FCC RADIO TEST REPORT

FCC ID	:	**2ATUQ-6699**
Equipment	:	**Tablet**
Model Name	:	**K72LL3**
Applicant	:	**Mangled Horses LLC** **225 Wilmington-West Chester Pike, Suite 202** **Chadds Ford, PA 19317**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Oct. 30, 2019 and testing was started from Nov. 04, 2019 and completed on Jan. 07, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL 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
FR982217-01D	01	Initial issue of report	Jan. 08, 2020
FR982217-01D	02	1. Correct the WPC function is supporting receive only. 2. Add the FCC ID of Wireless Charger in section 2.4. 3. Add the Loop Antenna in Equipment list	Jan. 15, 2020
FR982217-01D	03	Add the description of worst mode in section 2.2	Jan. 17, 2020
FR982217-01D	04	Add the near view of Radiated Emission in setup photo	Jan. 23, 2020

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang
Report Producer: Yimin Ho

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Tablet
Model Name	K72LL3
FCC ID	2ATUQ-6699
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE WPC Receive only

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<Ant. 1>** **<5180 MHz ~ 5240 MHz>** 802.11a : 14.20 dBm / 0.0263 W 802.11n HT20 : 14.20 dBm / 0.0263 W 802.11n HT40 : 14.30 dBm / 0.0269 W 802.11ac VHT20: 11.80 dBm / 0.0151 W 802.11ac VHT40: 12.10 dBm / 0.0162 W 802.11ac VHT80: 11.60 dBm / 0.0145 W **<5260 MHz ~ 5320 MHz>** 802.11a : 12.60 dBm / 0.0182 W 802.11n HT20 : 12.70 dBm / 0.0186 W 802.11n HT40 : 12.50 dBm / 0.0178 W 802.11ac VHT20: 12.00 dBm / 0.0158 W 802.11ac VHT40: 12.00 dBm / 0.0158 W 802.11ac VHT80: 11.70 dBm / 0.0148 W **<5500 MHz ~ 5720 MHz >** 802.11a : 12.60 dBm / 0.0182 W 802.11n HT20 : 12.50 dBm / 0.0178 W 802.11n HT40 : 12.70 dBm / 0.0186 W 802.11ac VHT20: 11.90 dBm / 0.0155 W 802.11ac VHT40: 12.10 dBm / 0.0162 W 802.11ac VHT80: 11.90 dBm / 0.0155 W

Standards-related Product Specification	
Maximum Output Power to Antenna	**<Ant. 2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 14.20 dBm / 0.0263 W 802.11n HT20 : 14.20 dBm / 0.0263 W 802.11n HT40 : 13.90 dBm / 0.0245 W 802.11ac VHT20: 12.00 dBm / 0.0158 W 802.11ac VHT40: 11.80 dBm / 0.0151 W 802.11ac VHT80: 11.80 dBm / 0.0151 W **<5260 MHz ~ 5320 MHz>** 802.11a : 14.20 dBm / 0.0263 W 802.11n HT20 : 14.10 dBm / 0.0257 W 802.11n HT40 : 14.30 dBm / 0.0269 W 802.11ac VHT20: 12.20 dBm / 0.0166 W 802.11ac VHT40: 11.90 dBm / 0.0155 W 802.11ac VHT80: 11.80 dBm / 0.0151 W **<5500 MHz ~ 5720 MHz >** 802.11a : 14.10 dBm / 0.0257 W 802.11n HT20 : 14.00 dBm / 0.0251 W 802.11n HT40 : 14.20 dBm / 0.0263 W 802.11ac VHT20: 11.90 dBm / 0.0155 W 802.11ac VHT40: 11.80 dBm / 0.0151 W 802.11ac VHT80: 12.00 dBm / 0.0158 W
99% Occupied Bandwidth	**<Ant. 1>** 802.11a : 16.73 MHz 802.11n HT20 : 17.78 MHz 802.11n HT40 : 36.46 MHz 802.11ac VHT80 : 76.12 MHz **<Ant. 2>** 802.11a : 16.73 MHz 802.11n HT20 : 17.73 MHz 802.11n HT40 : 36.46 MHz 802.11ac VHT80 : 76.12 MHz
Antenna Gain / Gain	**<5180 MHz ~ 5240 MHz>** Ant. 1: IFA Antenna with gain 2.9 dBi Ant. 2: Monopole Antenna with gain 2.1 dBi **<5260 MHz ~ 5320 MHz>** Ant. 1: IFA Antenna with gain 3.0 dBi Ant. 2: Monopole Antenna with gain 2.6 dBi **<5500 MHz ~ 5720 MHz >** Ant. 1: IFA Antenna with gain 2.9 dBi Ant. 2: Monopole Antenna with gain 2.9 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	**Sporton Site No.**		
	TH05-HY	CO05-HY	DFS02-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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.**
	03CH15-HY

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

FCC designation No.: TW1190 and TW0007

1.5 Applicable Standards

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

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

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

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Play MPEG4 from SD Card + USB Cable (Charging from Adapter (AP15))

Remark:

1. For Radiated Test Cases, the tests were performed with Adapter 1.
2. The AC Conducted Emission test case has leveraged from the worst mode of Part 15B AC Conducted Emission.
3. The worst mode of radiated spurious emissions is 802.11ac VHT80 Ch106 for Ant.1 and 802.11n HT40 CH102 for Ant.2, and the EUT with Wireless Charger was verified and recorded in this report.

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

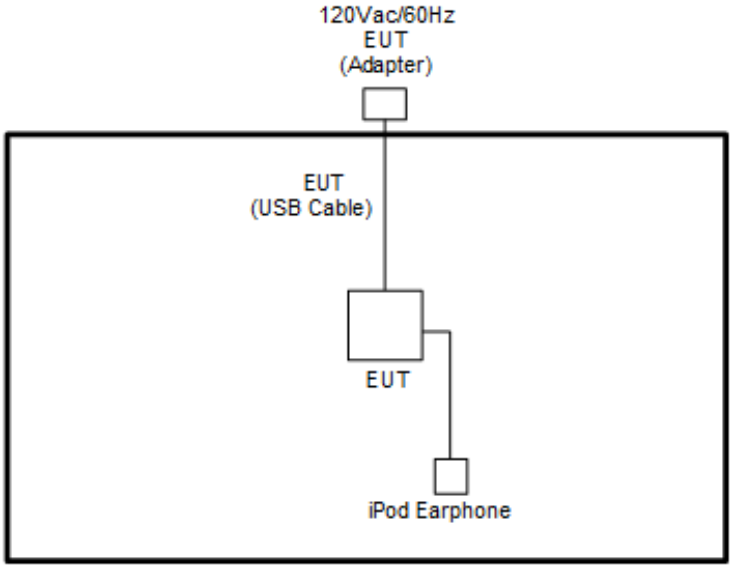
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

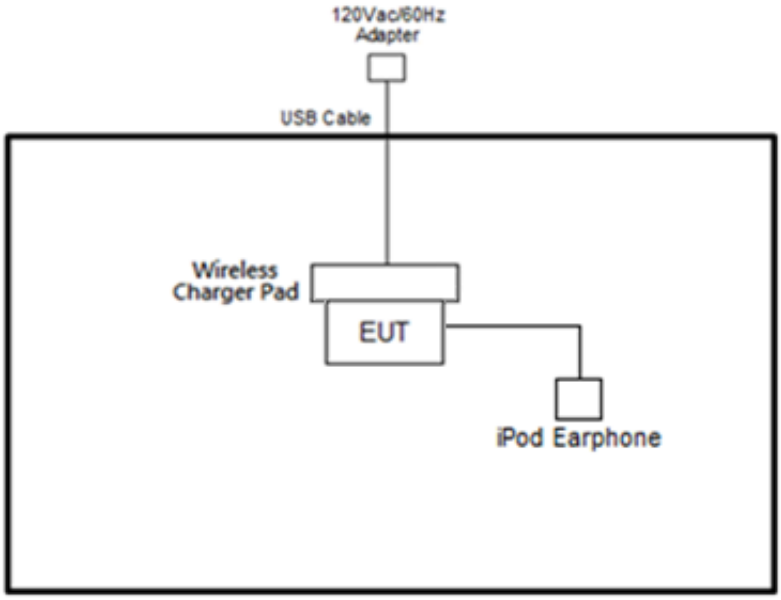
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

2.3 Connection Diagram of Test System

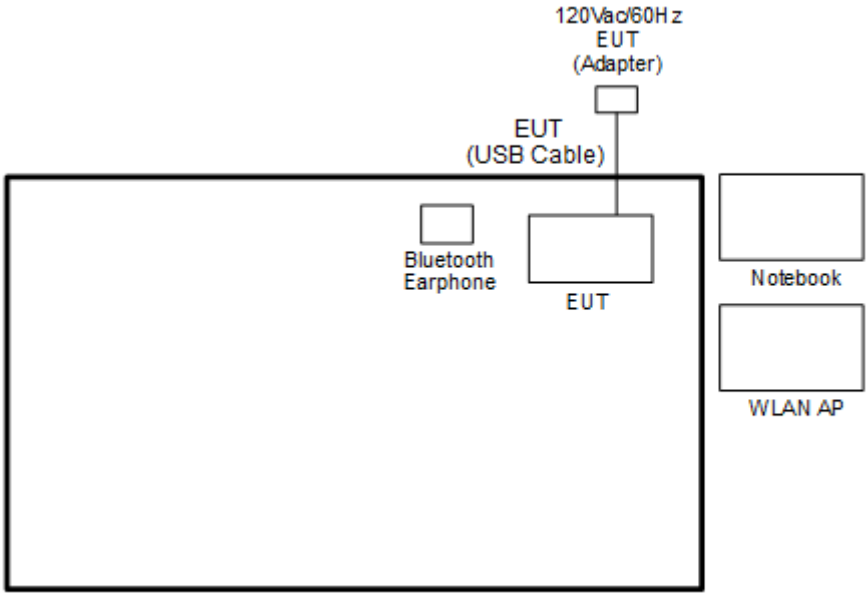
<WLAN Tx with Adapter Mode>



<WLAN Tx with Wireless Charger Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude E3340	FCC DoC/ Contains FCC ID: PD97260NGU	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
5.	Wireless Charger	ANKER	A2524	2AOKB-A2524	N/A	N/A
6.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “CMD” 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.

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

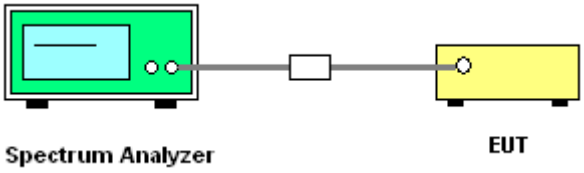
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

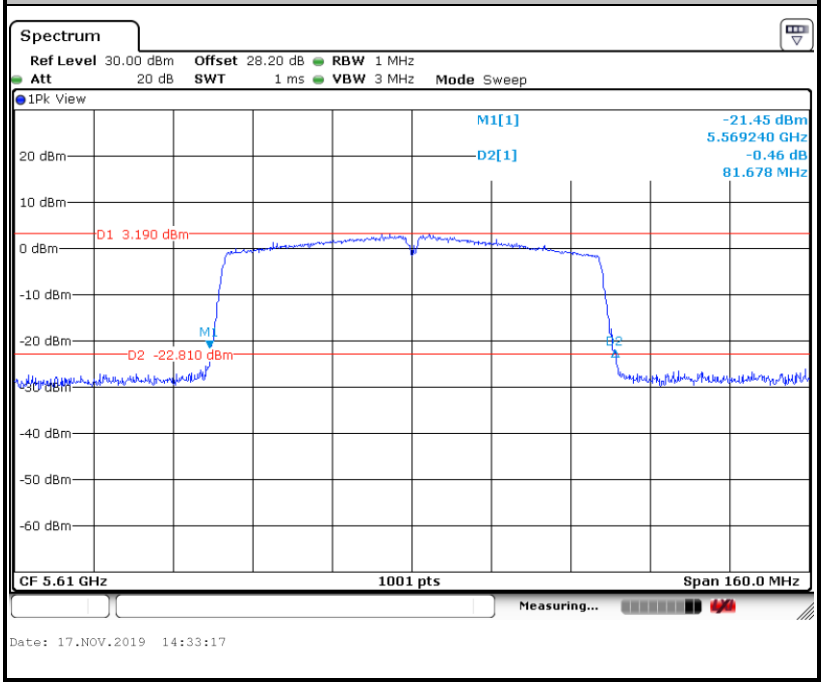
3.1.4 Test Setup



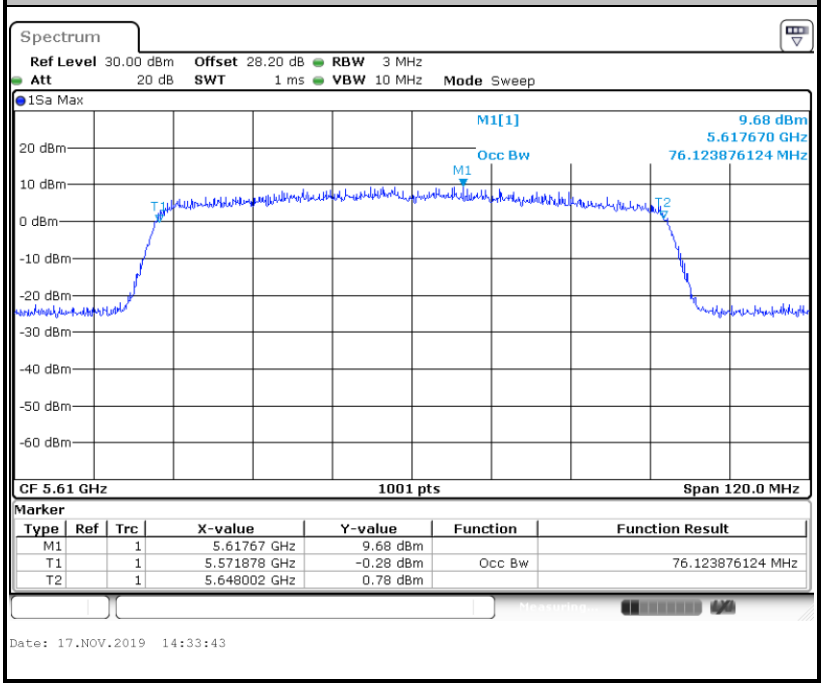
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

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.

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

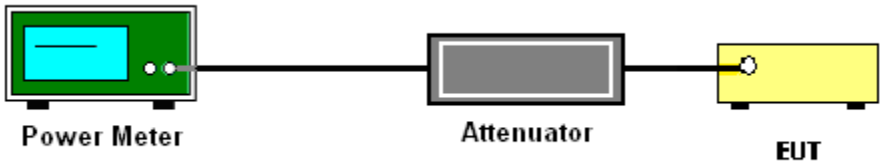
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

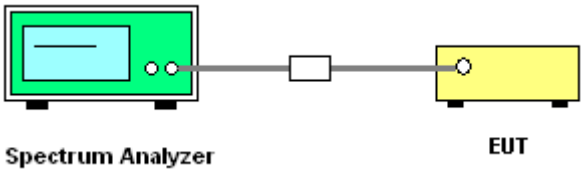
 # Method SA-3 #

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

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
- Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

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

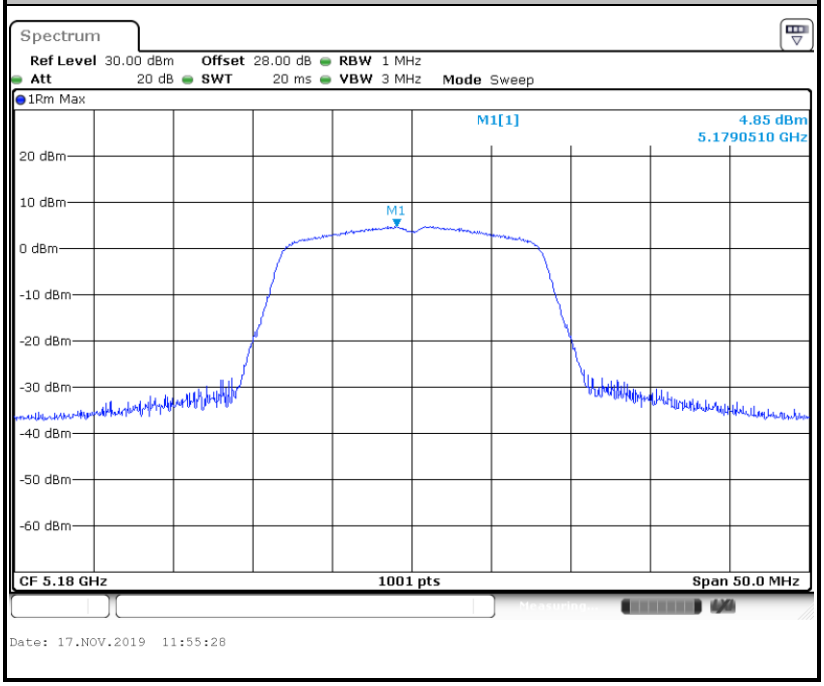
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 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

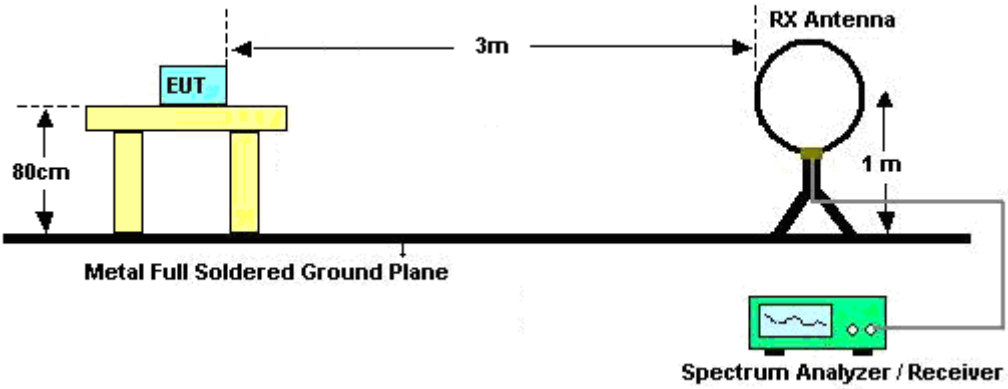
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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.

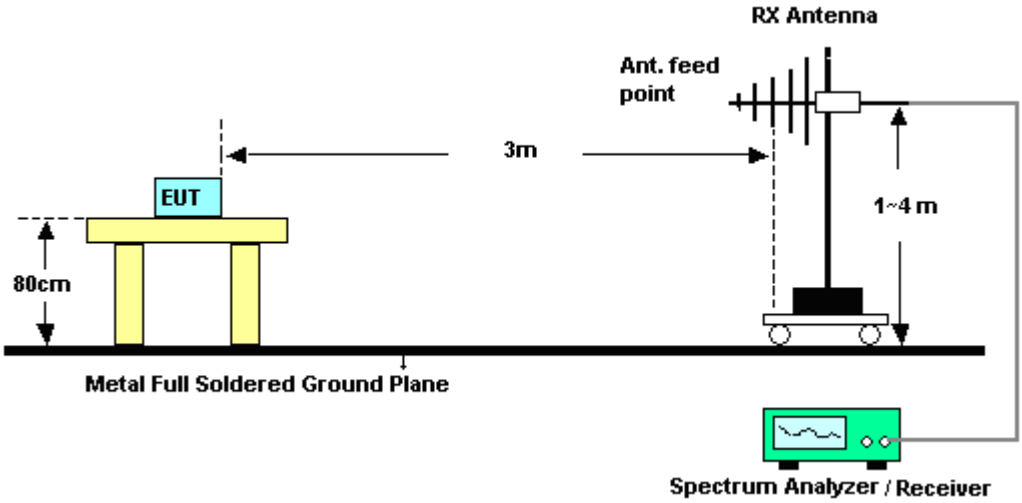
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, 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

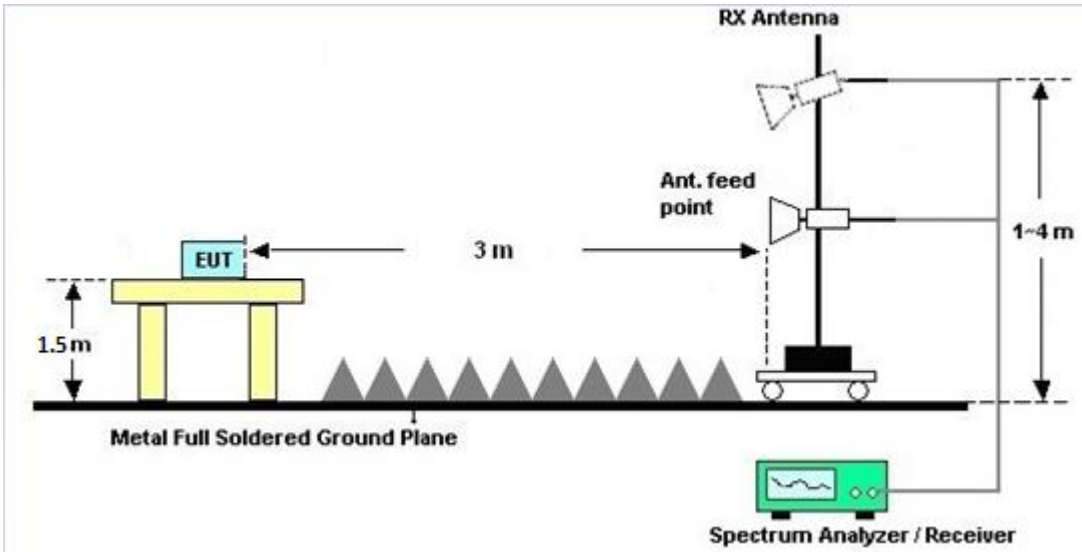
For radiated emissions below 30MHz



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 alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix 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.

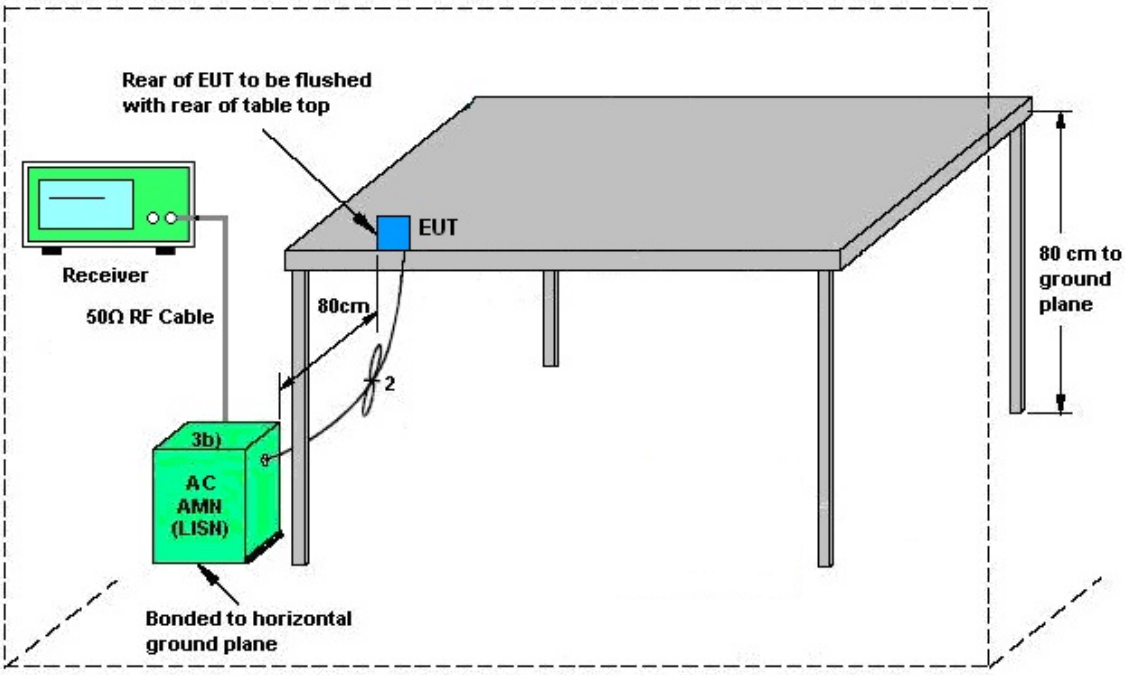
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

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

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

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

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

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

5180MHz

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 07, 2019	Dec. 04, 2019~ Dec. 23, 2019	Jan. 06, 2020	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Nov. 04,2019~ Dec. 03, 2019	Dec. 05, 2019	Radiation (03CH15-HY)
Preamplifier	EMEC INSTRUMENTS&PE	EMC184045B &PE7005-6	980192	18GHz ~ 40GHz	Aug. 01, 2019	Dec. 04, 2019~ Dec. 23, 2019	Jul. 31, 2020	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-2114	1-18GHz	Jul. 31, 2019	Nov. 04, 2019~ Dec. 23, 2019	Jul. 30, 2020	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Dec. 05, 2018	Nov. 04,2019~ Dec. 03, 2019	Dec. 04, 2019	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz~40GHz	May 14, 2019	Dec. 04, 2019~ Dec. 23, 2019	May 13, 2020	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800054001	1GHz~18GHz	May 19, 2019	Nov. 04, 2019~ Dec. 23, 2019	May 18, 2020	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 23, 2019	Nov. 04, 2019~ Dec. 23, 2019	Aug. 22, 2020	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY55420170	20MHz~8.4GHz	Mar. 08, 2019	Nov. 04, 2019~ Dec. 23, 2019	Mar. 07, 2020	Radiation (03CH15-HY
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 27, 2018	Nov. 04, 2019~ Dec. 23, 2019	Dec. 26, 2019	Radiation (03CH15-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Nov. 04, 2019~ Dec. 23, 2019	N/A	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 04, 2019~ Dec. 23, 2019	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 04, 2019~ Dec. 23, 2019	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Nov. 04, 2019~ Dec. 23, 2019	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M-18G	Apr. 15, 2019	Nov. 04, 2019~ Dec. 23, 2019	Apr. 14, 2020	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9838/4PE	30M-18G	Apr. 15, 2019	Nov. 04, 2019~ Dec. 23, 2019	Apr. 14, 2020	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY802430/4	30M~18G	May 13, 2019	Nov. 04, 2019~ Dec. 23, 2019	May 12, 2020	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz-40GHz	Feb. 26, 2019	Nov. 04, 2019~ Dec. 23, 2019	Feb. 25, 2020	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz-40GHz	Feb. 26, 2019	Nov. 04, 2019~ Dec. 23, 2019	Feb. 25, 2020	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN6	6.75GHz High Pass Filter	Jul. 02, 2019	Nov. 04, 2019~ Dec. 23, 2019	Jul. 01, 2020	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010A	MY56070412	10Hz~7GHz	Aug. 27, 2019	Nov. 22, 2019	Aug. 26, 2020	DFS (DFS02-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 07, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jan. 07, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 19, 2019	Jan. 07, 2020	Mar. 18, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Jan. 07, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 07, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jan. 07, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jan. 07, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	Nov. 12, 2019~ Nov. 17, 2019	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO10	10MHz~6GHz	Dec. 19, 2018	Nov. 12, 2019~ Nov. 17, 2019	Dec. 18, 2019	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Jul. 15, 2019	Nov. 12, 2019~ Nov. 17, 2019	Jul. 14, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1208382	N/A	Mar. 27, 2019	Nov. 12, 2019~ Nov. 17, 2019	Mar. 26, 2020	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.0

