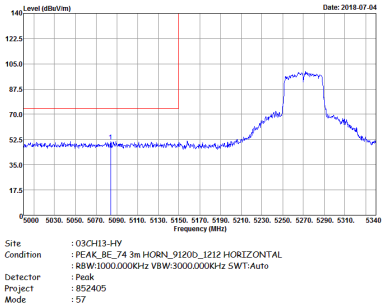
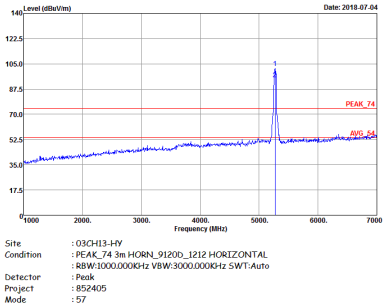
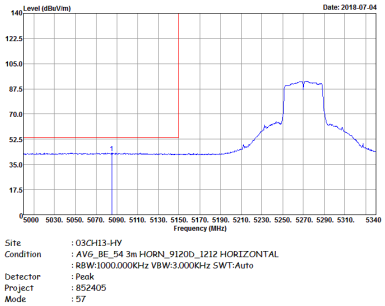
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

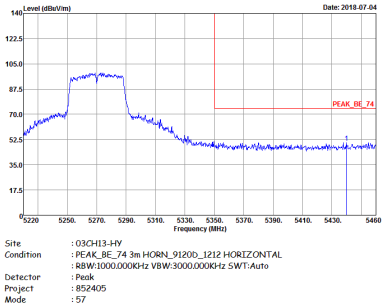
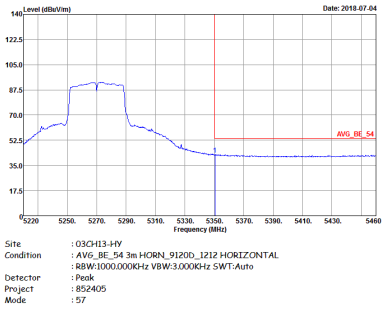
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

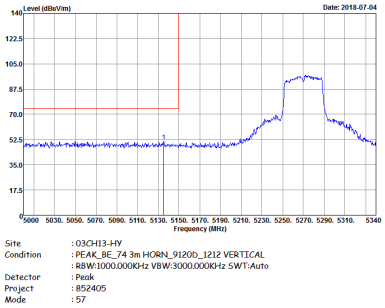
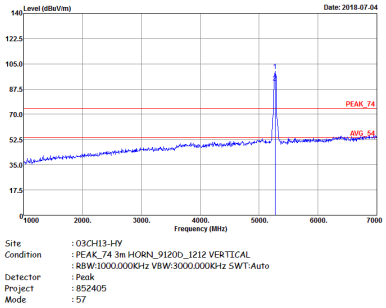
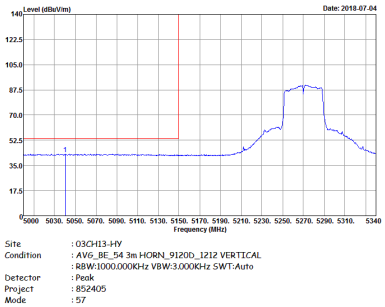
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

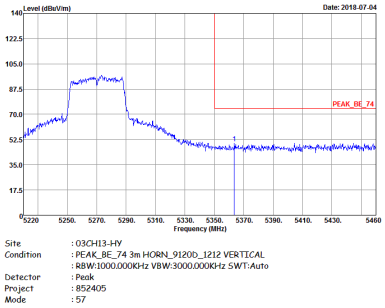
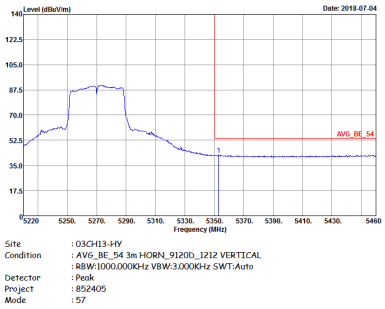
Band 2 5250~5350MHz

