FCC RF Test Report

APPLICANT	:	Plume Design Inc
EQUIPMENT	:	Plume Adaptive Wifi
BRAND NAME	:	Plume Design Inc
MODEL NAME	:	B1A
FCC ID	:	2AG7G-B1A
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

The product was received on Jan. 17, 2018 and testing was completed on Apr. 26, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager

SPORTON INTERNATIONAL INC.
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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR811726D	Rev. 01	Initial issue of report	May 03, 2018

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm for Band 2 / 3	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm for Band 2 / 3	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 1.04 dB at 5458.960 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 10.46 dB at 0.692 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

Plume Design Inc
290 S California Ave, Palo Alto, CA94306

1.2 Manufacturer

Plume Design Inc
290 S California Ave, Palo Alto, CA94306

1.3 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	**WLAN** **<For LB Ant.>** <Ant. 1>: IFA Antenna <Ant. 2>: IFA Antenna **<For HB Ant.>** <Ant. 1>: PIFA Antenna <Ant. 2>: PIFA Antenna <Ant. 3>: IFA Antenna <Ant. 4>: IFA Antenna Bluetooth: Slot Antenna

1.4 Modification of EUT

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

1.5 Testing Location

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C. TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH05-HY	CO05-HY

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

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

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

1.6 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane for Ant. 1, Ant. 3, Ant. 1 + 2, and Ant. 3 + 4; Z plane for Ant. 2 + 3 + 4 and Ant. 1 +2 + 3 + 4) 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)
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.

Single Mode

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

MIMO Mode

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

TXBF Mode

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Idle + Lan 1 Link + Lan 2 Link

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

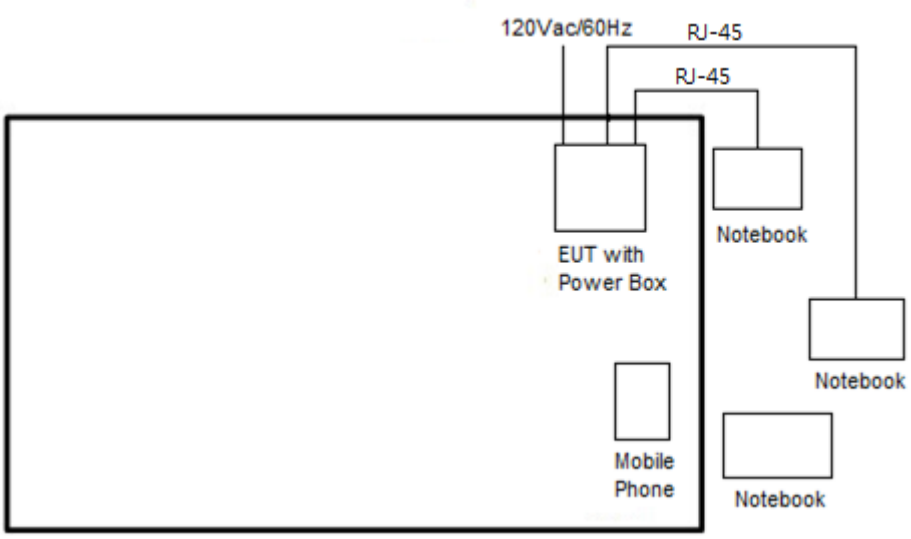
Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT20	802.11ac VHT20
L	Low	52	100
M	Middle	60	116
H	High	64	140
Straddle		-	144

Ch. #		Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT40	802.11ac VHT40
L	Low	54	102
M	Middle	-	110
H	High	62	134
Straddle		-	142

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

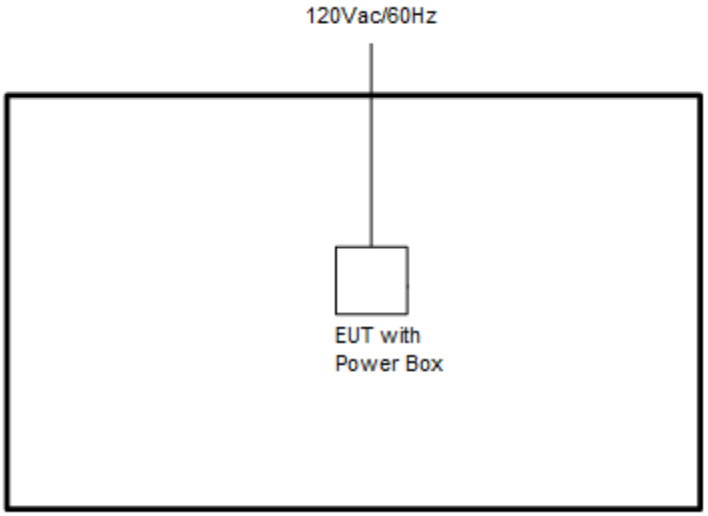
2.3 Connection Diagram of Test System

<AC Conducted Emission>

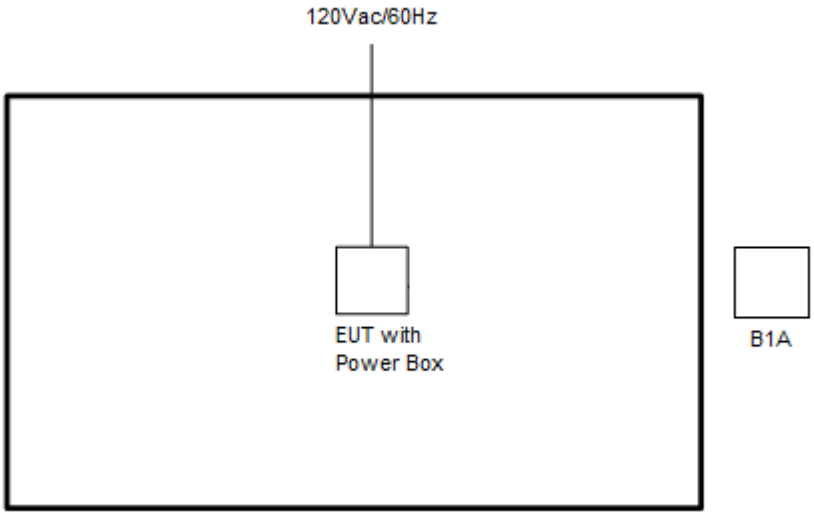


<Radiated Spurious Emission>

<CDD Mode>



<TXBF Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	DELL	Latitude E3340	FCC DoC/ Contains FCC ID: PD97260NGU	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Mobile Phone	Apple	A1687	BCG-E2944A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QSPR” 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.

For TXBF mode, the EUT was tested under normal operation and link to another EUT with power, modulation modes and data rates controlled by engineer mode command lines. The “QSPR” software tool was used to make EUT 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.

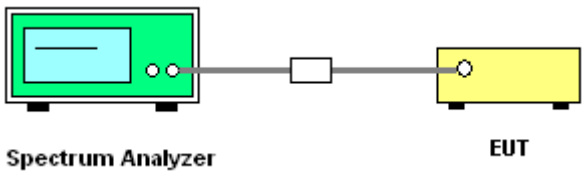
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules 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 1MHz and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup

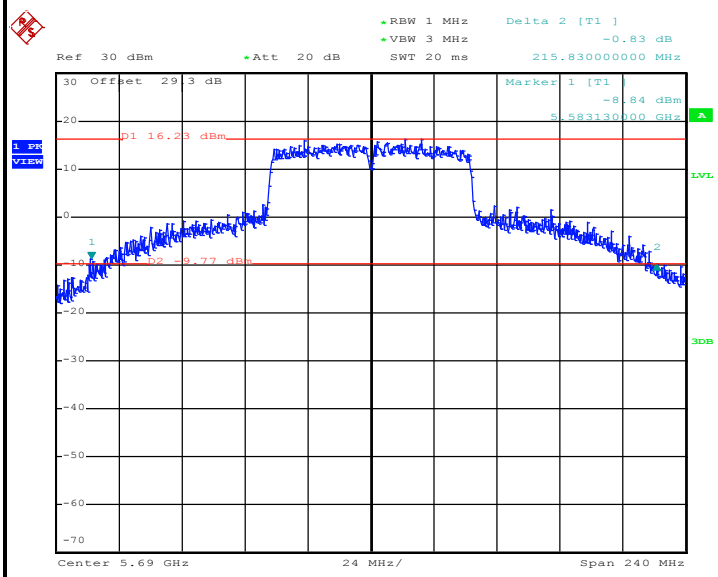


3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

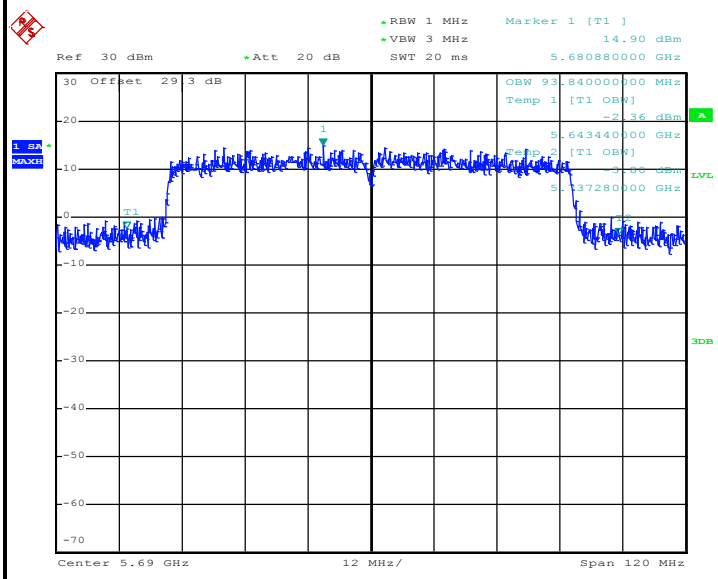
<CDD Mode>

Maximum 26dB Bandwidth



Date: 17.APR.2018 06:51:07

Maximum 99% Occupied Bandwidth

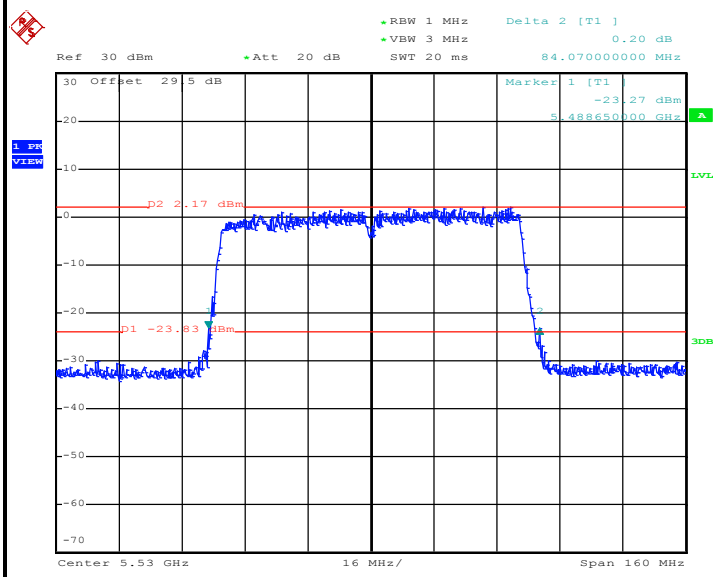


Date: 17.APR.2018 06:51:34

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

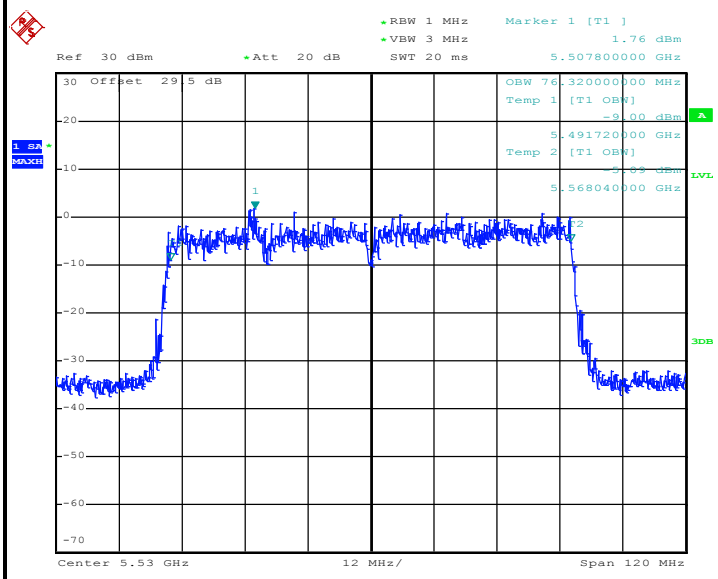
<TXBF Modes>

Maximum 26dB Bandwidth



Date: 26.APR.2018 06:59:09

Maximum 99% Occupied Bandwidth



Date: 26.APR.2018 06:59:37

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 5.25–5.725 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

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

3.2.3 Test Procedures

<CDD Modes>

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

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

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

<TXBF Modes>

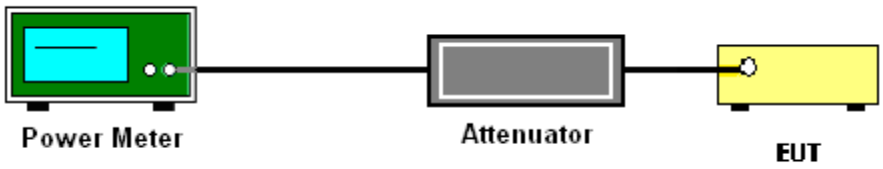
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 for TXBF modes.

Method PM-G (Measurement using a gated 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 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz 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

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

3.3.3 Test Procedures

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

<CDD Modes>

 # Method SA-2 #

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

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

<TXBF Modes>

 # Method SA-3 #

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

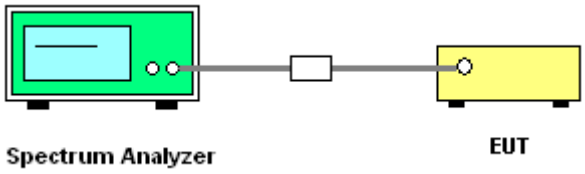
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the 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. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

The total final Power Spectral Density is from a device with 4 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2, output 3 and output 4 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup

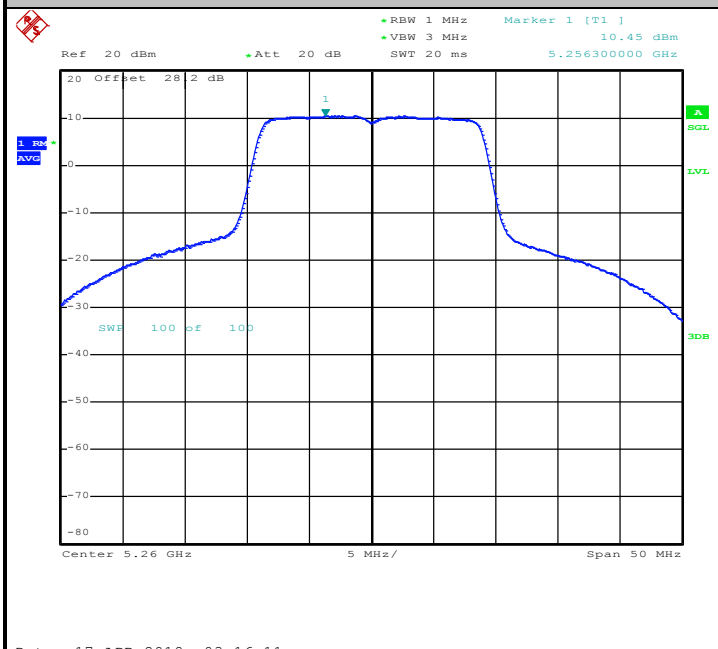


3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

<CDD Modes>

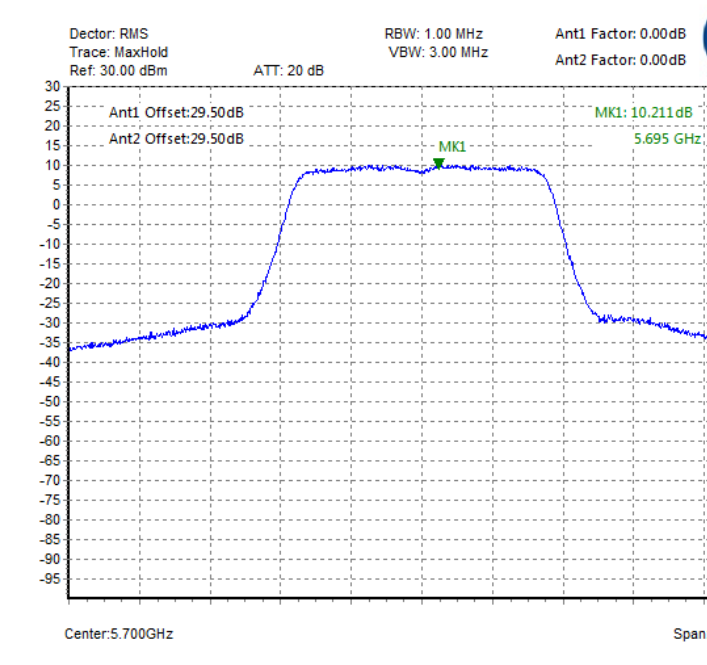
Worst Case Power Density (dBm/MHz) for Ant. 1



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

<TXBF Modes>

Worst Case Power Density (dBm/MHz) for MIMO Ant. 3+4



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

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

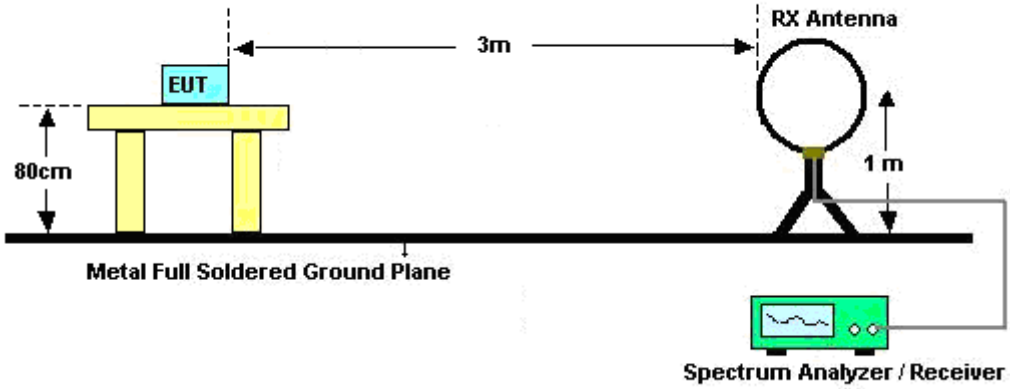
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - 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.