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0

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))	5.0

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Derek Hsu	Temperature:	21~25	°C
Test Date:	2019/11/12~2019/11/17	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.63	16.63	21.03	21.23	-		22.21	22.21		
11a	6Mbps	1	44	5220	16.73	16.73	20.98	24.13	-		22.24	22.24		
11a	6Mbps	1	48	5240	16.73	16.73	21.18	23.78	-		22.24	22.24		
HT20	MCS0	1	36	5180	17.78	17.73	24.78	21.18	-		22.50	22.49		
HT20	MCS0	1	44	5220	17.68	17.73	23.63	21.38	-		22.48	22.49		
HT20	MCS0	1	48	5240	17.73	17.73	21.53	23.98	-		22.49	22.49		
HT40	MCS0	1	38	5190	36.36	36.36	41.45	41.90	-		23.01	23.01		
HT40	MCS0	1	46	5230	36.36	36.46	41.63	43.97	-		23.01	23.01		
VHT80	MCS0	1	42	5210	75.76	76.00	81.20	81.36	-		23.01	23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	13.90	13.80		24.00	24.00	2.90	2.10		Pass
11a	6Mbps	1	44	5220	14.10	14.20		24.00	24.00	2.90	2.10		Pass
11a	6Mbps	1	48	5240	14.20	14.00		24.00	24.00	2.90	2.10		Pass
HT20	MCS0	1	36	5180	14.00	13.70		24.00	24.00	2.90	2.10		Pass
HT20	MCS0	1	44	5220	14.20	14.20		24.00	24.00	2.90	2.10		Pass
HT20	MCS0	1	48	5240	13.90	14.00		24.00	24.00	2.90	2.10		Pass
HT40	MCS0	1	38	5190	14.10	13.90		24.00	24.00	2.90	2.10		Pass
HT40	MCS0	1	46	5230	14.30	13.80		24.00	24.00	2.90	2.10		Pass
VHT20	MCS0	1	36	5180	11.70	11.90		24.00	24.00	2.90	2.10		Pass
VHT20	MCS0	1	44	5220	11.80	11.80		24.00	24.00	2.90	2.10		Pass
VHT20	MCS0	1	48	5240	11.70	12.00		24.00	24.00	2.90	2.10		Pass
VHT40	MCS0	1	38	5190	12.10	11.70		24.00	24.00	2.90	2.10		Pass
VHT40	MCS0	1	46	5230	12.00	11.80		24.00	24.00	2.90	2.10		Pass
VHT80	MCS0	1	42	5210	11.60	11.80		24.00	24.00	2.90	2.10		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	4.85	4.14		11.00	11.00	2.90	2.10		Pass
11a	6Mbps	1	44	5220	4.56	4.60		11.00	11.00	2.90	2.10		Pass
11a	6Mbps	1	48	5240	4.14	4.20		11.00	11.00	2.90	2.10		Pass
HT20	MCS0	1	36	5180	3.83	3.61		11.00	11.00	2.90	2.10		Pass
HT20	MCS0	1	44	5220	4.27	4.00		11.00	11.00	2.90	2.10		Pass
HT20	MCS0	1	48	5240	3.85	3.91		11.00	11.00	2.90	2.10		Pass
HT40	MCS0	1	38	5190	1.75	1.01		11.00	11.00	2.90	2.10		Pass
HT40	MCS0	1	46	5230	1.19	0.86		11.00	11.00	2.90	2.10		Pass
VHT80	MCS0	1	42	5210	-3.74	-3.81		11.00	11.00	2.90	2.10		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.68	16.68	21.08	22.48	23.22	23.22	29.22	29.22	23.98	23.98	
11a	6Mbps	1	60	5300	16.73	16.68	21.18	21.03	23.24	23.22	29.24	29.22	23.98	23.98	
11a	6Mbps	1	64	5320	16.68	16.68	21.03	22.63	23.22	23.22	29.22	29.22	23.98	23.98	
HT20	MCS0	1	52	5260	17.68	17.73	21.33	22.38	23.48	23.49	29.48	29.49	23.98	23.98	
HT20	MCS0	1	60	5300	17.68	17.68	21.48	21.48	23.48	23.48	29.48	29.48	23.98	23.98	
HT20	MCS0	1	64	5320	17.68	17.68	21.28	21.38	23.48	23.48	29.48	29.48	23.98	23.98	
HT40	MCS0	1	54	5270	36.36	36.36	41.72	41.54	23.98	23.98	30.00	30.00	23.98	23.98	
HT40	MCS0	1	62	5310	36.36	36.36	41.54	41.45	23.98	23.98	30.00	30.00	23.98	23.98	
VHT80	MCS0	1	58	5290	76.00	75.88	81.20	81.52	23.98	23.98	30.00	30.00	23.98	23.98	

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	12.60	14.10		23.98	23.98	3.00	2.60	26.99	Pass
11a	6Mbps	1	60	5300	12.50	14.10		23.98	23.98	3.00	2.60	26.99	Pass
11a	6Mbps	1	64	5320	12.50	14.20		23.98	23.98	3.00	2.60	26.99	Pass
HT20	MCS0	1	52	5260	12.70	14.00		23.98	23.98	3.00	2.60	26.99	Pass
HT20	MCS0	1	60	5300	12.50	13.90		23.98	23.98	3.00	2.60	26.99	Pass
HT20	MCS0	1	64	5320	12.60	14.10		23.98	23.98	3.00	2.60	26.99	Pass
HT40	MCS0	1	54	5270	12.50	14.30		23.98	23.98	3.00	2.60	26.99	Pass
HT40	MCS0	1	62	5310	12.40	14.00		23.98	23.98	3.00	2.60	26.99	Pass
VHT20	MCS0	1	52	5260	12.00	12.00		23.98	23.98	3.00	2.60	26.99	Pass
VHT20	MCS0	1	60	5300	11.90	12.20		23.98	23.98	3.00	2.60	26.99	Pass
VHT20	MCS0	1	64	5320	11.90	12.00		23.98	23.98	3.00	2.60	26.99	Pass
VHT40	MCS0	1	54	5270	11.90	11.80		23.98	23.98	3.00	2.60	26.99	Pass
VHT40	MCS0	1	62	5310	12.00	11.90		23.98	23.98	3.00	2.60	26.99	Pass
VHT80	MCS0	1	58	5290	11.70	11.80		23.98	23.98	3.00	2.60	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	2.99	4.33		11.00	11.00	3.00	2.60		Pass
11a	6Mbps	1	60	5300	2.71	4.32		11.00	11.00	3.00	2.60		Pass
11a	6Mbps	1	64	5320	3.17	4.51		11.00	11.00	3.00	2.60		Pass
HT20	MCS0	1	52	5260	2.64	3.98		11.00	11.00	3.00	2.60		Pass
HT20	MCS0	1	60	5300	2.42	4.05		11.00	11.00	3.00	2.60		Pass
HT20	MCS0	1	64	5320	2.58	4.17		11.00	11.00	3.00	2.60		Pass
HT40	MCS0	1	54	5270	-0.29	1.05		11.00	11.00	3.00	2.60		Pass
HT40	MCS0	1	62	5310	-0.32	1.44		11.00	11.00	3.00	2.60		Pass
VHT80	MCS0	1	58	5290	-4.14	-3.54		11.00	11.00	3.00	2.60		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.68	16.73	21.08	24.08	23.22	23.24	29.22	29.24	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.68	16.68	21.08	23.83	23.22	23.22	29.22	29.22	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.73	16.73	21.03	23.08	23.24	23.24	29.24	29.24	23.98	23.98	----	----
HT20	MCS0	1	100	5500	17.68	17.68	21.43	21.48	23.48	23.48	29.48	29.48	23.98	23.98	----	----
HT20	MCS0	1	116	5580	17.68	17.68	21.43	21.38	23.48	23.48	29.48	29.48	23.98	23.98	----	----
HT20	MCS0	1	140	5700	17.78	17.68	21.43	21.33	23.50	23.48	29.50	29.48	23.98	23.98	----	----
HT40	MCS0	1	102	5510	36.36	36.36	41.63	41.36	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	36.16	36.26	41.72	47.29	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.46	36.36	41.81	41.63	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	106	5530	76.00	75.88	81.52	81.52	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	76.12	76.12	81.68	81.20	23.98	23.98	30.00	30.00	23.98	23.98	----	----

Band III straddle channel single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.39	13.34	15.64	15.39	22.27	22.25	28.27	28.25	22.94	22.87	3.192	3.192
HT20	MCS0	1	144	5720	13.84	13.84	15.64	15.94	22.41	22.41	28.41	28.41	22.94	23.02	3.791	3.791
HT40	MCS0	1	142	5710	33.18	33.18	35.77	35.59	23.98	23.98	30.00	30.00	23.98	23.98	3.162	3.162
VHT80	MCS0	1	138	5690	73.12	73.24	75.76	75.92	23.98	23.98	30.00	30.00	23.98	23.98	3.244	3.204

TEST RESULTS DATA
Average Power Table

FCC Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	12.50	14.00		23.98	23.98	2.90	2.90	26.99	Pass
11a	6Mbps	1	116	5580	12.60	14.10		23.98	23.98	2.90	2.90	26.99	Pass
11a	6Mbps	1	140	5700	12.10	13.50		23.98	23.98	2.90	2.90	26.99	Pass
HT20	MCS0	1	100	5500	12.50	13.90		23.98	23.98	2.90	2.90	26.99	Pass
HT20	MCS0	1	116	5580	12.40	14.00		23.98	23.98	2.90	2.90	26.99	Pass
HT20	MCS0	1	140	5700	12.10	13.50		23.98	23.98	2.90	2.90	26.99	Pass
HT40	MCS0	1	102	5510	12.60	14.10		23.98	23.98	2.90	2.90	26.99	Pass
HT40	MCS0	1	110	5550	12.70	14.20		23.98	23.98	2.90	2.90	26.99	Pass
HT40	MCS0	1	134	5670	12.00	13.60		23.98	23.98	2.90	2.90	26.99	Pass
VHT20	MCS0	1	100	5500	11.90	11.90		23.98	23.98	2.90	2.90	26.99	Pass
VHT20	MCS0	1	116	5580	11.80	11.70		23.98	23.98	2.90	2.90	26.99	Pass
VHT20	MCS0	1	140	5700	11.50	11.30		23.98	23.98	2.90	2.90	26.99	Pass
VHT40	MCS0	1	102	5510	12.10	11.80		23.98	23.98	2.90	2.90	26.99	Pass
VHT40	MCS0	1	110	5550	11.80	11.70		23.98	23.98	2.90	2.90	26.99	Pass
VHT40	MCS0	1	134	5670	11.70	11.50		23.98	23.98	2.90	2.90	26.99	Pass
VHT80	MCS0	1	106	5530	11.90	12.00		23.98	23.98	2.90	2.90	26.99	Pass
VHT80	MCS0	1	122	5610	11.80	11.20		23.98	23.98	2.90	2.90	26.99	Pass

FCC Band III straddle channel single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	12.30	13.80		22.94	22.87	2.90	2.90	26.99	Pass
HT20	MCS0	1	144	5720	12.20	13.80		22.94	23.02	2.90	2.90	26.99	Pass
HT40	MCS0	1	142	5710	11.80	13.30		23.98	23.98	2.90	2.90	26.99	Pass
VHT20	MCS0	1	144	5720	11.50	11.80		22.94	23.02	2.90	2.90	26.99	Pass
VHT40	MCS0	1	142	5710	11.20	11.20		23.98	23.98	2.90	2.90	26.99	Pass
VHT80	MCS0	1	138	5690	11.20	11.30		23.98	23.98	2.90	2.90	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	2.93	4.33		11.00	11.00	2.90	2.90		Pass
11a	6Mbps	1	116	5580	2.67	4.09		11.00	11.00	2.90	2.90		Pass
11a	6Mbps	1	140	5700	2.30	3.40		11.00	11.00	2.90	2.90		Pass
HT20	MCS0	1	100	5500	2.71	4.16		11.00	11.00	2.90	2.90		Pass
HT20	MCS0	1	116	5580	2.53	4.12		11.00	11.00	2.90	2.90		Pass
HT20	MCS0	1	140	5700	1.97	3.30		11.00	11.00	2.90	2.90		Pass
HT40	MCS0	1	102	5510	-0.28	1.15		11.00	11.00	2.90	2.90		Pass
HT40	MCS0	1	110	5550	-0.33	1.18		11.00	11.00	2.90	2.90		Pass
HT40	MCS0	1	134	5670	-0.85	0.47		11.00	11.00	2.90	2.90		Pass
VHT80	MCS0	1	106	5530	-4.05	-4.19		11.00	11.00	2.90	2.90		Pass
VHT80	MCS0	1	122	5610	-4.34	-4.47		11.00	11.00	2.90	2.90		Pass

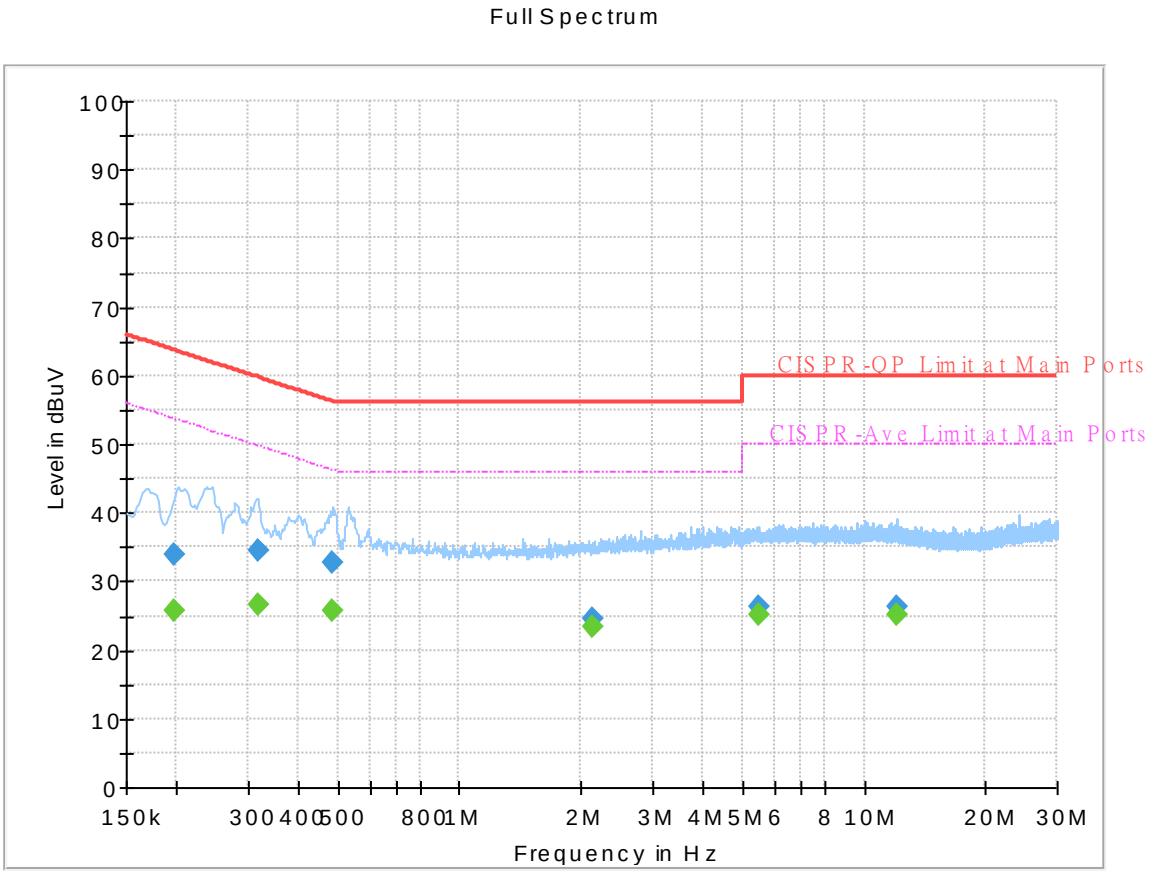
Band III straddle channel single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	2.36	4.27		11.00	11.00	2.90	2.90		Pass
HT20	MCS0	1	144	5720	2.14	3.60		11.00	11.00	2.90	2.90		Pass
HT40	MCS0	1	142	5710	-0.79	0.42		11.00	11.00	2.90	2.90		Pass
VHT80	MCS0	1	138	5690	-4.41	-5.11		11.00	11.00	2.90	2.90		Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	24~26℃
		Relative Humidity :	52~55%

EUT Information

Report NO :	982217-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line



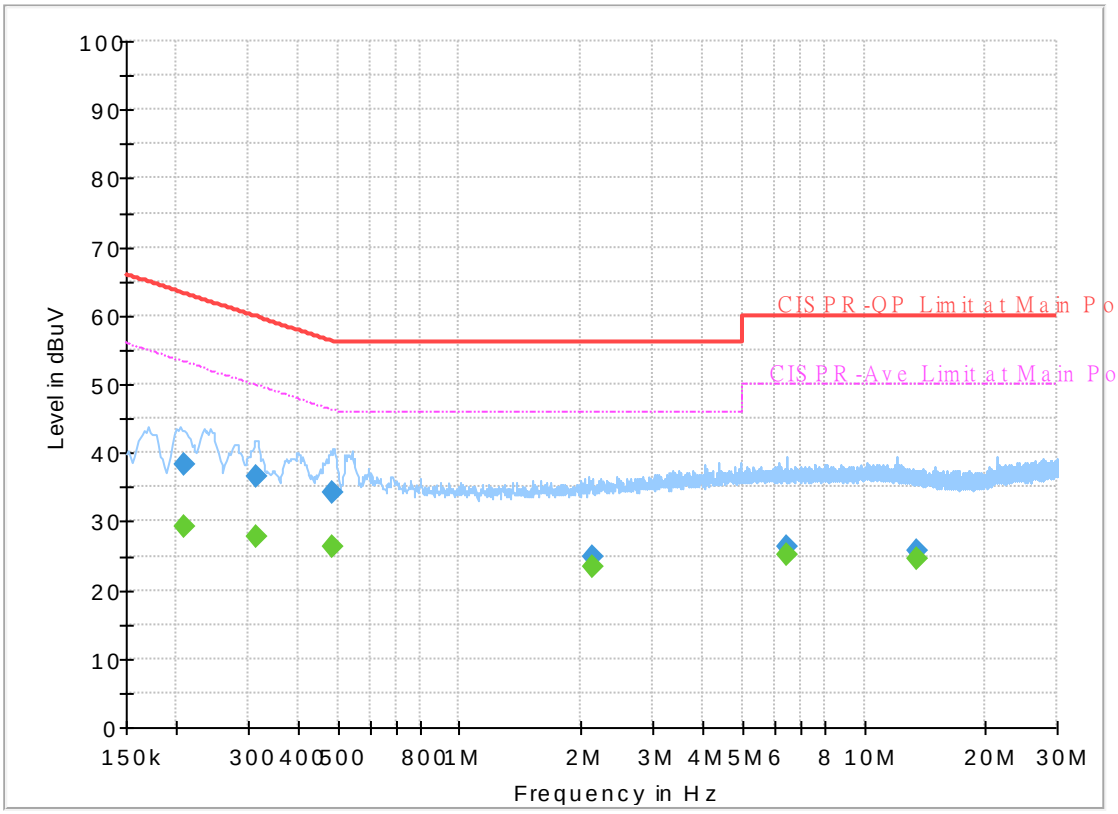
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.197250	---	25.65	53.73	28.08	L1	OFF	19.5
0.197250	34.00	---	63.73	29.73	L1	OFF	19.5
0.318480	---	26.63	49.75	23.12	L1	OFF	19.5
0.318480	34.52	---	59.75	25.23	L1	OFF	19.5
0.483000	---	25.86	46.29	20.43	L1	OFF	19.5
0.483000	32.80	---	56.29	23.49	L1	OFF	19.5
2.141250	---	23.38	46.00	22.62	L1	OFF	19.7
2.141250	24.64	---	56.00	31.36	L1	OFF	19.7
5.514000	---	25.03	50.00	24.97	L1	OFF	19.8
5.514000	26.43	---	60.00	33.57	L1	OFF	19.8
12.029640	---	25.01	50.00	24.99	L1	OFF	20.0
12.029640	26.22	---	60.00	33.78	L1	OFF	20.0

EUT Information

Report NO :	982217-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.208500	---	29.17	53.27	24.10	N	OFF	19.6
0.208500	38.16	---	63.27	25.11	N	OFF	19.6
0.313800	---	27.66	49.87	22.21	N	OFF	19.6
0.313800	36.68	---	59.87	23.19	N	OFF	19.6
0.487500	---	26.22	46.21	19.99	N	OFF	19.6
0.487500	34.12	---	56.21	22.09	N	OFF	19.6
2.132250	---	23.35	46.00	22.65	N	OFF	19.6
2.132250	24.71	---	56.00	31.29	N	OFF	19.6
6.457920	---	25.20	50.00	24.80	N	OFF	19.9
6.457920	26.19	---	60.00	33.81	N	OFF	19.9
13.497090	---	24.60	50.00	25.40	N	OFF	20.1
13.497090	25.65	---	60.00	34.35	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Leo Li and Bigshow Wang	Temperature :	24.2 ~ 25.2°C
		Relative Humidity :	54 ~ 63%

<EUT with Adapter Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5149.5	60.97	-13.03	74	50.05	32.1	9.25	30.43	100	199	P	H
		5149.76	44.79	-9.21	54	33.87	32.1	9.25	30.43	100	199	A	H
	*	5180	108.61	-	-	97.77	31.98	9.29	30.43	100	199	P	H
	*	5180	100.41	-	-	89.57	31.98	9.29	30.43	100	199	A	H
		5147.42	55.83	-18.17	74	44.92	32.09	9.25	30.43	247	65	P	V
		5149.76	41.84	-12.16	54	30.92	32.1	9.25	30.43	247	65	A	V
	*	5180	103.2	-	-	92.36	31.98	9.29	30.43	247	65	P	V
	*	5180	95.25	-	-	84.41	31.98	9.29	30.43	247	65	A	V
802.11a CH 44 5220MHz		5136.5	51.92	-22.08	74	41.04	32.07	9.24	30.43	100	256	P	H
		5150	41.9	-12.1	54	30.97	32.1	9.26	30.43	100	256	A	H
	*	5220	106.96	-	-	96.32	31.74	9.33	30.43	100	256	P	H
	*	5220	99.37	-	-	88.73	31.74	9.33	30.43	100	256	A	H
		5450.2	50.69	-23.31	74	39.56	32	9.56	30.43	100	256	P	H
		5389.16	40.55	-13.45	54	29.9	31.63	9.45	30.43	100	256	A	H
		5138.06	51.19	-22.81	74	40.3	32.08	9.24	30.43	248	63	P	V
		5149.5	40.55	-13.45	54	29.63	32.1	9.25	30.43	248	63	A	V
	*	5220	103.02	-	-	92.38	31.74	9.33	30.43	248	63	P	V
	*	5220	94.62	-	-	83.98	31.74	9.33	30.43	248	63	A	V
		5455.52	50.86	-23.14	74	39.71	32.01	9.57	30.43	248	63	P	V
		5459.72	40.3	-13.7	54	29.13	32.02	9.58	30.43	248	63	A	V

802.11a CH 48 5240MHz		5140.4	51.78	-22.22	74	40.89	32.08	9.24	30.43	100	257	P	H
		5149.24	41.38	-12.62	54	30.46	32.1	9.25	30.43	100	257	A	H
	*	5240	108	-	-	97.51	31.58	9.34	30.43	100	257	P	H
	*	5240	100.04	-	-	89.55	31.58	9.34	30.43	100	257	A	H
		5453.84	51.24	-22.76	74	40.1	32.01	9.56	30.43	100	257	P	H
		5406.8	40.73	-13.27	54	29.95	31.74	9.47	30.43	100	257	A	H
		5086.84	50.89	-23.11	74	40.18	31.95	9.19	30.43	287	267	P	V
		5148.72	40.35	-13.65	54	29.43	32.1	9.25	30.43	287	267	A	V
	*	5240	103.19	-	-	92.7	31.58	9.34	30.43	287	267	P	V
	*	5240	95.75	-	-	85.26	31.58	9.34	30.43	287	267	A	V
		5415.2	50.81	-23.19	74	39.96	31.79	9.49	30.43	287	267	P	V
		5457.48	40.33	-13.67	54	29.18	32.01	9.57	30.43	287	267	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		8288	46.72	-27.28	74	54.91	36.82	12.4	57.41	100	0	P	H
		10360	47.92	-20.28	68.2	53.98	39.66	13.57	59.29	100	0	P	H
		15540	47.17	-26.83	74	51.61	38.5	17.01	59.95	100	0	P	H
		8288	44.13	-29.87	74	52.32	36.82	12.4	57.41	100	0	P	V
		10360	47.44	-20.76	68.2	53.5	39.66	13.57	59.29	100	0	P	V
		15540	46.72	-27.28	74	51.16	38.5	17.01	59.95	100	0	P	V
802.11a CH 44 5220MHz		8352	43.23	-30.77	74	51.52	36.7	12.45	57.44	100	0	P	H
		10440	48.16	-20.04	68.2	53.94	39.9	13.65	59.33	100	0	P	H
		15660	45.01	-28.99	74	49.95	37.78	17.16	59.88	100	0	P	H
		8352	43.85	-30.15	74	52.14	36.7	12.45	57.44	100	0	P	V
		10440	48	-20.2	68.2	53.78	39.9	13.65	59.33	100	0	P	V
		15660	46.21	-27.79	74	51.15	37.78	17.16	59.88	100	0	P	V
802.11a CH 48 5240MHz		8384	46.01	-27.99	74	54.22	36.77	12.47	57.45	100	0	P	H
		10480	48.05	-20.15	68.2	53.82	39.9	13.68	59.35	100	0	P	H
		15720	46.47	-27.53	74	51.56	37.54	17.21	59.84	100	0	P	H
		8384	44.08	-29.92	74	52.29	36.77	12.47	57.45	100	0	P	V
		10480	47.86	-20.34	68.2	53.63	39.9	13.68	59.35	100	0	P	V
		15720	46.42	-27.58	74	51.51	37.54	17.21	59.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5147.68	55.08	-18.92	74	44.16	32.1	9.25	30.43	100	256	P	H
		5150	43.77	-10.23	54	32.84	32.1	9.26	30.43	100	256	A	H
	*	5180	107.41	-	-	96.57	31.98	9.29	30.43	100	256	P	H
	*	5180	99.67	-	-	88.83	31.98	9.29	30.43	100	256	A	H
		5141.18	51.38	-22.62	74	40.48	32.08	9.25	30.43	256	66	P	V
		5150	41.58	-12.42	54	30.65	32.1	9.26	30.43	256	66	A	V
	*	5180	102.8	-	-	91.96	31.98	9.29	30.43	256	66	P	V
	*	5180	94.3	-	-	83.46	31.98	9.29	30.43	256	66	A	V
802.11n HT20 CH 44 5220MHz		5067.08	51.93	-22.07	74	41.33	31.87	9.16	30.43	100	250	P	H
		5150	41.91	-12.09	54	30.98	32.1	9.26	30.43	100	250	A	H
	*	5220	106.88	-	-	96.24	31.74	9.33	30.43	100	250	P	H
	*	5220	99.25	-	-	88.61	31.74	9.33	30.43	100	250	A	H
		5384.96	50.17	-23.83	74	39.54	31.61	9.45	30.43	100	250	P	H
		5388.6	40.53	-13.47	54	29.88	31.63	9.45	30.43	100	250	A	H
		5100.1	50.28	-23.72	74	39.51	32	9.2	30.43	251	64	P	V
		5149.24	40.45	-13.55	54	29.53	32.1	9.25	30.43	251	64	A	V
	*	5220	100.97	-	-	90.33	31.74	9.33	30.43	251	64	P	V
	*	5220	93.35	-	-	82.71	31.74	9.33	30.43	251	64	A	V
		5442.64	50.73	-23.27	74	39.66	31.96	9.54	30.43	251	64	P	V
		5458.04	40.12	-13.88	54	28.96	32.02	9.57	30.43	251	64	A	V