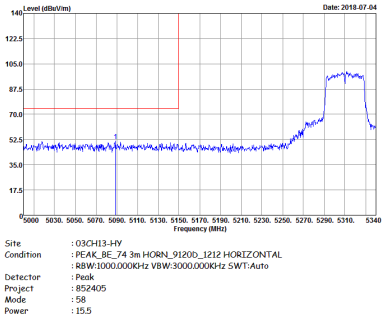
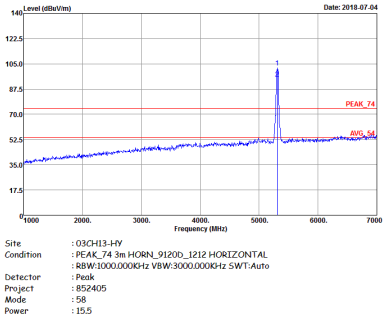
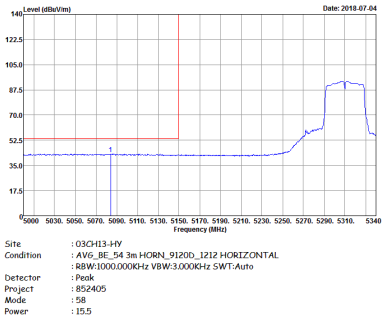
WIFI 802.11n HT40 (Band Edge @ 3m)

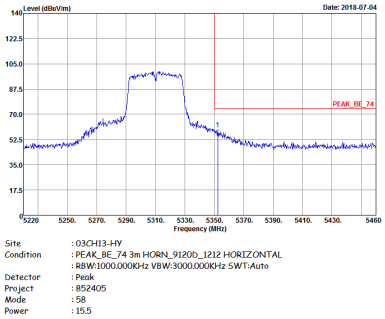
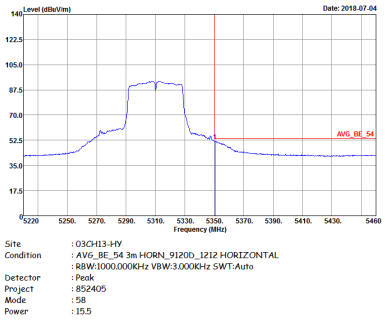
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

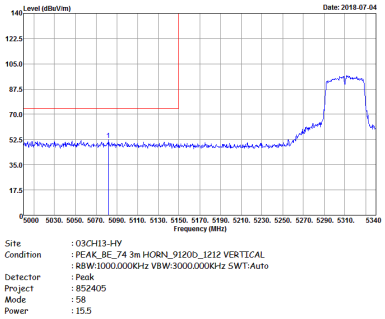
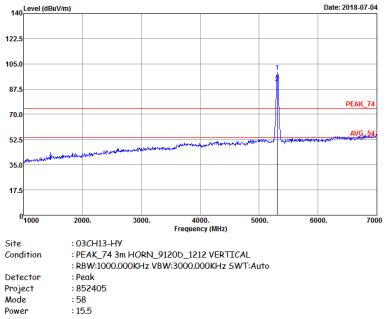
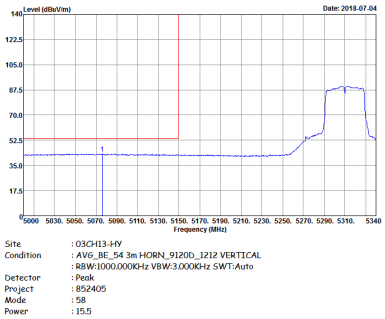
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

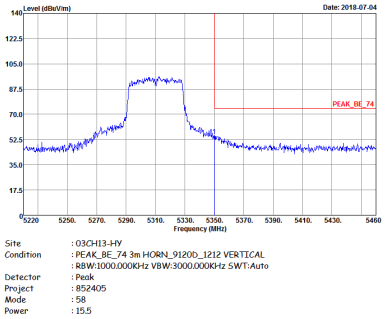
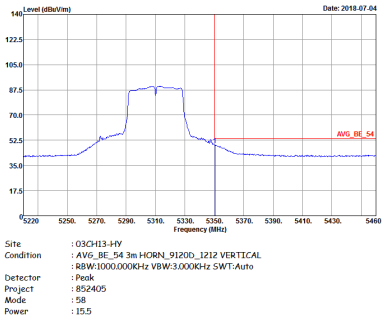
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak		
Avg.		Left blank

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	Left blank

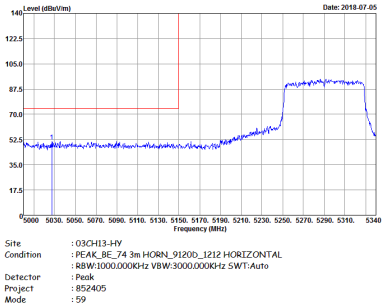
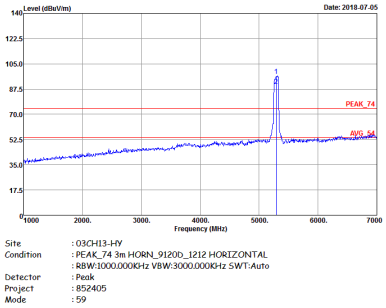
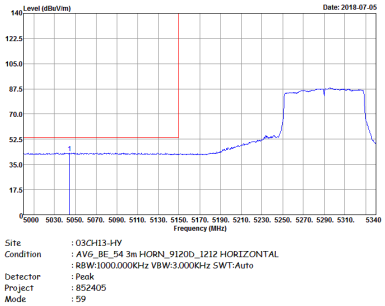
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	Left blank