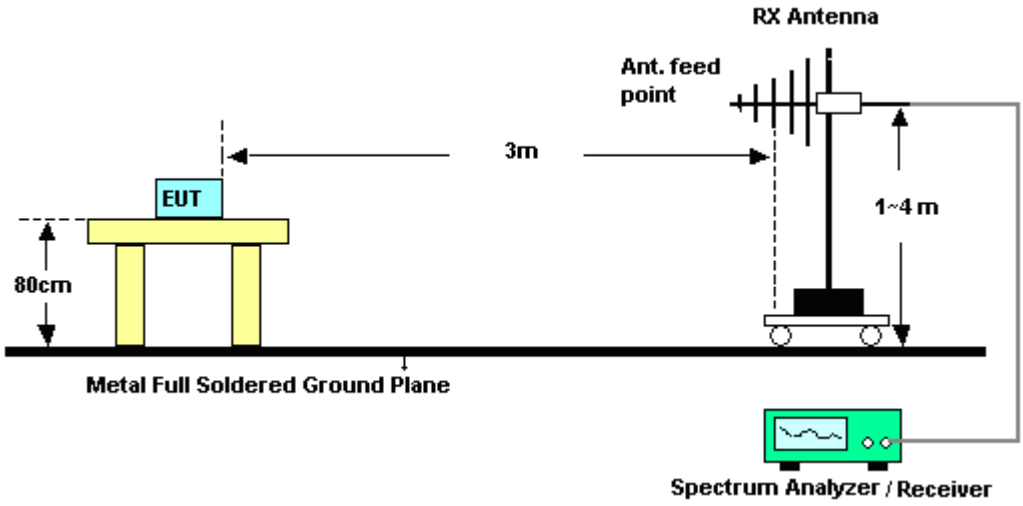
3.4.4 Test Setup

For radiated emissions below 30MHz

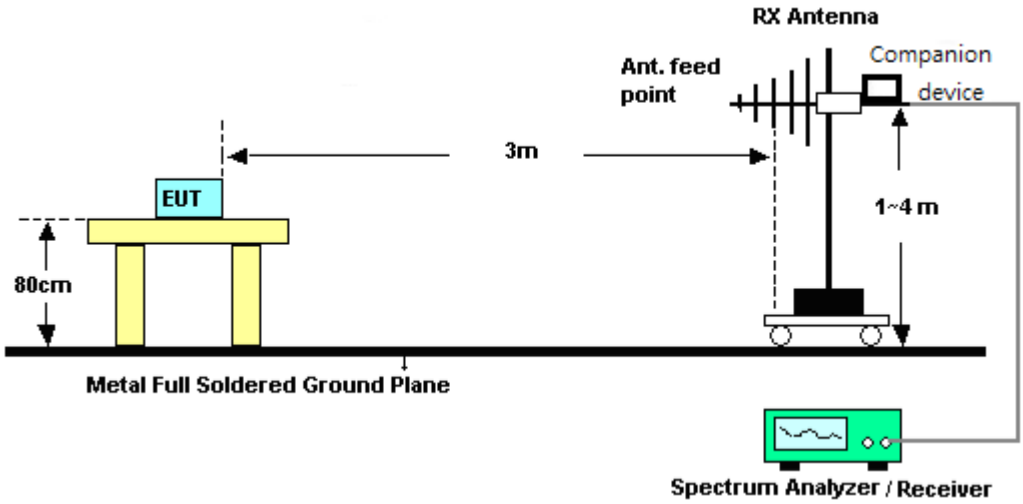


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

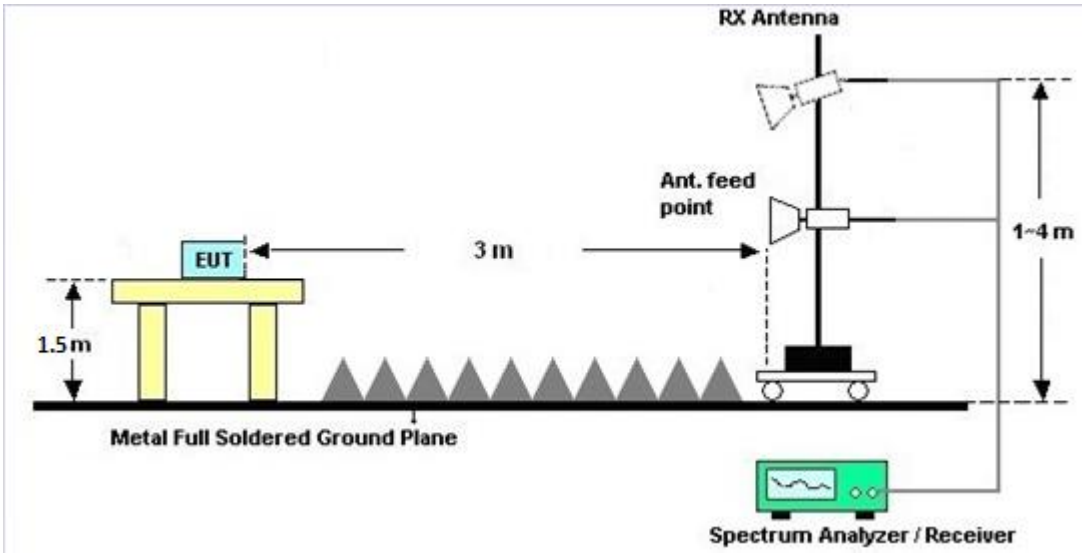


<TXBF Modes>

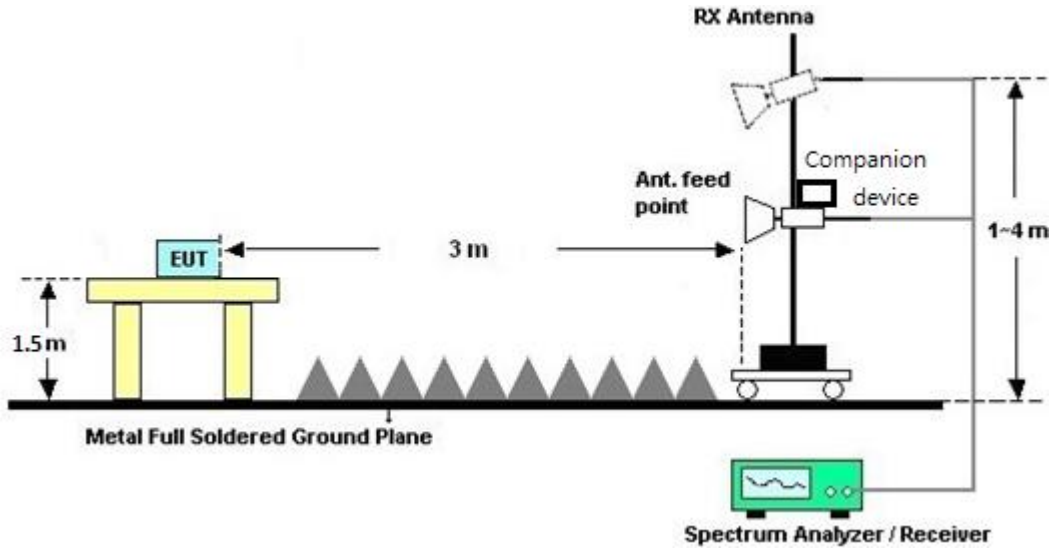


For radiated emissions above 1GHz

<CDD Mode>



<TXBF Modes>



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

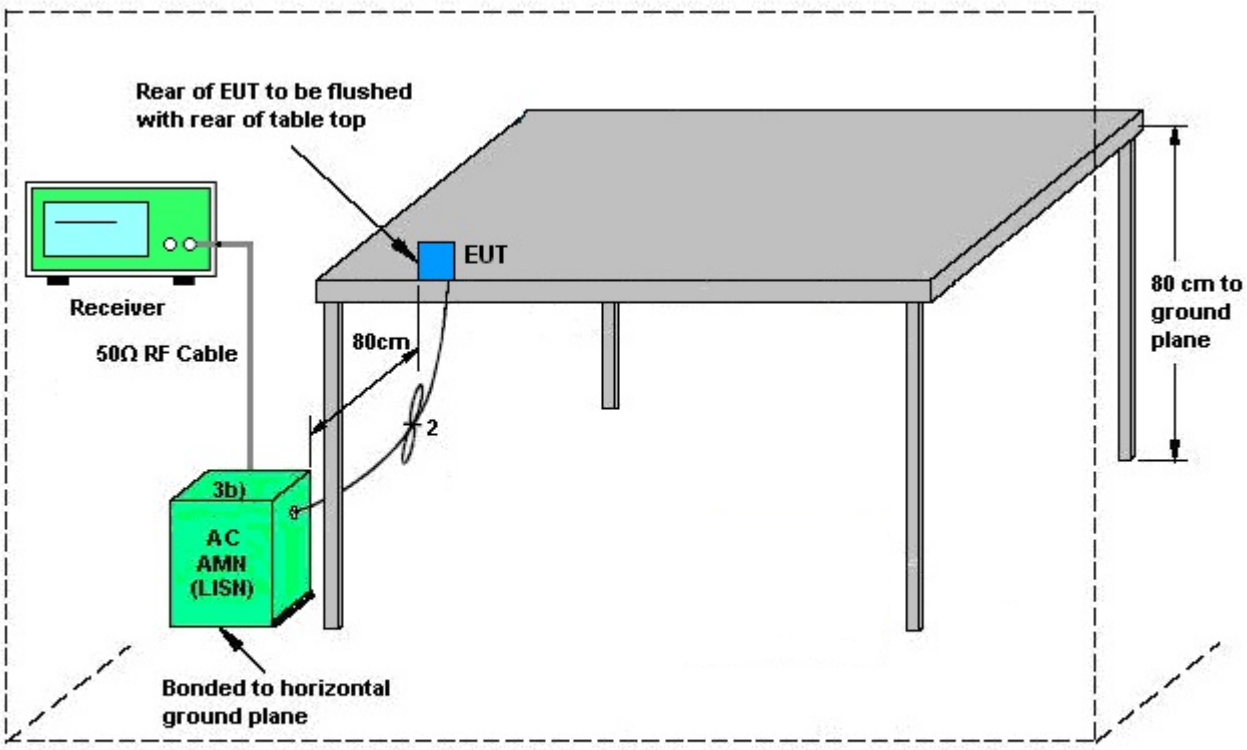
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes>

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

Band II	Ant. 1	Ant. 2	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
MIMO 1+2	3.80	4.50	4.50	7.17	0.00	1.17

Band III	Ant. 1	Ant. 2	Ant. 3	Ant. 4	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
MIMO 3+4	-	-	3.70	3.70	3.70	6.71	0.00	0.71
MIMO 2+3+4	-	5.80	3.70	3.70	5.80	9.23	0.00	3.23
MIMO 1+2+3+4	6.00	5.80	3.70	3.70	6.00	10.89	0.00	4.89

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

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

TXBF Modes

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

where

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

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

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The EUT supports beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

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

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

Band II	Ant 1		Ant 3		DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
MIMO 3+4	3.80		4.50		7.17	7.17	1.17	1.17

Band III	Ant 1	Ant 2	Ant 3	Ant 4	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
MIMO 3+4	-	-	3.70	3.70	6.71	6.71	0.71	0.71
MIMO 2+3+4	-	5.80	3.70	3.70	9.23	9.23	3.23	3.23
MIMO 1+2+3+4	6.00	5.80	3.70	3.70	10.89	10.89	4.89	4.89

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1240001	N/A	Sep. 07, 2017	Apr. 13, 2018 ~ Apr. 20, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207349	300MHz~40GHz	Sep. 07, 2017	Apr. 13, 2018 ~ Apr. 20, 2018	Sep. 06, 2018	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO11	10MHz~6GHz	Dec. 11, 2017	Apr. 23, 2018 ~ Apr. 26, 2018	Dec. 10, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Apr. 13, 2018 ~ Apr. 26, 2018	Jun. 19, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Apr. 13, 2018 ~ Apr. 26, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Mar. 27, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Sep. 20, 2017	Mar. 27, 2018	Sep. 19, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Mar. 27, 2018	Nov. 29, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2017	Mar. 27, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 27, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Mar. 27, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Mar. 27, 2018	Jan. 02, 2019	Conduction (CO05-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 18, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Jul. 17, 2018	Radiation (03CH13-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Nov. 22, 2018	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Jan. 19, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Jan. 18, 2020	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	40103&07	30MHz to 1GHz	Jan. 10, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Jan. 09, 2019	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jun. 15, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Jun. 14, 2018	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 22, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	May 21, 2018	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270147	1GHz~26.5GHz	Feb. 02, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Feb. 01, 2019	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 19, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Oct. 18, 2018	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30M-18G	Jan. 22, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	335041/4	30M-18G	Jan. 22, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
RF Cable	Humber+Suhner	SUCOFLEX 104	MY24961/4	30M~18GHz	Jan. 22, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Jan. 21, 2019	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Feb. 19, 2018 ~ Apr. 18, 2018	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Feb. 19, 2018 ~ Apr. 18, 2018	N/A	Radiation (03CH13-HY)
Software	AUDIX	E3 6.2009-8-24c	RK-001124	N/A	N/A	Feb. 19, 2018 ~ Apr. 18, 2018	N/A	Radiation (03CH13-HY)
Filter	Woken	WHKX8-5872.5-6750-18000-40ST	SN3	6.75GHz High Pass	Sep. 18, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Sep. 17, 2018	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN12	1GHz Low Pass Filter	Sep. 18, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Sep. 17, 2018	Radiation (03CH13-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz to 26.5GHz	Jan. 16, 2018	Feb. 19, 2018 ~ Apr. 18, 2018	Jan. 15, 2019	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 27, 2017	Feb. 19, 2018 ~ Apr. 18, 2018	Nov. 26, 2018	Radiation (03CH13-HY)

5 Uncertainty of Evaluation

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

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

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

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

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

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

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

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

Appendix A. Test Result of Conduted Test Items

<For CDD Mode>

Test Engineer:	Liao Kai	Temperature:	21~25	°C
Test Date:	2018/4/13 ~ 2018/4/20	Relative Humidity:	51~54	%

Report Number : FR811726D

TEST RESULTS DATA
26dB and 99% OBW

Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	52	5260	33.00				23.98				
11a	6Mbps	1	60	5300	22.85				23.98				
11a	6Mbps	1	64	5320	20.85				23.98				
VHT20	MCS0	1	52	5260	36.15				23.98				
VHT20	MCS0	1	60	5300	25.10				23.98				
VHT20	MCS0	1	64	5320	22.00				23.98				
VHT40	MCS0	1	54	5270	86.25				23.98				
VHT40	MCS0	1	62	5310	40.50				23.98				
VHT80	MCS0	1	58	5290	86.50				23.98				

Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	2	52	5260	22.05	21.60			23.98	23.98			
11a	6Mbps	2	60	5300	21.90	21.80			23.98	23.98			
11a	6Mbps	2	64	5320	22.00	21.50			23.98	23.98			
VHT20	MCS0	2	52	5260	21.80	21.40			23.98	23.98			
VHT20	MCS0	2	60	5300	21.80	21.90			23.98	23.98			
VHT20	MCS0	2	64	5320	21.80	21.90			23.98	23.98			
VHT40	MCS0	2	54	5270	43.38	40.50			23.98	23.98			
VHT40	MCS0	2	62	5310	40.50	40.27			23.98	23.98			
VHT80	MCS0	2	58	5290	84.48	84.60			23.98	23.98			

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	52	5260	17.45				23.42				29.42			
11a	6Mbps	1	60	5300	17.20				23.36				29.36			
11a	6Mbps	1	64	5320	17.15				23.34				29.34			
VHT20	MCS0	1	52	5260	18.60				23.70				29.70			
VHT20	MCS0	1	60	5300	18.40				23.65				29.65			
VHT20	MCS0	1	64	5320	18.35				23.64				29.64			
VHT40	MCS0	1	54	5270	42.10				23.98				30.00			
VHT40	MCS0	1	62	5310	36.20				23.98				30.00			
VHT80	MCS0	1	58	5290	75.72				23.98				30.00			

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	2	52	5260	18.30	18.35			23.62	23.64			29.62	29.64		
11a	6Mbps	2	60	5300	18.25	18.30			23.61	23.62			29.61	29.62		
11a	6Mbps	2	64	5320	18.30	18.25			23.62	23.61			29.62	29.61		
VHT20	MCS0	2	52	5260	18.35	18.30			23.64	23.62			29.64	29.62		
VHT20	MCS0	2	60	5300	18.30	18.30			23.62	23.62			29.62	29.62		
VHT20	MCS0	2	64	5320	18.25	18.30			23.61	23.62			29.61	29.62		
VHT40	MCS0	2	54	5270	36.30	36.40			23.98	23.98			30.00	30.00		
VHT40	MCS0	2	62	5310	36.20	36.20			23.98	23.98			30.00	30.00		
VHT80	MCS0	2	58	5290	75.96	75.84			23.98	23.98			30.00	30.00		

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TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	1	52	5260	1	22.38				22.38	23.98	3.80	26.18	30.00	Pass
11a	6Mbps	1	60	5300	1	22.17				22.17	23.98	3.80	25.97	30.00	Pass
11a	6Mbps	1	64	5320	1	22.18				22.18	23.98	3.80	25.98	30.00	Pass
HT20	MCS0	1	52	5260	1	22.92				22.92	23.98	3.80	26.72	30.00	Pass
HT20	MCS0	1	60	5300	1	22.62				22.62	23.98	3.80	26.42	30.00	Pass
HT20	MCS0	1	64	5320	1	22.53				22.53	23.98	3.80	26.33	30.00	Pass
HT40	MCS0	1	54	5270	1	23.70				23.70	23.98	3.80	27.50	30.00	Pass
HT40	MCS0	1	62	5310	1	20.51				20.51	23.98	3.80	24.31	30.00	Pass
VHT20	MCS0	1	52	5260	1	23.36				23.36	23.98	3.80	27.16	30.00	Pass
VHT20	MCS0	1	60	5300	1	22.68				22.68	23.98	3.80	26.48	30.00	Pass
VHT20	MCS0	1	64	5320	1	22.99				22.99	23.98	3.80	26.79	30.00	Pass
VHT40	MCS0	1	54	5270	1	23.94				23.94	23.98	3.80	27.74	30.00	Pass
VHT40	MCS0	1	62	5310	1	21.46				21.46	23.98	3.80	25.26	30.00	Pass
VHT80	MCS0	1	58	5290	1	20.87				20.87	23.98	3.80	24.67	30.00	Pass

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	2	52	5260	1+2	18.66	18.13			21.41	23.98	4.50	25.91	30.00	Pass
11a	6Mbps	2	60	5300	1+2	19.02	18.60			21.82	23.98	4.50	26.32	30.00	Pass
11a	6Mbps	2	64	5320	1+2	18.28	18.34			21.32	23.98	4.50	25.82	30.00	Pass
HT20	MCS0	2	52	5260	1+2	19.12	18.40			21.78	23.98	4.50	26.28	30.00	Pass
HT20	MCS0	2	60	5300	1+2	18.99	18.44			21.73	23.98	4.50	26.23	30.00	Pass
HT20	MCS0	2	64	5320	1+2	18.57	18.67			21.63	23.98	4.50	26.13	30.00	Pass
HT40	MCS0	2	54	5270	1+2	20.83	20.21			23.54	23.98	4.50	28.04	30.00	Pass
HT40	MCS0	2	62	5310	1+2	20.60	20.55			23.59	23.98	4.50	28.09	30.00	Pass
VHT20	MCS0	2	52	5260	1+2	19.07	18.66			21.88	23.98	4.50	26.38	30.00	Pass
VHT20	MCS0	2	60	5300	1+2	19.07	18.84			21.96	23.98	4.50	26.46	30.00	Pass
VHT20	MCS0	2	64	5320	1+2	18.91	19.08			22.00	23.98	4.50	26.50	30.00	Pass
VHT40	MCS0	2	54	5270	1+2	21.16	20.25			23.73	23.98	4.50	28.23	30.00	Pass
VHT40	MCS0	2	62	5310	1+2	20.55	20.63			23.60	23.98	4.50	28.10	30.00	Pass
VHT80	MCS0	2	58	5290	1+2	20.89	20.15			23.55	23.98	4.50	28.05	30.00	Pass

Report Number : FR811726D

TEST RESULTS DATA
Power Spectral Density

Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	-	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
11a	6Mbps	1	52	5260	1	0.17				10.66	11.00	3.80		Pass
11a	6Mbps	1	60	5300	1	0.17				10.52	11.00	3.80		Pass
11a	6Mbps	1	64	5320	1	0.17				10.55	11.00	3.80		Pass
VHT20	MCS0	1	52	5260	1	0.54				10.99	11.00	3.80		Pass
VHT20	MCS0	1	60	5300	1	0.54				10.95	11.00	3.80		Pass
VHT20	MCS0	1	64	5320	1	0.54				10.82	11.00	3.80		Pass
VHT40	MCS0	1	54	5270	1	1.06				9.20	11.00	3.80		Pass
VHT40	MCS0	1	62	5310	1	1.06				6.08	11.00	3.80		Pass
VHT80	MCS0	1	58	5290	1	0.82				2.90	11.00	3.80		Pass

Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)	-	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
11a	6Mbps	2	52	5260	1+2	0.17	0.17			9.39	9.83	7.17		Pass
11a	6Mbps	2	60	5300	1+2	0.17	0.17			9.73	9.83	7.17		Pass
11a	6Mbps	2	64	5320	1+2	0.17	0.17			9.31	9.83	7.17		Pass
VHT20	MCS0	2	52	5260	1+2	0.56	0.56			9.79	9.83	7.17		Pass
VHT20	MCS0	2	60	5300	1+2	0.56	0.56			9.74	9.83	7.17		Pass
VHT20	MCS0	2	64	5320	1+2	0.56	0.56			9.75	9.83	7.17		Pass
VHT40	MCS0	2	54	5270	1+2	1.06	1.06			9.10	9.83	7.17		Pass
VHT40	MCS0	2	62	5310	1+2	1.06	1.06			9.07	9.83	7.17		Pass
VHT80	MCS0	2	58	5290	1+2	0.81	0.81			5.23	9.83	7.17		Pass

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TEST RESULTS DATA
26dB and 99% OBW

Band III																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	1	100	5500			21.35				23.98				----	
11a	6Mbps	1	116	5580			21.40				23.98				----	
11a	6Mbps	1	140	5700			22.00				23.98				----	
11a	6Mbps	1	144	5720			27.85				23.98				3.15	
VHT20	MCS0	1	100	5500			22.30				23.98				----	
VHT20	MCS0	1	116	5580			22.00				23.98				----	
VHT20	MCS0	1	140	5700			22.15				23.98				----	
VHT20	MCS0	1	144	5720			28.22				23.98				3.75	
VHT40	MCS0	1	102	5510			40.68				23.98				----	
VHT40	MCS0	1	110	5550			41.12				23.98				----	
VHT40	MCS0	1	134	5670			54.90				23.98				----	
VHT40	MCS0	1	142	5710			64.35				23.98				1.92	
VHT80	MCS0	1	106	5530			119.40				23.98				----	
VHT80	MCS0	1	122	5610			84.36				23.98				----	
VHT80	MCS0	1	138	5690			141.87				23.98				1.35	

Band III																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	2	100	5500			21.00	21.00			23.98	23.98			----	----
11a	6Mbps	2	116	5580			20.90	21.05			23.98	23.98			----	----
11a	6Mbps	2	140	5700			21.05	21.20			23.98	23.98			----	----
11a	6Mbps	2	144	5720			15.95	15.75			23.03	22.97			3.10	3.10
VHT20	MCS0	2	100	5500			21.90	21.75			23.98	23.98			----	----
VHT20	MCS0	2	116	5580			21.70	21.80			23.98	23.98			----	----
VHT20	MCS0	2	140	5700			21.70	22.00			23.98	23.98			----	----
VHT20	MCS0	2	144	5720			15.90	16.15			23.01	23.08			3.75	3.75
VHT40	MCS0	2	102	5510			40.68	40.42			23.98	23.98			----	----
VHT40	MCS0	2	110	5550			40.86	40.45			23.98	23.98			----	----
VHT40	MCS0	2	134	5670			41.34	41.04			23.98	23.98			----	----
VHT40	MCS0	2	142	5710			35.79	35.70			23.98	23.98			2.52	2.49
VHT80	MCS0	2	106	5530			82.56	83.52			23.98	23.98			----	----
VHT80	MCS0	2	122	5610			83.10	83.30			23.98	23.98			----	----
VHT80	MCS0	2	138	5690			76.52	86.60			23.98	23.98			3.24	2.08

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	3	100	5500		22.15	21.90	22.05		23.98	23.98	23.98		----	----	----
11a	6Mbps	3	116	5580		21.25	20.90	21.10		23.98	23.98	23.98		----	----	----
11a	6Mbps	3	140	5700		21.30	20.90	21.00		23.98	23.98	23.98		----	----	----
11a	6Mbps	3	144	5720		15.65	15.50	15.55		22.95	22.90	22.92		3.15	2.90	3.10
VHT20	MCS0	3	100	5500		21.90	21.50	21.80		23.98	23.98	23.98		----	----	----
VHT20	MCS0	3	116	5580		22.00	21.85	21.70		23.98	23.98	23.98		----	----	----
VHT20	MCS0	3	140	5700		22.10	21.80	21.60		23.98	23.98	23.98		----	----	----
VHT20	MCS0	3	144	5720		15.90	16.05	16.15		23.01	23.05	23.08		3.75	3.75	3.75
VHT40	MCS0	3	102	5510		40.86	40.86	41.04		23.98	23.98	23.98		----	----	----
VHT40	MCS0	3	110	5550		40.85	40.68	40.32		23.98	23.98	23.98		----	----	----
VHT40	MCS0	3	134	5670		41.22	41.17	40.50		23.98	23.98	23.98		----	----	----
VHT40	MCS0	3	142	5710		35.61	35.43	35.25		23.98	23.98	23.98		3.05	2.55	2.55
VHT80	MCS0	3	106	5530		83.36	83.04	82.88		23.98	23.98	23.98		----	----	----
VHT80	MCS0	3	122	5610		83.84	83.36	83.04		23.98	23.98	23.98		----	----	----
VHT80	MCS0	3	138	5690		76.76	76.60	76.28		23.98	23.98	23.98		3.24	3.24	3.24

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	100	5500	21.20	20.95	20.90	20.90	23.98	23.98	23.98	23.98	----	----	----	----
11a	6Mbps	4	116	5580	21.25	20.95	20.90	20.90	23.98	23.98	23.98	23.98	----	----	----	----
11a	6Mbps	4	140	5700	21.00	21.10	21.10	20.90	23.98	23.98	23.98	23.98	----	----	----	----
11a	6Mbps	4	144	5720	15.50	15.65	15.60	15.50	22.90	22.95	22.93	22.90	3.10	3.15	3.15	3.15
VHT20	MCS0	4	100	5500	21.80	21.70	21.80	21.50	23.98	23.98	23.98	23.98	----	----	----	----
VHT20	MCS0	4	116	5580	22.25	22.05	21.60	21.50	23.98	23.98	23.98	23.98	----	----	----	----
VHT20	MCS0	4	140	5700	21.80	22.20	21.75	21.70	23.98	23.98	23.98	23.98	----	----	----	----
VHT20	MCS0	4	144	5720	16.00	15.95	16.00	16.15	23.04	23.03	23.04	23.08	3.75	3.70	3.70	3.75
VHT40	MCS0	4	102	5510	40.50	40.50	40.32	40.21	23.98	23.98	23.98	23.98	----	----	----	----
VHT40	MCS0	4	110	5550	40.68	40.32	40.50	40.50	23.98	23.98	23.98	23.98	----	----	----	----
VHT40	MCS0	4	134	5670	40.50	40.68	40.68	40.50	23.98	23.98	23.98	23.98	----	----	----	----
VHT40	MCS0	4	142	5710	35.34	35.16	35.34	35.34	23.98	23.98	23.98	23.98	2.73	2.50	2.46	3.05
VHT80	MCS0	4	106	5530	84.07	82.88	82.88	83.52	23.98	23.98	23.98	23.98	----	----	----	----
VHT80	MCS0	4	122	5610	83.52	83.28	83.20	82.88	23.98	23.98	23.98	23.98	----	----	----	----
VHT80	MCS0	4	138	5690	77.24	76.44	76.28	76.28	23.98	23.98	23.98	23.98	2.60	3.08	2.92	3.24

Band III																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)				
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	1	100	5500			17.15				23.34				29.34		
11a	6Mbps	1	116	5580			17.25				23.37				29.37		
11a	6Mbps	1	140	5700			17.30				23.38				29.38		
11a	6Mbps	1	144	5720			18.00				23.55				29.55		
VHT20	MCS0	1	100	5500			18.35				23.64				29.64		
VHT20	MCS0	1	116	5580			18.30				23.62				29.62		
VHT20	MCS0	1	140	5700			18.40				23.65				29.65		
VHT20	MCS0	1	144	5720			18.15				23.59				29.59		
VHT40	MCS0	1	102	5510			36.20				23.98				30.00		
VHT40	MCS0	1	110	5550			36.40				23.98				30.00		
VHT40	MCS0	1	134	5670			36.60				23.98				30.00		
VHT40	MCS0	1	142	5710			47.60				23.98				30.00		
VHT80	MCS0	1	106	5530			76.08				23.98				30.00		
VHT80	MCS0	1	122	5610			75.96				23.98				30.00		
VHT80	MCS0	1	138	5690			81.56				23.98				30.00		

Band III																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)				
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
11a	6Mbps	2	100	5500			17.20	17.20			23.36	23.36			29.36	29.36	
11a	6Mbps	2	116	5580			17.15	17.25			23.34	23.37			29.34	29.37	
11a	6Mbps	2	140	5700			17.20	17.20			23.36	23.36			29.36	29.36	
11a	6Mbps	2	144	5720			13.65	13.65			22.35	22.35			28.35	28.35	
VHT20	MCS0	2	100	5500			18.30	18.35			23.62	23.64			29.62	29.64	
VHT20	MCS0	2	116	5580			18.30	18.30			23.62	23.62			29.62	29.62	
VHT20	MCS0	2	140	5700			18.30	18.30			23.62	23.62			29.62	29.62	
VHT20	MCS0	2	144	5720			14.20	14.15			22.52	22.51			28.52	28.51	
VHT40	MCS0	2	102	5510			36.20	36.20			23.98	23.98			30.00	30.00	
VHT40	MCS0	2	110	5550			36.30	36.10			23.98	23.98			30.00	30.00	
VHT40	MCS0	2	134	5670			36.30	36.40			23.98	23.98			30.00	30.00	
VHT40	MCS0	2	142	5710			33.30	33.20			23.98	23.98			30.00	30.00	
VHT80	MCS0	2	106	5530			75.60	75.84			23.98	23.98			30.00	30.00	
VHT80	MCS0	2	122	5610			75.96	75.96			23.98	23.98			30.00	30.00	
VHT80	MCS0	2	138	5690			72.92	72.92			23.98	23.98			30.00	30.00	