802.11n HT20 CH 48 5240MHz		5134.42	50.52	-23.48	74	39.64	32.07	9.24	30.43	100	256	P	H
		5150	41.29	-12.71	54	30.36	32.1	9.26	30.43	100	256	A	H
	*	5240	107.83	-	-	97.34	31.58	9.34	30.43	100	256	P	H
	*	5240	99.5	-	-	89.01	31.58	9.34	30.43	100	256	A	H
		5351.92	51.11	-22.89	74	40.71	31.41	9.42	30.43	100	256	P	H
		5406.52	40.5	-13.5	54	29.72	31.74	9.47	30.43	100	256	A	H
		5149.24	50.29	-23.71	74	39.37	32.1	9.25	30.43	255	266	P	V
		5150	40.27	-13.73	54	29.34	32.1	9.26	30.43	255	266	A	V
	*	5240	102.56	-	-	92.07	31.58	9.34	30.43	255	266	P	V
	*	5240	94.12	-	-	83.63	31.58	9.34	30.43	255	266	A	V
		5451.32	49.88	-24.12	74	38.75	32	9.56	30.43	255	266	P	V
		5456.64	40.16	-13.84	54	29.01	32.01	9.57	30.43	255	266	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		8288	46.31	-27.69	74	54.5	36.82	12.4	57.41	100	0	P	H
		10360	47.37	-20.83	68.2	53.43	39.66	13.57	59.29	100	0	P	H
		15540	46.9	-27.1	74	51.34	38.5	17.01	59.95	100	0	P	H
		8288	43.69	-30.31	74	51.88	36.82	12.4	57.41	100	0	P	V
		10360	47.53	-20.67	68.2	53.59	39.66	13.57	59.29	100	0	P	V
		15540	46.62	-27.38	74	51.06	38.5	17.01	59.95	100	0	P	V
802.11n HT20 CH 44 5220MHz		8352	45	-29	74	53.29	36.7	12.45	57.44	100	0	P	H
		10440	47.55	-20.65	68.2	53.33	39.9	13.65	59.33	100	0	P	H
		15660	45.43	-28.57	74	50.37	37.78	17.16	59.88	100	0	P	H
		8352	44.14	-29.86	74	52.43	36.7	12.45	57.44	100	0	P	V
		10440	47.91	-20.29	68.2	53.69	39.9	13.65	59.33	100	0	P	V
		15660	46	-28	74	50.94	37.78	17.16	59.88	100	0	P	V
802.11n HT20 CH 48 5240MHz		8384	45.94	-28.06	74	54.15	36.77	12.47	57.45	100	0	P	H
		10480	47.95	-20.25	68.2	53.72	39.9	13.68	59.35	100	0	P	H
		15720	46.85	-27.15	74	51.94	37.54	17.21	59.84	100	0	P	H
		8384	43.67	-30.33	74	51.88	36.77	12.47	57.45	100	0	P	V
		10480	48.21	-19.99	68.2	53.98	39.9	13.68	59.35	100	0	P	V
		15720	46.96	-27.04	74	52.05	37.54	17.21	59.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5150	59.76	-14.24	74	48.83	32.1	9.26	30.43	100	255	P	H
		5149.5	45.21	-8.79	54	34.29	32.1	9.25	30.43	100	255	A	H
	*	5190	104.66	-	-	93.85	31.94	9.3	30.43	100	255	P	H
	*	5190	96.43	-	-	85.62	31.94	9.3	30.43	100	255	A	H
		5390.28	50.53	-23.47	74	39.87	31.64	9.45	30.43	100	255	P	H
		5456.64	40.26	-13.74	54	29.11	32.01	9.57	30.43	100	255	A	H
		5146.9	54.36	-19.64	74	43.45	32.09	9.25	30.43	250	64	P	V
		5149.5	41.88	-12.12	54	30.96	32.1	9.25	30.43	250	64	A	V
	*	5190	97.94	-	-	87.13	31.94	9.3	30.43	250	64	P	V
	*	5190	90.71	-	-	79.9	31.94	9.3	30.43	250	64	A	V
		5438.16	50.5	-23.5	74	39.47	31.93	9.53	30.43	250	64	P	V
		5457.48	40.03	-13.97	54	28.88	32.01	9.57	30.43	250	64	A	V
802.11n HT40 CH 46 5230MHz		5144.3	52.1	-21.9	74	41.19	32.09	9.25	30.43	100	251	P	H
		5150	41.74	-12.26	54	30.81	32.1	9.26	30.43	100	251	A	H
	*	5230	104.87	-	-	94.31	31.66	9.33	30.43	100	251	P	H
	*	5230	96.62	-	-	86.06	31.66	9.33	30.43	100	251	A	H
		5442.92	51.04	-22.96	74	39.97	31.96	9.54	30.43	100	251	P	H
		5398.68	40.44	-13.56	54	29.72	31.69	9.46	30.43	100	251	A	H
		5135.46	49.91	-24.09	74	39.03	32.07	9.24	30.43	269	264	P	V
		5150	40.49	-13.51	54	29.56	32.1	9.26	30.43	269	264	A	V
	*	5230	99.35	-	-	88.79	31.66	9.33	30.43	269	264	P	V
	*	5230	91.17	-	-	80.61	31.66	9.33	30.43	269	264	A	V
		5409.88	50.31	-23.69	74	39.5	31.76	9.48	30.43	269	264	P	V
		5459.16	40.1	-13.9	54	28.93	32.02	9.58	30.43	269	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		8352	43.64	-30.36	74	51.93	36.7	12.45	57.44	100	0	P	H
		10380	47.87	-20.33	68.2	53.8	39.78	13.59	59.3	100	0	P	H
		15570	45.33	-28.67	74	49.87	38.35	17.05	59.94	100	0	P	H
		8352	43.2	-30.8	74	51.49	36.7	12.45	57.44	100	0	P	V
		10380	47.24	-20.96	68.2	53.17	39.78	13.59	59.3	100	0	P	V
		15570	45.34	-28.66	74	49.88	38.35	17.05	59.94	100	0	P	V
802.11n HT40 CH 46 5230MHz		8368	45.63	-28.37	74	53.89	36.74	12.45	57.45	100	0	P	H
		10460	47.48	-20.72	68.2	53.26	39.9	13.66	59.34	100	0	P	H
		15690	45.67	-28.33	74	50.77	37.57	17.19	59.86	100	0	P	H
		8368	44.08	-29.92	74	52.34	36.74	12.45	57.45	100	0	P	V
		10460	47.47	-20.73	68.2	53.25	39.9	13.66	59.34	100	0	P	V
		15690	45.14	-28.86	74	50.24	37.57	17.19	59.86	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5140.14	52.75	-21.25	74	41.86	32.08	9.24	30.43	100	253	P	H
		5150	44.15	-9.85	54	33.22	32.1	9.26	30.43	100	253	A	H
	*	5210	98.47	-	-	87.76	31.82	9.32	30.43	100	253	P	H
	*	5210	89.86	-	-	79.15	31.82	9.32	30.43	100	253	A	H
		5393.08	50.89	-23.11	74	40.21	31.66	9.45	30.43	100	253	P	H
		5458.32	40.25	-13.75	54	29.09	32.02	9.57	30.43	100	253	A	H
		5044.72	52.01	-21.99	74	41.53	31.77	9.14	30.43	342	342	P	V
		5150	41.04	-12.96	54	30.11	32.1	9.26	30.43	342	342	A	V
	*	5210	92.37	-	-	81.66	31.82	9.32	30.43	342	342	P	V
	*	5210	84.13	-	-	73.42	31.82	9.32	30.43	342	342	A	V
		5417.72	50.29	-23.71	74	39.42	31.81	9.49	30.43	342	342	P	V
		5456.92	39.91	-14.09	54	28.76	32.01	9.57	30.43	342	342	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		8336	46.06	-27.94	74	54.33	36.73	12.43	57.43	400	0	P	H
		10420	48.27	-19.93	68.2	54.07	39.9	13.62	59.32	100	0	P	H
		15630	46.52	-27.48	74	51.31	37.99	17.12	59.9	100	0	P	H
		8336	44.16	-29.84	74	52.43	36.73	12.43	57.43	100	0	P	V
		10420	47.51	-20.69	68.2	53.31	39.9	13.62	59.32	100	0	P	V
		15630	46.37	-27.63	74	51.16	37.99	17.12	59.9	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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		5085.68	50.42	-23.58	74	39.73	31.94	9.18	30.43	100	211	P	H
		5149.94	40.63	-13.37	54	29.71	32.1	9.25	30.43	100	211	A	H
	*	5260	105.82	-	-	95.41	31.48	9.36	30.43	100	211	P	H
	*	5260	98.19	-	-	87.78	31.48	9.36	30.43	100	211	A	H
		5406	50.3	-23.7	74	39.52	31.74	9.47	30.43	100	211	P	H
		5350.32	40.48	-13.52	54	30.09	31.4	9.42	30.43	100	211	A	H
		5110.16	50.65	-23.35	74	39.85	32.02	9.21	30.43	300	104	P	V
		5149.26	40.04	-13.96	54	29.12	32.1	9.25	30.43	300	104	A	V
	*	5260	100.83	-	-	90.42	31.48	9.36	30.43	300	104	P	V
	*	5260	92.89	-	-	82.48	31.48	9.36	30.43	300	104	A	V
		5353.2	50.06	-23.94	74	39.65	31.42	9.42	30.43	300	104	P	V
		5455.92	40.14	-13.86	54	28.99	32.01	9.57	30.43	300	104	A	V
802.11a CH 60 5300MHz		5043.18	50.31	-23.69	74	39.84	31.76	9.14	30.43	100	209	P	H
		5133.62	40.3	-13.7	54	29.42	32.07	9.24	30.43	100	209	A	H
	*	5300	104.89	-	-	94.53	31.4	9.39	30.43	100	209	P	H
	*	5300	96.63	-	-	86.27	31.4	9.39	30.43	100	209	A	H
		5415.36	51.69	-22.31	74	40.84	31.79	9.49	30.43	100	209	P	H
		5350.08	41.23	-12.77	54	30.84	31.4	9.42	30.43	100	209	A	H
		5123.42	49.77	-24.23	74	38.92	32.05	9.23	30.43	317	346	P	V
		5129.2	40.29	-13.71	54	29.43	32.06	9.23	30.43	317	346	A	V
	*	5300	101.98	-	-	91.62	31.4	9.39	30.43	317	346	P	V
	*	5300	93.75	-	-	83.39	31.4	9.39	30.43	317	346	A	V
		5359.68	50.27	-23.73	74	39.81	31.46	9.43	30.43	317	346	P	V
		5457.6	40.11	-13.89	54	28.95	32.02	9.57	30.43	317	346	A	V

802.11a CH 64 5320MHz	*	5320	105.51	-	-	95.14	31.4	9.4	30.43	100	257	P	H
	*	5320	97.2	-	-	86.83	31.4	9.4	30.43	100	257	A	H
		5360.64	51.72	-22.28	74	41.26	31.46	9.43	30.43	100	257	P	H
		5350.08	42.35	-11.65	54	31.96	31.4	9.42	30.43	100	257	A	H
	*	5320	102.58	-	-	92.21	31.4	9.4	30.43	287	304	P	V
	*	5320	94.27	-	-	83.9	31.4	9.4	30.43	287	304	A	V
		5352.96	51.03	-22.97	74	40.62	31.42	9.42	30.43	287	304	P	V
		5350.08	41.1	-12.9	54	30.71	31.4	9.42	30.43	287	304	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		8416	46.59	-27.41	74	54.74	36.83	12.49	57.47	100	0	P	H
		10520	48.18	-20.02	68.2	54.01	39.88	13.69	59.4	100	0	P	H
		15780	46.55	-27.45	74	51.42	37.66	17.27	59.8	100	0	P	H
		8416	44.35	-29.65	74	52.5	36.83	12.49	57.47	100	0	P	V
		10520	47.54	-20.66	68.2	53.37	39.88	13.69	59.4	100	0	P	V
		15780	45.37	-28.63	74	50.24	37.66	17.27	59.8	100	0	P	V
802.11a CH 60 5300MHz		8480	45.05	-28.95	74	52.95	37.08	12.52	57.5	100	0	P	H
		10600	47.45	-26.55	74	53.52	39.8	13.71	59.58	100	0	P	H
		15900	45.77	-28.23	74	50.81	37.3	17.38	59.72	100	0	P	H
		8480	44.2	-29.8	74	52.1	37.08	12.52	57.5	100	0	P	V
		10600	48.66	-25.34	74	54.73	39.8	13.71	59.58	100	0	P	V
		15900	46.22	-27.78	74	51.26	37.3	17.38	59.72	100	0	P	V
802.11a CH 64 5320MHz		8512	45.98	-22.22	68.2	53.7	37.25	12.54	57.51	100	0	P	H
		10640	48.71	-25.29	74	54.78	39.88	13.72	59.67	100	0	P	H
		15960	45.35	-28.65	74	50.53	37.18	17.33	59.69	100	0	P	H
		8512	44.33	-23.87	68.2	52.05	37.25	12.54	57.51	100	0	P	V
		10640	48.75	-25.25	74	54.82	39.88	13.72	59.67	100	0	P	V
		15960	45.8	-28.2	74	50.98	37.18	17.33	59.69	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5119	50.7	-23.3	74	39.87	32.04	9.22	30.43	100	194	P	H
		5148.24	40.77	-13.23	54	29.85	32.1	9.25	30.43	100	194	A	H
	*	5260	106.71	-	-	96.3	31.48	9.36	30.43	100	194	P	H
	*	5260	99.18	-	-	88.77	31.48	9.36	30.43	100	194	A	H
		5409.84	51.38	-22.62	74	40.57	31.76	9.48	30.43	100	194	P	H
		5350.32	40.4	-13.6	54	30.01	31.4	9.42	30.43	100	194	A	H
		5119	49.79	-24.21	74	38.96	32.04	9.22	30.43	300	96	P	V
		5106.42	39.94	-14.06	54	29.15	32.01	9.21	30.43	300	96	A	V
	*	5260	97.99	-	-	87.58	31.48	9.36	30.43	300	96	P	V
	*	5260	90.58	-	-	80.17	31.48	9.36	30.43	300	96	A	V
		5428.8	49.8	-24.2	74	38.84	31.87	9.52	30.43	300	96	P	V
		5459.52	40.1	-13.9	54	28.93	32.02	9.58	30.43	300	96	A	V
802.11n HT20 CH 60 5300MHz		5116.62	50.49	-23.51	74	39.67	32.03	9.22	30.43	100	195	P	H
		5131.92	40.28	-13.72	54	29.41	32.06	9.24	30.43	100	195	A	H
	*	5300	105.72	-	-	95.36	31.4	9.39	30.43	100	195	P	H
	*	5300	97.86	-	-	87.5	31.4	9.39	30.43	100	195	A	H
		5391.36	50.25	-23.75	74	39.58	31.65	9.45	30.43	100	195	P	H
		5350.08	41.26	-12.74	54	30.87	31.4	9.42	30.43	100	195	A	H
		5089.76	49.98	-24.02	74	39.26	31.96	9.19	30.43	295	88	P	V
		5149.26	39.95	-14.05	54	29.03	32.1	9.25	30.43	295	88	A	V
	*	5300	99.97	-	-	89.61	31.4	9.39	30.43	295	88	P	V
	*	5300	91.84	-	-	81.48	31.4	9.39	30.43	295	88	A	V
		5427.84	50.11	-23.89	74	39.16	31.87	9.51	30.43	295	88	P	V
		5457.6	40.12	-13.88	54	28.96	32.02	9.57	30.43	295	88	A	V

802.11n HT20 CH 64 5320MHz	*	5320	105.52	-	-	95.15	31.4	9.4	30.43	100	258	P	H
	*	5320	97.31	-	-	86.94	31.4	9.4	30.43	100	258	A	H
		5369.28	51.32	-22.68	74	40.79	31.52	9.44	30.43	100	258	P	H
		5350.08	42.65	-11.35	54	32.26	31.4	9.42	30.43	100	258	A	H
	*	5320	101.64	-	-	91.27	31.4	9.4	30.43	276	88	P	V
	*	5320	93.54	-	-	83.17	31.4	9.4	30.43	276	88	A	V
		5365.76	51.61	-22.39	74	41.12	31.49	9.43	30.43	276	88	P	V
		5350.08	41.28	-12.72	54	30.89	31.4	9.42	30.43	276	88	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		8416	46.21	-27.79	74	54.36	36.83	12.49	57.47	100	0	P	H
		10520	47.63	-20.57	68.2	53.46	39.88	13.69	59.4	100	0	P	H
		15780	45.3	-28.7	74	50.17	37.66	17.27	59.8	100	0	P	H
		8416	44.02	-29.98	74	52.17	36.83	12.49	57.47	100	0	P	V
		10520	48.16	-20.04	68.2	53.99	39.88	13.69	59.4	100	0	P	V
		15780	45.55	-28.45	74	50.42	37.66	17.27	59.8	100	0	P	V
802.11n HT20 CH 60 5300MHz		8480	45.51	-28.49	74	53.41	37.08	12.52	57.5	100	0	P	H
		10600	47.63	-26.37	74	53.7	39.8	13.71	59.58	100	0	P	H
		15900	46.45	-27.55	74	51.49	37.3	17.38	59.72	100	0	P	H
		8480	44.27	-29.73	74	52.17	37.08	12.52	57.5	100	0	P	V
		10600	48.43	-25.57	74	54.5	39.8	13.71	59.58	100	0	P	V
		15900	45.96	-28.04	74	51	37.3	17.38	59.72	100	0	P	V
802.11n HT20 CH 64 5320MHz		8507	45.7	-22.5	68.2	53.44	37.23	12.54	57.51	100	0	P	H
		10640	48.4	-25.6	74	54.47	39.88	13.72	59.67	100	0	P	H
		15960	46.11	-27.89	74	51.29	37.18	17.33	59.69	100	0	P	H
		8512	45.17	-23.03	68.2	52.89	37.25	12.54	57.51	100	0	P	V
		10640	48.7	-25.3	74	54.77	39.88	13.72	59.67	100	0	P	V
		15960	45.6	-28.4	74	50.78	37.18	17.33	59.69	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5040.46	50.97	-23.03	74	40.53	31.74	9.13	30.43	100	213	P	H
		5149.26	40.59	-13.41	54	29.67	32.1	9.25	30.43	100	213	A	H
	*	5270	103.93	-	-	93.54	31.46	9.36	30.43	100	213	P	H
	*	5270	95.77	-	-	85.38	31.46	9.36	30.43	100	213	A	H
		5448.24	52	-22	74	40.89	31.99	9.55	30.43	100	213	P	H
		5355.84	40.67	-13.33	54	30.23	31.44	9.43	30.43	100	213	A	H
		5142.12	51.01	-22.99	74	40.11	32.08	9.25	30.43	270	345	P	V
		5149.94	40.51	-13.49	54	29.59	32.1	9.25	30.43	270	345	A	V
	*	5270	99.43	-	-	89.04	31.46	9.36	30.43	270	345	P	V
	*	5270	91.23	-	-	80.84	31.46	9.36	30.43	270	345	A	V
		5440.32	50.93	-23.07	74	39.88	31.94	9.54	30.43	270	345	P	V
		5458.32	40.16	-13.84	54	29	32.02	9.57	30.43	270	345	A	V
802.11n HT40 CH 62 5310MHz		5149.6	50.53	-23.47	74	39.61	32.1	9.25	30.43	100	198	P	H
		5149.94	40.71	-13.29	54	29.79	32.1	9.25	30.43	100	198	A	H
	*	5310	103.24	-	-	92.88	31.4	9.39	30.43	100	198	P	H
	*	5310	94.94	-	-	84.58	31.4	9.39	30.43	100	198	A	H
		5354.4	52.46	-21.54	74	42.03	31.43	9.43	30.43	100	198	P	H
		5350.08	43.48	-10.52	54	33.09	31.4	9.42	30.43	100	198	A	H
		5100.64	51.7	-22.3	74	40.93	32	9.2	30.43	337	352	P	V
		5148.92	40.37	-13.63	54	29.45	32.1	9.25	30.43	337	352	A	V
	*	5310	100.98	-	-	90.62	31.4	9.39	30.43	337	352	P	V
	*	5310	92.59	-	-	82.23	31.4	9.39	30.43	337	352	A	V
		5351.28	51.53	-22.47	74	41.13	31.41	9.42	30.43	337	352	P	V
		5350.56	42.12	-11.88	54	31.73	31.4	9.42	30.43	337	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		8432	44.55	-29.45	74	52.67	36.86	12.5	57.48	100	0	P	H
		10540	47.78	-20.42	68.2	53.67	39.86	13.7	59.45	100	0	P	H
		15810	47.36	-26.64	74	52.18	37.66	17.3	59.78	100	0	P	H
		8432	44.42	-29.58	74	52.54	36.86	12.5	57.48	100	0	P	V
		10540	48.19	-20.01	68.2	54.08	39.86	13.7	59.45	100	0	P	V
		15810	46.39	-27.61	74	51.21	37.66	17.3	59.78	100	0	P	V
802.11n HT40 CH 62 5310MHz		8496	47.26	-26.74	74	55.06	37.18	12.53	57.51	100	0	P	H
		10620	48.94	-25.06	74	55.01	39.84	13.72	59.63	100	0	P	H
		15930	46.88	-27.12	74	51.98	37.24	17.36	59.7	100	0	P	H
		8496	44.85	-29.15	74	52.65	37.18	12.53	57.51	100	0	P	V
		10620	48.51	-25.49	74	54.58	39.84	13.72	59.63	100	0	P	V
		15930	46.16	-27.84	74	51.26	37.24	17.36	59.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5126.14	51.17	-22.83	74	40.32	32.05	9.23	30.43	100	196	P	H
		5149.6	41.42	-12.58	54	30.5	32.1	9.25	30.43	100	196	A	H
	*	5290	100.14	-	-	89.77	31.42	9.38	30.43	100	196	P	H
	*	5290	91.66	-	-	81.29	31.42	9.38	30.43	100	196	A	H
		5354.4	56.6	-17.4	74	46.17	31.43	9.43	30.43	100	196	P	H
		5350.08	46.23	-7.77	54	35.84	31.4	9.42	30.43	100	196	A	H
		5137.7	50.66	-23.34	74	39.77	32.08	9.24	30.43	298	359	P	V
		5108.8	40.68	-13.32	54	29.88	32.02	9.21	30.43	298	359	A	V
	*	5290	95.61	-	-	85.24	31.42	9.38	30.43	298	359	P	V
	*	5290	87.82	-	-	77.45	31.42	9.38	30.43	298	359	A	V
		5350.08	51.57	-22.43	74	41.18	31.4	9.42	30.43	298	359	P	V
		5350.08	42.63	-11.37	54	32.24	31.4	9.42	30.43	298	359	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		8464	46.4	-27.6	74	54.39	36.98	12.52	57.49	100	0	P	H
		10580	47.55	-20.65	68.2	53.56	39.82	13.71	59.54	100	0	P	H
		15870	45.38	-28.62	74	50.35	37.42	17.35	59.74	100	0	P	H
		8464	43.71	-30.29	74	51.7	36.98	12.52	57.49	100	0	P	V
		10580	47.79	-20.41	68.2	53.8	39.82	13.71	59.54	100	0	P	V
		15870	45.7	-28.3	74	50.67	37.42	17.35	59.74	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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		5457.2	52.9	-21.1	74	41.75	32.01	9.57	30.43	100	91	P	H
		5468.56	53.02	-15.18	68.2	41.82	32.04	9.59	30.43	100	91	P	H
		5459.6	42.96	-11.04	54	31.79	32.02	9.58	30.43	100	91	A	H
	*	5500	107.64	-	-	96.31	32.1	9.66	30.43	100	91	P	H
	*	5500	99.47	-	-	88.14	32.1	9.66	30.43	100	91	A	H
		5450.64	52.34	-21.66	74	41.21	32	9.56	30.43	261	80	P	V
		5461.36	51.75	-16.45	68.2	40.58	32.02	9.58	30.43	261	80	P	V
		5459.6	41.65	-12.35	54	30.48	32.02	9.58	30.43	261	80	A	V
	*	5500	103.58	-	-	92.25	32.1	9.66	30.43	261	80	P	V
	*	5500	95.54	-	-	84.21	32.1	9.66	30.43	261	80	A	V
802.11a CH 116 5580MHz		5360.8	50.77	-23.23	74	40.31	31.46	9.43	30.43	100	91	P	H
		5463.52	50.56	-17.64	68.2	39.38	32.03	9.58	30.43	100	91	P	H
		5458.96	41.35	-12.65	54	30.19	32.02	9.57	30.43	100	91	A	H
	*	5580	107.46	-	-	96.19	31.94	9.81	30.48	100	91	P	H
	*	5580	99.59	-	-	88.32	31.94	9.81	30.48	100	91	A	H
		5758.7	50.74	-17.46	68.2	39.06	32.4	9.87	30.59	100	91	P	H
		5446.72	50.5	-23.5	74	39.4	31.98	9.55	30.43	266	79	P	V
		5463.76	49.88	-18.32	68.2	38.7	32.03	9.58	30.43	266	79	P	V
		5459.68	40.74	-13.26	54	29.57	32.02	9.58	30.43	266	79	A	V
	*	5580	102.33	-	-	91.06	31.94	9.81	30.48	266	79	P	V
	*	5580	94.5	-	-	83.23	31.94	9.81	30.48	266	79	A	V
		5742.95	50.11	-18.09	68.2	38.46	32.37	9.86	30.58	266	79	P	V