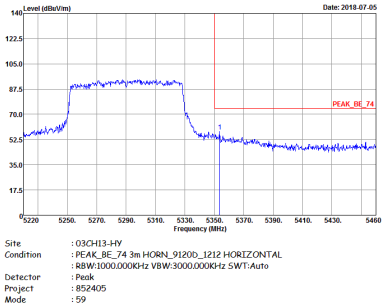
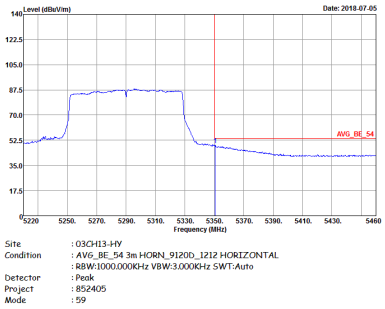
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	 Site : 03CH13-HV Condition : PEAK_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	Left blank

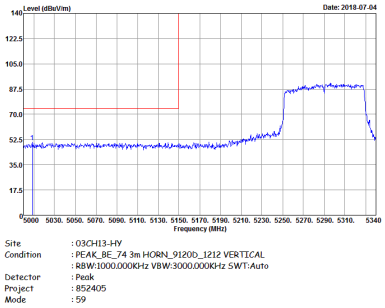
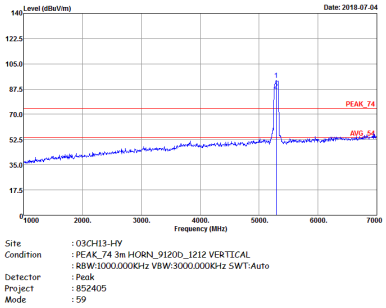
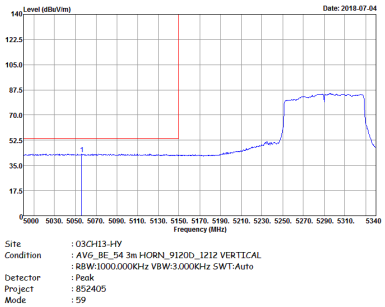
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE_74 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	Left blank
Avg.	 Site : 03CH13-HV Condition : AVG_BE_54 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 58 Power : 15.5	Left blank

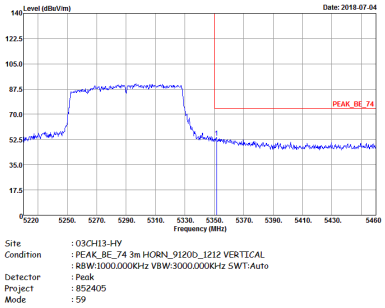
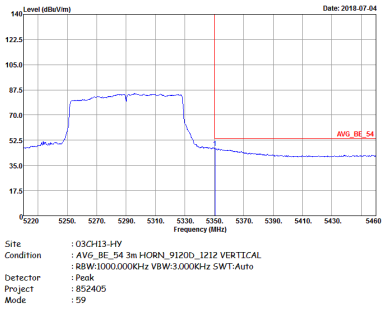
Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

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

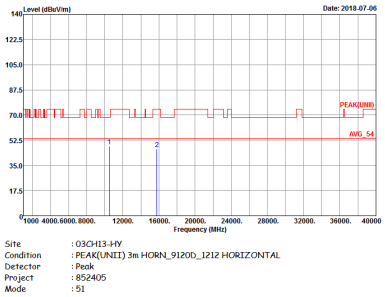
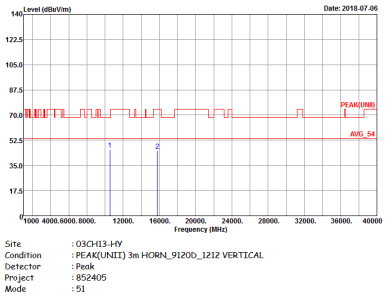
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