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	3	100	5500		18.35	18.25	18.35		23.64	23.61	23.64		29.64	29.61	29.64
11a	6Mbps	3	116	5580		17.30	17.15	17.20		23.38	23.34	23.36		29.38	29.34	29.36
11a	6Mbps	3	140	5700		17.25	17.20	17.20		23.37	23.36	23.36		29.37	29.36	29.36
11a	6Mbps	3	144	5720		13.65	13.65	13.65		22.35	22.35	22.35		28.35	28.35	28.35
VHT20	MCS0	3	100	5500		18.30	18.25	18.35		23.62	23.61	23.64		29.62	29.61	29.64
VHT20	MCS0	3	116	5580		18.30	18.30	18.35		23.62	23.62	23.64		29.62	29.62	29.64
VHT20	MCS0	3	140	5700		18.35	18.40	18.35		23.64	23.65	23.64		29.64	29.65	29.64
VHT20	MCS0	3	144	5720		14.20	14.25	14.20		22.52	22.54	22.52		28.52	28.54	28.52
VHT40	MCS0	3	102	5510		36.50	36.20	36.40		23.98	23.98	23.98		30.00	30.00	30.00
VHT40	MCS0	3	110	5550		36.40	36.30	36.30		23.98	23.98	23.98		30.00	30.00	30.00
VHT40	MCS0	3	134	5670		36.30	36.40	36.20		23.98	23.98	23.98		30.00	30.00	30.00
VHT40	MCS0	3	142	5710		33.30	33.30	33.20		23.98	23.98	23.98		30.00	30.00	30.00
VHT80	MCS0	3	106	5530		76.08	75.96	76.08		23.98	23.98	23.98		30.00	30.00	30.00
VHT80	MCS0	3	122	5610		76.20	75.84	75.96		23.98	23.98	23.98		30.00	30.00	30.00
VHT80	MCS0	3	138	5690		73.04	73.04	72.92		23.98	23.98	23.98		30.00	30.00	30.00

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
11a	6Mbps	4	100	5500	17.25	17.15	17.15	17.10	23.37	23.34	23.34	23.33	29.37	29.34	29.34	29.33
11a	6Mbps	4	116	5580	17.25	17.20	17.10	17.10	23.37	23.36	23.33	23.33	29.37	29.36	29.33	29.33
11a	6Mbps	4	140	5700	17.15	17.25	17.20	17.15	23.34	23.37	23.36	23.34	29.34	29.37	29.36	29.34
11a	6Mbps	4	144	5720	13.60	13.70	13.60	13.60	22.34	22.37	22.34	22.34	28.34	28.37	28.34	28.34
VHT20	MCS0	4	100	5500	18.20	18.35	18.25	18.25	23.60	23.64	23.61	23.61	29.60	29.64	29.61	29.61
VHT20	MCS0	4	116	5580	18.30	18.30	18.25	18.25	23.62	23.62	23.61	23.61	29.62	29.62	29.61	29.61
VHT20	MCS0	4	140	5700	18.30	18.35	18.30	18.30	23.62	23.64	23.62	23.62	29.62	29.64	29.62	29.62
VHT20	MCS0	4	144	5720	14.15	14.20	14.20	14.20	22.51	22.52	22.52	22.52	28.51	28.52	28.52	28.52
VHT40	MCS0	4	102	5510	36.20	36.20	36.20	36.20	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT40	MCS0	4	110	5550	36.20	36.20	36.20	36.20	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT40	MCS0	4	134	5670	36.30	36.10	36.30	36.20	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT40	MCS0	4	142	5710	33.20	33.10	33.10	33.10	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT80	MCS0	4	106	5530	75.96	75.84	75.84	75.84	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT80	MCS0	4	122	5610	75.84	75.96	75.84	75.96	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT80	MCS0	4	138	5690	72.92	72.92	72.92	72.92	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00

Report Number : FR811726D

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	1	100	5500	3			22.71		22.71	23.98	3.70	26.41	30.00	Pass
11a	6Mbps	1	116	5580	3			22.49		22.49	23.98	3.70	26.19	30.00	Pass
11a	6Mbps	1	140	5700	3			20.06		20.06	23.98	3.70	23.76	30.00	Pass
11a	6Mbps	1	144	5720	3			22.96		22.96	23.98	3.70	26.66	30.00	Pass
HT20	MCS0	1	100	5500	3			22.23		22.23	23.98	3.70	25.93	30.00	Pass
HT20	MCS0	1	116	5580	3			22.29		22.29	23.98	3.70	25.99	30.00	Pass
HT20	MCS0	1	140	5700	3			19.53		19.53	23.98	3.70	23.23	30.00	Pass
HT20	MCS0	1	144	5720	3			22.54		22.54	23.98	3.70	26.24	30.00	Pass
HT40	MCS0	1	102	5510	3			21.29		21.29	23.98	3.70	24.99	30.00	Pass
HT40	MCS0	1	110	5550	3			23.13		23.13	23.98	3.70	26.83	30.00	Pass
HT40	MCS0	1	134	5670	3			20.99		20.99	23.98	3.70	24.69	30.00	Pass
HT40	MCS0	1	142	5710	3			23.53		23.53	23.98	3.70	27.23	30.00	Pass
VHT20	MCS0	1	100	5500	3			22.29		22.29	23.98	3.70	25.99	30.00	Pass
VHT20	MCS0	1	116	5580	3			22.59		22.59	23.98	3.70	26.29	30.00	Pass
VHT20	MCS0	1	140	5700	3			19.69		19.69	23.98	3.70	23.39	30.00	Pass
VHT20	MCS0	1	144	5720	3			22.76		22.76	23.98	3.70	26.46	30.00	Pass
VHT40	MCS0	1	102	5510	3			21.89		21.89	23.98	3.70	25.59	30.00	Pass
VHT40	MCS0	1	110	5550	3			23.61		23.61	23.98	3.70	27.31	30.00	Pass
VHT40	MCS0	1	134	5670	3			21.46		21.46	23.98	3.70	25.16	30.00	Pass
VHT40	MCS0	1	142	5710	3			23.94		23.94	23.98	3.70	27.64	30.00	Pass
VHT80	MCS0	1	106	5530	3			23.33		23.33	23.98	3.70	27.03	30.00	Pass
VHT80	MCS0	1	122	5610	3			18.42		18.42	23.98	3.70	22.12	30.00	Pass
VHT80	MCS0	1	138	5690	3			23.71		23.71	23.98	3.70	27.41	30.00	Pass

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	2	100	5500	3+4			18.48	18.98	21.75	23.98	3.70	25.45	30.00	Pass
11a	6Mbps	2	116	5580	3+4			18.74	18.82	21.79	23.98	3.70	25.49	30.00	Pass
11a	6Mbps	2	140	5700	3+4			17.87	19.21	21.60	23.98	3.70	25.30	30.00	Pass
11a	6Mbps	2	144	5720	3+4			18.26	20.86	22.76	22.97	3.70	26.46	30.00	Pass
HT20	MCS0	2	100	5500	3+4			18.88	19.75	22.34	23.98	3.70	26.04	30.00	Pass
HT20	MCS0	2	116	5580	3+4			18.80	18.66	21.74	23.98	3.70	25.44	30.00	Pass
HT20	MCS0	2	140	5700	3+4			17.99	19.49	21.81	23.98	3.70	25.51	30.00	Pass
HT20	MCS0	2	144	5720	3+4			16.96	20.12	21.83	23.98	3.70	25.53	30.00	Pass
HT40	MCS0	2	102	5510	3+4			19.65	20.40	23.05	23.98	3.70	26.75	30.00	Pass
HT40	MCS0	2	110	5550	3+4			20.42	20.68	23.56	23.98	3.70	27.26	30.00	Pass
HT40	MCS0	2	134	5670	3+4			19.91	21.06	23.53	23.98	3.70	27.23	30.00	Pass
HT40	MCS0	2	142	5710	3+4			19.63	21.51	23.68	23.98	3.70	27.38	30.00	Pass
VHT20	MCS0	2	100	5500	3+4			18.84	19.92	22.42	23.98	3.70	26.12	30.00	Pass
VHT20	MCS0	2	116	5580	3+4			18.99	19.06	22.03	23.98	3.70	25.73	30.00	Pass
VHT20	MCS0	2	140	5700	3+4			17.99	19.62	21.89	23.98	3.70	25.59	30.00	Pass
VHT20	MCS0	2	144	5720	3+4			17.37	20.12	21.97	23.01	3.70	25.67	30.00	Pass
VHT40	MCS0	2	102	5510	3+4			20.24	20.98	23.64	23.98	3.70	27.34	30.00	Pass
VHT40	MCS0	2	110	5550	3+4			20.56	20.70	23.64	23.98	3.70	27.34	30.00	Pass
VHT40	MCS0	2	134	5670	3+4			20.12	21.40	23.82	23.98	3.70	27.52	30.00	Pass
VHT40	MCS0	2	142	5710	3+4			19.66	21.54	23.71	23.98	3.70	27.41	30.00	Pass
VHT80	MCS0	2	106	5530	3+4			18.53	18.85	21.70	23.98	3.70	25.40	30.00	Pass
VHT80	MCS0	2	122	5610	3+4			20.27	20.75	23.53	23.98	3.70	27.23	30.00	Pass
VHT80	MCS0	2	138	5690	3+4			19.90	21.04	23.52	23.98	3.70	27.22	30.00	Pass

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	3	100	5500	2+3+4		14.77	14.97	15.26	19.77	23.98	5.80	25.57	30.00	Pass
11a	6Mbps	3	116	5580	2+3+4		13.28	14.78	14.58	19.03	23.98	5.80	24.83	30.00	Pass
11a	6Mbps	3	140	5700	2+3+4		14.24	13.58	14.81	19.01	23.98	5.80	24.81	30.00	Pass
11a	6Mbps	3	144	5720	2+3+4		14.51	12.86	14.78	18.90	22.90	5.80	24.70	30.00	Pass
HT20	MCS0	3	100	5500	2+3+4		14.86	15.08	15.17	19.81	23.98	5.80	25.61	30.00	Pass
HT20	MCS0	3	116	5580	2+3+4		13.75	15.12	15.51	19.62	23.98	5.80	25.42	30.00	Pass
HT20	MCS0	3	140	5700	2+3+4		14.37	13.73	15.21	19.25	23.98	5.80	25.05	30.00	Pass
HT20	MCS0	3	144	5720	2+3+4		14.49	12.91	15.75	19.30	23.98	5.80	25.10	30.00	Pass
HT40	MCS0	3	102	5510	2+3+4		16.82	17.45	17.74	22.13	23.98	5.80	27.93	30.00	Pass
HT40	MCS0	3	110	5550	2+3+4		16.39	17.54	17.85	22.08	23.98	5.80	27.88	30.00	Pass
HT40	MCS0	3	134	5670	2+3+4		17.60	16.88	18.38	22.43	23.98	5.80	28.23	30.00	Pass
HT40	MCS0	3	142	5710	2+3+4		17.94	16.66	18.78	22.65	23.98	5.80	28.45	30.00	Pass
VHT20	MCS0	3	100	5500	2+3+4		15.02	15.33	15.14	19.94	23.98	5.80	25.74	30.00	Pass
VHT20	MCS0	3	116	5580	2+3+4		14.19	15.26	15.04	19.63	23.98	5.80	25.43	30.00	Pass
VHT20	MCS0	3	140	5700	2+3+4		14.66	13.89	15.07	19.34	23.98	5.80	25.14	30.00	Pass
VHT20	MCS0	3	144	5720	2+3+4		14.91	13.16	15.70	19.49	23.01	5.80	25.29	30.00	Pass
VHT40	MCS0	3	102	5510	2+3+4		17.28	17.83	18.44	22.65	23.98	5.80	28.45	30.00	Pass
VHT40	MCS0	3	110	5550	2+3+4		16.89	18.03	18.44	22.61	23.98	5.80	28.41	30.00	Pass
VHT40	MCS0	3	134	5670	2+3+4		18.30	17.33	18.99	23.03	23.98	5.80	28.83	30.00	Pass
VHT40	MCS0	3	142	5710	2+3+4		18.40	17.30	19.22	23.15	23.98	5.80	28.95	30.00	Pass
VHT80	MCS0	3	106	5530	2+3+4		15.74	16.85	16.77	21.25	23.98	5.80	27.05	30.00	Pass
VHT80	MCS0	3	122	5610	2+3+4		18.03	19.27	19.26	23.66	23.98	5.80	29.46	30.00	Pass
VHT80	MCS0	3	138	5690	2+3+4		18.71	18.39	19.45	23.64	23.98	5.80	29.44	30.00	Pass

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
11a	6Mbps	4	100	5500	1+2+3+4	11.35	12.23	12.35	13.17	18.34	23.98	6.00	24.34	30.00	Pass
11a	6Mbps	4	116	5580	1+2+3+4	11.20	11.51	12.56	12.99	18.15	23.98	6.00	24.15	30.00	Pass
11a	6Mbps	4	140	5700	1+2+3+4	13.08	12.42	11.54	13.16	18.62	23.98	6.00	24.62	30.00	Pass
11a	6Mbps	4	144	5720	1+2+3+4	12.40	12.69	10.79	13.76	18.56	22.90	6.00	24.56	30.00	Pass
HT20	MCS0	4	100	5500	1+2+3+4	11.50	12.32	12.39	12.83	18.30	23.98	6.00	24.30	30.00	Pass
HT20	MCS0	4	116	5580	1+2+3+4	11.50	11.55	12.70	12.84	18.21	23.98	6.00	24.21	30.00	Pass
HT20	MCS0	4	140	5700	1+2+3+4	13.74	13.03	12.01	13.63	19.17	23.98	6.00	25.17	30.00	Pass
HT20	MCS0	4	144	5720	1+2+3+4	13.12	13.25	11.27	14.29	19.13	23.98	6.00	25.13	30.00	Pass
HT40	MCS0	4	102	5510	1+2+3+4	13.45	14.32	14.88	15.15	20.52	23.98	6.00	26.52	30.00	Pass
HT40	MCS0	4	110	5550	1+2+3+4	12.93	13.96	15.26	15.52	20.56	23.98	6.00	26.56	30.00	Pass
HT40	MCS0	4	134	5670	1+2+3+4	15.66	14.72	13.84	15.64	21.05	23.98	6.00	27.05	30.00	Pass
HT40	MCS0	4	142	5710	1+2+3+4	15.73	15.51	14.21	16.25	21.51	23.98	6.00	27.51	30.00	Pass
VHT20	MCS0	4	100	5500	1+2+3+4	11.37	12.28	12.37	13.11	18.34	23.98	6.00	24.34	30.00	Pass
VHT20	MCS0	4	116	5580	1+2+3+4	11.38	11.52	12.74	13.01	18.24	23.98	6.00	24.24	30.00	Pass
VHT20	MCS0	4	140	5700	1+2+3+4	13.64	13.01	12.01	13.76	19.18	23.98	6.00	25.18	30.00	Pass
VHT20	MCS0	4	144	5720	1+2+3+4	13.05	13.24	11.24	14.37	19.13	23.03	6.00	25.13	30.00	Pass
VHT40	MCS0	4	102	5510	1+2+3+4	13.95	14.97	15.43	15.82	21.12	23.98	6.00	27.12	30.00	Pass
VHT40	MCS0	4	110	5550	1+2+3+4	13.49	14.44	15.74	16.08	21.08	23.98	6.00	27.08	30.00	Pass
VHT40	MCS0	4	134	5670	1+2+3+4	16.08	15.17	14.43	16.14	21.53	23.98	6.00	27.53	30.00	Pass
VHT40	MCS0	4	142	5710	1+2+3+4	16.29	15.78	14.68	16.81	21.98	23.98	6.00	27.98	30.00	Pass
VHT80	MCS0	4	106	5530	1+2+3+4	13.38	14.24	15.47	15.26	20.69	23.98	6.00	26.69	30.00	Pass
VHT80	MCS0	4	122	5610	1+2+3+4	17.63	16.95	18.17	18.24	23.80	23.98	6.00	29.80	30.00	Pass
VHT80	MCS0	4	138	5690	1+2+3+4	18.50	17.31	17.27	18.52	23.96	23.98	6.00	29.96	30.00	Pass

Report Number : FR811726D

TEST RESULTS DATA
Power Spectral Density

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
11a	6Mbps	1	100	5500	3			0.13		10.96	11.00	3.70		Pass
11a	6Mbps	1	116	5580	3			0.13		10.79	11.00	3.70		Pass
11a	6Mbps	1	140	5700	3			0.13		8.77	11.00	3.70		Pass
11a	6Mbps	1	144	5720	3			0.13		10.99	11.00	3.70		Pass
VHT20	MCS0	1	100	5500	3			0.42		10.33	11.00	3.70		Pass
VHT20	MCS0	1	116	5580	3			0.42		10.74	11.00	3.70		Pass
VHT20	MCS0	1	140	5700	3			0.42		8.16	11.00	3.70		Pass
VHT20	MCS0	1	144	5720	3			0.42		10.63	11.00	3.70		Pass
VHT40	MCS0	1	102	5510	3			0.84		7.81	11.00	3.70		Pass
VHT40	MCS0	1	110	5550	3			0.84		9.60	11.00	3.70		Pass
VHT40	MCS0	1	134	5670	3			0.84		8.09	11.00	3.70		Pass
VHT40	MCS0	1	142	5710	3			0.84		9.96	11.00	3.70		Pass
VHT80	MCS0	1	106	5530	3			0.63		6.03	11.00	3.70		Pass
VHT80	MCS0	1	122	5610	3			0.63		1.51	11.00	3.70		Pass
VHT80	MCS0	1	138	5690	3			0.63		6.69	11.00	3.70		Pass