802.11a CH 140 5700MHz	*	5700	105.83	-	-	94.32	32.2	9.86	30.55	100	95	P	H
	*	5700	97.43	-	-	85.92	32.2	9.86	30.55	100	95	A	H
		5725.16	55.68	-12.52	68.2	44.09	32.3	9.86	30.57	100	95	P	H
	*	5700	99.95	-	-	88.44	32.2	9.86	30.55	250	93	P	V
	*	5700	92.24	-	-	80.73	32.2	9.86	30.55	250	93	A	V
		5763.56	51.74	-16.46	68.2	40.06	32.4	9.87	30.59	250	93	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		8800	47.82	-20.38	68.2	54.57	38	12.78	57.53	100	0	P	H
		11000	48.52	-25.48	74	54.54	40.6	13.86	60.48	100	0	P	H
		16500	47.31	-20.89	68.2	49.4	39.3	17.55	58.94	100	0	P	H
		8800	46.09	-22.11	68.2	52.84	38	12.78	57.53	100	0	P	V
		11000	48.7	-25.3	74	54.72	40.6	13.86	60.48	100	0	P	V
		16500	46.42	-21.78	68.2	48.51	39.3	17.55	58.94	100	0	P	V
802.11a CH 116 5580MHz		8928	47.04	-21.16	68.2	53.94	37.89	12.75	57.54	100	0	P	H
		11160	48.16	-25.84	74	54.51	40.08	14.14	60.57	100	0	P	H
		16740	46.96	-21.24	68.2	47.54	39.88	17.92	58.38	100	0	P	H
		8928	45.48	-22.72	68.2	52.38	37.89	12.75	57.54	100	0	P	V
		11160	48.61	-25.39	74	54.96	40.08	14.14	60.57	100	0	P	V
		16740	48	-20.2	68.2	48.58	39.88	17.92	58.38	100	0	P	V
802.11a CH 140 5700MHz		9120	45.44	-28.56	74	52.03	38.16	13.03	57.78	100	0	P	H
		11400	48.08	-25.92	74	54.05	40.2	14.53	60.7	100	0	P	H
		17100	48.14	-20.06	68.2	47.41	39.9	18.24	57.41	100	0	P	H
		9120	46.27	-27.73	74	52.86	38.16	13.03	57.78	100	0	P	V
		11400	48.02	-25.98	74	53.99	40.2	14.53	60.7	100	0	P	V
		17100	48.37	-19.83	68.2	47.64	39.9	18.24	57.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5448.4	52.67	-21.33	74	41.56	31.99	9.55	30.43	100	98	P	H
		5469.68	52.75	-15.45	68.2	41.54	32.04	9.6	30.43	100	98	P	H
		5459.76	43.33	-10.67	54	32.16	32.02	9.58	30.43	100	98	A	H
	*	5500	107.69	-	-	96.36	32.1	9.66	30.43	100	98	P	H
	*	5500	99.49	-	-	88.16	32.1	9.66	30.43	100	98	A	H
		5446.16	51.52	-22.48	74	40.42	31.98	9.55	30.43	261	79	P	V
		5469.84	52.08	-16.12	68.2	40.87	32.04	9.6	30.43	261	79	P	V
		5458.96	41.93	-12.07	54	30.77	32.02	9.57	30.43	261	79	A	V
	*	5500	103.08	-	-	91.75	32.1	9.66	30.43	261	79	P	V
	*	5500	95.58	-	-	84.25	32.1	9.66	30.43	261	79	A	V
802.11n HT20 CH 116 5580MHz		5452.72	50.64	-23.36	74	39.5	32.01	9.56	30.43	100	90	P	H
		5469.76	50.74	-17.46	68.2	39.53	32.04	9.6	30.43	100	90	P	H
		5459.2	41.06	-12.94	54	29.89	32.02	9.58	30.43	100	90	A	H
	*	5580	107.08	-	-	95.81	31.94	9.81	30.48	100	90	P	H
	*	5580	99.04	-	-	87.77	31.94	9.81	30.48	100	90	A	H
		5733.5	50.92	-17.28	68.2	39.3	32.33	9.86	30.57	100	90	P	H
		5418.64	51.74	-22.26	74	40.86	31.81	9.5	30.43	266	81	P	V
		5469.76	50.46	-17.74	68.2	39.25	32.04	9.6	30.43	266	81	P	V
		5455.84	40.89	-13.11	54	29.74	32.01	9.57	30.43	266	81	A	V
	*	5580	103.82	-	-	92.55	31.94	9.81	30.48	266	81	P	V
	*	5580	95.47	-	-	84.2	31.94	9.81	30.48	266	81	A	V
		5756.18	50.04	-18.16	68.2	38.36	32.4	9.87	30.59	266	81	P	V

802.11n HT20 CH 140 5700MHz	*	5700	105.19	-	-	93.68	32.2	9.86	30.55	100	90	P	H
	*	5700	97.33	-	-	85.82	32.2	9.86	30.55	100	90	A	H
		5725.72	52.55	-15.65	68.2	40.96	32.3	9.86	30.57	100	90	P	H
	*	5700	103.36	-	-	91.85	32.2	9.86	30.55	290	338	P	V
	*	5700	94.92	-	-	83.41	32.2	9.86	30.55	290	338	A	V
		5729.88	52.29	-15.91	68.2	40.68	32.32	9.86	30.57	290	338	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		8800	49.16	-19.04	68.2	55.91	38	12.78	57.53	100	0	P	H
		11000	48.25	-25.75	74	54.27	40.6	13.86	60.48	100	0	P	H
		16500	47.21	-20.99	68.2	49.3	39.3	17.55	58.94	100	0	P	H
		8800	46.82	-21.38	68.2	53.57	38	12.78	57.53	100	0	P	V
		11000	48.51	-25.49	74	54.53	40.6	13.86	60.48	100	0	P	V
		16500	47.08	-21.12	68.2	49.17	39.3	17.55	58.94	100	0	P	V
802.11n HT20 CH 116 5580MHz		8928	47	-21.2	68.2	53.9	37.89	12.75	57.54	100	0	P	H
		11160	48.33	-25.67	74	54.68	40.08	14.14	60.57	100	0	P	H
		16740	47.98	-20.22	68.2	48.56	39.88	17.92	58.38	100	0	P	H
		8928	45.87	-22.33	68.2	52.77	37.89	12.75	57.54	100	0	P	V
		11160	48.1	-25.9	74	54.45	40.08	14.14	60.57	100	0	P	V
		16740	47.83	-20.37	68.2	48.41	39.88	17.92	58.38	100	0	P	V
802.11n HT20 CH 140 5700MHz		9120	45.31	-28.69	74	51.9	38.16	13.03	57.78	100	0	P	H
		11400	47.48	-26.52	74	53.45	40.2	14.53	60.7	100	0	P	H
		17100	48.75	-19.45	68.2	48.02	39.9	18.24	57.41	100	0	P	H
		9120	45.47	-28.53	74	52.06	38.16	13.03	57.78	100	0	P	V
		11400	47.8	-26.2	74	53.77	40.2	14.53	60.7	100	0	P	V
		17100	47.89	-20.31	68.2	47.16	39.9	18.24	57.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5456.56	54.23	-19.77	74	43.08	32.01	9.57	30.43	100	92	P	H
		5469.52	57.17	-11.03	68.2	45.96	32.04	9.6	30.43	100	92	P	H
		5459.92	43.62	-10.38	54	32.45	32.02	9.58	30.43	100	92	A	H
	*	5510	104.24	-	-	92.93	32.08	9.67	30.44	100	92	P	H
	*	5510	96.06	-	-	84.75	32.08	9.67	30.44	100	92	A	H
		5764.37	51.42	-16.78	68.2	39.74	32.4	9.87	30.59	100	92	P	H
		5459.92	53.71	-20.29	74	42.54	32.02	9.58	30.43	257	80	P	V
		5460	53.71	-14.49	68.2	42.54	32.02	9.58	30.43	257	80	P	V
		5459.92	42.81	-11.19	54	31.64	32.02	9.58	30.43	257	80	A	V
	*	5510	101.58	-	-	90.27	32.08	9.67	30.44	257	80	P	V
	*	5510	93.44	-	-	82.13	32.08	9.67	30.44	257	80	A	V
		5741.06	49.87	-18.33	68.2	38.23	32.36	9.86	30.58	257	80	P	V
802.11n HT40 CH 110 5550MHz		5434.48	52.08	-21.92	74	41.07	31.91	9.53	30.43	100	98	P	H
		5462.32	51.43	-16.77	68.2	40.26	32.02	9.58	30.43	100	98	P	H
		5458.96	41.72	-12.28	54	30.56	32.02	9.57	30.43	100	98	A	H
	*	5550	104.16	-	-	92.87	32	9.75	30.46	100	98	P	H
	*	5550	95.87	-	-	84.58	32	9.75	30.46	100	98	A	H
		5742.635	50.3	-17.9	68.2	38.65	32.37	9.86	30.58	100	98	P	H
		5431.84	51.09	-22.91	74	40.11	31.89	9.52	30.43	280	80	P	V
		5460.16	51.13	-17.07	68.2	39.96	32.02	9.58	30.43	280	80	P	V
		5459.68	41.41	-12.59	54	30.24	32.02	9.58	30.43	280	80	A	V
	*	5550	99.76	-	-	88.47	32	9.75	30.46	280	80	P	V
	*	5550	92.2	-	-	80.91	32	9.75	30.46	280	80	A	V
		5726.255	50.09	-18.11	68.2	38.49	32.31	9.86	30.57	280	80	P	V

802.11n HT40 CH 134 5670MHz		5434.7	50.07	-23.93	74	39.06	31.91	9.53	30.43	100	96	P	H
		5462.7	51.63	-16.57	68.2	40.45	32.03	9.58	30.43	100	96	P	H
		5458.15	40.62	-13.38	54	29.46	32.02	9.57	30.43	100	96	A	H
	*	5670	103.24	-	-	91.9	32.02	9.86	30.54	100	96	P	H
	*	5670	95.28	-	-	83.94	32.02	9.86	30.54	100	96	A	H
		5753.275	52.83	-15.37	68.2	41.15	32.4	9.87	30.59	100	96	P	H
		5404.25	50.18	-23.82	74	39.41	31.73	9.47	30.43	253	94	P	V
		5466.9	49.94	-18.26	68.2	38.75	32.03	9.59	30.43	253	94	P	V
		5457.45	40.45	-13.55	54	29.3	32.01	9.57	30.43	253	94	A	V
	*	5670	98.02	-	-	86.68	32.02	9.86	30.54	253	94	P	V
	*	5670	90.31	-	-	78.97	32.02	9.86	30.54	253	94	A	V
		5739.8	52.45	-15.75	68.2	40.81	32.36	9.86	30.58	253	94	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		8816	47.36	-20.84	68.2	54.08	38.03	12.78	57.53	100	0	P	H
		11020	49.08	-24.92	74	55.16	40.52	13.89	60.49	100	0	P	H
		16530	46.69	-21.51	68.2	48.6	39.36	17.6	58.87	100	0	P	H
		8816	46.27	-21.93	68.2	52.99	38.03	12.78	57.53	100	0	P	V
		11020	48.36	-25.64	74	54.44	40.52	13.89	60.49	100	0	P	V
		16530	47.12	-21.08	68.2	49.03	39.36	17.6	58.87	100	0	P	V
802.11n HT40 CH 110 5550MHz		8880	47.1	-21.1	68.2	53.85	38.04	12.74	57.53	100	0	P	H
		11100	48.03	-25.97	74	54.39	40.2	13.98	60.54	100	0	P	H
		16650	46.84	-21.36	68.2	48.06	39.55	17.82	58.59	100	0	P	H
		8880	45.96	-22.24	68.2	52.71	38.04	12.74	57.53	100	0	P	V
		11100	47.96	-26.04	74	54.32	40.2	13.98	60.54	100	0	P	V
		16650	48.25	-19.95	68.2	49.47	39.55	17.82	58.59	100	0	P	V
802.11n HT40 CH 134 5670MHz		9072	47.02	-26.98	74	53.85	37.89	12.97	57.69	100	0	P	H
		11340	48.21	-25.79	74	54.27	40.08	14.53	60.67	100	0	P	H
		17010	48.43	-19.77	68.2	48.08	39.99	18.09	57.73	100	0	P	H
		9072	45.95	-28.05	74	52.78	37.89	12.97	57.69	100	0	P	V
		11330	47.56	-26.44	74	53.62	40.06	14.54	60.66	100	0	P	V
		17010	48.34	-19.86	68.2	47.99	39.99	18.09	57.73	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5449.6	54.78	-19.22	74	43.65	32	9.56	30.43	100	100	P	H
		5470	58.45	-9.75	68.2	47.24	32.04	9.6	30.43	100	100	P	H
		5458.24	46.37	-7.63	54	35.21	32.02	9.57	30.43	100	100	A	H
	*	5530	99.42	-	-	88.12	32.04	9.71	30.45	100	100	P	H
	*	5530	90.88	-	-	79.58	32.04	9.71	30.45	100	100	A	H
		5747.675	50.38	-17.82	68.2	38.71	32.39	9.86	30.58	100	100	P	H
		5450.32	50.87	-23.13	74	39.74	32	9.56	30.43	295	79	P	V
		5464.24	52.71	-15.49	68.2	41.52	32.03	9.59	30.43	295	79	P	V
		5458	42.77	-11.23	54	31.61	32.02	9.57	30.43	295	79	A	V
	*	5530	93.53	-	-	82.23	32.04	9.71	30.45	295	79	P	V
	*	5530	85.59	-	-	74.29	32.04	9.71	30.45	295	79	A	V
		5752.085	50.35	-17.85	68.2	38.67	32.4	9.87	30.59	295	79	P	V
802.11ac VHT80 CH 122 5610MHz		5452	50.4	-23.6	74	39.27	32	9.56	30.43	100	99	P	H
		5467.6	49.73	-18.47	68.2	38.53	32.04	9.59	30.43	100	99	P	H
		5458	40.59	-13.41	54	29.43	32.02	9.57	30.43	100	99	A	H
	*	5610	99.69	-	-	88.44	31.9	9.85	30.5	100	99	P	H
	*	5610	91.57	-	-	80.32	31.9	9.85	30.5	100	99	A	H
		5725.625	50.55	-17.65	68.2	38.96	32.3	9.86	30.57	100	99	P	H
		5409.52	49.73	-24.27	74	38.92	31.76	9.48	30.43	253	96	P	V
		5467.36	48.82	-19.38	68.2	37.63	32.03	9.59	30.43	253	96	P	V
		5459.92	40.03	-13.97	54	28.86	32.02	9.58	30.43	253	96	A	V
	*	5610	94.19	-	-	82.94	31.9	9.85	30.5	253	96	P	V
	*	5610	85.89	-	-	74.64	31.9	9.85	30.5	253	96	A	V
		5761.85	50.12	-18.08	68.2	38.44	32.4	9.87	30.59	253	96	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		8848	47.77	-20.43	68.2	54.45	38.1	12.75	57.53	100	0	P	H
		11060	49.4	-24.6	74	55.61	40.36	13.94	60.51	100	0	P	H
		16590	48.72	-19.48	68.2	50.26	39.48	17.71	58.73	100	0	P	H
		8848	45.17	-23.03	68.2	51.85	38.1	12.75	57.53	100	0	P	V
		11060	48.45	-25.55	74	54.66	40.36	13.94	60.51	100	0	P	V
		16590	47.43	-20.77	68.2	48.97	39.48	17.71	58.73	100	0	P	V
802.11ac VHT80 CH 122 5610MHz		8976	47.13	-21.07	68.2	54.08	37.8	12.79	57.54	100	0	P	H
		11220	47.65	-26.35	74	53.93	40	14.32	60.6	100	0	P	H
		16830	48.78	-19.42	68.2	48.72	40.27	17.96	58.17	100	0	P	H
		8976	45.49	-22.71	68.2	52.44	37.8	12.79	57.54	100	0	P	V
		11220	47.48	-26.52	74	53.76	40	14.32	60.6	100	0	P	V
		16830	48.64	-19.56	68.2	48.58	40.27	17.96	58.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5431.51	51.13	-22.87	74	40.15	31.89	9.52	30.43	100	95	P	H
		5460	50.01	-18.19	68.2	38.84	32.02	9.58	30.43	100	95	P	H
		5456.08	40.59	-13.41	54	29.44	32.01	9.57	30.43	100	95	A	H
	*	5720	106.53	-	-	94.96	32.28	9.86	30.57	100	95	P	H
	*	5720	98.28	-	-	86.71	32.28	9.86	30.57	100	95	A	H
		5903	52.1	-16.1	68.2	40.27	32.51	10	30.68	100	95	P	H
		5392.12	50.02	-23.98	74	39.35	31.65	9.45	30.43	240	93	P	V
		5469.73	49.72	-18.48	68.2	38.51	32.04	9.6	30.43	240	93	P	V
		5459.2	40.43	-13.57	54	29.26	32.02	9.58	30.43	240	93	A	V
	*	5720	99.71	-	-	88.14	32.28	9.86	30.57	240	93	P	V
	*	5720	91.83	-	-	80.26	32.28	9.86	30.57	240	93	A	V
		5942	51.84	-16.36	68.2	39.82	32.67	10.05	30.7	240	93	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		9152	45.57	-28.43	74	51.96	38.41	13.05	57.85	100	0	P	H
		11440	47.97	-26.03	74	53.95	40.24	14.51	60.73	100	0	P	H
		17160	48.54	-19.66	68.2	47.35	40.02	18.36	57.19	100	0	P	H
		9152	46.47	-27.53	74	52.86	38.41	13.05	57.85	100	0	P	V
		11440	48.13	-25.87	74	54.11	40.24	14.51	60.73	100	0	P	V
		17160	48.7	-19.5	68.2	47.51	40.02	18.36	57.19	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		5415.91	50.81	-23.19	74	39.95	31.8	9.49	30.43	100	97	P	H
		5463.88	49.22	-18.98	68.2	38.04	32.03	9.58	30.43	100	97	P	H
		5458.81	40.6	-13.4	54	29.44	32.02	9.57	30.43	100	97	A	H
	*	5720	105.66	-	-	94.09	32.28	9.86	30.57	100	97	P	H
	*	5720	97.71	-	-	86.14	32.28	9.86	30.57	100	97	A	H
		5923	51.95	-16.25	68.2	40.03	32.59	10.02	30.69	100	97	P	H
		5457.25	50.38	-23.62	74	39.23	32.01	9.57	30.43	300	339	P	V
		5467.39	50.08	-18.12	68.2	38.89	32.03	9.59	30.43	300	339	P	V
		5456.86	40.44	-13.56	54	29.29	32.01	9.57	30.43	300	339	A	V
	*	5720	102.84	-	-	91.27	32.28	9.86	30.57	300	339	P	V
	*	5720	94.58	-	-	83.01	32.28	9.86	30.57	300	339	A	V
		5908	51.72	-16.48	68.2	39.86	32.53	10.01	30.68	300	339	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		9152	46.63	-27.37	74	53.02	38.41	13.05	57.85	100	0	P	H
		11440	48.46	-25.54	74	54.44	40.24	14.51	60.73	100	0	P	H
		17160	49.52	-18.68	68.2	48.33	40.02	18.36	57.19	100	0	P	H
		9152	45.84	-28.16	74	52.23	38.41	13.05	57.85	100	0	P	V
		11440	48.68	-25.32	74	54.66	40.24	14.51	60.73	100	0	P	V
		17160	48.24	-19.96	68.2	47.05	40.02	18.36	57.19	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		5396.41	50.52	-23.48	74	39.81	31.68	9.46	30.43	100	83	P	H
		5462.71	49.34	-18.86	68.2	38.16	32.03	9.58	30.43	100	83	P	H
		5455.69	40.53	-13.47	54	29.38	32.01	9.57	30.43	100	83	A	H
	*	5710	103.3	-	-	91.76	32.24	9.86	30.56	100	83	P	H
	*	5710	94.82	-	-	83.28	32.24	9.86	30.56	100	83	A	H
		5875.25	51.67	-16.53	68.2	39.92	32.45	9.96	30.66	100	83	P	H
		5444.38	51.63	-22.37	74	40.54	31.97	9.55	30.43	300	338	P	V
		5465.44	49.98	-18.22	68.2	38.79	32.03	9.59	30.43	300	338	P	V
		5458.81	40.49	-13.51	54	29.33	32.02	9.57	30.43	300	338	A	V
	*	5710	99.99	-	-	88.45	32.24	9.86	30.56	300	338	P	V
	*	5710	92.22	-	-	80.68	32.24	9.86	30.56	300	338	A	V
		5930.25	51.71	-16.49	68.2	39.76	32.62	10.03	30.7	300	338	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		9136	45.49	-28.51	74	51.96	38.29	13.05	57.81	100	0	P	H
		11420	48.84	-25.16	74	54.82	40.22	14.52	60.72	100	0	P	H
		17130	49.28	-18.92	68.2	48.32	39.96	18.3	57.3	100	0	P	H
		9136	45.76	-28.24	74	52.23	38.29	13.05	57.81	100	0	P	V
		11420	47.87	-26.13	74	53.85	40.22	14.52	60.72	100	0	P	V
		17130	49.06	-19.14	68.2	48.1	39.96	18.3	57.3	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 138 5690MHz		5456.47	50.13	-23.87	74	38.98	32.01	9.57	30.43	100	97	P	H
		5470	48.68	-19.52	68.2	37.47	32.04	9.6	30.43	100	97	P	H
		5457.25	40.2	-13.8	54	29.05	32.01	9.57	30.43	100	97	A	H
	*	5690	99	-	-	87.55	32.14	9.86	30.55	100	97	P	H
	*	5690	89.91	-	-	78.46	32.14	9.86	30.55	100	97	A	H
		5927.25	53.47	-14.73	68.2	41.52	32.61	10.03	30.69	100	97	P	H
		5448.67	50.51	-23.49	74	39.4	31.99	9.55	30.43	254	94	P	V
		5463.49	48.94	-19.26	68.2	37.76	32.03	9.58	30.43	254	94	P	V
		5458.42	40.16	-13.84	54	29	32.02	9.57	30.43	254	94	A	V
	*	5690	93.14	-	-	81.69	32.14	9.86	30.55	254	94	P	V
	*	5690	84.75	-	-	73.3	32.14	9.86	30.55	254	94	A	V
		5918.5	51.84	-16.36	68.2	39.94	32.57	10.02	30.69	254	94	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 138 5690MHz		9104	46.24	-27.76	74	52.93	38.03	13.03	57.75	100	0	P	H
		11380	47.94	-26.06	74	53.94	40.16	14.53	60.69	100	0	P	H
		17070	48.84	-19.36	68.2	48.24	39.93	18.19	57.52	100	0	P	H
		9104	46.51	-27.49	74	53.2	38.03	13.03	57.75	100	0	P	V
		11380	47.62	-26.38	74	53.62	40.16	14.53	60.69	100	0	P	V
		17070	47.9	-20.3	68.2	47.3	39.93	18.19	57.52	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 LF		30	24.07	-15.93	40	30.78	25.2	0.71	32.62	-	-	P	H
		54.25	21.64	-18.36	40	40.51	12.73	0.98	32.58	-	-	P	H
		88.2	21.66	-21.84	43.5	38.47	14.44	1.28	32.53	-	-	P	H
		162.89	23.09	-20.41	43.5	37.59	16.21	1.79	32.5	-	-	P	H
		399.57	26.71	-19.29	46	34.79	21.88	2.59	32.55	-	-	P	H
		824.43	33.12	-12.88	46	33.24	28.19	3.76	32.07	100	0	P	H
		32.91	27.42	-12.58	40	35.65	23.65	0.74	32.62	-	-	P	V
		75.59	26.07	-13.93	40	44.48	12.96	1.18	32.55	-	-	P	V
		161.92	17.67	-25.83	43.5	32.07	16.31	1.79	32.5	-	-	P	V
		420.91	24.14	-21.86	46	31.43	22.62	2.64	32.55	-	-	P	V
		565.44	27.92	-18.08	46	30.95	26.39	3.17	32.59	-	-	P	V
		902.03	35	-11	46	33.68	28.98	3.97	31.63	100	0	P	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		5145.6	51.84	-22.16	74	40.93	32.09	9.25	30.43	100	90	P	H
		5150	42.77	-11.23	54	31.84	32.1	9.26	30.43	100	90	A	H
	*	5180	105.59	-	-	94.75	31.98	9.29	30.43	100	90	P	H
	*	5180	96.97	-	-	86.13	31.98	9.29	30.43	100	90	A	H
		5140.4	51.97	-22.03	74	41.08	32.08	9.24	30.43	341	139	P	V
		5150	42.04	-11.96	54	31.11	32.1	9.26	30.43	341	139	A	V
	*	5180	103.72	-	-	92.87	32	9.28	30.43	341	139	P	V
	*	5180	95.95	-	-	85.1	32	9.28	30.43	341	139	A	V
802.11a CH 44 5220MHz		5139.1	51.76	-22.24	74	40.87	32.08	9.24	30.43	100	90	P	H
		5150	41.07	-12.93	54	30.14	32.1	9.26	30.43	100	90	A	H
	*	5220	104.36	-	-	93.72	31.74	9.33	30.43	100	90	P	H
	*	5220	96.46	-	-	85.82	31.74	9.33	30.43	100	90	A	H
		5441.24	49.23	-24.77	74	38.17	31.95	9.54	30.43	100	90	P	H
		5459.44	39.92	-14.08	54	28.75	32.02	9.58	30.43	100	90	A	H
		5139.36	50.53	-23.47	74	39.64	32.08	9.24	30.43	356	154	P	V
		5149.76	40.83	-13.17	54	29.91	32.1	9.25	30.43	356	154	A	V
	*	5220	104.4	-	-	93.76	31.74	9.33	30.43	356	154	P	V
	*	5220	96.43	-	-	85.79	31.74	9.33	30.43	356	154	A	V
		5438.16	50.14	-23.86	74	39.11	31.93	9.53	30.43	356	154	P	V
		5459.44	39.92	-14.08	54	28.75	32.02	9.58	30.43	356	154	A	V