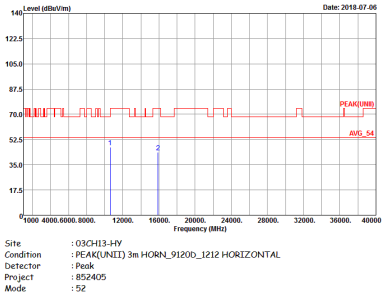
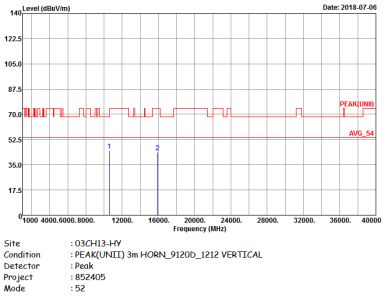
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

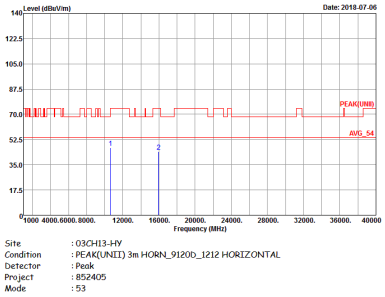
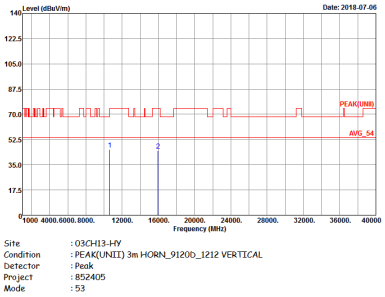
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

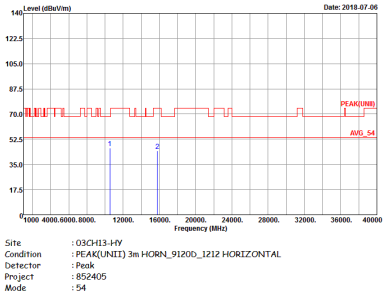
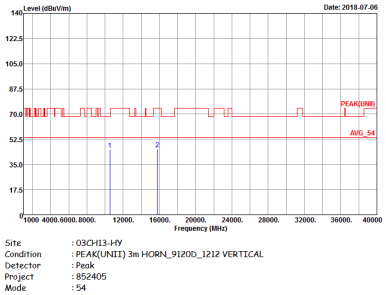
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

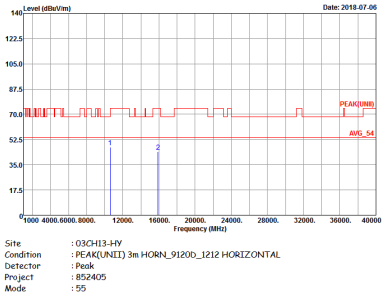
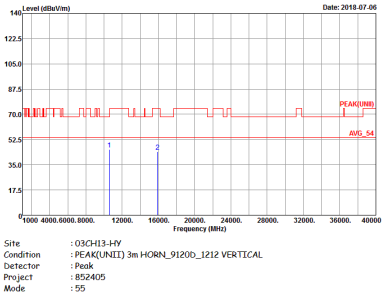
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 52	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 52

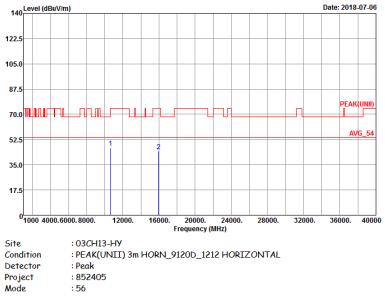
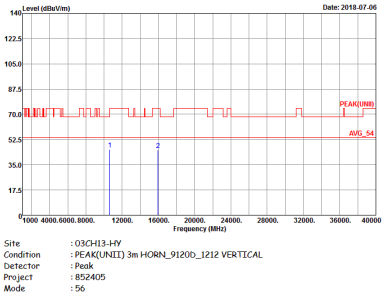
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 53	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 53

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

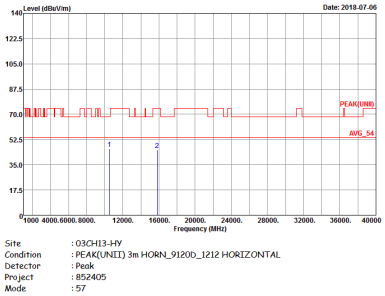
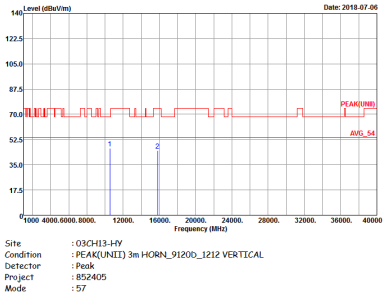
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