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/ MHz)	DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
11a	6Mbps	2	100	5500	3+4			0.17	0.17	9.83	10.29	6.71		Pass
11a	6Mbps	2	116	5580	3+4			0.17	0.17	10.20	10.29	6.71		Pass
11a	6Mbps	2	140	5700	3+4			0.17	0.17	10.06	10.29	6.71		Pass
11a	6Mbps	2	144	5720	3+4			0.17	0.17	10.07	10.29	6.71		Pass
VHT20	MCS0	2	100	5500	3+4			0.44	0.42	10.10	10.29	6.71		Pass
VHT20	MCS0	2	116	5580	3+4			0.44	0.42	9.96	10.29	6.71		Pass
VHT20	MCS0	2	140	5700	3+4			0.44	0.42	9.94	10.29	6.71		Pass
VHT20	MCS0	2	144	5720	3+4			0.44	0.42	10.02	10.29	6.71		Pass
VHT40	MCS0	2	102	5510	3+4			0.79	0.85	9.43	10.29	6.71		Pass
VHT40	MCS0	2	110	5550	3+4			0.79	0.85	9.87	10.29	6.71		Pass
VHT40	MCS0	2	134	5670	3+4			0.79	0.85	10.24	10.29	6.71		Pass
VHT40	MCS0	2	142	5710	3+4			0.79	0.85	10.16	10.29	6.71		Pass
VHT80	MCS0	2	106	5530	3+4			0.59	0.63	4.40	10.29	6.71		Pass
VHT80	MCS0	2	122	5610	3+4			0.59	0.63	6.64	10.29	6.71		Pass
VHT80	MCS0	2	138	5690	3+4			0.59	0.63	6.23	10.29	6.71		Pass

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
11a	6Mbps	3	100	5500	2+3+4		0.17	0.17	0.17	7.41	7.77	9.23		Pass
11a	6Mbps	3	116	5580	2+3+4		0.17	0.17	0.17	7.57	7.77	9.23		Pass
11a	6Mbps	3	140	5700	2+3+4		0.17	0.17	0.17	7.64	7.77	9.23		Pass
11a	6Mbps	3	144	5720	2+3+4		0.17	0.17	0.17	7.66	7.77	9.23		Pass
VHT20	MCS0	3	100	5500	2+3+4		0.43	0.43	0.40	7.71	7.77	9.23		Pass
VHT20	MCS0	3	116	5580	2+3+4		0.43	0.43	0.40	7.58	7.77	9.23		Pass
VHT20	MCS0	3	140	5700	2+3+4		0.43	0.43	0.40	7.44	7.77	9.23		Pass
VHT20	MCS0	3	144	5720	2+3+4		0.43	0.43	0.40	7.50	7.77	9.23		Pass
VHT40	MCS0	3	102	5510	2+3+4		0.84	0.84	0.78	7.53	7.77	9.23		Pass
VHT40	MCS0	3	110	5550	2+3+4		0.84	0.84	0.78	7.68	7.77	9.23		Pass
VHT40	MCS0	3	134	5670	2+3+4		0.84	0.84	0.78	7.37	7.77	9.23		Pass
VHT40	MCS0	3	142	5710	2+3+4		0.84	0.84	0.78	7.45	7.77	9.23		Pass
VHT80	MCS0	3	106	5530	2+3+4		0.59	0.63	0.63	2.85	7.77	9.23		Pass
VHT80	MCS0	3	122	5610	2+3+4		0.59	0.63	0.63	5.30	7.77	9.23		Pass
VHT80	MCS0	3	138	5690	2+3+4		0.59	0.63	0.63	4.46	7.77	9.23		Pass

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
11a	6Mbps	4	100	5500	1+2+3+4	0.17	0.17	0.17	0.17	6.03	6.11	10.89		Pass
11a	6Mbps	4	116	5580	1+2+3+4	0.17	0.17	0.17	0.17	6.00	6.11	10.89		Pass
11a	6Mbps	4	140	5700	1+2+3+4	0.17	0.17	0.17	0.17	5.67	6.11	10.89		Pass
11a	6Mbps	4	144	5720	1+2+3+4	0.17	0.17	0.17	0.17	5.63	6.11	10.89		Pass
VHT20	MCS0	4	100	5500	1+2+3+4	0.46	0.44	0.42	0.42	5.85	6.11	10.89		Pass
VHT20	MCS0	4	116	5580	1+2+3+4	0.46	0.44	0.42	0.42	5.80	6.11	10.89		Pass
VHT20	MCS0	4	140	5700	1+2+3+4	0.46	0.44	0.42	0.42	6.02	6.11	10.89		Pass
VHT20	MCS0	4	144	5720	1+2+3+4	0.46	0.44	0.42	0.42	6.01	6.11	10.89		Pass
VHT40	MCS0	4	102	5510	1+2+3+4	0.84	0.84	0.84	0.78	5.73	6.11	10.89		Pass
VHT40	MCS0	4	110	5550	1+2+3+4	0.84	0.84	0.84	0.78	6.03	6.11	10.89		Pass
VHT40	MCS0	4	134	5670	1+2+3+4	0.84	0.84	0.84	0.78	5.61	6.11	10.89		Pass
VHT40	MCS0	4	142	5710	1+2+3+4	0.84	0.84	0.84	0.78	5.95	6.11	10.89		Pass
VHT80	MCS0	4	106	5530	1+2+3+4	0.59	0.63	0.63	0.64	2.30	6.11	10.89		Pass
VHT80	MCS0	4	122	5610	1+2+3+4	0.59	0.63	0.63	0.64	5.36	6.11	10.89		Pass
VHT80	MCS0	4	138	5690	1+2+3+4	0.59	0.63	0.63	0.64	4.78	6.11	10.89		Pass

<For TXBF Mode>

Test Engineer:	Liao Kai	Temperature:	21~25	°C
Test Date:	2018/4/23 ~ 2018/4/26	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				Note
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	
VHT20	MCS0	2	52	5260	21.80	22.10			23.98	23.98			
VHT20	MCS0	2	60	5300	21.35	21.40			23.98	23.98			
VHT20	MCS0	2	64	5320	21.40	21.10			23.98	23.98			
VHT40	MCS0	2	54	5270	40.14	39.87			23.98	23.98			
VHT40	MCS0	2	62	5310	40.41	39.98			23.98	23.98			
VHT80	MCS0	2	58	5290	83.68	83.85			23.98	23.98			

Band II																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	2	52	5260	18.30	18.40			23.62	23.65			29.62	29.65		
VHT20	MCS0	2	60	5300	18.30	18.40			23.62	23.65			29.62	29.65		
VHT20	MCS0	2	64	5320	18.30	18.25			23.62	23.61			29.62	29.61		
VHT40	MCS0	2	54	5270	36.20	36.50			23.98	23.98			30.00	30.00		
VHT40	MCS0	2	62	5310	36.20	36.10			23.98	23.98			30.00	30.00		
VHT80	MCS0	2	58	5290	75.72	75.84			23.98	23.98			30.00	30.00		

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	2	52	5260	1+2	17.00	16.20			19.63	22.81	7.17	26.80	30.00	Pass
HT20	MCS0	2	60	5300	1+2	16.90	16.90			19.91	22.81	7.17	27.08	30.00	Pass
HT20	MCS0	2	64	5320	1+2	16.70	16.70			19.71	22.81	7.17	26.88	30.00	Pass
HT40	MCS0	2	54	5270	1+2	20.00	19.10			22.58	22.81	7.17	29.75	30.00	Pass
HT40	MCS0	2	62	5310	1+2	19.40	19.60			22.51	22.81	7.17	29.68	30.00	Pass
VHT20	MCS0	2	52	5260	1+2	17.00	16.40			19.72	22.81	7.17	26.89	30.00	Pass
VHT20	MCS0	2	60	5300	1+2	16.90	17.00			19.96	22.81	7.17	27.13	30.00	Pass
VHT20	MCS0	2	64	5320	1+2	16.70	16.80			19.76	22.81	7.17	26.93	30.00	Pass
VHT40	MCS0	2	54	5270	1+2	19.80	19.50			22.66	22.81	7.17	29.83	30.00	Pass
VHT40	MCS0	2	62	5310	1+2	19.80	19.40			22.61	22.81	7.17	29.78	30.00	Pass
VHT80	MCS0	2	58	5290	1+2	19.90	18.60			22.31	22.81	7.17	29.48	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	-	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
VHT20	MCS0	2	52	5260	1+2	0.00	0.00			9.81	9.83	7.17		Pass
VHT20	MCS0	2	60	5300	1+2	0.00	0.00			9.79	9.83	7.17		Pass
VHT20	MCS0	2	64	5320	1+2	0.00	0.00			9.74	9.83	7.17		Pass
VHT40	MCS0	2	54	5270	1+2	0.00	0.00			9.22	9.83	7.17		Pass
VHT40	MCS0	2	62	5310	1+2	0.00	0.00			9.80	9.83	7.17		Pass
VHT80	MCS0	2	58	5290	1+2	0.00	0.00			5.17	9.83	7.17		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	2	100	5500			22.15	21.70			23.98	23.98			----	----
VHT20	MCS0	2	116	5580			21.65	21.60			23.98	23.98			----	----
VHT20	MCS0	2	140	5700			21.50	21.80			23.98	23.98			----	----
VHT20	MCS0	2	144	5720			15.85	16.00			23.00	23.04			3.74	3.76
VHT40	MCS0	2	102	5510			40.23	40.41			23.98	23.98			----	----
VHT40	MCS0	2	110	5550			40.50	40.46			23.98	23.98			----	----
VHT40	MCS0	2	134	5670			40.27	40.50			23.98	23.98			----	----
VHT40	MCS0	2	142	5710			35.43	35.25			23.98	23.98			2.52	2.50
VHT80	MCS0	2	106	5530			81.92	82.62			23.98	23.98			----	----
VHT80	MCS0	2	122	5610			82.24	83.44			23.98	23.98			----	----
VHT80	MCS0	2	138	5690			76.28	76.44			23.98	23.98			2.99	3.24

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	3	100	5500		21.55	21.60	21.80		23.98	23.98	23.98		----	----	----
VHT20	MCS0	3	116	5580		21.60	21.95	21.70		23.98	23.98	23.98		----	----	----
VHT20	MCS0	3	140	5700		21.65	21.70	21.75		23.98	23.98	23.98		----	----	----
VHT20	MCS0	3	144	5720		16.05	15.95	15.75		23.05	23.03	22.97		3.74	3.72	3.74
VHT40	MCS0	3	102	5510		39.96	40.50	40.68		23.98	23.98	23.98		----	----	----
VHT40	MCS0	3	110	5550		40.14	40.14	40.50		23.98	23.98	23.98		----	----	----
VHT40	MCS0	3	134	5670		40.32	40.39	40.32		23.98	23.98	23.98		----	----	----
VHT40	MCS0	3	142	5710		35.25	35.16	35.25		23.98	23.98	23.98		2.52	2.47	2.52
VHT80	MCS0	3	106	5530		82.25	83.02	82.36		23.98	23.98	23.98		----	----	----
VHT80	MCS0	3	122	5610		83.20	81.60	82.56		23.98	23.98	23.98		----	----	----
VHT80	MCS0	3	138	5690		75.64	75.48	75.80		23.98	23.98	23.98		2.50	2.68	3.16

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	26 dB Bandwidth (MHz)				FCC 26dB Bandwidth Power Limit (dBm)				6 dB Bandwidth for Straddle Channel (MHz)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	4	100	5500	21.35	21.65	21.55	22.05	23.98	23.98	23.98	23.98	----	----	----	----
VHT20	MCS0	4	116	5580	21.80	21.80	21.80	21.80	23.98	23.98	23.98	23.98	----	----	----	----
VHT20	MCS0	4	140	5700	22.15	21.90	21.85	21.70	23.98	23.98	23.98	23.98	----	----	----	----
VHT20	MCS0	4	144	5720	16.10	15.95	15.85	15.95	23.07	23.03	23.00	23.03	3.73	3.78	3.74	3.73
VHT40	MCS0	4	102	5510	40.23	40.45	40.09	40.56	23.98	23.98	23.98	23.98	----	----	----	----
VHT40	MCS0	4	110	5550	40.50	40.32	40.14	40.91	23.98	23.98	23.98	23.98	----	----	----	----
VHT40	MCS0	4	134	5670	40.24	40.63	40.32	40.50	23.98	23.98	23.98	23.98	----	----	----	----
VHT40	MCS0	4	142	5710	35.34	35.80	35.34	35.34	23.98	23.98	23.98	23.98	2.60	2.48	3.16	2.52
VHT80	MCS0	4	106	5530	84.07	81.60	81.49	82.24	23.98	23.98	23.98	23.98	----	----	----	----
VHT80	MCS0	4	122	5610	82.24	82.28	82.24	83.28	23.98	23.98	23.98	23.98	----	----	----	----
VHT80	MCS0	4	138	5690	75.80	75.80	75.55	75.80	23.98	23.98	23.98	23.98	2.84	2.92	2.84	3.26

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	2	100	5500			18.30	18.30			23.62	23.62			29.62	29.62
VHT20	MCS0	2	116	5580			18.25	18.30			23.61	23.62			29.61	29.62
VHT20	MCS0	2	140	5700			18.35	18.35			23.64	23.64			29.64	29.64
VHT20	MCS0	2	144	5720			14.25	14.15			22.54	22.51			28.54	28.51
VHT40	MCS0	2	102	5510			36.30	36.20			23.98	23.98			30.00	30.00
VHT40	MCS0	2	110	5550			36.10	36.20			23.98	23.98			30.00	30.00
VHT40	MCS0	2	134	5670			36.40	36.50			23.98	23.98			30.00	30.00
VHT40	MCS0	2	142	5710			33.20	33.10			23.98	23.98			30.00	30.00
VHT80	MCS0	2	106	5530			75.36	75.96			23.98	23.98			30.00	30.00
VHT80	MCS0	2	122	5610			75.84	75.84			23.98	23.98			30.00	30.00
VHT80	MCS0	2	138	5690			72.80	73.04			23.98	23.98			30.00	30.00

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	3	100	5500		18.35	18.45	18.30		23.64	23.66	23.62		29.64	29.66	29.62
VHT20	MCS0	3	116	5580		18.25	18.45	18.30		23.61	23.66	23.62		29.61	29.66	29.62
VHT20	MCS0	3	140	5700		18.30	18.30	18.45		23.62	23.62	23.66		29.62	29.62	29.66
VHT20	MCS0	3	144	5720		14.30	14.25	14.15		22.55	22.54	22.51		28.55	28.54	28.51
VHT40	MCS0	3	102	5510		36.20	36.60	36.30		23.98	23.98	23.98		30.00	30.00	30.00
VHT40	MCS0	3	110	5550		36.20	36.40	36.60		23.98	23.98	23.98		30.00	30.00	30.00
VHT40	MCS0	3	134	5670		36.30	36.50	36.40		23.98	23.98	23.98		30.00	30.00	30.00
VHT40	MCS0	3	142	5710		33.10	33.20	33.10		23.98	23.98	23.98		30.00	30.00	30.00
VHT80	MCS0	3	106	5530		75.96	75.96	75.60		23.98	23.98	23.98		30.00	30.00	30.00
VHT80	MCS0	3	122	5610		76.08	76.20	75.84		23.98	23.98	23.98		30.00	30.00	30.00
VHT80	MCS0	3	138	5690		73.16	72.80	72.80		23.98	23.98	23.98		30.00	30.00	30.00

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)				IC 99% Bandwidth Power Limit (dBm)				IC 99% Bandwidth EIRP Limit (dBm)			
					Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4	Ant 1	Ant 2	Ant 3	Ant 4
VHT20	MCS0	4	100	5500	18.20	18.25	18.25	17.90	23.60	23.61	23.61	23.53	29.60	29.61	29.61	29.53
VHT20	MCS0	4	116	5580	18.45	18.45	18.36	18.30	23.66	23.66	23.64	23.62	29.66	29.66	29.64	29.62
VHT20	MCS0	4	140	5700	18.55	18.35	18.35	18.30	23.68	23.64	23.64	23.62	29.68	29.64	29.64	29.62
VHT20	MCS0	4	144	5720	14.35	14.35	14.25	14.20	22.57	22.57	22.54	22.52	28.57	28.57	28.54	28.52
VHT40	MCS0	4	102	5510	36.40	36.30	36.20	36.20	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT40	MCS0	4	110	5550	36.00	36.10	36.20	36.50	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT40	MCS0	4	134	5670	36.40	36.30	36.30	36.30	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT40	MCS0	4	142	5710	33.20	33.10	33.20	33.10	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT80	MCS0	4	106	5530	76.32	75.96	75.84	75.84	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT80	MCS0	4	122	5610	75.84	75.96	76.32	76.20	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00
VHT80	MCS0	4	138	5690	72.92	72.80	72.80	72.92	23.98	23.98	23.98	23.98	30.00	30.00	30.00	30.00