802.11a CH 48 5240MHz		5119.08	50.17	-23.83	74	39.34	32.04	9.22	30.43	100	89	P	H
		5150	40.85	-13.15	54	29.92	32.1	9.26	30.43	100	89	A	H
	*	5240	103.28	-	-	92.79	31.58	9.34	30.43	100	89	P	H
	*	5240	95.43	-	-	84.94	31.58	9.34	30.43	100	89	A	H
		5409.88	51.55	-22.45	74	40.74	31.76	9.48	30.43	100	89	P	H
		5457.2	39.97	-14.03	54	28.82	32.01	9.57	30.43	100	89	A	H
		5138.84	50.92	-23.08	74	40.03	32.08	9.24	30.43	383	104	P	V
		5150	40.38	-13.62	54	29.45	32.1	9.26	30.43	383	104	A	V
	*	5240	102.24	-	-	91.75	31.58	9.34	30.43	383	104	P	V
	*	5240	94.09	-	-	83.6	31.58	9.34	30.43	383	104	A	V
		5355.28	49.86	-24.14	74	39.43	31.43	9.43	30.43	383	104	P	V
		5459.44	39.97	-14.03	54	28.8	32.02	9.58	30.43	383	104	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		8288	47.08	-26.92	74	55.27	36.82	12.4	57.41	100	0	P	H
		10360	47.39	-20.81	68.2	53.45	39.66	13.57	59.29	100	0	P	H
		15540	46.12	-27.88	74	50.56	38.5	17.01	59.95	100	0	P	H
		8288	44.49	-29.51	74	52.68	36.82	12.4	57.41	100	0	P	V
		10360	47.29	-20.91	68.2	53.35	39.66	13.57	59.29	100	0	P	V
		15540	44.72	-29.28	74	49.16	38.5	17.01	59.95	100	0	P	V
802.11a CH 44 5220MHz		8352	47.36	-26.64	74	55.65	36.7	12.45	57.44	100	0	P	H
		10440	47.12	-21.08	68.2	52.9	39.9	13.65	59.33	100	0	P	H
		15660	45.76	-28.24	74	50.7	37.78	17.16	59.88	100	0	P	H
		8352	43.99	-30.01	74	52.28	36.7	12.45	57.44	100	0	P	V
		10440	48.22	-19.98	68.2	54	39.9	13.65	59.33	100	0	P	V
		15660	45.5	-28.5	74	50.44	37.78	17.16	59.88	100	0	P	V
802.11a CH 48 5240MHz		8384	46.91	-27.09	74	55.12	36.77	12.47	57.45	100	0	P	H
		10480	47.73	-20.47	68.2	53.5	39.9	13.68	59.35	100	0	P	H
		15720	46.27	-27.73	74	51.36	37.54	17.21	59.84	100	0	P	H
		8384	44.56	-29.44	74	52.77	36.77	12.47	57.45	100	0	P	V
		10480	47.58	-20.62	68.2	53.35	39.9	13.68	59.35	100	0	P	V
		15720	46.33	-27.67	74	51.42	37.54	17.21	59.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5101.14	52.6	-21.4	74	41.83	32	9.2	30.43	100	88	P	H
		5150	42.53	-11.47	54	31.6	32.1	9.26	30.43	100	88	A	H
	*	5180	104.29	-	-	93.45	31.98	9.29	30.43	100	88	P	H
	*	5180	95.94	-	-	85.1	31.98	9.29	30.43	100	88	A	H
		5148.72	51.52	-22.48	74	40.6	32.1	9.25	30.43	400	130	P	V
		5150	41.26	-12.74	54	30.33	32.1	9.26	30.43	400	130	A	V
	*	5180	103.34	-	-	92.5	31.98	9.29	30.43	400	130	P	V
	*	5180	95.13	-	-	84.29	31.98	9.29	30.43	400	130	A	V
802.11n HT20 CH 44 5220MHz		5147.94	50.84	-23.16	74	39.92	32.1	9.25	30.43	100	88	P	H
		5149.24	40.96	-13.04	54	30.04	32.1	9.25	30.43	100	88	A	H
	*	5220	103.16	-	-	92.52	31.74	9.33	30.43	100	88	P	H
	*	5220	95.56	-	-	84.92	31.74	9.33	30.43	100	88	A	H
		5369.28	49.46	-24.54	74	38.93	31.52	9.44	30.43	100	88	P	H
		5459.72	39.94	-14.06	54	28.77	32.02	9.58	30.43	100	88	A	H
		5146.64	50.57	-23.43	74	39.66	32.09	9.25	30.43	355	154	P	V
		5149.76	40.91	-13.09	54	29.99	32.1	9.25	30.43	355	154	A	V
	*	5220	103.84	-	-	93.2	31.74	9.33	30.43	355	154	P	V
	*	5220	95.8	-	-	85.16	31.74	9.33	30.43	355	154	A	V
		5443.76	49.88	-24.12	74	38.8	31.96	9.55	30.43	355	154	P	V
		5455.8	39.94	-14.06	54	28.79	32.01	9.57	30.43	355	154	A	V

802.11n HT20 CH 48 5240MHz		5140.92	51.48	-22.52	74	40.58	32.08	9.25	30.43	100	88	P	H
		5150	40.72	-13.28	54	29.79	32.1	9.26	30.43	100	88	A	H
	*	5240	102.93	-	-	92.44	31.58	9.34	30.43	100	88	P	H
	*	5240	95.26	-	-	84.77	31.58	9.34	30.43	100	88	A	H
		5452.16	49.55	-24.45	74	38.42	32	9.56	30.43	100	88	P	H
		5457.2	39.94	-14.06	54	28.79	32.01	9.57	30.43	100	88	A	H
		5142.48	50.66	-23.34	74	39.76	32.08	9.25	30.43	375	135	P	V
		5149.76	40.4	-13.6	54	29.48	32.1	9.25	30.43	375	135	A	V
	*	5240	102.54	-	-	92.05	31.58	9.34	30.43	375	135	P	V
	*	5240	94.53	-	-	84.04	31.58	9.34	30.43	375	135	A	V
		5430.32	50.53	-23.47	74	39.56	31.88	9.52	30.43	375	135	P	V
		5458.32	40	-14	54	28.84	32.02	9.57	30.43	375	135	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		8288	48.73	-25.27	74	56.92	36.82	12.4	57.41	100	0	P	H
		10360	46.93	-21.27	68.2	52.99	39.66	13.57	59.29	100	0	P	H
		15540	46.66	-27.34	74	51.1	38.5	17.01	59.95	100	0	P	H
		8288	44.2	-29.8	74	52.39	36.82	12.4	57.41	100	0	P	V
		10360	46.44	-21.76	68.2	52.5	39.66	13.57	59.29	100	0	P	V
		15540	46.26	-27.74	74	50.7	38.5	17.01	59.95	100	0	P	V
802.11n HT20 CH 44 5220MHz		8352	47.79	-26.21	74	56.08	36.7	12.45	57.44	100	0	P	H
		10440	47.82	-20.38	68.2	53.6	39.9	13.65	59.33	100	0	P	H
		15660	46.6	-27.4	74	51.54	37.78	17.16	59.88	100	0	P	H
		8352	44.18	-29.82	74	52.47	36.7	12.45	57.44	100	0	P	V
		10440	47.11	-21.09	68.2	52.89	39.9	13.65	59.33	100	0	P	V
		15660	45.28	-28.72	74	50.22	37.78	17.16	59.88	100	0	P	V
802.11n HT20 CH 48 5240MHz		8384	47.5	-26.5	74	55.71	36.77	12.47	57.45	100	0	P	H
		10480	47.06	-21.14	68.2	52.83	39.9	13.68	59.35	100	0	P	H
		15720	45.81	-28.19	74	50.9	37.54	17.21	59.84	100	0	P	H
		8384	45.33	-28.67	74	53.54	36.77	12.47	57.45	100	0	P	V
		10480	47.28	-20.92	68.2	53.05	39.9	13.68	59.35	100	0	P	V
		15720	46.06	-27.94	74	51.15	37.54	17.21	59.84	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5142.48	55.12	-18.88	74	44.22	32.08	9.25	30.43	100	88	P	H
		5150	43.23	-10.77	54	32.3	32.1	9.26	30.43	100	88	A	H
	*	5190	101.29	-	-	90.48	31.94	9.3	30.43	100	88	P	H
	*	5190	93.01	-	-	82.2	31.94	9.3	30.43	100	88	A	H
		5438.16	49.86	-24.14	74	38.83	31.93	9.53	30.43	100	88	P	H
		5459.72	39.9	-14.1	54	28.73	32.02	9.58	30.43	100	88	A	H
		5150	53.39	-20.61	74	42.46	32.1	9.26	30.43	400	134	P	V
		5149.76	41.77	-12.23	54	30.85	32.1	9.25	30.43	400	134	A	V
	*	5190	100.69	-	-	89.88	31.94	9.3	30.43	400	134	P	V
	*	5190	92.59	-	-	81.78	31.94	9.3	30.43	400	134	A	V
		5411.84	50.35	-23.65	74	39.53	31.77	9.48	30.43	400	134	P	V
		5458.04	39.97	-14.03	54	28.81	32.02	9.57	30.43	400	134	A	V
802.11n HT40 CH 46 5230MHz		5143	51.61	-22.39	74	40.7	32.09	9.25	30.43	100	87	P	H
		5149.5	41.01	-12.99	54	30.09	32.1	9.25	30.43	100	87	A	H
	*	5230	101.3	-	-	90.74	31.66	9.33	30.43	100	87	P	H
	*	5230	93.19	-	-	82.63	31.66	9.33	30.43	100	87	A	H
		5438.16	49.68	-24.32	74	38.65	31.93	9.53	30.43	100	87	P	H
		5459.72	39.98	-14.02	54	28.81	32.02	9.58	30.43	100	87	A	H
		5114.14	51.15	-22.85	74	40.33	32.03	9.22	30.43	355	155	P	V
		5150	40.84	-13.16	54	29.91	32.1	9.26	30.43	355	155	A	V
	*	5230	100.18	-	-	89.62	31.66	9.33	30.43	355	155	P	V
	*	5230	92.77	-	-	82.21	31.66	9.33	30.43	355	155	A	V
		5428.08	49.94	-24.06	74	38.99	31.87	9.51	30.43	355	155	P	V
		5458.88	39.93	-14.07	54	28.77	32.02	9.57	30.43	355	155	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		8304	47.05	-26.95	74	55.28	36.79	12.4	57.42	100	0	P	H
		10380	48.14	-20.06	68.2	54.07	39.78	13.59	59.3	100	0	P	H
		15570	45.61	-28.39	74	50.15	38.35	17.05	59.94	100	0	P	H
		8304	44.37	-29.63	74	52.6	36.79	12.4	57.42	100	0	P	V
		10380	47.2	-21	68.2	53.13	39.78	13.59	59.3	100	0	P	V
		15570	44.76	-29.24	74	49.3	38.35	17.05	59.94	100	0	P	V
802.11n HT40 CH 46 5230MHz		8368	47.34	-26.66	74	55.6	36.74	12.45	57.45	100	0	P	H
		10460	47.62	-20.58	68.2	53.4	39.9	13.66	59.34	100	0	P	H
		15690	45.27	-28.73	74	50.37	37.57	17.19	59.86	100	0	P	H
		8368	44.86	-29.14	74	53.12	36.74	12.45	57.45	100	0	P	V
		10460	48.04	-20.16	68.2	53.82	39.9	13.66	59.34	100	0	P	V
		15690	45.23	-28.77	74	50.33	37.57	17.19	59.86	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5146.12	51.91	-22.09	74	41	32.09	9.25	30.43	100	89	P	H
		5149.76	43.58	-10.42	54	32.66	32.1	9.25	30.43	100	89	A	H
	*	5210	96.69	-	-	85.98	31.82	9.32	30.43	100	89	P	H
	*	5210	87.83	-	-	77.12	31.82	9.32	30.43	100	89	A	H
		5456.36	51.1	-22.9	74	39.95	32.01	9.57	30.43	100	89	P	H
		5457.76	39.9	-14.1	54	28.74	32.02	9.57	30.43	100	89	A	H
		5149.76	50.3	-23.7	74	39.38	32.1	9.25	30.43	399	138	P	V
		5150	41.74	-12.26	54	30.81	32.1	9.26	30.43	399	138	A	V
	*	5210	95.07	-	-	84.36	31.82	9.32	30.43	399	138	P	V
	*	5210	87.52	-	-	76.81	31.82	9.32	30.43	399	138	A	V
		5436.48	49.22	-24.78	74	38.2	31.92	9.53	30.43	399	138	P	V
		5457.2	39.96	-14.04	54	28.81	32.01	9.57	30.43	399	138	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		8336	47.28	-26.72	74	55.55	36.73	12.43	57.43	100	0	P	H
		10420	46.61	-21.59	68.2	52.41	39.9	13.62	59.32	100	0	P	H
		15630	45.87	-28.13	74	50.66	37.99	17.12	59.9	100	0	P	H
		8336	45.18	-28.82	74	53.45	36.73	12.43	57.43	100	0	P	V
		10420	47.27	-20.93	68.2	53.07	39.9	13.62	59.32	100	0	P	V
		15630	45.06	-28.94	74	49.85	37.99	17.12	59.9	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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		5090.44	50	-24	74	39.28	31.96	9.19	30.43	100	66	P	H
		5147.9	40.64	-13.36	54	29.72	32.1	9.25	30.43	100	66	A	H
	*	5260	103.68	-	-	93.27	31.48	9.36	30.43	100	66	P	H
	*	5260	95.15	-	-	84.74	31.48	9.36	30.43	100	66	A	H
		5449.92	50.48	-23.52	74	39.35	32	9.56	30.43	100	66	P	H
		5458.56	40.29	-13.71	54	29.13	32.02	9.57	30.43	100	66	A	H
		5141.44	49.84	-24.16	74	38.94	32.08	9.25	30.43	353	151	P	V
		5149.6	40.32	-13.68	54	29.4	32.1	9.25	30.43	353	151	A	V
	*	5260	103.35	-	-	92.94	31.48	9.36	30.43	353	151	P	V
	*	5260	95.28	-	-	84.87	31.48	9.36	30.43	353	151	A	V
		5422.56	49.87	-24.13	74	38.96	31.84	9.5	30.43	353	151	P	V
		5457.36	40.04	-13.96	54	28.89	32.01	9.57	30.43	353	151	A	V
802.11a CH 60 5300MHz		5029.24	50.12	-23.88	74	39.75	31.68	9.12	30.43	100	64	P	H
		5131.24	40.33	-13.67	54	29.47	32.06	9.23	30.43	100	64	A	H
	*	5300	103.3	-	-	92.94	31.4	9.39	30.43	100	64	P	H
	*	5300	95.06	-	-	84.7	31.4	9.39	30.43	100	64	A	H
		5376.72	50.73	-23.27	74	40.16	31.56	9.44	30.43	100	64	P	H
		5456.64	40.18	-13.82	54	29.03	32.01	9.57	30.43	100	64	A	H
		5083.64	50.38	-23.62	74	39.7	31.93	9.18	30.43	319	106	P	V
		5149.26	39.91	-14.09	54	28.99	32.1	9.25	30.43	319	106	A	V
	*	5300	102.35	-	-	91.99	31.4	9.39	30.43	319	106	P	V
	*	5300	94.15	-	-	83.79	31.4	9.39	30.43	319	106	A	V
		5449.2	50.6	-23.4	74	39.47	32	9.56	30.43	319	106	P	V
		5460	40.15	-13.85	54	28.98	32.02	9.58	30.43	319	106	A	V

802.11a CH 64 5320MHz	*	5320	103.08	-	-	92.71	31.4	9.4	30.43	100	63	P	H
	*	5320	95.04	-	-	84.67	31.4	9.4	30.43	100	63	A	H
		5351.04	50.34	-23.66	74	39.94	31.41	9.42	30.43	100	63	P	H
		5350.08	40.81	-13.19	54	30.42	31.4	9.42	30.43	100	63	A	H
	*	5320	102.46	-	-	92.09	31.4	9.4	30.43	338	108	P	V
	*	5320	94.44	-	-	84.07	31.4	9.4	30.43	338	108	A	V
		5350.88	51.59	-22.41	74	41.19	31.41	9.42	30.43	338	108	P	V
		5350.08	40.73	-13.27	54	30.34	31.4	9.42	30.43	338	108	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		8416	47.58	-26.42	74	55.73	36.83	12.49	57.47	100	0	P	H
		10520	48.16	-20.04	68.2	53.99	39.88	13.69	59.4	100	0	P	H
		15780	45.37	-28.63	74	50.24	37.66	17.27	59.8	100	0	P	H
		8416	43.99	-30.01	74	52.14	36.83	12.49	57.47	100	0	P	V
		10520	47.52	-20.68	68.2	53.35	39.88	13.69	59.4	100	0	P	V
		15780	44.54	-29.46	74	49.41	37.66	17.27	59.8	100	0	P	V
802.11a CH 60 5300MHz		8480	47.14	-26.86	74	55.04	37.08	12.52	57.5	100	0	P	H
		10600	47.23	-26.77	74	53.3	39.8	13.71	59.58	100	0	P	H
		15900	45.18	-28.82	74	50.22	37.3	17.38	59.72	100	0	P	H
		8480	43.76	-30.24	74	51.66	37.08	12.52	57.5	100	0	P	V
		10600	47.43	-26.57	74	53.5	39.8	13.71	59.58	100	0	P	V
		15900	44.98	-29.02	74	50.02	37.3	17.38	59.72	100	0	P	V
802.11a CH 64 5320MHz		8512	47.01	-21.19	68.2	54.73	37.25	12.54	57.51	100	0	P	H
		10640	48.12	-25.88	74	54.19	39.88	13.72	59.67	100	0	P	H
		15960	45.17	-28.83	74	50.35	37.18	17.33	59.69	100	0	P	H
		8512	44.89	-23.31	68.2	52.61	37.25	12.54	57.51	100	0	P	V
		10640	47.81	-26.19	74	53.88	39.88	13.72	59.67	100	0	P	V
		15960	44.76	-29.24	74	49.94	37.18	17.33	59.69	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5096.22	50.86	-23.14	74	40.11	31.98	9.2	30.43	100	92	P	H
		5148.92	40.26	-13.74	54	29.34	32.1	9.25	30.43	100	92	A	H
	*	5260	103.51	-	-	93.1	31.48	9.36	30.43	100	92	P	H
	*	5260	95.47	-	-	85.06	31.48	9.36	30.43	100	92	A	H
		5394.24	50.03	-23.97	74	39.33	31.67	9.46	30.43	100	92	P	H
		5460	40.1	-13.9	54	28.93	32.02	9.58	30.43	100	92	A	H
		5129.2	50.14	-23.86	74	39.28	32.06	9.23	30.43	352	152	P	V
		5149.26	40.36	-13.64	54	29.44	32.1	9.25	30.43	352	152	A	V
	*	5260	103.2	-	-	92.79	31.48	9.36	30.43	352	152	P	V
	*	5260	94.7	-	-	84.29	31.48	9.36	30.43	352	152	A	V
		5408.16	50.57	-23.43	74	39.77	31.75	9.48	30.43	352	152	P	V
		5457.6	40.02	-13.98	54	28.86	32.02	9.57	30.43	352	152	A	V
802.11n HT20 CH 60 5300MHz		5072.76	50.32	-23.68	74	39.69	31.89	9.17	30.43	100	93	P	H
		5131.92	39.84	-14.16	54	28.97	32.06	9.24	30.43	100	93	A	H
	*	5300	102.06	-	-	91.7	31.4	9.39	30.43	100	93	P	H
	*	5300	94.15	-	-	83.79	31.4	9.39	30.43	100	93	A	H
		5441.76	49.94	-24.06	74	38.88	31.95	9.54	30.43	100	93	P	H
		5458.56	39.88	-14.12	54	28.72	32.02	9.57	30.43	100	93	A	H
		5148.92	49.96	-24.04	74	39.04	32.1	9.25	30.43	341	106	P	V
		5149.94	39.89	-14.11	54	28.97	32.1	9.25	30.43	341	106	A	V
	*	5300	101.7	-	-	91.34	31.4	9.39	30.43	341	106	P	V
	*	5300	93.33	-	-	82.97	31.4	9.39	30.43	341	106	A	V
		5404.32	49.96	-24.04	74	39.19	31.73	9.47	30.43	341	106	P	V
		5459.28	39.93	-14.07	54	28.76	32.02	9.58	30.43	341	106	A	V

802.11n HT20 CH 64 5320MHz	*	5320	102.62	-	-	92.25	31.4	9.4	30.43	100	95	P	H
	*	5320	94.14	-	-	83.77	31.4	9.4	30.43	100	95	A	H
		5350.4	53.57	-20.43	74	43.18	31.4	9.42	30.43	100	95	P	H
		5350.08	40.67	-13.33	54	30.28	31.4	9.42	30.43	100	95	A	H
	*	5320	101.91	-	-	91.54	31.4	9.4	30.43	375	107	P	V
	*	5320	93.66	-	-	83.29	31.4	9.4	30.43	375	107	A	V
		5448.8	50.51	-23.49	74	39.39	31.99	9.56	30.43	375	107	P	V
		5350.08	40.42	-13.58	54	30.03	31.4	9.42	30.43	375	107	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		8416	46.82	-27.18	74	54.97	36.83	12.49	57.47	100	0	P	H
		10520	47.73	-20.47	68.2	53.56	39.88	13.69	59.4	100	0	P	H
		15780	45.19	-28.81	74	50.06	37.66	17.27	59.8	100	0	P	H
		8416	44.16	-29.84	74	52.31	36.83	12.49	57.47	100	0	P	V
		10520	47.85	-20.35	68.2	53.68	39.88	13.69	59.4	100	0	P	V
		15780	46.4	-27.6	74	51.27	37.66	17.27	59.8	100	0	P	V
802.11n HT20 CH 60 5300MHz		8480	46.93	-27.07	74	54.83	37.08	12.52	57.5	100	0	P	H
		10600	47.69	-26.31	74	53.76	39.8	13.71	59.58	100	0	P	H
		15900	45.64	-28.36	74	50.68	37.3	17.38	59.72	100	0	P	H
		8480	44.13	-29.87	74	52.03	37.08	12.52	57.5	100	0	P	V
		10600	47.8	-26.2	74	53.87	39.8	13.71	59.58	100	0	P	V
		15900	45.69	-28.31	74	50.73	37.3	17.38	59.72	100	0	P	V
802.11n HT20 CH 64 5320MHz		8512	48.43	-19.77	68.2	56.15	37.25	12.54	57.51	100	0	P	H
		10640	49.03	-24.97	74	55.1	39.88	13.72	59.67	100	0	P	H
		15960	44.81	-29.19	74	49.99	37.18	17.33	59.69	100	0	P	H
		8512	44.39	-23.81	68.2	52.11	37.25	12.54	57.51	100	0	P	V
		10640	48.49	-25.51	74	54.56	39.88	13.72	59.67	100	0	P	V
		15960	45.07	-28.93	74	50.25	37.18	17.33	59.69	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5113.56	50.1	-23.9	74	39.29	32.03	9.21	30.43	100	65	P	H
		5149.6	40.31	-13.69	54	29.39	32.1	9.25	30.43	100	65	A	H
	*	5270	101.2	-	-	90.81	31.46	9.36	30.43	100	65	P	H
	*	5270	92.56	-	-	82.17	31.46	9.36	30.43	100	65	A	H
		5443.2	50.19	-23.81	74	39.12	31.96	9.54	30.43	100	65	P	H
		5456.4	39.9	-14.1	54	28.75	32.01	9.57	30.43	100	65	A	H
		5141.78	50.05	-23.95	74	39.15	32.08	9.25	30.43	350	153	P	V
		5149.94	40.32	-13.68	54	29.4	32.1	9.25	30.43	350	153	A	V
	*	5270	100.47	-	-	90.08	31.46	9.36	30.43	350	153	P	V
	*	5270	92.2	-	-	81.81	31.46	9.36	30.43	350	153	A	V
		5396.64	49.79	-24.21	74	39.08	31.68	9.46	30.43	350	153	P	V
		5457.36	39.81	-14.19	54	28.66	32.01	9.57	30.43	350	153	A	V
802.11n HT40 CH 62 5310MHz		5096.56	49.58	-24.42	74	38.82	31.99	9.2	30.43	100	66	P	H
		5149.94	40.09	-13.91	54	29.17	32.1	9.25	30.43	100	66	A	H
	*	5310	99.2	-	-	88.84	31.4	9.39	30.43	100	66	P	H
	*	5310	91.68	-	-	81.32	31.4	9.39	30.43	100	66	A	H
		5350.08	54.05	-19.95	74	43.66	31.4	9.42	30.43	100	66	P	H
		5350.08	43.24	-10.76	54	32.85	31.4	9.42	30.43	100	66	A	H
		5102.34	50.42	-23.58	74	39.65	32	9.2	30.43	342	109	P	V
		5149.26	39.97	-14.03	54	29.05	32.1	9.25	30.43	342	109	A	V
	*	5310	98.68	-	-	88.32	31.4	9.39	30.43	342	109	P	V
	*	5310	90.72	-	-	80.36	31.4	9.39	30.43	342	109	A	V
		5350.08	56.5	-17.5	74	46.11	31.4	9.42	30.43	342	109	P	V
		5350.08	43.01	-10.99	54	32.62	31.4	9.42	30.43	342	109	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		8432	47.74	-26.26	74	55.86	36.86	12.5	57.48	100	0	P	H
		10540	47.59	-20.61	68.2	53.48	39.86	13.7	59.45	100	0	P	H
		15810	45.59	-28.41	74	50.41	37.66	17.3	59.78	100	0	P	H
		8432	45.26	-28.74	74	53.38	36.86	12.5	57.48	100	0	P	V
		10540	48.39	-19.81	68.2	54.28	39.86	13.7	59.45	100	0	P	V
		15810	45.68	-28.32	74	50.5	37.66	17.3	59.78	100	0	P	V
802.11n HT40 CH 62 5310MHz		8496	48.09	-25.91	74	55.89	37.18	12.53	57.51	100	0	P	H
		10620	47.97	-26.03	74	54.04	39.84	13.72	59.63	100	0	P	H
		15930	46.47	-27.53	74	51.57	37.24	17.36	59.7	100	0	P	H
		8496	46.43	-27.57	74	54.23	37.18	12.53	57.51	100	0	P	V
		10620	48.09	-25.91	74	54.16	39.84	13.72	59.63	100	0	P	V
		15930	46.31	-27.69	74	51.41	37.24	17.36	59.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5127.84	50.36	-23.64	74	39.5	32.06	9.23	30.43	100	91	P	H
		5148.58	40.01	-13.99	54	29.09	32.1	9.25	30.43	100	91	A	H
	*	5290	94.67	-	-	84.3	31.42	9.38	30.43	100	91	P	H
	*	5290	85.84	-	-	75.47	31.42	9.38	30.43	100	91	A	H
		5361.36	50.57	-23.43	74	40.1	31.47	9.43	30.43	100	91	P	H
		5350.08	42.35	-11.65	54	31.96	31.4	9.42	30.43	100	91	A	H
		5078.54	50.27	-23.73	74	39.61	31.91	9.18	30.43	351	154	P	V
		5149.94	40.04	-13.96	54	29.12	32.1	9.25	30.43	351	154	A	V
	*	5290	93.7	-	-	83.33	31.42	9.38	30.43	351	154	P	V
	*	5290	85.45	-	-	75.08	31.42	9.38	30.43	351	154	A	V
		5352.24	51.34	-22.66	74	40.94	31.41	9.42	30.43	351	154	P	V
		5350.08	41.67	-12.33	54	31.28	31.4	9.42	30.43	351	154	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		8464	48.14	-25.86	74	56.13	36.98	12.52	57.49	100	0	P	H
		10580	47.37	-20.83	68.2	53.38	39.82	13.71	59.54	100	0	P	H
		15870	45.53	-28.47	74	50.5	37.42	17.35	59.74	100	0	P	H
		8464	44.17	-29.83	74	52.16	36.98	12.52	57.49	100	0	P	V
		10580	47.46	-20.74	68.2	53.47	39.82	13.71	59.54	100	0	P	V
		15870	44.9	-29.1	74	49.87	37.42	17.35	59.74	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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		5457.2	52.75	-21.25	74	41.6	32.01	9.57	30.43	100	72	P	H
		5468.08	56.91	-11.29	68.2	45.71	32.04	9.59	30.43	100	72	P	H
		5459.28	41.37	-12.63	54	30.2	32.02	9.58	30.43	100	72	A	H
	*	5500	105	-	-	93.67	32.1	9.66	30.43	100	72	P	H
	*	5500	97.01	-	-	85.68	32.1	9.66	30.43	100	72	A	H
		5448.24	51.05	-22.95	74	39.94	31.99	9.55	30.43	333	112	P	V
		5467.76	51.98	-16.22	68.2	40.78	32.04	9.59	30.43	333	112	P	V
		5460	41.07	-12.93	54	29.9	32.02	9.58	30.43	333	112	A	V
	*	5500	104.24	-	-	92.91	32.1	9.66	30.43	333	112	P	V
	*	5500	95.85	-	-	84.52	32.1	9.66	30.43	333	112	A	V
802.11a CH 116 5580MHz		5404.96	50.43	-23.57	74	39.66	31.73	9.47	30.43	100	67	P	H
		5465.2	53.07	-15.13	68.2	41.88	32.03	9.59	30.43	100	67	P	H
		5459.92	40.57	-13.43	54	29.4	32.02	9.58	30.43	100	67	A	H
	*	5580	104.9	-	-	93.63	31.94	9.81	30.48	100	67	P	H
	*	5580	97.22	-	-	85.95	31.94	9.81	30.48	100	67	A	H
		5760.59	50.23	-17.97	68.2	38.55	32.4	9.87	30.59	100	67	P	H
		5433.76	50.34	-23.66	74	39.34	31.9	9.53	30.43	358	109	P	V
		5467.6	50.09	-18.11	68.2	38.89	32.04	9.59	30.43	358	109	P	V
		5459.68	40.55	-13.45	54	29.38	32.02	9.58	30.43	358	109	A	V
	*	5580	104.9	-	-	93.63	31.94	9.81	30.48	358	109	P	V
	*	5580	96.72	-	-	85.45	31.94	9.81	30.48	358	109	A	V
		5761.85	49.86	-18.34	68.2	38.18	32.4	9.87	30.59	358	109	P	V