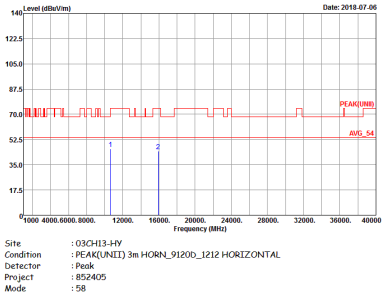
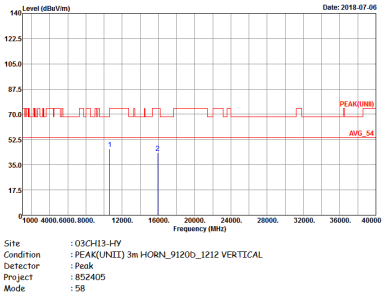
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 55	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 55

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 56	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 56

Band 2 5250~5350MHz

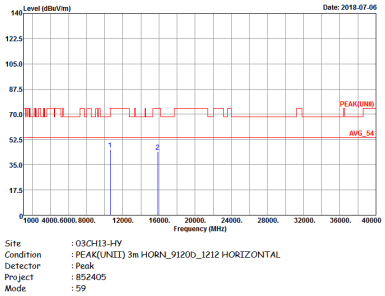
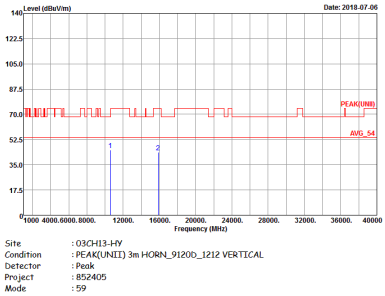
WIFI 802.11n HT40 (Harmonic @ 3m)

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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL Detector : Peak Project : 852405 Mode : 58	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL Detector : Peak Project : 852405 Mode : 58

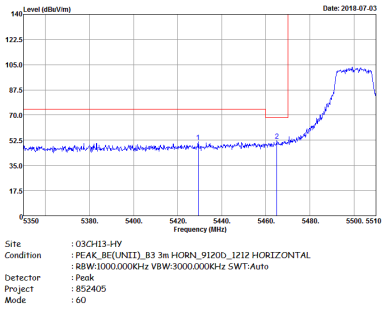
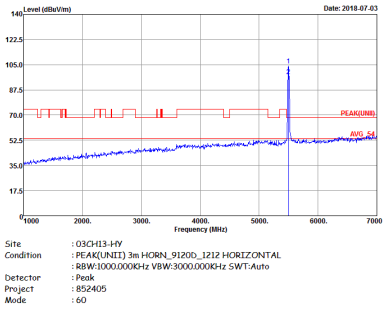
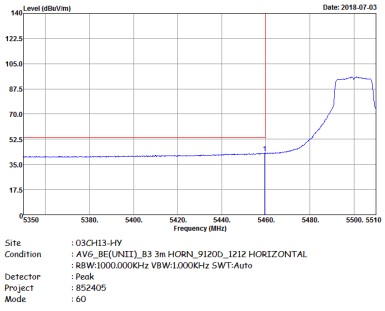
Band 2 5250~5350MHz

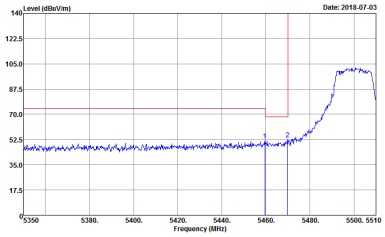
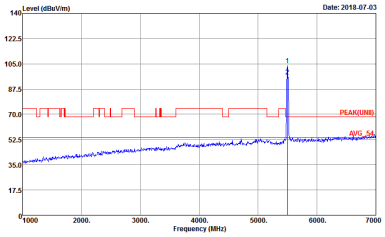
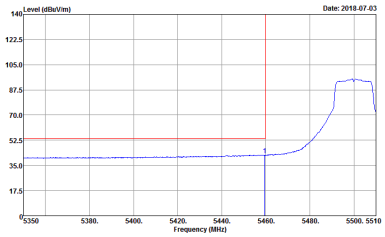
WIFI 802.11ac VHT80 (Harmonic @ 3m)