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	2	100	5500	3+4			17.90	18.40	21.17	23.27	6.71	27.88	30.00	Pass
HT20	MCS0	2	116	5580	3+4			17.80	17.90	20.86	23.27	6.71	27.57	30.00	Pass
HT20	MCS0	2	140	5700	3+4			17.30	18.70	21.07	23.27	6.71	27.78	30.00	Pass
HT20	MCS0	2	144	5720	3+4			16.40	19.20	21.03	22.29	6.71	27.74	30.00	Pass
HT40	MCS0	2	102	5510	3+4			19.80	20.30	23.07	23.27	6.71	29.78	30.00	Pass
HT40	MCS0	2	110	5550	3+4			20.10	20.00	23.06	23.27	6.71	29.77	30.00	Pass
HT40	MCS0	2	134	5670	3+4			19.30	20.20	22.78	23.27	6.71	29.49	30.00	Pass
HT40	MCS0	2	142	5710	3+4			19.00	20.10	22.60	23.27	6.71	29.31	30.00	Pass
VHT20	MCS0	2	100	5500	3+4			17.90	18.50	21.22	23.27	6.71	27.93	30.00	Pass
VHT20	MCS0	2	116	5580	3+4			17.80	18.00	20.91	23.27	6.71	27.62	30.00	Pass
VHT20	MCS0	2	140	5700	3+4			17.30	18.80	21.12	23.27	6.71	27.84	30.00	Pass
VHT20	MCS0	2	144	5720	3+4			16.40	19.30	21.10	22.29	6.71	27.81	30.00	Pass
VHT40	MCS0	2	102	5510	3+4			19.90	20.50	23.22	23.27	6.71	29.93	30.00	Pass
VHT40	MCS0	2	110	5550	3+4			20.20	20.20	23.21	23.27	6.71	29.92	30.00	Pass
VHT40	MCS0	2	134	5670	3+4			19.40	20.50	23.00	23.27	6.71	29.71	30.00	Pass
VHT40	MCS0	2	142	5710	3+4			19.10	20.20	22.70	23.27	6.71	29.41	30.00	Pass
VHT80	MCS0	2	106	5530	3+4			20.00	20.20	23.11	23.27	6.71	29.82	30.00	Pass
VHT80	MCS0	2	122	5610	3+4			19.70	20.20	22.97	23.27	6.71	29.68	30.00	Pass
VHT80	MCS0	2	138	5690	3+4			19.10	20.70	22.98	23.27	6.71	29.69	30.00	Pass

FCC Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	3	100	5500	2+3+4		13.80	13.80	14.50	18.82	20.75	9.23	28.05	30.00	Pass
HT20	MCS0	3	116	5580	2+3+4		12.40	13.80	13.90	18.19	20.75	9.23	27.42	30.00	Pass
HT20	MCS0	3	140	5700	2+3+4		12.90	12.10	13.80	17.76	20.75	9.23	26.99	30.00	Pass
HT20	MCS0	3	144	5720	2+3+4		14.10	12.30	15.20	18.80	20.75	9.23	28.03	30.00	Pass
HT40	MCS0	3	102	5510	2+3+4		15.40	15.70	16.30	20.59	20.75	9.23	29.82	30.00	Pass
HT40	MCS0	3	110	5550	2+3+4		14.70	16.00	16.20	20.45	20.75	9.23	29.68	30.00	Pass
HT40	MCS0	3	134	5670	2+3+4		15.80	14.80	16.60	20.57	20.75	9.23	29.80	30.00	Pass
HT40	MCS0	3	142	5710	2+3+4		15.20	14.10	16.10	19.98	20.75	9.23	29.21	30.00	Pass
VHT20	MCS0	3	100	5500	2+3+4		13.90	13.80	14.60	18.89	20.75	9.23	28.12	30.00	Pass
VHT20	MCS0	3	116	5580	2+3+4		12.50	13.80	14.00	18.25	20.75	9.23	27.48	30.00	Pass
VHT20	MCS0	3	140	5700	2+3+4		13.00	12.10	13.90	17.83	20.75	9.23	27.06	30.00	Pass
VHT20	MCS0	3	144	5720	2+3+4		14.20	12.30	15.30	18.87	19.74	9.23	28.10	30.00	Pass
VHT40	MCS0	3	102	5510	2+3+4		15.50	15.80	16.50	20.73	20.75	9.23	29.95	30.00	Pass
VHT40	MCS0	3	110	5550	2+3+4		14.80	16.10	16.40	20.59	20.75	9.23	29.82	30.00	Pass
VHT40	MCS0	3	134	5670	2+3+4		15.90	14.90	16.80	20.71	20.75	9.23	29.94	30.00	Pass
VHT40	MCS0	3	142	5710	2+3+4		15.30	14.20	16.30	20.12	20.75	9.23	29.35	30.00	Pass
VHT80	MCS0	3	106	5530	2+3+4		14.80	15.90	16.10	20.41	20.75	9.23	29.64	30.00	Pass
VHT80	MCS0	3	122	5610	2+3+4		15.10	16.30	16.40	20.74	20.75	9.23	29.97	30.00	Pass
VHT80	MCS0	3	138	5690	2+3+4		16.00	15.00	16.70	20.73	20.75	9.23	29.96	30.00	Pass

FCC Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)					FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 3	Ant 4	SUM					
HT20	MCS0	4	100	5500	1+2+3+4	10.60	11.10	11.80	11.80	17.37	19.09	10.89	28.27	30.00	Pass
HT20	MCS0	4	116	5580	1+2+3+4	9.80	9.80	10.70	11.00	16.38	19.09	10.89	27.27	30.00	Pass
HT20	MCS0	4	140	5700	1+2+3+4	11.40	10.20	9.40	10.90	16.56	19.09	10.89	27.45	30.00	Pass
HT20	MCS0	4	144	5720	1+2+3+4	11.60	11.60	9.40	12.20	17.34	19.09	10.89	28.23	30.00	Pass
HT40	MCS0	4	102	5510	1+2+3+4	12.00	12.40	13.20	13.20	18.75	19.09	10.89	29.64	30.00	Pass
HT40	MCS0	4	110	5550	1+2+3+4	11.60	11.90	12.30	13.00	18.25	19.09	10.89	29.14	30.00	Pass
HT40	MCS0	4	134	5670	1+2+3+4	13.90	12.40	11.60	13.50	18.96	19.09	10.89	29.85	30.00	Pass
HT40	MCS0	4	142	5710	1+2+3+4	13.30	12.70	11.40	13.60	18.85	19.09	10.89	29.74	30.00	Pass
VHT20	MCS0	4	100	5500	1+2+3+4	10.70	11.20	11.80	11.90	17.45	19.09	10.89	28.34	30.00	Pass
VHT20	MCS0	4	116	5580	1+2+3+4	9.90	9.90	10.70	11.10	16.45	19.09	10.89	27.34	30.00	Pass
VHT20	MCS0	4	140	5700	1+2+3+4	11.40	10.30	9.40	11.00	16.61	19.09	10.89	27.50	30.00	Pass
VHT20	MCS0	4	144	5720	1+2+3+4	11.70	11.60	9.40	12.30	17.40	18.11	10.89	28.29	30.00	Pass
VHT40	MCS0	4	102	5510	1+2+3+4	12.10	12.40	13.30	13.40	18.86	19.09	10.89	29.75	30.00	Pass
VHT40	MCS0	4	110	5550	1+2+3+4	11.70	11.90	12.40	13.20	18.36	19.09	10.89	29.25	30.00	Pass
VHT40	MCS0	4	134	5670	1+2+3+4	14.00	12.40	11.70	13.70	19.07	19.09	10.89	29.96	30.00	Pass
VHT40	MCS0	4	142	5710	1+2+3+4	13.40	12.70	11.50	13.80	18.95	19.09	10.89	29.85	30.00	Pass
VHT80	MCS0	4	106	5530	1+2+3+4	12.20	12.50	13.20	13.50	18.90	19.09	10.89	29.79	30.00	Pass
VHT80	MCS0	4	122	5610	1+2+3+4	12.30	11.70	12.20	13.40	18.47	19.09	10.89	29.36	30.00	Pass
VHT80	MCS0	4	138	5690	1+2+3+4	12.80	12.30	10.90	13.50	18.50	19.09	10.89	29.39	30.00	Pass

TEST RESULTS DATA
Power Spectral Density

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	-	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
VHT20	MCS0	2	100	5500	3+4			0.00	0.00	9.91	10.29	6.71		Pass
VHT20	MCS0	2	116	5580	3+4			0.00	0.00	9.92	10.29	6.71		Pass
VHT20	MCS0	2	140	5700	3+4			0.00	0.00	10.21	10.29	6.71		Pass
VHT20	MCS0	2	144	5720	3+4			0.00	0.00	10.05	10.29	6.71		Pass
VHT40	MCS0	2	102	5510	3+4			0.00	0.00	8.66	10.29	6.71		Pass
VHT40	MCS0	2	110	5550	3+4			0.00	0.00	8.71	10.29	6.71		Pass
VHT40	MCS0	2	134	5670	3+4			0.00	0.00	8.77	10.29	6.71		Pass
VHT40	MCS0	2	142	5710	3+4			0.00	0.00	8.89	10.29	6.71		Pass
VHT80	MCS0	2	106	5530	3+4			0.00	0.00	5.62	10.29	6.71		Pass
VHT80	MCS0	2	122	5610	3+4			0.00	0.00	4.61	10.29	6.71		Pass
VHT80	MCS0	2	138	5690	3+4			0.00	0.00	5.13	10.29	6.71		Pass

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	-	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
VHT20	MCS0	3	100	5500	2+3+4		0.00	0.00	0.00	7.29	7.77	9.23		Pass
VHT20	MCS0	3	116	5580	2+3+4		0.00	0.00	0.00	7.45	7.77	9.23		Pass
VHT20	MCS0	3	140	5700	2+3+4		0.00	0.00	0.00	7.15	7.77	9.23		Pass
VHT20	MCS0	3	144	5720	2+3+4		0.00	0.00	0.00	7.71	7.77	9.23		Pass
VHT40	MCS0	3	102	5510	2+3+4		0.00	0.00	0.00	6.78	7.77	9.23		Pass
VHT40	MCS0	3	110	5550	2+3+4		0.00	0.00	0.00	6.10	7.77	9.23		Pass
VHT40	MCS0	3	134	5670	2+3+4		0.00	0.00	0.00	6.49	7.77	9.23		Pass
VHT40	MCS0	3	142	5710	2+3+4		0.00	0.00	0.00	5.24	7.77	9.23		Pass
VHT80	MCS0	3	106	5530	2+3+4		0.00	0.00	0.00	3.43	7.77	9.23		Pass
VHT80	MCS0	3	122	5610	2+3+4		0.00	0.00	0.00	4.36	7.77	9.23		Pass
VHT80	MCS0	3	138	5690	2+3+4		0.00	0.00	0.00	4.07	7.77	9.23		Pass

Band III														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Ant	Duty Factor (dB)				Average PSD with Duty Factor (dBm/MHz)	PSD Limit (dBm/MHz)	DG (dBi)	-	Pass /Fail
						Ant 1	Ant 2	Ant 3	Ant 4					
VHT20	MCS0	4	100	5500	1+2+3+4	0.00	0.00	0.00	0.00	5.76	6.11	10.89		Pass
VHT20	MCS0	4	116	5580	1+2+3+4	0.00	0.00	0.00	0.00	5.51	6.11	10.89		Pass
VHT20	MCS0	4	140	5700	1+2+3+4	0.00	0.00	0.00	0.00	5.73	6.11	10.89		Pass
VHT20	MCS0	4	144	5720	1+2+3+4	0.00	0.00	0.00	0.00	5.72	6.11	10.89		Pass
VHT40	MCS0	4	102	5510	1+2+3+4	0.00	0.00	0.00	0.00	3.77	6.11	10.89		Pass
VHT40	MCS0	4	110	5550	1+2+3+4	0.00	0.00	0.00	0.00	3.20	6.11	10.89		Pass
VHT40	MCS0	4	134	5670	1+2+3+4	0.00	0.00	0.00	0.00	4.28	6.11	10.89		Pass
VHT40	MCS0	4	142	5710	1+2+3+4	0.00	0.00	0.00	0.00	3.73	6.11	10.89		Pass
VHT80	MCS0	4	106	5530	1+2+3+4	0.00	0.00	0.00	0.00	1.33	6.11	10.89		Pass
VHT80	MCS0	4	122	5610	1+2+3+4	0.00	0.00	0.00	0.00	0.29	6.11	10.89		Pass
VHT80	MCS0	4	138	5690	1+2+3+4	0.00	0.00	0.00	0.00	1.13	6.11	10.89		Pass

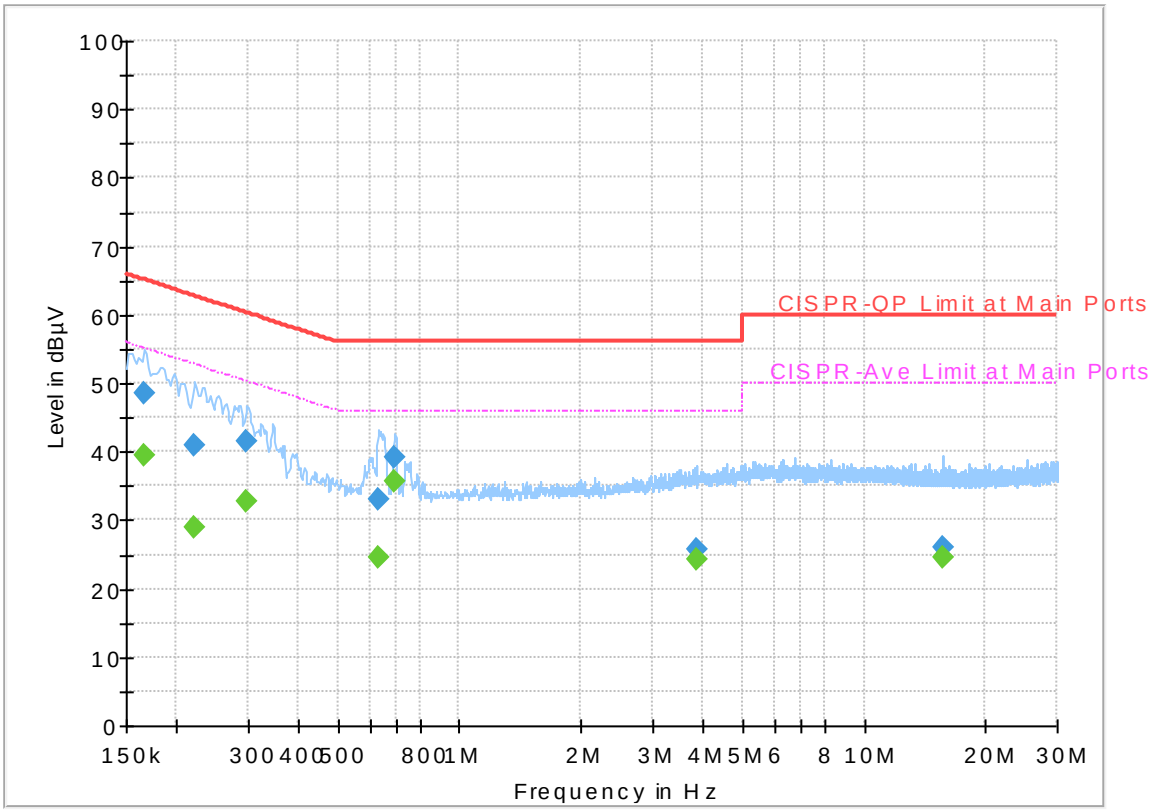
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Shareef Yu	**Temperature :**	22~24℃
		Relative Humidity :	58~62%