802.11a CH 140 5700MHz	*	5700	104.24	-	-	92.73	32.2	9.86	30.55	100	71	P	H
	*	5700	96.21	-	-	84.7	32.2	9.86	30.55	100	71	A	H
		5725.08	55.62	-12.58	68.2	44.03	32.3	9.86	30.57	100	71	P	H
	*	5700	102.79	-	-	91.28	32.2	9.86	30.55	350	187	P	V
	*	5700	94.76	-	-	83.25	32.2	9.86	30.55	350	187	A	V
		5725.08	52	-16.2	68.2	40.41	32.3	9.86	30.57	350	187	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	49.26	-24.74	74	55.28	40.6	13.86	60.48	100	0	P	H
		16500	47.54	-20.66	68.2	49.63	39.3	17.55	58.94	100	0	P	H
		11000	49.05	-24.95	74	55.07	40.6	13.86	60.48	100	0	P	V
		16500	46.67	-21.53	68.2	48.76	39.3	17.55	58.94	100	0	P	V
802.11a CH 116 5580MHz		11160	49.08	-24.92	74	55.43	40.08	14.14	60.57	100	0	P	H
		16740	47.95	-20.25	68.2	48.53	39.88	17.92	58.38	100	0	P	H
		11160	48.75	-25.25	74	55.1	40.08	14.14	60.57	100	0	P	V
		16740	47.32	-20.88	68.2	47.9	39.88	17.92	58.38	100	0	P	V
802.11a CH 140 5700MHz		11400	48.02	-25.98	74	53.99	40.2	14.53	60.7	100	0	P	H
		17100	47.8	-20.4	68.2	47.07	39.9	18.24	57.41	100	0	P	H
		11400	48.05	-25.95	74	54.02	40.2	14.53	60.7	100	0	P	V
		17100	47.93	-20.27	68.2	47.2	39.9	18.24	57.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5458.48	51.26	-22.74	74	40.1	32.02	9.57	30.43	100	59	P	H
		5469.84	57.75	-10.45	68.2	46.54	32.04	9.6	30.43	100	59	P	H
		5459.28	41.77	-12.23	54	30.6	32.02	9.58	30.43	100	59	A	H
	*	5500	104.36	-	-	93.03	32.1	9.66	30.43	100	59	P	H
	*	5500	97.26	-	-	85.93	32.1	9.66	30.43	100	59	A	H
		5456.24	51.71	-22.29	74	40.56	32.01	9.57	30.43	350	127	P	V
		5462.48	51.54	-16.66	68.2	40.37	32.02	9.58	30.43	350	127	P	V
		5458.8	41.3	-12.7	54	30.14	32.02	9.57	30.43	350	127	A	V
	*	5500	103.81	-	-	92.48	32.1	9.66	30.43	350	127	P	V
	*	5500	95.9	-	-	84.57	32.1	9.66	30.43	350	127	A	V
802.11n HT20 CH 116 5580MHz		5456.08	50.24	-23.76	74	39.09	32.01	9.57	30.43	100	67	P	H
		5466.64	49.87	-18.33	68.2	38.68	32.03	9.59	30.43	100	67	P	H
		5457.76	40.55	-13.45	54	29.39	32.02	9.57	30.43	100	67	A	H
	*	5580	105.52	-	-	94.25	31.94	9.81	30.48	100	67	P	H
	*	5580	97.21	-	-	85.94	31.94	9.81	30.48	100	67	A	H
		5733.185	50.95	-17.25	68.2	39.33	32.33	9.86	30.57	100	67	P	H
		5379.04	51.49	-22.51	74	40.91	31.57	9.44	30.43	371	109	P	V
		5463.04	50.28	-17.92	68.2	39.1	32.03	9.58	30.43	371	109	P	V
		5459.92	40.62	-13.38	54	29.45	32.02	9.58	30.43	371	109	A	V
	*	5580	105.1	-	-	93.83	31.94	9.81	30.48	371	109	P	V
	*	5580	96.48	-	-	85.21	31.94	9.81	30.48	371	109	A	V
		5756.81	50.36	-17.84	68.2	38.68	32.4	9.87	30.59	371	109	P	V

802.11n HT20 CH 140 5700MHz	*	5700	103.24	-	-	91.73	32.2	9.86	30.55	100	90	P	H
	*	5700	95.26	-	-	83.75	32.2	9.86	30.55	100	90	A	H
		5725.48	58.33	-9.87	68.2	46.74	32.3	9.86	30.57	100	90	P	H
	*	5700	102.88	-	-	91.37	32.2	9.86	30.55	355	125	P	V
	*	5700	94.72	-	-	83.21	32.2	9.86	30.55	355	125	A	V
		5727	54.74	-13.46	68.2	43.14	32.31	9.86	30.57	355	125	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n		11000	48.61	-25.39	74	54.63	40.6	13.86	60.48	100	0	P	H
HT20		16500	45.67	-22.53	68.2	47.76	39.3	17.55	58.94	100	0	P	H
CH 100		11000	48.12	-25.88	74	54.14	40.6	13.86	60.48	100	0	P	V
5500MHz		16500	45.66	-22.54	68.2	47.75	39.3	17.55	58.94	100	0	P	V
802.11n		11160	48.23	-25.77	74	54.58	40.08	14.14	60.57	100	0	P	H
HT20		16740	47.51	-20.69	68.2	48.09	39.88	17.92	58.38	100	0	P	H
CH 116		11160	47.88	-26.12	74	54.23	40.08	14.14	60.57	100	0	P	V
5580MHz		16740	47.49	-20.71	68.2	48.07	39.88	17.92	58.38	100	0	P	V
802.11n		11400	48.43	-25.57	74	54.4	40.2	14.53	60.7	100	0	P	H
HT20		17100	47.94	-20.26	68.2	47.21	39.9	18.24	57.41	100	0	P	H
CH 140		11400	48.31	-25.69	74	54.28	40.2	14.53	60.7	100	0	P	V
5700MHz		17100	48.23	-19.97	68.2	47.5	39.9	18.24	57.41	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5459.68	57.21	-16.79	74	46.04	32.02	9.58	30.43	100	60	P	H
		5465.92	60.89	-7.31	68.2	49.7	32.03	9.59	30.43	100	60	P	H
		5459.92	43.66	-10.34	54	32.49	32.02	9.58	30.43	100	60	A	H
	*	5510	102.53	-	-	91.22	32.08	9.67	30.44	100	60	P	H
	*	5510	94.67	-	-	83.36	32.08	9.67	30.44	100	60	A	H
		5725.94	50.6	-17.6	68.2	39.01	32.3	9.86	30.57	100	60	P	H
		5459.68	53.45	-20.55	74	42.28	32.02	9.58	30.43	382	109	P	V
		5468.8	58.72	-9.48	68.2	47.52	32.04	9.59	30.43	382	109	P	V
		5459	42.93	-11.07	54	31.76	32.02	9.58	30.43	382	109	A	V
	*	5510	101.74	-	-	90.43	32.08	9.67	30.44	382	109	P	V
	*	5510	93.95	-	-	82.64	32.08	9.67	30.44	382	109	A	V
		5730.035	51.37	-16.83	68.2	39.76	32.32	9.86	30.57	382	109	P	V
802.11n HT40 CH 110 5550MHz		5386.72	50.98	-23.02	74	40.34	31.62	9.45	30.43	100	69	P	H
		5465.68	50.14	-18.06	68.2	38.95	32.03	9.59	30.43	100	69	P	H
		5459.2	41.07	-12.93	54	29.9	32.02	9.58	30.43	100	69	A	H
	*	5550	102.3	-	-	91.01	32	9.75	30.46	100	69	P	H
	*	5550	94.31	-	-	83.02	32	9.75	30.46	100	69	A	H
		5754.29	50.54	-17.66	68.2	38.86	32.4	9.87	30.59	100	69	P	H
		5392.72	51.15	-22.85	74	40.47	31.66	9.45	30.43	376	111	P	V
		5465.44	51.17	-17.03	68.2	39.98	32.03	9.59	30.43	376	111	P	V
		5459.92	40.95	-13.05	54	29.78	32.02	9.58	30.43	376	111	A	V
	*	5550	101.91	-	-	90.62	32	9.75	30.46	376	111	P	V
	*	5550	93.82	-	-	82.53	32	9.75	30.46	376	111	A	V
		5760.59	51.15	-17.05	68.2	39.47	32.4	9.87	30.59	376	111	P	V

802.11n HT40 CH 134 5670MHz		5408.8	49.74	-24.26	74	38.94	31.75	9.48	30.43	100	67	P	H
		5460.6	49.31	-18.89	68.2	38.14	32.02	9.58	30.43	100	67	P	H
		5457.45	40.36	-13.64	54	29.21	32.01	9.57	30.43	100	67	A	H
	*	5670	101.38	-	-	90.04	32.02	9.86	30.54	100	67	P	H
	*	5670	93.44	-	-	82.1	32.02	9.86	30.54	100	67	A	H
		5727.375	53.01	-15.19	68.2	41.41	32.31	9.86	30.57	100	67	P	H
		5417.2	50.42	-23.58	74	39.56	31.8	9.49	30.43	366	122	P	V
		5468.65	49.01	-19.19	68.2	37.81	32.04	9.59	30.43	366	122	P	V
		5458.5	40.27	-13.73	54	29.11	32.02	9.57	30.43	366	122	A	V
	*	5670	100.6	-	-	89.26	32.02	9.86	30.54	366	122	P	V
	*	5670	92.93	-	-	81.59	32.02	9.86	30.54	366	122	A	V
		5727.2	51.63	-16.57	68.2	40.03	32.31	9.86	30.57	366	122	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n		11020	49.97	-24.03	74	56.05	40.52	13.89	60.49	100	0	P	H
HT40		16530	46.17	-22.03	68.2	48.08	39.36	17.6	58.87	100	0	P	H
CH 102		11020	47.83	-26.17	74	53.91	40.52	13.89	60.49	100	0	P	V
5510MHz		16530	46.26	-21.94	68.2	48.17	39.36	17.6	58.87	100	0	P	V
802.11n		11100	48.13	-25.87	74	54.49	40.2	13.98	60.54	100	0	P	H
HT40		16650	47.01	-21.19	68.2	48.23	39.55	17.82	58.59	100	0	P	H
CH 110		11100	48.22	-25.78	74	54.58	40.2	13.98	60.54	100	0	P	V
5550MHz		16650	47.49	-20.71	68.2	48.71	39.55	17.82	58.59	100	0	P	V
802.11n		11340	47.43	-26.57	74	53.49	40.08	14.53	60.67	100	0	P	H
HT40		17010	48.86	-19.34	68.2	48.51	39.99	18.09	57.73	100	0	P	H
CH 134		11340	48.95	-25.05	74	55.01	40.08	14.53	60.67	100	0	P	V
5670MHz		17010	47.96	-20.24	68.2	47.61	39.99	18.09	57.73	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5456.56	54.79	-19.21	74	43.64	32.01	9.57	30.43	100	61	P	H
		5466.16	56.8	-11.4	68.2	45.61	32.03	9.59	30.43	100	61	P	H
		5458.48	44.98	-9.02	54	33.82	32.02	9.57	30.43	100	61	A	H
	*	5530	97.65	-	-	86.35	32.04	9.71	30.45	100	61	P	H
	*	5530	89.04	-	-	77.74	32.04	9.71	30.45	100	61	A	H
		5762.795	49.88	-18.32	68.2	38.2	32.4	9.87	30.59	100	61	P	H
		5459.44	54.97	-19.03	74	43.8	32.02	9.58	30.43	382	109	P	V
		5466.64	56.51	-11.69	68.2	45.32	32.03	9.59	30.43	382	109	P	V
		5458.48	44.61	-9.39	54	33.45	32.02	9.57	30.43	382	109	A	V
	*	5530	96.59	-	-	85.29	32.04	9.71	30.45	382	109	P	V
	*	5530	88.68	-	-	77.38	32.04	9.71	30.45	382	109	A	V
		5737.28	50.09	-18.11	68.2	38.46	32.35	9.86	30.58	382	109	P	V
802.11ac VHT80 CH 122 5610MHz		5429.68	50.29	-23.71	74	39.32	31.88	9.52	30.43	100	67	P	H
		5469.52	49.41	-18.79	68.2	38.2	32.04	9.6	30.43	100	67	P	H
		5459.44	40.59	-13.41	54	29.42	32.02	9.58	30.43	100	67	A	H
	*	5610	97.78	-	-	86.53	31.9	9.85	30.5	100	67	P	H
	*	5610	89.47	-	-	78.22	31.9	9.85	30.5	100	67	A	H
		5756.18	50.26	-17.94	68.2	38.58	32.4	9.87	30.59	100	67	P	H
		5394.16	50.64	-23.36	74	39.95	31.66	9.46	30.43	350	117	P	V
		5461.6	50.3	-17.9	68.2	39.13	32.02	9.58	30.43	350	117	P	V
		5458.48	40.49	-13.51	54	29.33	32.02	9.57	30.43	350	117	A	V
	*	5610	97.15	-	-	85.9	31.9	9.85	30.5	350	117	P	V
	*	5610	88.74	-	-	77.49	31.9	9.85	30.5	350	117	A	V
		5758.385	50.04	-18.16	68.2	38.36	32.4	9.87	30.59	350	117	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac		11060	48.64	-25.36	74	54.85	40.36	13.94	60.51	100	0	P	H
VHT80		16590	47.41	-20.79	68.2	48.95	39.48	17.71	58.73	100	0	P	H
CH 106		11060	48.07	-25.93	74	54.28	40.36	13.94	60.51	100	0	P	V
5530MHz		16590	47.07	-21.13	68.2	48.61	39.48	17.71	58.73	100	0	P	V
802.11ac		11220	48.8	-25.2	74	55.08	40	14.32	60.6	100	0	P	H
VHT80		16830	48.51	-19.69	68.2	48.45	40.27	17.96	58.17	100	0	P	H
CH 122		11220	47.63	-26.37	74	53.91	40	14.32	60.6	100	0	P	V
5610MHz		16830	49.2	-19	68.2	49.14	40.27	17.96	58.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5357.41	49.44	-24.56	74	39	31.44	9.43	30.43	100	72	P	H
		5470	50.12	-18.08	68.2	38.91	32.04	9.6	30.43	100	72	P	H
		5459.2	40.3	-13.7	54	29.13	32.02	9.58	30.43	100	72	A	H
	*	5720	104.76	-	-	93.19	32.28	9.86	30.57	100	72	P	H
	*	5720	96.68	-	-	85.11	32.28	9.86	30.57	100	72	A	H
		5947.25	51.51	-16.69	68.2	39.48	32.69	10.05	30.71	100	72	P	H
		5456.08	50.54	-23.46	74	39.39	32.01	9.57	30.43	373	118	P	V
		5463.49	50.13	-18.07	68.2	38.95	32.03	9.58	30.43	373	118	P	V
		5458.81	40.21	-13.79	54	29.05	32.02	9.57	30.43	373	118	A	V
	*	5720	103.1	-	-	91.53	32.28	9.86	30.57	373	118	P	V
	*	5720	95.13	-	-	83.56	32.28	9.86	30.57	373	118	A	V
		5906.75	51.82	-16.38	68.2	39.97	32.53	10	30.68	373	118	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

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 144 5720MHz		11440	48.33	-25.67	74	54.31	40.24	14.51	60.73	100	0	P	H
		17160	49.41	-18.79	68.2	48.22	40.02	18.36	57.19	100	0	P	H
		11440	47.53	-26.47	74	53.51	40.24	14.51	60.73	100	0	P	V
		17160	47.88	-20.32	68.2	46.69	40.02	18.36	57.19	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		5429.56	49.6	-24.4	74	38.63	31.88	9.52	30.43	100	70	P	H
		5463.49	50.76	-17.44	68.2	39.58	32.03	9.58	30.43	100	70	P	H
		5459.2	40.3	-13.7	54	29.13	32.02	9.58	30.43	100	70	A	H
	*	5720	104.98	-	-	93.41	32.28	9.86	30.57	100	70	P	H
	*	5720	96.62	-	-	85.05	32.28	9.86	30.57	100	70	A	H
		5927	51.37	-16.83	68.2	39.42	32.61	10.03	30.69	100	70	P	H
		5459.98	50.5	-23.5	74	39.33	32.02	9.58	30.43	384	124	P	V
		5459.98	50.5	-23.5	74	39.33	32.02	9.58	30.43	384	124	P	V
		5458.81	40.21	-13.79	54	29.05	32.02	9.57	30.43	384	124	A	V
	*	5720	103.45	-	-	91.88	32.28	9.86	30.57	384	124	P	V
	*	5720	95.06	-	-	83.49	32.28	9.86	30.57	384	124	A	V
		5899.25	53.19	-15.01	68.2	41.38	32.5	9.99	30.68	384	124	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		11440	47.69	-26.31	74	53.67	40.24	14.51	60.73	100	0	P	H
		17160	48.48	-19.72	68.2	47.29	40.02	18.36	57.19	100	0	P	H
		11440	47.84	-26.16	74	53.82	40.24	14.51	60.73	100	0	P	V
		17160	48.74	-19.46	68.2	47.55	40.02	18.36	57.19	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		5385.88	50.29	-23.71	74	39.65	31.62	9.45	30.43	100	71	P	H
		5462.71	49.3	-18.9	68.2	38.12	32.03	9.58	30.43	100	71	P	H
		5459.98	40.37	-13.63	54	29.2	32.02	9.58	30.43	100	71	A	H
	*	5710	101.4	-	-	89.86	32.24	9.86	30.56	100	71	P	H
	*	5710	93.74	-	-	82.2	32.24	9.86	30.56	100	71	A	H
		5907.25	50.96	-17.24	68.2	39.11	32.53	10	30.68	100	71	P	H
		5359.36	50.25	-23.75	74	39.79	31.46	9.43	30.43	355	125	P	V
		5467	48.97	-19.23	68.2	37.78	32.03	9.59	30.43	355	125	P	V
		5459.59	40.29	-13.71	54	29.12	32.02	9.58	30.43	355	125	A	V
	*	5710	99.93	-	-	88.39	32.24	9.86	30.56	355	125	P	V
	*	5710	92.3	-	-	80.76	32.24	9.86	30.56	355	125	A	V
		5942.25	51.95	-16.25	68.2	39.93	32.67	10.05	30.7	355	125	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		11420	48.77	-25.23	74	54.75	40.22	14.52	60.72	100	0	P	H
		17130	48.85	-19.35	68.2	47.89	39.96	18.3	57.3	100	0	P	H
		11420	48.04	-25.96	74	54.02	40.22	14.52	60.72	100	0	P	V
		17130	48.55	-19.65	68.2	47.59	39.96	18.3	57.3	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 138 5690MHz		5434.24	51.16	-22.84	74	40.15	31.91	9.53	30.43	100	72	P	H
		5463.88	50.11	-18.09	68.2	38.93	32.03	9.58	30.43	100	72	P	H
		5459.98	40.67	-13.33	54	29.5	32.02	9.58	30.43	100	72	A	H
	*	5690	96.96	-	-	85.51	32.14	9.86	30.55	100	72	P	H
	*	5690	88.53	-	-	77.08	32.14	9.86	30.55	100	72	A	H
		5933.25	52.15	-16.05	68.2	40.18	32.63	10.04	30.7	100	72	P	H
		5431.51	51.6	-22.4	74	40.62	31.89	9.52	30.43	350	116	P	V
		5467.78	49.68	-18.52	68.2	38.48	32.04	9.59	30.43	350	116	P	V
		5458.03	40.37	-13.63	54	29.21	32.02	9.57	30.43	350	116	A	V
	*	5690	94.16	-	-	82.71	32.14	9.86	30.55	350	116	P	V
	*	5690	86.07	-	-	74.62	32.14	9.86	30.55	350	116	A	V
		5883.5	51.36	-16.84	68.2	39.59	32.47	9.97	30.67	350	116	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 138 5690MHz		11380	47.62	-26.38	74	53.62	40.16	14.53	60.69	100	0	P	H
		17070	48.67	-19.53	68.2	48.07	39.93	18.19	57.52	100	0	P	H
		11380	48.3	-25.7	74	54.3	40.16	14.53	60.69	100	0	P	V
		17070	48.42	-19.78	68.2	47.82	39.93	18.19	57.52	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (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		30.97	22.31	-17.69	40	29.4	24.81	0.72	32.62	-	-	P	H
		54.25	20.95	-19.05	40	39.82	12.73	0.98	32.58	-	-	P	H
		84.32	21.31	-18.69	40	38.56	14.03	1.26	32.54	-	-	P	H
		99.84	21.99	-21.51	43.5	37.19	15.97	1.34	32.51	-	-	P	H
		399.57	27.04	-18.96	46	35.12	21.88	2.59	32.55	-	-	P	H
		902.03	36.92	-9.08	46	35.6	28.98	3.97	31.63	100	0	P	H
		31.94	25.65	-14.35	40	33.4	24.14	0.73	32.62	-	-	P	V
		56.19	15.79	-24.21	40	35.01	12.36	1	32.58	-	-	P	V
		76.56	17.04	-22.96	40	35.4	13	1.19	32.55	-	-	P	V
		256.01	19.18	-26.82	46	30.18	19.36	2.16	32.52	-	-	P	V
		562.53	27.84	-18.16	46	30.92	26.35	3.16	32.59	-	-	P	V
		900.09	36.23	-9.77	46	35.01	28.9	3.97	31.65	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<EUT with Wireless Charger Mode>