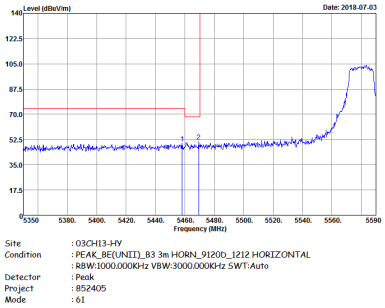
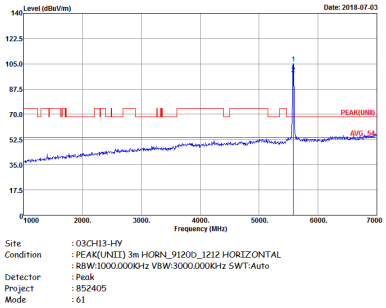
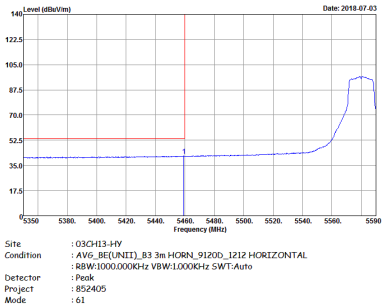
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.		

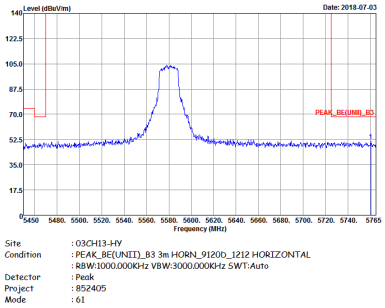
Band 3 - 5470~5725MHz

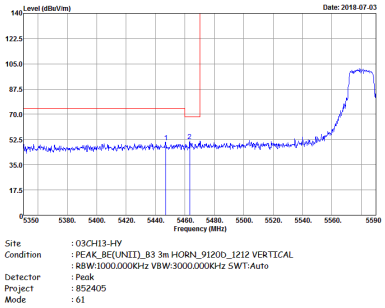
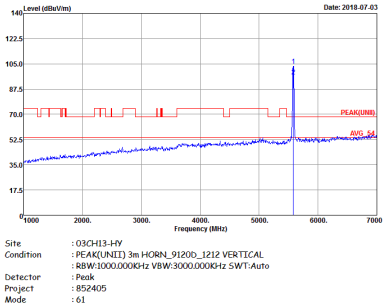
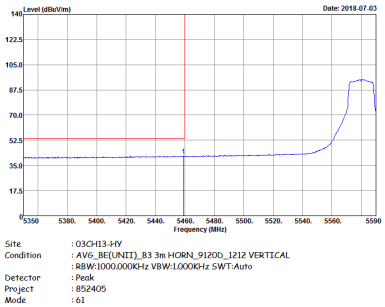
WIFI 802.11a (Band Edge @ 3m)

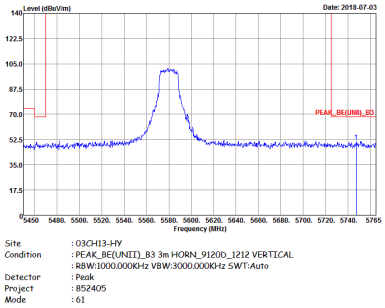
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 60	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 60
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 60	Left blank

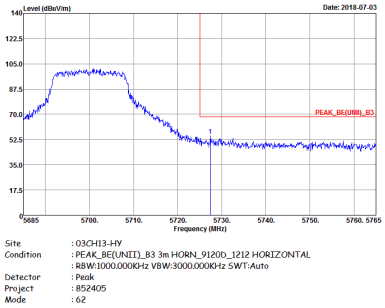
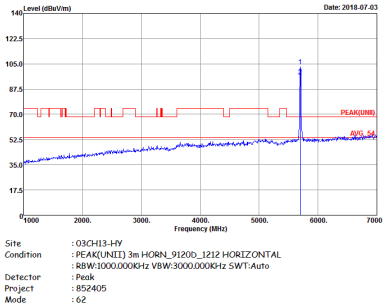
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 60	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 60
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 60	Left blank

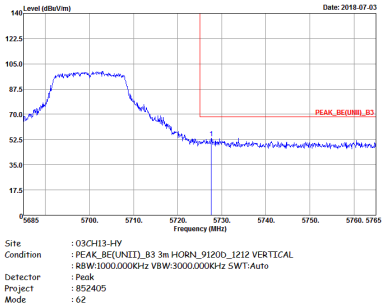
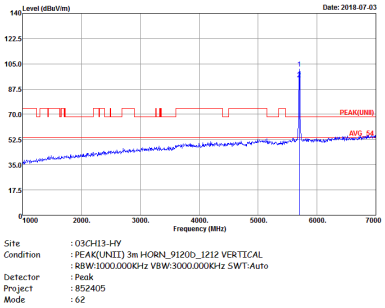
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