EUT Information

Report NO :	811726
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



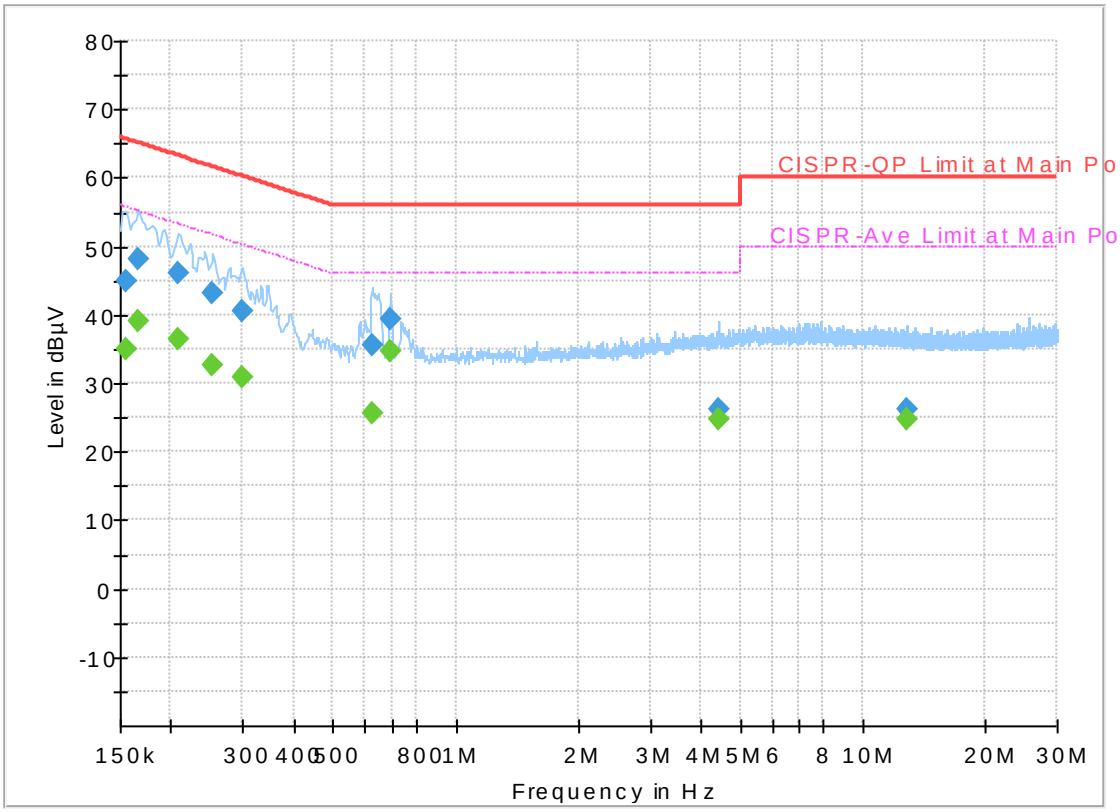
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	48.49	---	65.17	16.68	L1	OFF	19.5
0.165750	---	39.49	55.17	15.68	L1	OFF	19.5
0.222000	40.84	---	62.74	21.90	L1	OFF	19.5
0.222000	---	28.85	52.74	23.89	L1	OFF	19.5
0.298500	41.54	---	60.28	18.74	L1	OFF	19.5
0.298500	---	32.70	50.28	17.58	L1	OFF	19.5
0.633750	32.91	---	56.00	23.09	L1	OFF	19.5
0.633750	---	24.52	46.00	21.48	L1	OFF	19.5
0.692250	39.32	---	56.00	16.68	L1	OFF	19.5
0.692250	---	35.54	46.00	10.46	L1	OFF	19.5
3.864750	25.71	---	56.00	30.29	L1	OFF	19.6
3.864750	---	24.29	46.00	21.71	L1	OFF	19.6
15.609750	26.16	---	60.00	33.84	L1	OFF	19.8
15.609750	---	24.57	50.00	25.43	L1	OFF	19.8

EUT Information

Report NO :	811726
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	44.98	---	65.75	20.77	N	OFF	19.5
0.154500	---	35.02	55.75	20.73	N	OFF	19.5
0.165750	48.03	---	65.17	17.14	N	OFF	19.5
0.165750	---	38.98	55.17	16.19	N	OFF	19.5
0.208500	45.95	---	63.27	17.32	N	OFF	19.5
0.208500	---	36.56	53.27	16.71	N	OFF	19.5
0.253500	43.10	---	61.64	18.54	N	OFF	19.5
0.253500	---	32.70	51.64	18.94	N	OFF	19.5
0.298500	40.41	---	60.28	19.87	N	OFF	19.5
0.298500	---	31.00	50.28	19.28	N	OFF	19.5
0.624750	35.63	---	56.00	20.37	N	OFF	19.5
0.624750	---	25.62	46.00	20.38	N	OFF	19.5
0.690000	39.34	---	56.00	16.66	N	OFF	19.5
0.690000	---	34.68	46.00	11.32	N	OFF	19.5
4.418250	26.14	---	56.00	29.86	N	OFF	19.6
4.418250	---	24.69	46.00	21.31	N	OFF	19.6
12.808500	26.24	---	60.00	33.76	N	OFF	19.8
12.808500	---	24.76	50.00	25.24	N	OFF	19.8

Appendix C. Radiated Spurious Emission

Test Engineer :	Alex Jheng, Chen Fu, Wilson Wu, and Bill Chang	Temperature :	22~25°C
		Relative Humidity :	52~57%

<Single Mode>

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable 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		5119	51.66	-22.34	74	41.94	31.94	7.33	29.55	347	103	P	H
		5136	42.62	-11.38	54	32.87	31.96	7.34	29.55	347	103	A	H
	*	5260	115.35	-	-	105.38	32.12	7.41	29.56	347	103	P	H
	*	5260	107.28	-	-	97.31	32.12	7.41	29.56	347	103	A	H
		5351.28	52.17	-21.83	74	42.06	32.22	7.46	29.57	347	103	P	H
		5350.56	41.86	-12.14	54	31.75	32.22	7.46	29.57	347	103	A	H
		5129.54	50	-24	74	40.25	31.96	7.34	29.55	387	355	P	V
		5136	41.74	-12.26	54	31.99	31.96	7.34	29.55	387	355	A	V
	*	5260	116.58	-	-	106.61	32.12	7.41	29.56	387	355	P	V
	*	5260	108.34	-	-	98.37	32.12	7.41	29.56	387	355	A	V
		5350.08	51.76	-22.24	74	41.65	32.22	7.46	29.57	387	355	P	V
		5350.8	42.63	-11.37	54	32.52	32.22	7.46	29.57	387	355	A	V

802.11a CH 60 5300MHz		5061.2	52.38	-21.62	74	42.74	31.88	7.3	29.54	400	101	P	H
		5136	42.81	-11.19	54	33.06	31.96	7.34	29.55	400	101	A	H
	*	5300	114.09	-	-	104.07	32.16	7.43	29.57	400	101	P	H
	*	5300	105.88	-	-	95.86	32.16	7.43	29.57	400	101	A	H
		5351.28	52.77	-21.23	74	42.66	32.22	7.46	29.57	400	101	P	H
		5350.08	45.13	-8.87	54	35.02	32.22	7.46	29.57	400	101	A	H
		5070.38	52.23	-21.77	74	42.59	31.88	7.3	29.54	400	1	P	V
		5136	41.86	-12.14	54	32.11	31.96	7.34	29.55	400	1	A	V
	*	5300	116.46	-	-	106.44	32.16	7.43	29.57	400	1	P	V
	*	5300	107.23	-	-	97.21	32.16	7.43	29.57	400	1	A	V
		5350.08	56.36	-17.64	74	46.25	32.22	7.46	29.57	400	1	P	V
		5350.08	47.72	-6.28	54	37.61	32.22	7.46	29.57	400	1	A	V
802.11a CH 64 5320MHz	*	5320	112.61	-	-	102.56	32.18	7.44	29.57	394	47	P	H
	*	5320	104.87	-	-	94.82	32.18	7.44	29.57	394	47	A	H
		5350.08	58.52	-15.48	74	48.41	32.22	7.46	29.57	394	47	P	H
		5350.24	49.74	-4.26	54	39.63	32.22	7.46	29.57	394	47	A	H
													H
													H
	*	5320	113.65	-	-	103.6	32.18	7.44	29.57	376	7	P	V
	*	5320	105.77	-	-	95.72	32.18	7.44	29.57	376	7	A	V
		5350.4	63.02	-10.98	74	52.91	32.22	7.46	29.57	376	7	P	V
		5350.08	50.68	-3.32	54	40.57	32.22	7.46	29.57	376	7	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	51.87	-16.33	68.2	57.94	39.52	11.4	56.99	100	0	P	H
		15780	63.39	-10.61	74	68.17	37.68	13.87	56.33	259	62	P	H
		15780	52.25	-1.75	54	57.03	37.68	13.87	56.33	259	62	A	H
													H
		10520	51.67	-16.53	68.2	57.74	39.52	11.4	56.99	100	0	P	V
		15780	61.46	-12.54	74	66.24	37.68	13.87	56.33	293	312	P	V
		15780	51.1	-2.9	54	55.88	37.68	13.87	56.33	293	312	A	V
													V
802.11a CH 60 5300MHz		10600	49.89	-24.11	74	55.75	39.62	11.44	56.92	100	0	P	H
		15900	63.09	-10.91	74	68.05	37.37	13.93	56.26	288	63	P	H
		15900	51.83	-2.17	54	56.79	37.37	13.93	56.26	288	63	A	H
													H
		10600	49.7	-24.3	74	55.56	39.62	11.44	56.92	100	0	P	V
		15900	60.39	-13.61	74	65.35	37.37	13.93	56.26	371	303	P	V
		15900	49.71	-4.29	54	54.67	37.37	13.93	56.26	371	303	A	V
													V
802.11a CH 64 5320MHz		10640	47.79	-26.21	74	53.55	39.67	11.46	56.89	100	0	P	H
		15960	57.43	-16.57	74	62.51	37.19	13.95	56.22	253	67	P	H
		15960	43.82	-10.18	54	48.9	37.19	13.95	56.22	253	67	A	H
													H
		10640	46.44	-27.56	74	52.2	39.67	11.46	56.89	100	0	P	V
		15960	55.78	-18.22	74	60.86	37.19	13.95	56.22	215	325	P	V
		15960	43.29	-10.71	54	48.37	37.19	13.95	56.22	215	325	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5106.08	53.22	-20.78	74	43.5	31.94	7.32	29.54	367	99	P	H
		5136	42.37	-11.63	54	32.62	31.96	7.34	29.55	367	99	A	H
	*	5260	115.74	-	-	105.77	32.12	7.41	29.56	367	99	P	H
	*	5260	107	-	-	97.03	32.12	7.41	29.56	367	99	A	H
802.11ac		5352.96	50.78	-23.22	74	40.67	32.22	7.46	29.57	367	99	P	H
VHT20		5350.8	42.04	-11.96	54	31.93	32.22	7.46	29.57	367	99	A	H
CH 52		5100.3	52.16	-21.84	74	42.46	31.92	7.32	29.54	389	348	P	V
5260MHz		5136	41.9	-12.1	54	32.15	31.96	7.34	29.55	389	348	A	V
	*	5260	116.63	-	-	106.66	32.12	7.41	29.56	389	348	P	V
	*	5260	107.58	-	-	97.61	32.12	7.41	29.56	389	348	A	V
		5356.32	51.08	-22.92	74	40.97	32.22	7.46	29.57	389	348	P	V
		5350.08	42.61	-11.39	54	32.5	32.22	7.46	29.57	389	348	A	V
		5047.6	50.74	-23.26	74	41.13	31.86	7.29	29.54	359	99	P	H
		5136	42.42	-11.58	54	32.67	31.96	7.34	29.55	359	99	A	H
	*	5300	114.36	-	-	104.34	32.16	7.43	29.57	359	99	P	H
	*	5300	105.78	-	-	95.76	32.16	7.43	29.57	359	99	A	H
802.11ac		5351.76	51.75	-22.25	74	41.64	32.22	7.46	29.57	359	99	P	H
VHT20		5350.08	45.38	-8.62	54	35.27	32.22	7.46	29.57	359	99	A	H
CH 60		5128.86	51.65	-22.35	74	41.9	31.96	7.34	29.55	400	2	P	V
5300MHz		5136	41.4	-12.6	54	31.65	31.96	7.34	29.55	400	2	A	V
	*	5300	115.35	-	-	105.33	32.16	7.43	29.57	400	2	P	V
	*	5300	106.5	-	-	96.48	32.16	7.43	29.57	400	2	A	V
		5350.8	56.42	-17.58	74	46.31	32.22	7.46	29.57	400	2	P	V
		5350.08	47.51	-6.49	54	37.4	32.22	7.46	29.57	400	2	A	V

	*	5320	112.17	-	-	102.12	32.18	7.44	29.57	373	130	P	H
	*	5320	104.05	-	-	94	32.18	7.44	29.57	373	130	A	H
		5351.2	57	-17	74	46.89	32.22	7.46	29.57	373	130	P	H
		5350.08	48.64	-5.36	54	38.53	32.22	7.46	29.57	373	130	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	113.61	-	-	103.56	32.18	7.44	29.57	376	10	P	V
5320MHz	*	5320	105.53	-	-	95.48	32.18	7.44	29.57	376	10	A	V
		5351.52	61.89	-12.11	74	51.78	32.22	7.46	29.57	376	10	P	V
		5350.08	50.55	-3.45	54	40.44	32.22	7.46	29.57	376	10	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	51.48	-16.72	68.2	57.55	39.52	11.4	56.99	100	0	P	H
		15780	62.8	-11.2	74	67.58	37.68	13.87	56.33	256	61	P	H
802.11ac		15780	52.31	-1.69	54	57.09	37.68	13.87	56.33	256	61	A	H
VHT20													H
CH 52		10520	52.23	-15.97	68.2	58.3	39.52	11.4	56.99	100	0	P	V
5260MHz		15780	61.49	-12.51	74	66.27	37.68	13.87	56.33	255	308	P	V
		15780	50.93	-3.07	54	55.71	37.68	13.87	56.33	255	308	A	V
													V
		10600	49.32	-24.68	74	55.18	39.62	11.44	56.92	100	0	P	H
		15900	61.95	-12.05	74	66.91	37.37	13.93	56.26	294	63	P	H
802.11ac		15900	51.2	-2.8	54	56.16	37.37	13.93	56.26	294	63	A	H
VHT20													H
CH 60		10600	52.71	-21.29	74	58.57	39.62	11.44	56.92	154	18	P	V
5300MHz		10600	42.08	-11.92	54	47.94	39.62	11.44	56.92	154	18	A	V
		15900	60.86	-13.14	74	65.82	37.37	13.93	56.26	372	307	P	V
		15900	49.02	-4.98	54	53.98	37.37	13.93	56.26	372	307	A	V
		10640	47.93	-26.07	74	53.69	39.67	11.46	56.89	100	0	P	H
		15960	57.43	-16.57	74	62.51	37.19	13.95	56.22	286	65	P	H
802.11ac		15960	43.59	-10.41	54	48.67	37.19	13.95	56.22	286	65	A	H
VHT20													H
CH 64		10640	47.49	-26.51	74	53.25	39.67	11.46	56.89	100	0	P	V
5320MHz		15960	56.48	-17.52	74	61.56	37.19	13.95	56.22	392	301	P	V
		15960	41.95	-12.05	54	47.03	37.19	13.95	56.22	392	301	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5143.48	57.51	-16.49	74	47.73	31.98	7.35	29.55	349	104	P	H
		5148.92	46.11	-7.89	54	36.33	31.98	7.35	29.55	349	104	A	H
	*	5270	111.29	-	-	101.31	32.12	7.42	29.56	349	104	P	H
	*	5270	102.99	-	-	93.01	32.12	7.42	29.56	349	104	A	H
802.11ac		5352.72	57.7	-16.3	74	47.59	32.22	7.46	29.57	349	104	P	H
VHT40		5350.32	49.56	-4.44	54	39.45	32.22	7.46	29.57	349	104	A	H
CH 54		5148.24	55.03	-18.97	74	45.25	31.98	7.35	29.55	384	0	P	V
5270MHz		5149.94	44.18	-9.82	54	34.4	31.98	7.35	29.55	384	0	A	V
	*	5270	112.08	-	-	102.1	32.12	7.42	29.56	384	0	P	V
	*	5270	103.98	-	-	94	32.12	7.42	29.56	384	0	A	V
		5352.48	59.44	-14.56	74	49.33	32.22	7.46	29.57	384	0	P	V
		5350.32	51.75	-2.25	54	41.64	32.22	7.46	29.57	384	0	A	V
		5038.42	52.78	-21.22	74	43.16	31.86	7.29	29.53	399	101	P	H
		5136	43.46	-10.54	54	33.71	31.96	7.34	29.55	399	101	A	H
	*	5310	106.91	-	-	96.86	32.18	7.44	29.57	399	101	P	H
	*	5310	99.31	-	-	89.26	32.18	7.44	29.57	399	101	A	H
802.11ac		5352.24	58.53	-15.47	74	48.42	32.22	7.46	29.57	399	101	P	H
VHT40		5350.56	48.36	-5.64	54	38.25	32.22	7.46	29.57	399	101	A	H
CH 62		5068	51.97	-22.03	74	42.33	31.88	7.3	29.54	397	3	P	V
5310MHz		5071.06	41.91	-12.09	54	32.26	31.88	7.31	29.54	397	3	A	V
	*	5310	108.77	-	-	98.72	32.18	7.44	29.57	397	3	P	V
	*	5310	101.77	-	-	91.72	32.18	7.44	29.57	397	3	A	V
		5354.4	62.57	-11.43	74	52.46	32.22	7.46	29.57	397	3	P	V
		5350.56	51.6	-2.4	54	41.49	32.22	7.46	29.57	397	3	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	49.43	-18.77	68.2	55.45	39.54	11.41	56.97	100	0	P	H
		15810	57.32	-16.68	74	62.15	37.59	13.89	56.31	263	62	P	H
802.11ac		15810	48.19	-5.81	54	53.02	37.59	13.89	56.31	263	62	A	H
VHT40													H
CH 54		10540	50.35	-17.85	68.2	56.37	39.54	11.41	56.97	100	0	P	V
5270MHz		15810	55.55	-18.45	74	60.38	37.59	13.89	56.31	356	308	P	V
		15810	46.23	-7.77	54	51.06	37.59	13.89	56.31	356	308	A	V
													V
		10620	46.2	-27.8	74	52.01	39.64	11.45	56.9	100	0	P	H
		15930	45.89	-28.11	74	50.9	37.28	13.95	56.24	100	0	P	H
802.11ac													H
VHT40													H
CH 62		10620	46.3	-27.7	74	52.11	39.64	11.45	56.9	100	0	P	V
5310MHz		15930	45.83	-28.17	74	50.84	37.28	13.95	56.24	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5131.92	52.05	-21.95	74	42.3	31.96	7.34	29.55	339	98	P	H
		5136	43.59	-10.41	54	33.84	31.96	7.34	29.55	339	98	A	H
	*	5290	104	-	-	93.99	32.14	7.43	29.56	339	98	P	H
	*	5290	96.31	-	-	86.3	32.14	7.43	29.56	339	98	A	H
		5364.72	55.06	-18.94	74	44.92	32.24	7.47	29.57	339	98	P	H
		5350.08	48.84	-5.16	54	38.73	32.22	7.46	29.57	339	98	A	H
		5034.34	52.1	-21.9	74	42.51	31.84	7.28	29.53	397	8	P	V
		5148.58	42.19	-11.81	54	32.41	31.98	7.35	29.55	397	8	A	V
	*	5290	105.49	-	-	95.48	32.14	7.43	29.56	397	8	P	V
	*	5290	97.54	-	-	87.53	32.14	7.43	29.56	397	8	A	V
		5352.96	59.81	-14.19	74	49.7	32.22	7.46	29.57	397	8	P	V
		5350.56	50.92	-3.08	54	40.81	32.22	7.46	29.57	397	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	46.34	-21.86	68.2	52.24	39.6	11.43	56.93	100	0	P	H
		15870	45.2	-28.8	74	50.15	37.41	13.91	56.27	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	47.33	-20.87	68.2	53.23	39.6	11.43	56.93	100	0	P	V
5290MHz		15870	45.76	-28.24	74	50.71	37.41	13.91	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