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5457.76	52.93	-21.07	74	41.77	32.02	9.57	30.43	100	210	P	H
		5469.28	54.29	-13.91	68.2	43.08	32.04	9.6	30.43	100	210	P	H
		5458.24	44.03	-9.97	54	32.87	32.02	9.57	30.43	100	210	A	H
	*	5530	95.95	-	-	84.65	32.04	9.71	30.45	100	210	P	H
	*	5530	87.17	-	-	75.87	32.04	9.71	30.45	100	210	A	H
		5757.755	50.33	-17.87	68.2	38.65	32.4	9.87	30.59	100	210	P	H
		5457.76	53.27	-20.73	74	42.11	32.02	9.57	30.43	102	290	P	V
		5468.56	55.17	-13.03	68.2	43.97	32.04	9.59	30.43	102	290	P	V
		5458.48	43.86	-10.14	54	32.7	32.02	9.57	30.43	102	290	A	V
	*	5530	95.89	-	-	84.59	32.04	9.71	30.45	102	290	P	V
	*	5530	87.54	-	-	76.24	32.04	9.71	30.45	102	290	A	V
		5727.2	49.68	-18.52	68.2	38.08	32.31	9.86	30.57	102	290	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	48.7	-25.3	74	54.91	40.36	13.94	60.51	100	0	P	H
		16590	41.06	-27.14	68.2	42.6	39.48	17.71	58.73	100	0	P	H
		11060	47.93	-26.07	74	54.14	40.36	13.94	60.51	100	0	P	V
		16590	46.6	-21.6	68.2	48.14	39.48	17.71	58.73	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n VHT80 (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 VHT80 LF		62.98	30.38	-9.62	40	50.07	11.8	1.08	32.57	100	0	P	H
		89.17	26.08	-17.42	43.5	42.7	14.62	1.29	32.53	-	-	P	H
		172.59	22.23	-21.27	43.5	37.43	15.44	1.86	32.5	-	-	P	H
		332.64	25.94	-20.06	46	36.2	19.91	2.37	32.54	-	-	P	H
		406.36	25	-21	46	32.82	22.13	2.6	32.55	-	-	P	H
		914.64	32.86	-13.14	46	30.99	29.39	4	31.52	-	-	P	H
		39.7	39.35	-0.65	40	51.09	20.04	0.82	32.6	100	109	QP	V
		76.56	30.16	-9.84	40	48.52	13	1.19	32.55	-	-	P	V
		204.6	21.21	-22.29	43.5	36.56	15.18	1.96	32.49	-	-	P	V
		567.38	27.86	-18.14	46	30.93	26.35	3.17	32.59	-	-	P	V
		720.64	31.25	-14.75	46	32.91	27.23	3.47	32.36	-	-	P	V
		839.95	31.89	-14.11	46	31.06	29	3.81	31.98	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against 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		5458.96	51.67	-22.33	74	40.51	32.02	9.57	30.43	179	61	P	H
		5470	56.24	-11.96	68.2	45.03	32.04	9.6	30.43	179	61	P	H
		5459.92	42.87	-11.13	54	31.7	32.02	9.58	30.43	179	61	A	H
	*	5510	102.18	-	-	90.87	32.08	9.67	30.44	179	61	P	H
	*	5510	94.69	-	-	83.38	32.08	9.67	30.44	179	61	A	H
		5744.84	49.76	-18.44	68.2	38.1	32.38	9.86	30.58	179	61	P	H
		5453.44	52.11	-21.89	74	40.97	32.01	9.56	30.43	352	99	P	V
		5463.76	55	-13.2	68.2	43.82	32.03	9.58	30.43	352	99	P	V
		5459.92	42.43	-11.57	54	31.26	32.02	9.58	30.43	352	99	A	V
	*	5510	102.13	-	-	90.82	32.08	9.67	30.44	352	99	P	V
	*	5510	93.75	-	-	82.44	32.08	9.67	30.44	352	99	A	V
		5763.11	49.5	-18.7	68.2	37.82	32.4	9.87	30.59	352	99	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	49.44	-24.56	74	55.52	40.52	13.89	60.49	100	0	P	H
		16530	45.71	-22.49	68.2	47.62	39.36	17.6	58.87	100	0	P	H
		11020	48.36	-25.64	74	54.44	40.52	13.89	60.49	100	0	P	V
		16530	46.43	-21.77	68.2	48.34	39.36	17.6	58.87	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (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		62.98	31.79	-8.21	40	51.48	11.8	1.08	32.57	100	0	P	H
		71.71	30.44	-9.56	40	49.2	12.64	1.15	32.55	-	-	P	H
		154.16	25.41	-18.09	43.5	39.29	16.9	1.72	32.5	-	-	P	H
		332.64	26.64	-19.36	46	36.9	19.91	2.37	32.54	-	-	P	H
		739.07	35.91	-10.09	46	36.65	28.06	3.52	32.32	-	-	P	H
		903.97	34.14	-11.86	46	32.73	29.06	3.97	31.62	-	-	P	H
		38.73	39.11	-0.89	40	50.21	20.71	0.8	32.61	100	147	QP	V
		64.92	32.64	-7.36	40	52.11	12	1.1	32.57	-	-	P	V
		237.58	21.59	-24.41	46	35	17.01	2.09	32.51	-	-	P	V
		412.18	26.57	-19.43	46	34.21	22.29	2.62	32.55	-	-	P	V
		741.98	36.37	-9.63	46	37.03	28.14	3.52	32.32	-	-	P	V
		870.99	32.14	-13.86	46	31.06	29	3.89	31.81	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	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)
802.11b 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 :	Leo Li and Bigshow Wang	**Temperature :**	24.2 ~ 25.2°C
		Relative Humidity :	54 ~ 63%

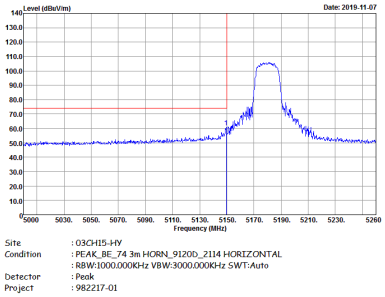
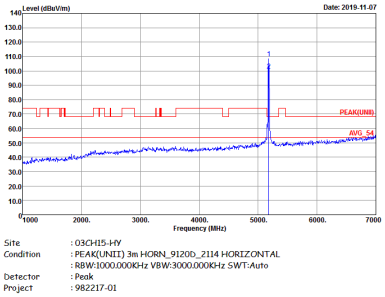
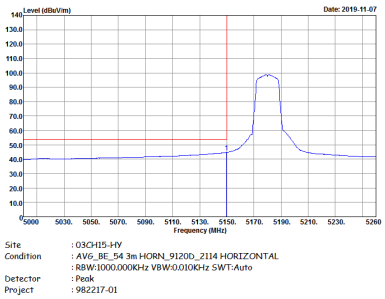
Note symbol

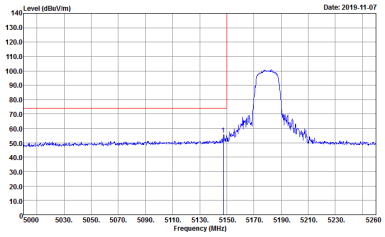
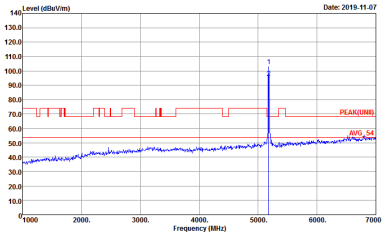
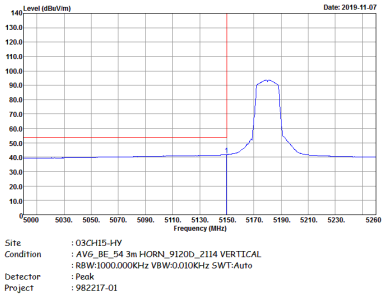
-L	**Low channel location**
-R	**High channel location**

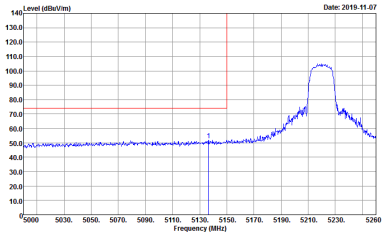
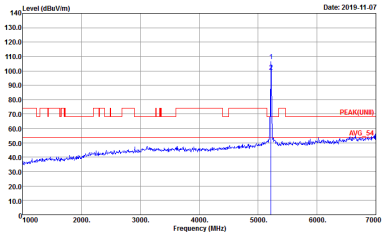
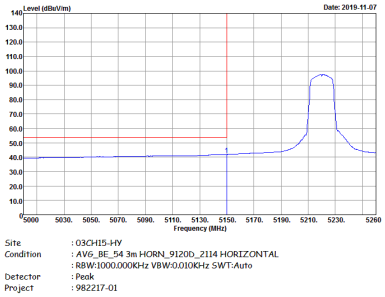
<EUT with Adapter Mode>

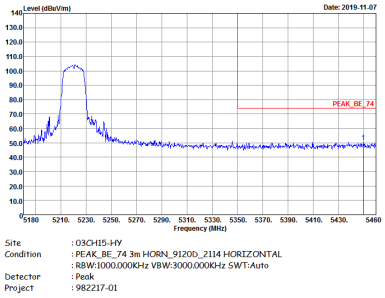
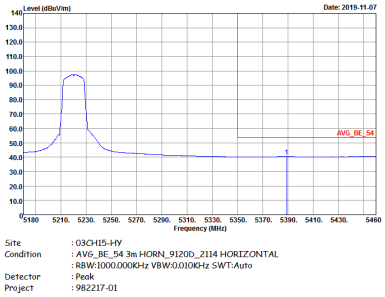
Band 1 - 5150~5250MHz

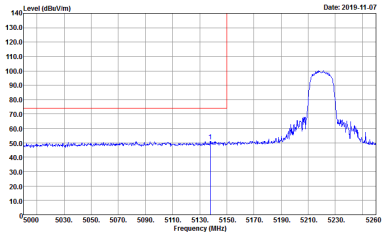
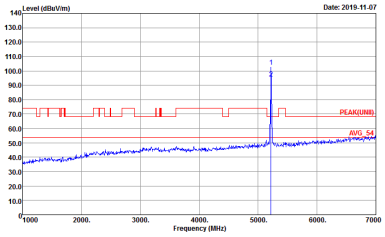
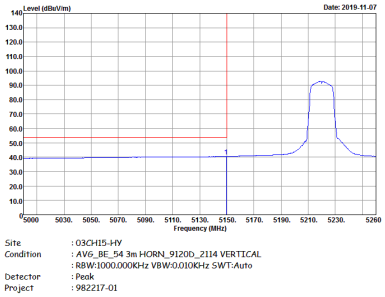
WIFI 802.11a (Band Edge @ 3m)

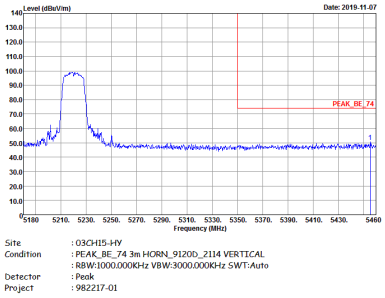
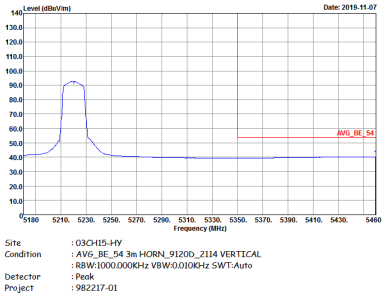
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

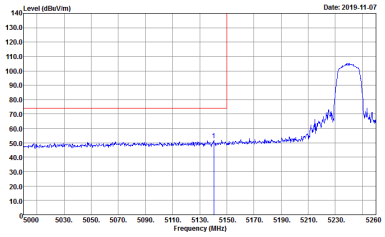
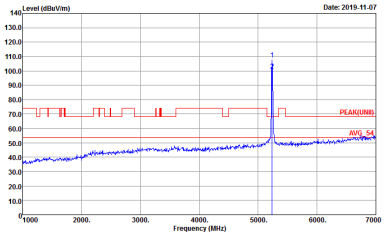
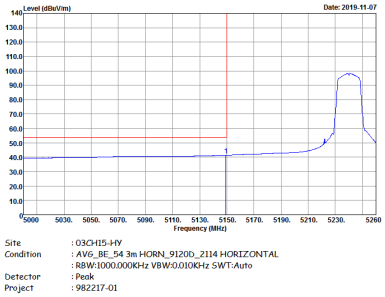
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

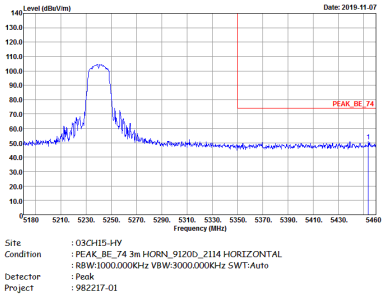
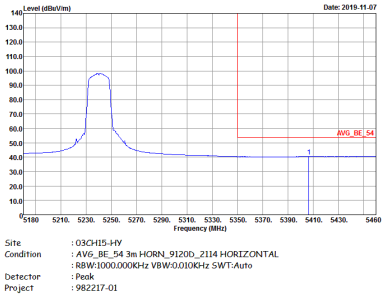
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

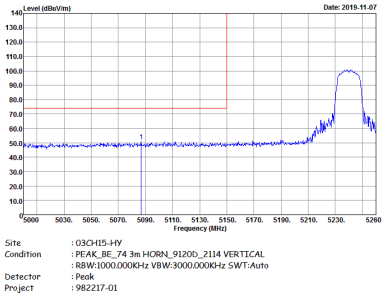
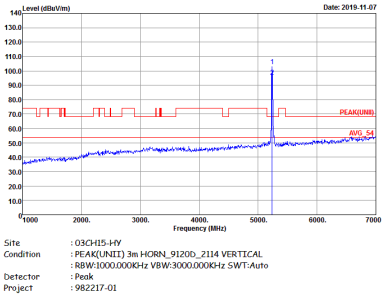
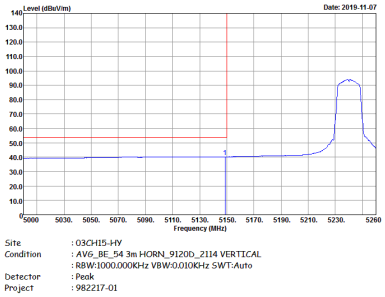
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

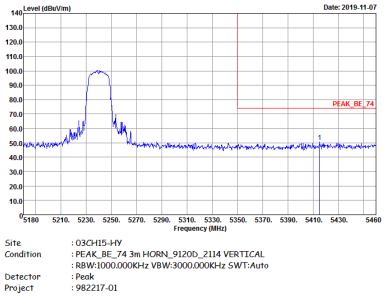
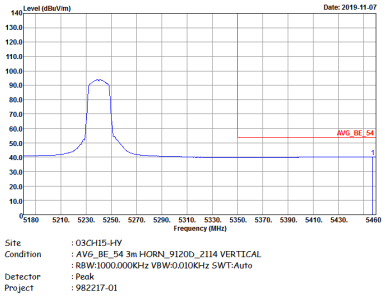
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

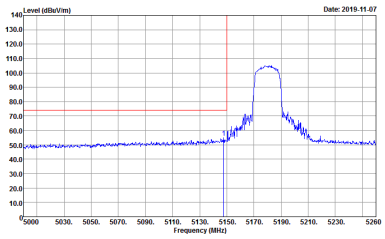
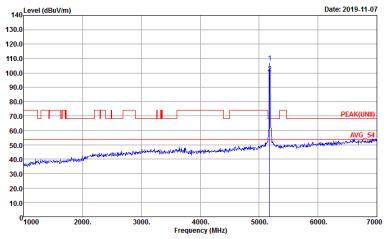
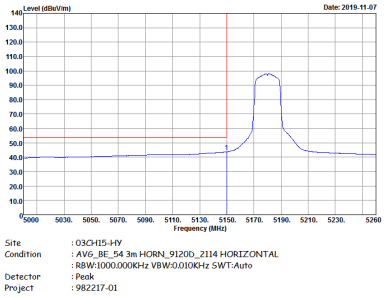
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

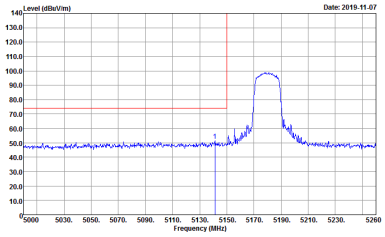
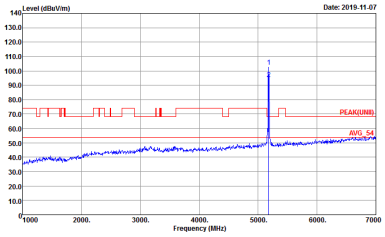
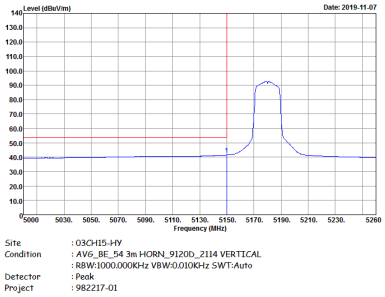
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

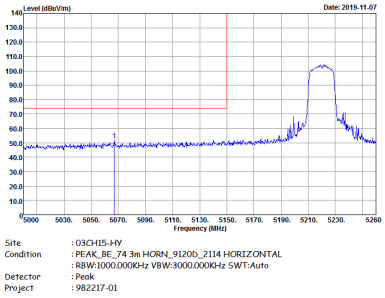
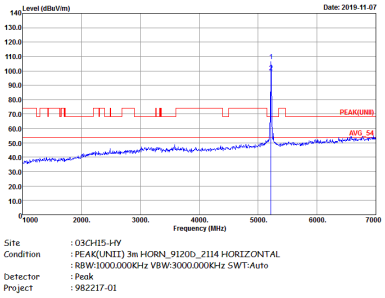
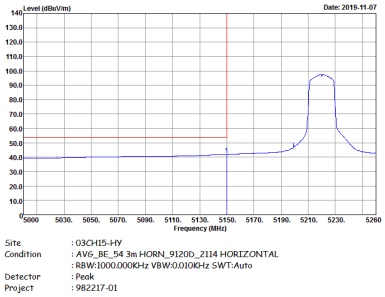
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

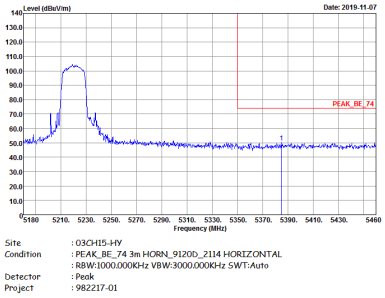
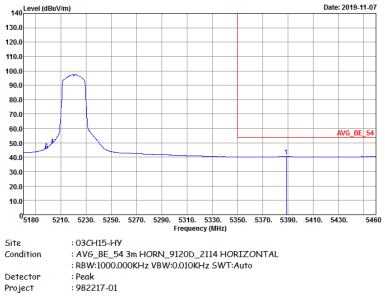
Band 1 5150~5250MHz

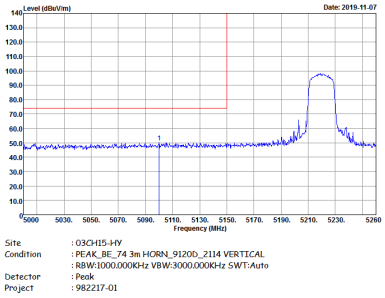
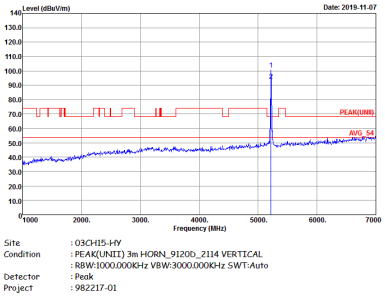
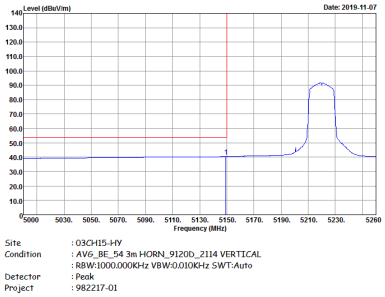
WIFI 802.11n HT20 (Band Edge @ 3m)

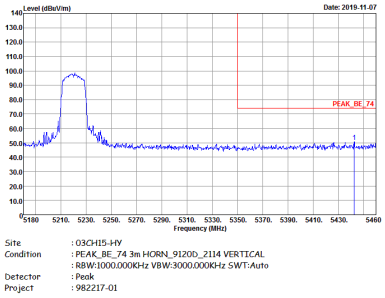
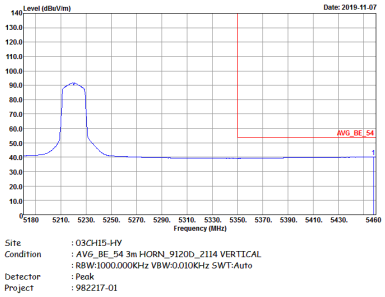
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

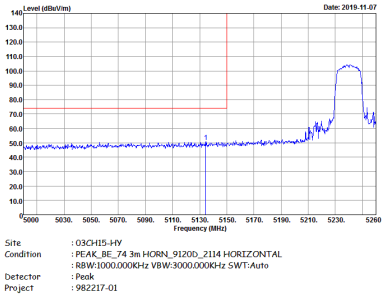
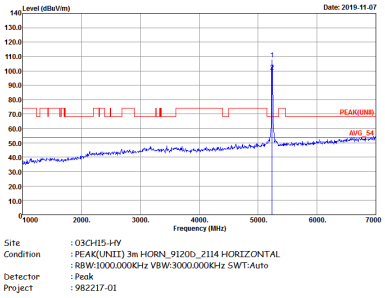
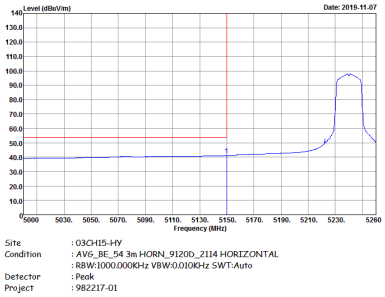
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

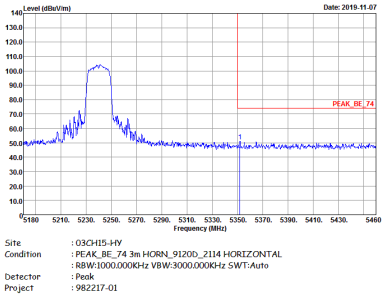
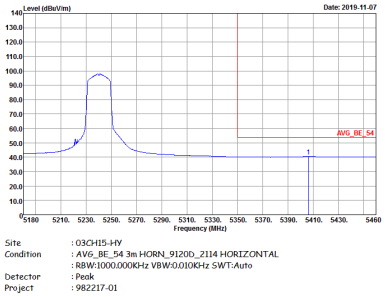
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

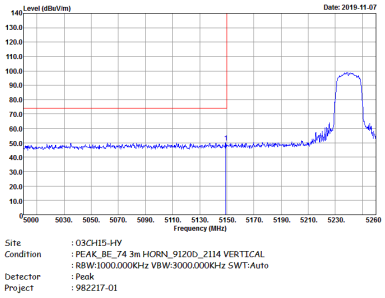
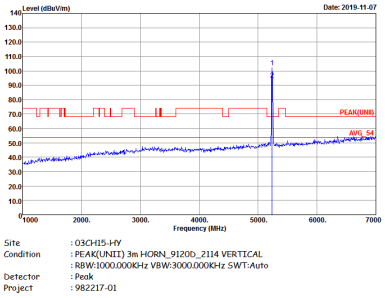
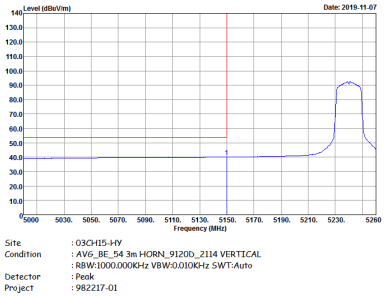
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

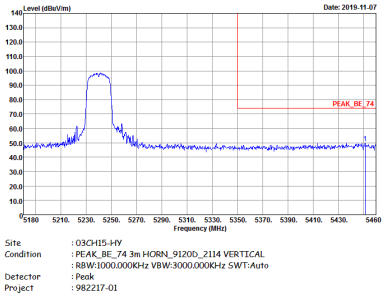
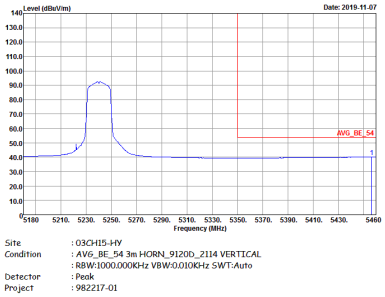
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

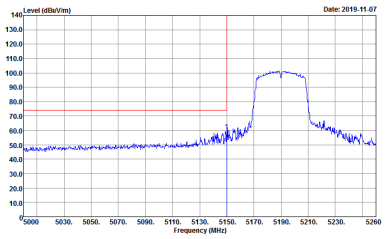
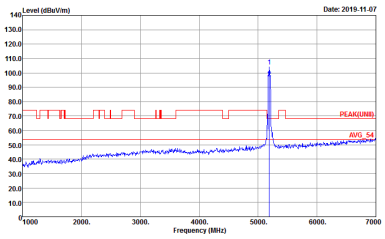
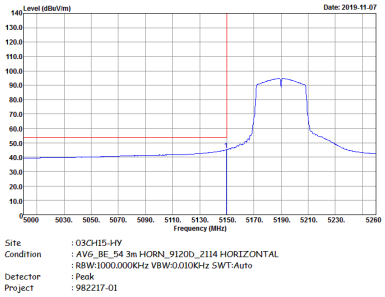
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

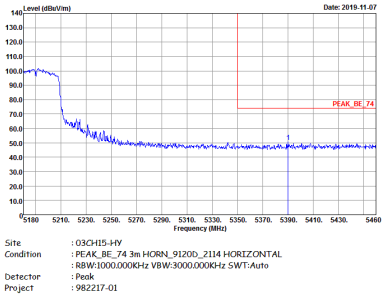
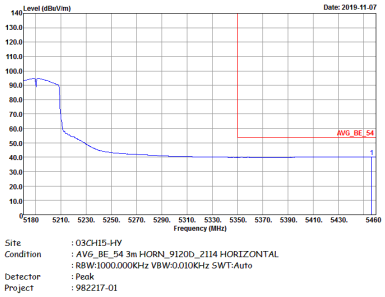
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

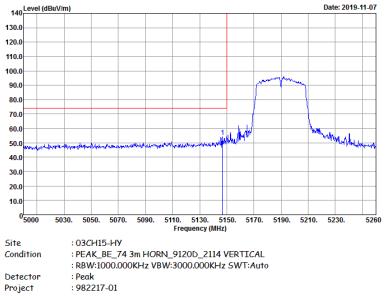
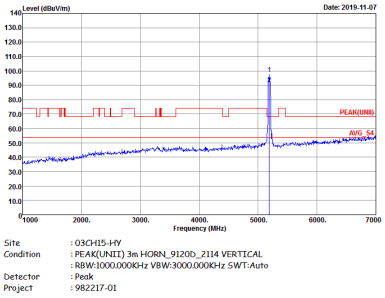
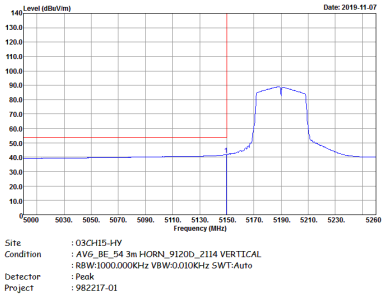
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