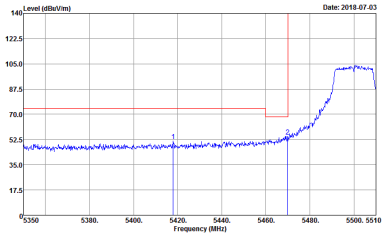
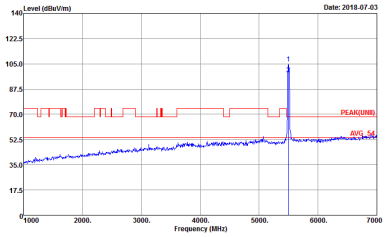
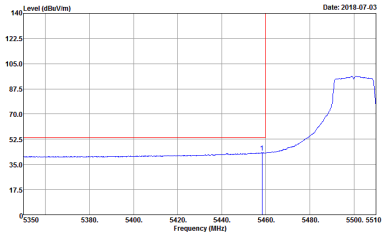
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

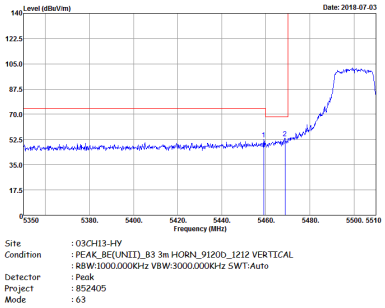
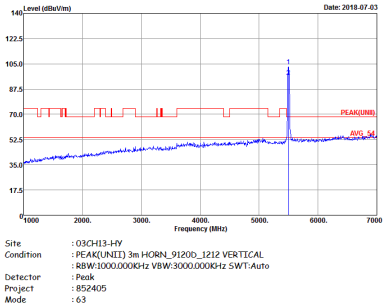
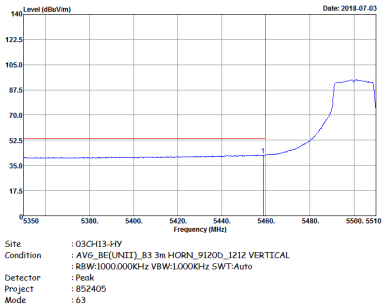
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

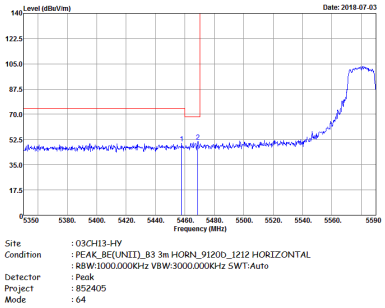
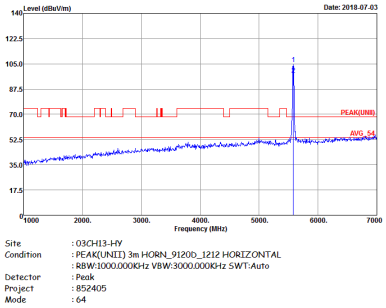
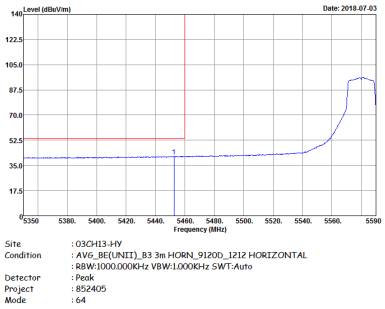
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 62	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 62