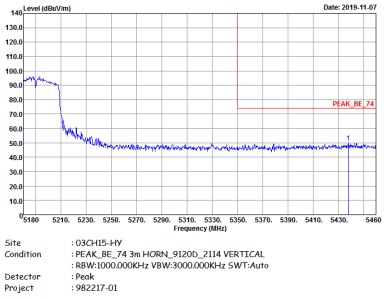
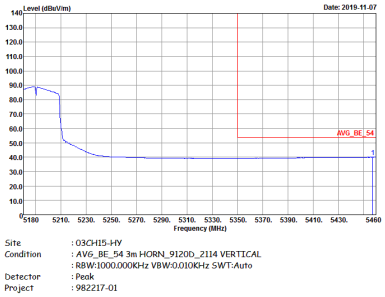
Band 1 5150~5250MHz

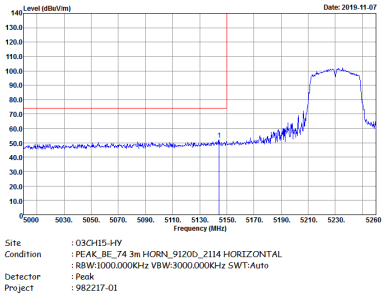
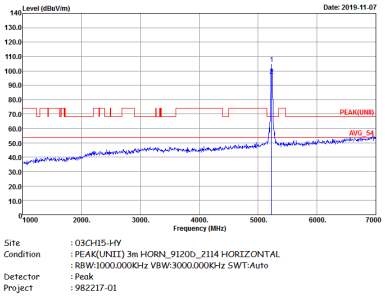
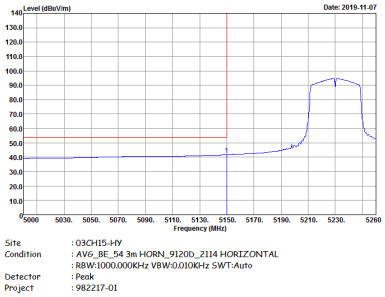
WIFI 802.11n HT40 (Band Edge @ 3m)

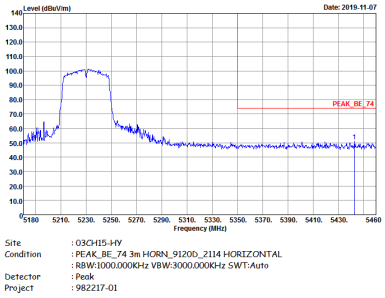
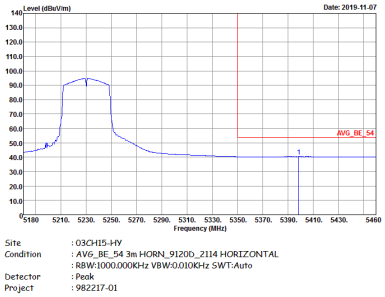
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

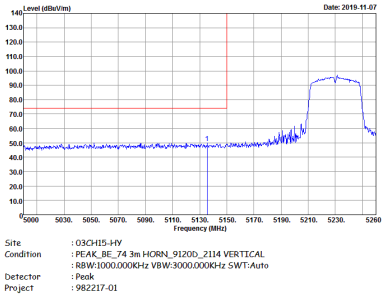
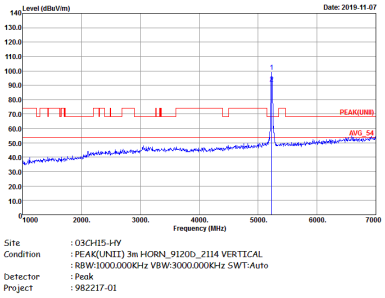
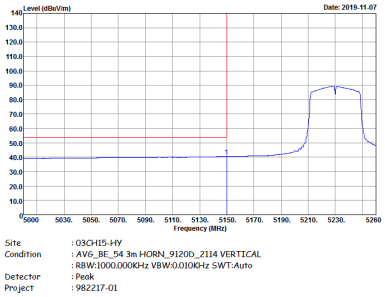
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

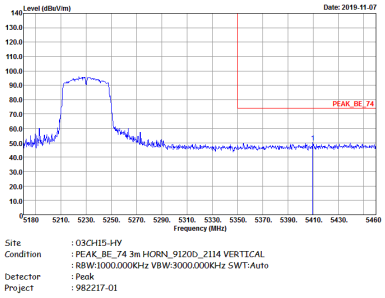
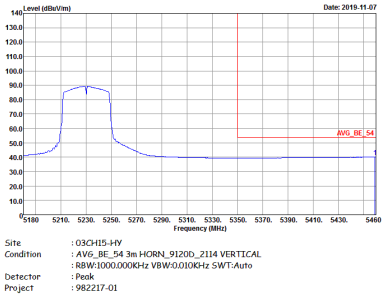
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

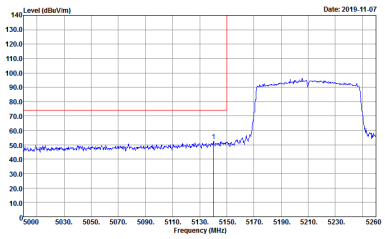
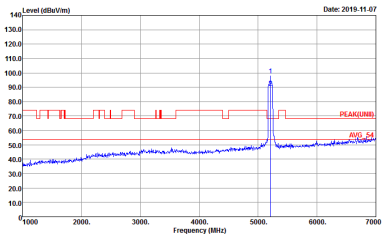
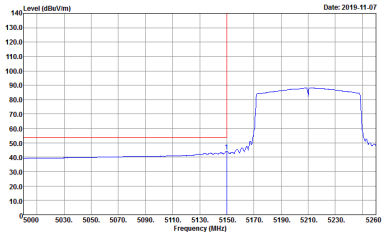
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

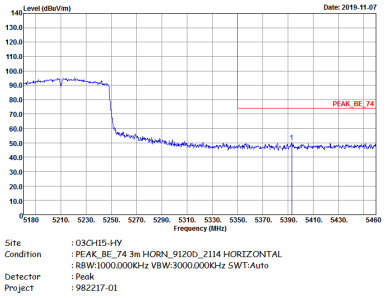
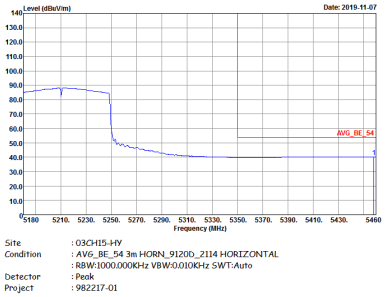
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

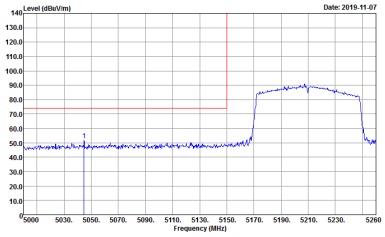
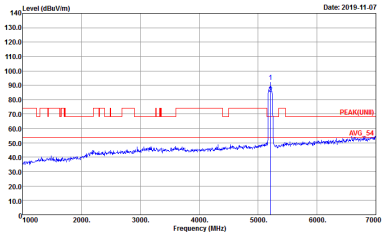
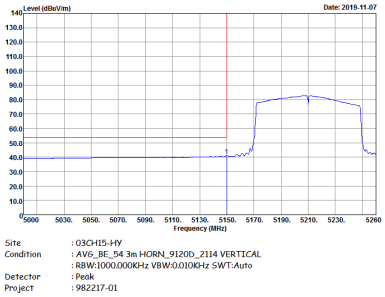
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

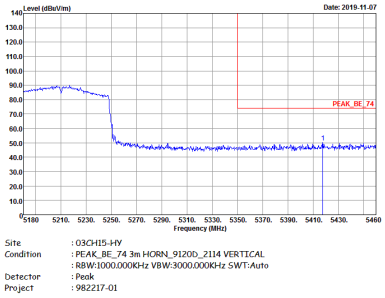
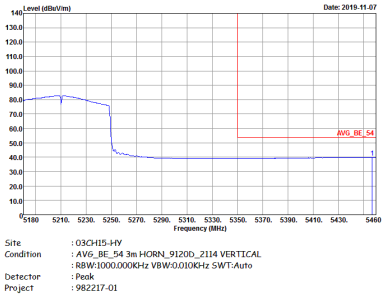
Band 1 5150~5250MHz

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 : 03CH15-HY Condition : PEAK_BE_74 3m HORN_9120D_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 982217-01	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 982217-01
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m HORN_9120D_2114 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 982217-01	Left blank

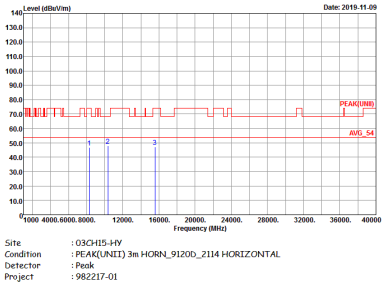
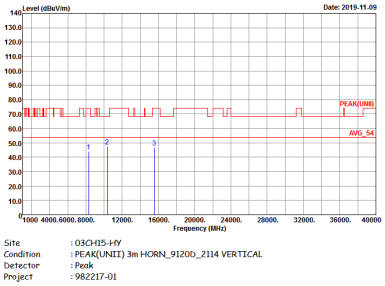
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

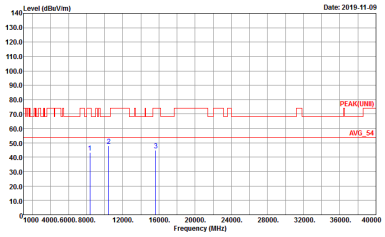
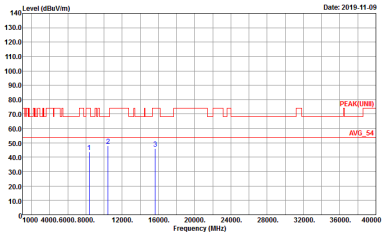
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

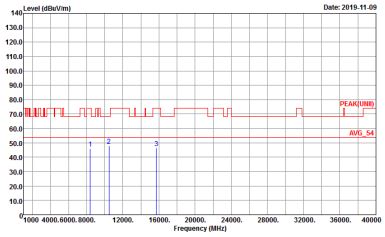
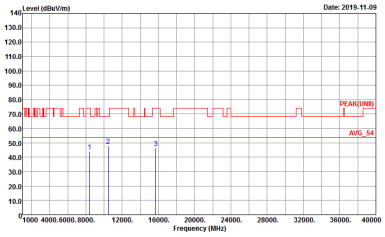
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

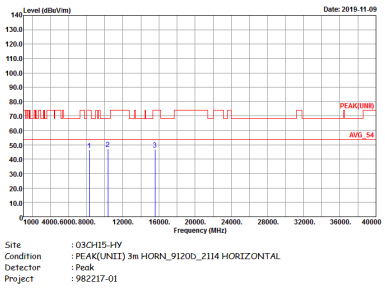
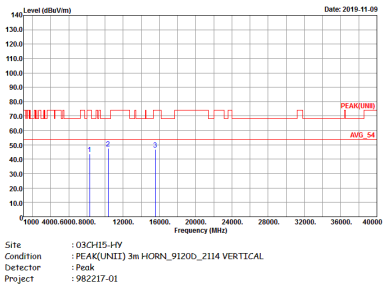
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

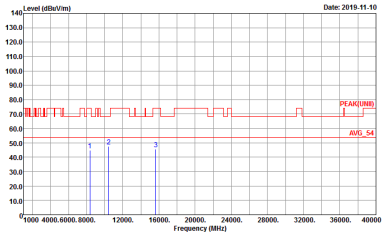
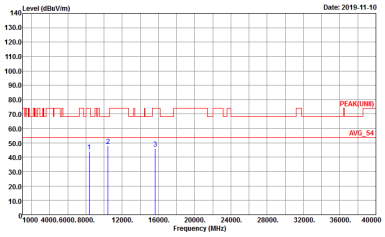
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 HORIZONTAL Detector : Peak Project : 982217-01	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 VERTICAL Detector : Peak Project : 982217-01

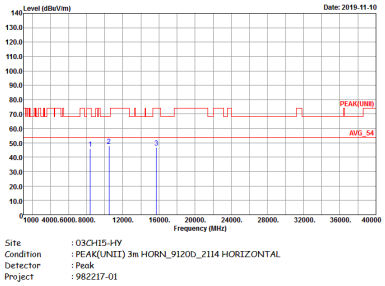
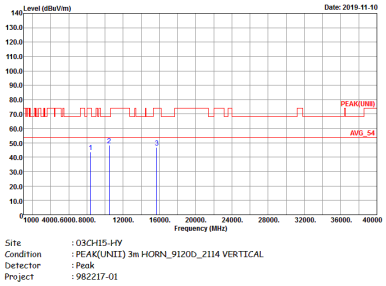
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 HORIZONTAL Detector : Peak Project : 982217-01	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 VERTICAL Detector : Peak Project : 982217-01

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

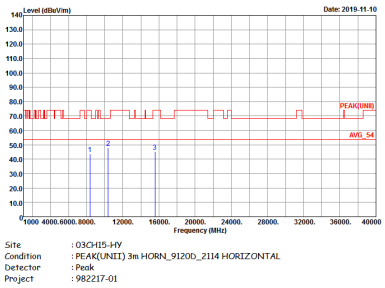
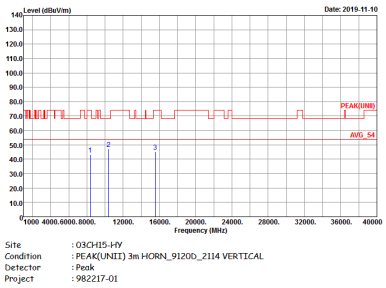
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

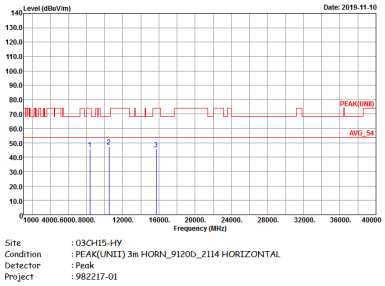
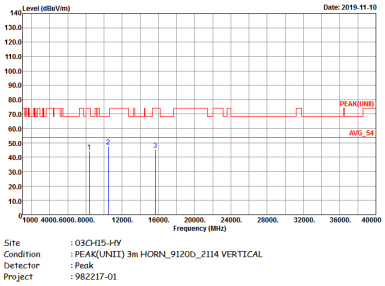
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 HORIZONTAL Detector : Peak Project : 982217-01	 Site : 03CH15-HY Condition : PEAK(UNII) 3m HORN_9120D_2114 VERTICAL Detector : Peak Project : 982217-01

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

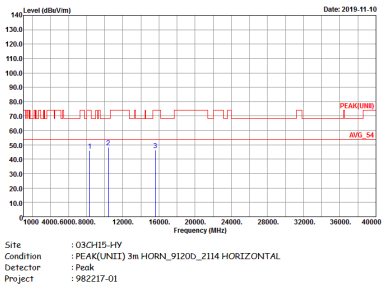
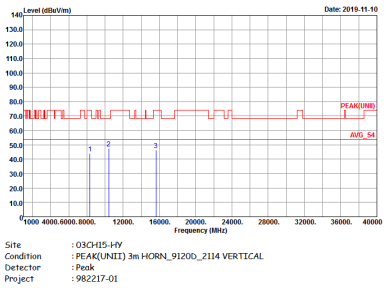
WIFI 802.11n HT40 (Harmonic @ 3m)

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.		

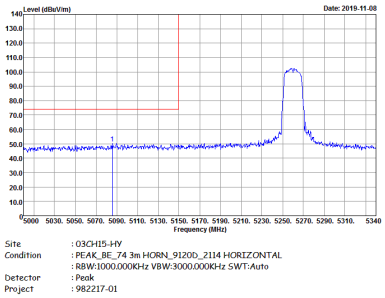
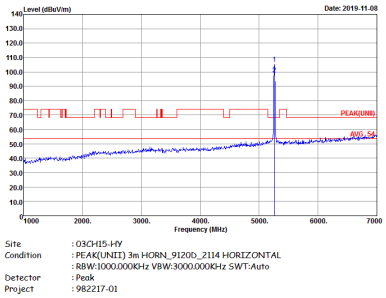
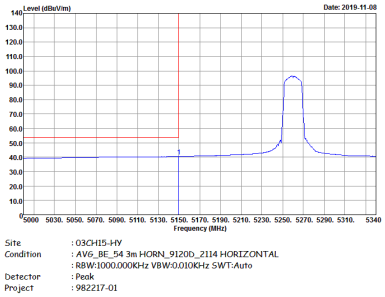
Band 1 5150~5250MHz

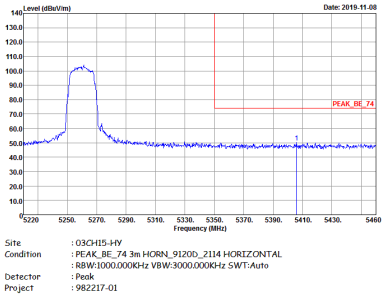
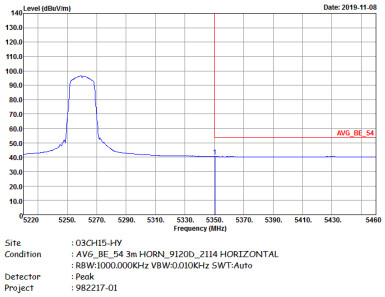
WIFI 802.11ac VHT80 (Harmonic @ 3m)

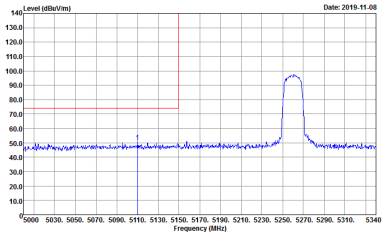
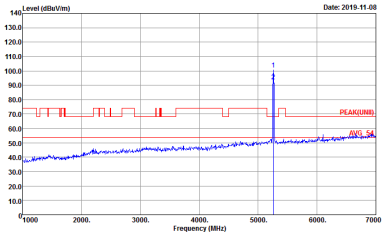
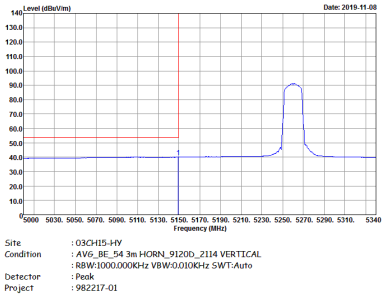
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

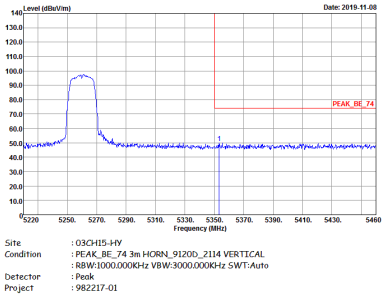
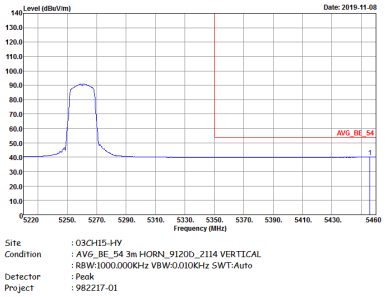
Band 2 - 5250~5350MHz

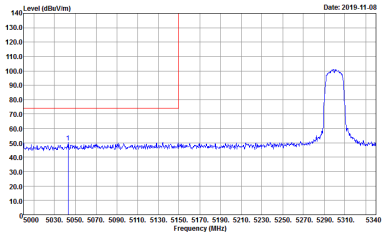
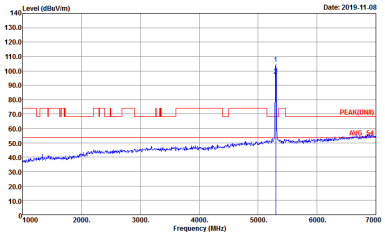
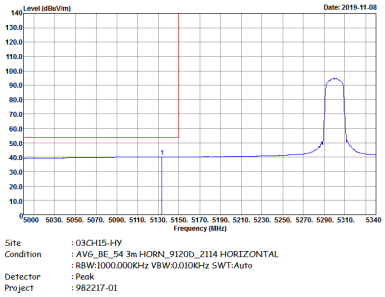
WIFI 802.11a (Band Edge @ 3m)

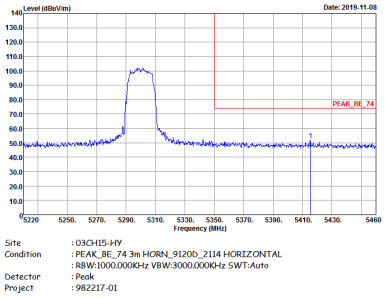
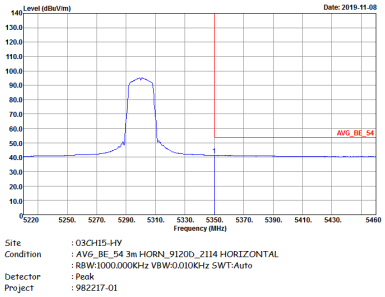
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

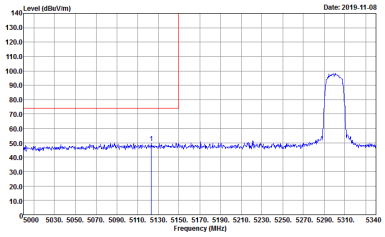
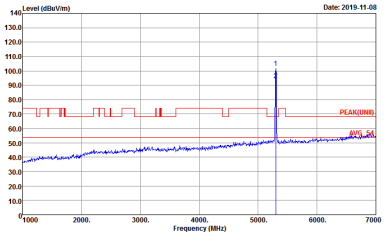
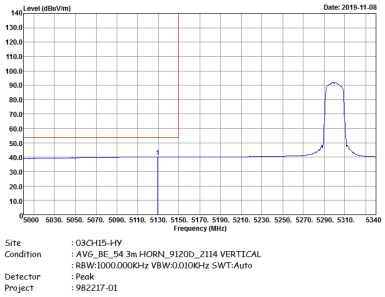
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

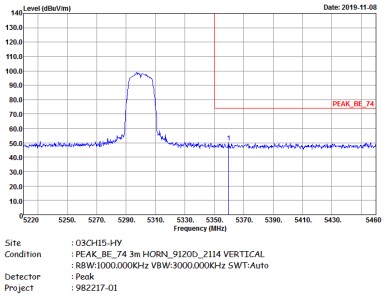
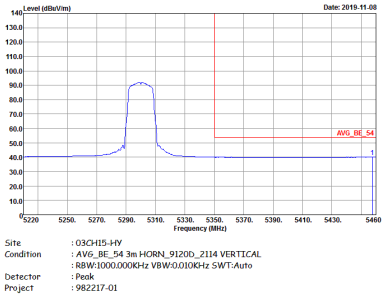
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

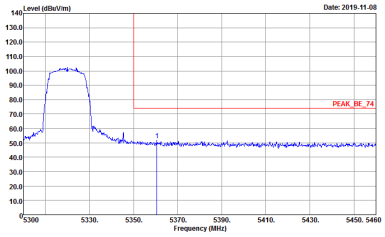
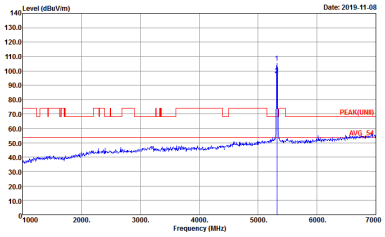
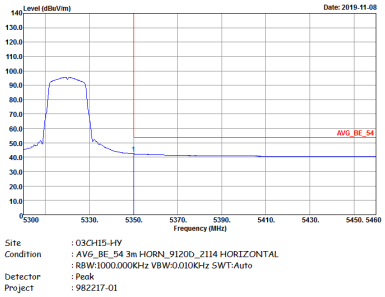
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

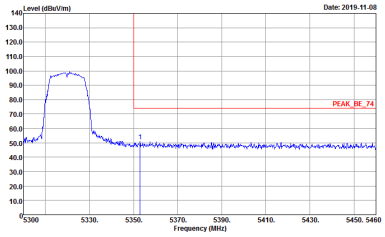
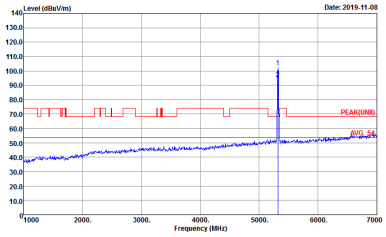
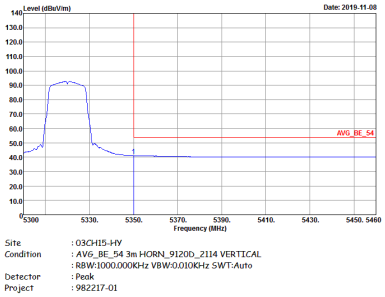
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

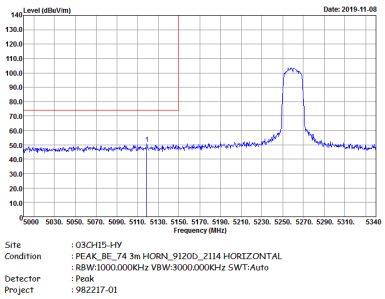
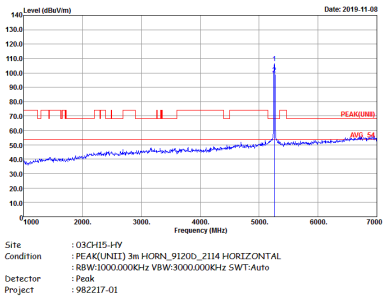
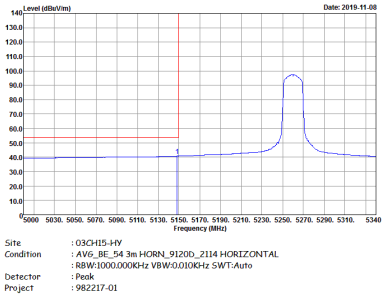
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

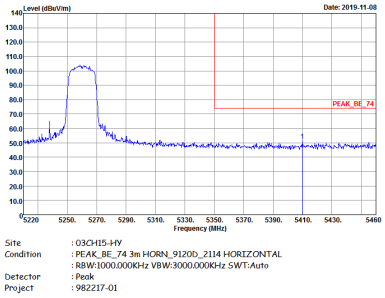
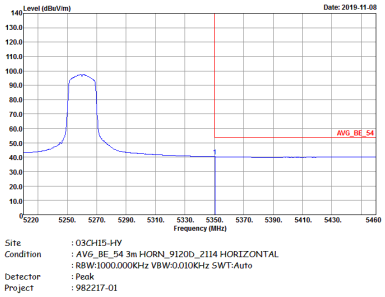
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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