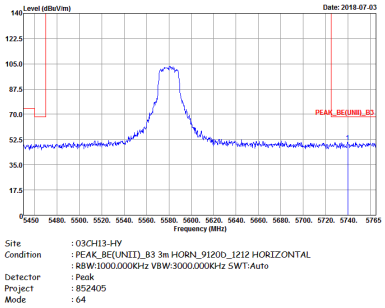
Band 3 5470~5725MHz

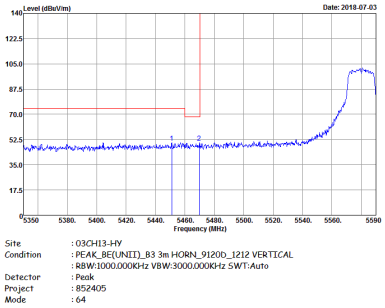
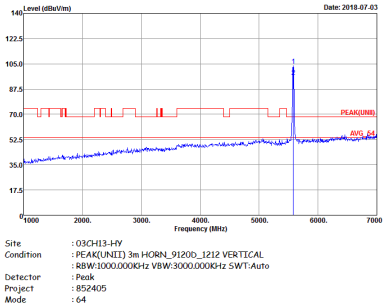
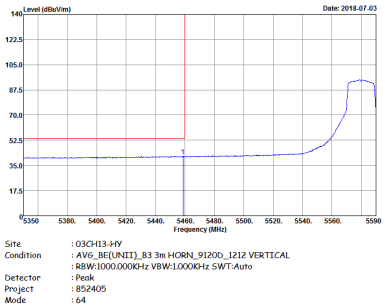
WIFI 802.11n HT20 (Band Edge @ 3m)

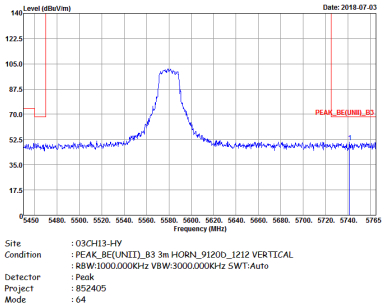
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 63	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 63
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 63	Left blank

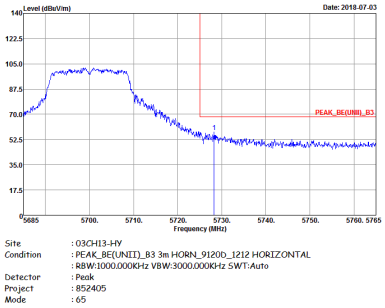
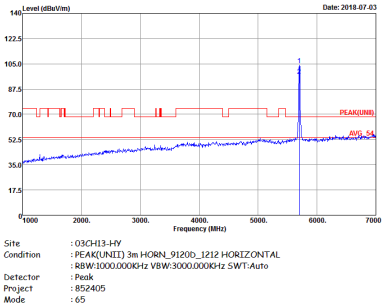
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_83 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 63	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 63
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_83 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 63	Left blank

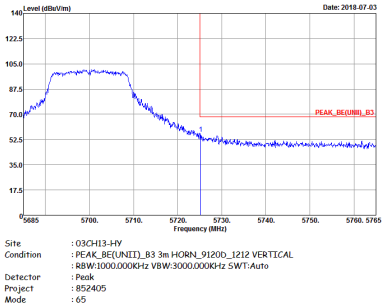
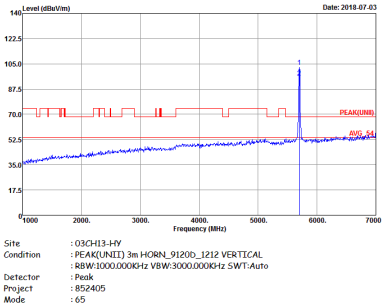
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

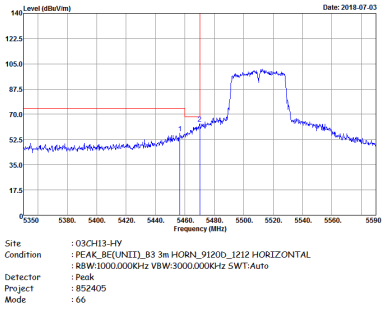
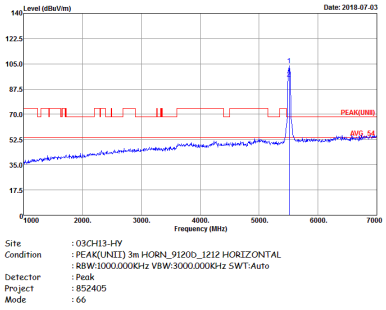
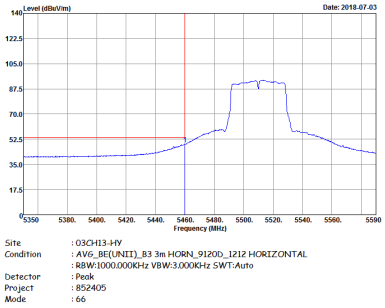
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

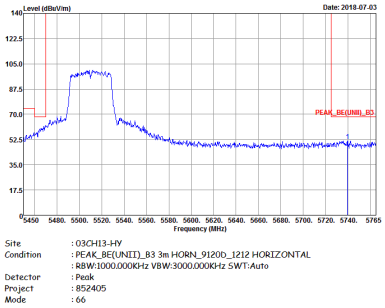
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 65	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 65

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 65	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1212 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 852405 Mode : 65

Band 3 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak		Left blank