<Single Mode>

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5459.28	53.19	-20.81	74	42.9	32.34	7.54	29.59	235	163	P	H
		5470	63.06	-5.14	68.2	52.73	32.36	7.56	29.59	235	163	P	H
		5459.76	42.5	-11.5	54	32.21	32.34	7.54	29.59	235	163	A	H
	*	5500	110.18	-	-	99.79	32.4	7.58	29.59	235	163	P	H
	*	5500	102.12	-	-	91.73	32.4	7.58	29.59	235	163	A	H
													H
		5458.96	54.24	-19.76	74	43.95	32.34	7.54	29.59	344	220	P	V
		5469.84	64.67	-3.53	68.2	54.34	32.36	7.56	29.59	344	220	P	V
		5459.92	43.16	-10.84	54	32.87	32.34	7.54	29.59	344	220	A	V
	*	5500	112.67	-	-	102.28	32.4	7.58	29.59	344	220	P	V
	*	5500	104.25	-	-	93.86	32.4	7.58	29.59	344	220	A	V
													V

802.11a CH 116 5580MHz		5444.8	49.59	-24.41	74	39.33	32.32	7.52	29.58	224	167	P	H
		5461.84	49.62	-18.58	68.2	39.33	32.34	7.54	29.59	224	167	P	H
		5457.52	41.25	-12.75	54	30.96	32.34	7.54	29.59	224	167	A	H
	*	5580	111.32	-	-	100.82	32.47	7.66	29.63	224	167	P	H
	*	5580	103.2	-	-	92.7	32.47	7.66	29.63	224	167	A	H
		5734.76	50.4	-17.8	68.2	39.64	32.64	7.81	29.69	224	167	P	H
		5459.44	49.85	-24.15	74	39.56	32.34	7.54	29.59	334	230	P	V
		5462.08	49.16	-19.04	68.2	38.87	32.34	7.54	29.59	334	230	P	V
		5445.76	41.34	-12.66	54	31.06	32.34	7.52	29.58	334	230	A	V
	*	5580	114.66	-	-	104.16	32.47	7.66	29.63	334	230	P	V
	*	5580	106.45	-	-	95.95	32.47	7.66	29.63	334	230	A	V
		5757.755	50.77	-17.43	68.2	39.98	32.66	7.84	29.71	334	230	P	V
802.11a CH 140 5700MHz	*	5700	107.15	-	-	96.44	32.59	7.79	29.67	254	160	P	H
	*	5700	98.72	-	-	88.01	32.59	7.79	29.67	254	160	A	H
		5725.56	62.95	-5.25	68.2	52.2	32.62	7.81	29.68	254	160	P	H
													H
													H
													H
	*	5700	109.51	-	-	98.8	32.59	7.79	29.67	337	232	P	V
	*	5700	101.67	-	-	90.96	32.59	7.79	29.67	337	232	A	V
		5726.2	64.21	-3.99	68.2	53.46	32.62	7.81	29.68	337	232	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.72	-26.28	74	52.54	40.1	11.68	56.6	100	0	P	H
		16500	45.44	-22.76	68.2	48.87	38.3	13.97	55.7	100	0	P	H
													H
													H
		11000	47.31	-26.69	74	52.13	40.1	11.68	56.6	100	0	P	V
		16500	46.34	-21.86	68.2	49.77	38.3	13.97	55.7	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	52.5	-21.5	74	57.28	40.03	11.72	56.53	351	322	P	H
		11160	43.7	-10.3	54	48.48	40.03	11.72	56.53	351	322	A	H
		16740	46.06	-22.14	68.2	48.78	39.12	13.96	55.8	100	0	P	H
													H
		11160	48.8	-25.2	74	53.58	40.03	11.72	56.53	100	0	P	V
		16740	45.47	-22.73	68.2	48.19	39.12	13.96	55.8	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.49	-26.51	74	52.2	39.94	11.79	56.44	100	0	P	H
		17100	49.92	-18.28	68.2	51.72	40.24	14.02	56.06	100	0	P	H
													H
													H
		11400	48.03	-25.97	74	52.74	39.94	11.79	56.44	100	0	P	V
		17100	48.52	-19.68	68.2	50.32	40.24	14.02	56.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	51.78	-22.22	74	41.49	32.34	7.54	29.59	234	162	P	H
		5469.52	62.45	-5.75	68.2	52.12	32.36	7.56	29.59	234	162	P	H
		5459.76	42.35	-11.65	54	32.06	32.34	7.54	29.59	234	162	A	H
	*	5500	109.76	-	-	99.37	32.4	7.58	29.59	234	162	P	H
802.11ac	*	5500	101.41	-	-	91.02	32.4	7.58	29.59	234	162	A	H
VHT20													H
CH 100		5457.84	54.45	-19.55	74	44.16	32.34	7.54	29.59	343	217	P	V
5500MHz		5469.68	65.27	-2.93	68.2	54.94	32.36	7.56	29.59	343	217	P	V
		5460	42.93	-11.07	54	32.64	32.34	7.54	29.59	343	217	A	V
	*	5500	111.63	-	-	101.24	32.4	7.58	29.59	343	217	P	V
	*	5500	103.34	-	-	92.95	32.4	7.58	29.59	343	217	A	V
													V
		5437.36	49.8	-24.2	74	39.54	32.32	7.52	29.58	224	163	P	H
		5468.8	49.71	-18.49	68.2	39.38	32.36	7.56	29.59	224	163	P	H
		5456.8	40.97	-13.03	54	30.68	32.34	7.54	29.59	224	163	A	H
	*	5580	111.28	-	-	100.78	32.47	7.66	29.63	224	163	P	H
802.11ac	*	5580	102.56	-	-	92.06	32.47	7.66	29.63	224	163	A	H
VHT20		5765	50.43	-17.77	68.2	39.64	32.66	7.84	29.71	224	163	P	H
CH 116		5444.32	49.86	-24.14	74	39.6	32.32	7.52	29.58	334	227	P	V
5580MHz		5462.08	49.44	-18.76	68.2	39.15	32.34	7.54	29.59	334	227	P	V
		5458.96	41.07	-12.93	54	30.78	32.34	7.54	29.59	334	227	A	V
	*	5580	114.86	-	-	104.36	32.47	7.66	29.63	334	227	P	V
	*	5580	106.57	-	-	96.07	32.47	7.66	29.63	334	227	A	V
		5760.59	50.35	-17.85	68.2	39.56	32.66	7.84	29.71	334	227	P	V

	*	5700	105.85	-	-	95.14	32.59	7.79	29.67	232	167	P	H
	*	5700	97.38	-	-	86.67	32.59	7.79	29.67	232	167	A	H
		5725.8	62.25	-5.95	68.2	51.5	32.62	7.81	29.68	232	167	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	109.65	-	-	98.94	32.59	7.79	29.67	338	225	P	V
5700MHz	*	5700	100.83	-	-	90.12	32.59	7.79	29.67	338	225	A	V
		5726.76	63.55	-4.65	68.2	52.8	32.62	7.81	29.68	338	225	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	47.87	-26.13	74	52.69	40.1	11.68	56.6	100	0	P	H
		16500	45.81	-22.39	68.2	49.24	38.3	13.97	55.7	100	0	P	H
802.11ac													H
VHT20													H
CH 100		11000	46.98	-27.02	74	51.8	40.1	11.68	56.6	100	0	P	V
5500MHz		16500	46.92	-21.28	68.2	50.35	38.3	13.97	55.7	100	0	P	V
													V
													V
		11160	49.82	-24.18	74	54.6	40.03	11.72	56.53	100	0	P	H
		16740	46.28	-21.92	68.2	49	39.12	13.96	55.8	100	0	P	H
802.11ac													H
VHT20													H
CH 116		11160	49.06	-24.94	74	53.84	40.03	11.72	56.53	100	0	P	V
5580MHz		16740	46.27	-21.93	68.2	48.99	39.12	13.96	55.8	100	0	P	V
													V
													V
		11400	47.75	-26.25	74	52.46	39.94	11.79	56.44	100	0	P	H
		17100	49.8	-18.4	68.2	51.6	40.24	14.02	56.06	100	0	P	H
802.11ac													H
VHT20													H
CH 140		11400	48.84	-25.16	74	53.55	39.94	11.79	56.44	100	0	P	V
5700MHz		17100	49.9	-18.3	68.2	51.7	40.24	14.02	56.06	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.2	58.42	-15.58	74	48.13	32.34	7.54	29.59	229	168	P	H
		5470	62.49	-5.71	68.2	52.16	32.36	7.56	29.59	229	168	P	H
		5459.92	49.21	-4.79	54	38.92	32.34	7.54	29.59	229	168	A	H
	*	5510	105.9	-	-	95.51	32.4	7.59	29.6	229	168	P	H
802.11ac	*	5510	97.37	-	-	86.98	32.4	7.59	29.6	229	168	A	H
VHT40		5759.33	51.05	-17.15	68.2	40.26	32.66	7.84	29.71	229	168	P	H
CH 102		5459.68	61.09	-12.91	74	50.8	32.34	7.54	29.59	342	228	P	V
5510MHz		5468.32	64.59	-3.61	68.2	54.26	32.36	7.56	29.59	342	228	P	V
		5459.68	50.99	-3.01	54	40.7	32.34	7.54	29.59	342	228	A	V
	*	5510	109.46	-	-	99.07	32.4	7.59	29.6	342	228	P	V
	*	5510	99.53	-	-	89.14	32.4	7.59	29.6	342	228	A	V
		5742.635	51.23	-16.97	68.2	40.45	32.64	7.83	29.69	342	228	P	V
		5459.92	59.91	-14.09	74	49.62	32.34	7.54	29.59	220	167	P	H
		5469.76	62.83	-5.37	68.2	52.5	32.36	7.56	29.59	220	167	P	H
		5459.68	47.74	-6.26	54	37.45	32.34	7.54	29.59	220	167	A	H
	*	5550	109.42	-	-	98.95	32.45	7.63	29.61	220	167	P	H
802.11ac	*	5550	100.58	-	-	90.11	32.45	7.63	29.61	220	167	A	H
VHT40		5736.965	51.11	-17.09	68.2	40.33	32.64	7.83	29.69	220	167	P	H
CH 110		5455.12	61.64	-12.36	74	51.35	32.34	7.54	29.59	322	222	P	V
5550MHz		5470	64.02	-4.18	68.2	53.69	32.36	7.56	29.59	322	222	P	V
		5459.92	50.25	-3.75	54	39.96	32.34	7.54	29.59	322	222	A	V
	*	5550	112.01	-	-	101.54	32.45	7.63	29.61	322	222	P	V
	*	5550	102.98	-	-	92.51	32.45	7.63	29.61	322	222	A	V
		5733.815	51.84	-16.36	68.2	41.1	32.62	7.81	29.69	322	222	P	V

		5433.65	48.53	-25.47	74	38.27	32.32	7.52	29.58	232	146	P	H
		5469	49.3	-18.9	68.2	38.97	32.36	7.56	29.59	232	146	P	H
		5442.4	40.13	-13.87	54	29.87	32.32	7.52	29.58	232	146	A	H
	*	5670	104.81	-	-	94.15	32.57	7.75	29.66	232	146	P	H
802.11ac	*	5670	96.34	-	-	85.68	32.57	7.75	29.66	232	146	A	H
VHT40		5728.145	64.33	-3.87	68.2	53.58	32.62	7.81	29.68	232	146	P	H
CH 134		5418.6	48.63	-25.37	74	38.4	32.3	7.51	29.58	319	228	P	V
5670MHz		5467.6	48.3	-19.9	68.2	37.97	32.36	7.56	29.59	319	228	P	V
		5458.15	40.49	-13.51	54	30.2	32.34	7.54	29.59	319	228	A	V
	*	5670	107.28	-	-	96.62	32.57	7.75	29.66	319	228	P	V
	*	5670	99.38	-	-	88.72	32.57	7.75	29.66	319	228	A	V
		5726.57	66.74	-1.46	68.2	55.99	32.62	7.81	29.68	319	228	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	47.51	-26.49	74	52.32	40.09	11.69	56.59	100	0	P	H
		16530	46.34	-21.86	68.2	49.66	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	47.19	-26.81	74	52	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	45.88	-22.32	68.2	49.2	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	48.07	-25.93	74	52.86	40.06	11.71	56.56	100	0	P	H
		16650	46.34	-21.86	68.2	49.3	38.83	13.97	55.76	100	0	P	H
802.11ac													H
VHT40													H
CH 110		11100	47.51	-26.49	74	52.3	40.06	11.71	56.56	100	0	P	V
5550MHz		16650	46.26	-21.94	68.2	49.22	38.83	13.97	55.76	100	0	P	V
													V
													V
		11340	48.7	-25.3	74	53.43	39.97	11.77	56.47	100	0	P	H
		17010	47.2	-21	68.2	49.13	40.04	13.96	55.93	100	0	P	H
802.11ac													H
VHT40													H
CH 134		11340	48.45	-25.55	74	53.18	39.97	11.77	56.47	100	0	P	V
5670MHz		17010	46.88	-21.32	68.2	48.81	40.04	13.96	55.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.68	62.63	-11.37	74	52.34	32.34	7.54	29.59	400	311	P	H
		5469.76	64.18	-4.02	68.2	53.85	32.36	7.56	29.59	400	311	P	H
		5459.92	52.91	-1.09	54	42.62	32.34	7.54	29.59	400	311	A	H
	*	5530	101.38	-	-	90.96	32.42	7.61	29.61	400	311	P	H
802.11ac	*	5530	94	-	-	83.58	32.42	7.61	29.61	400	311	A	H
VHT80		5758.07	50.06	-18.14	68.2	39.27	32.66	7.84	29.71	400	311	P	H
CH 106		5457.04	61.04	-12.96	74	50.75	32.34	7.54	29.59	400	222	P	V
5530MHz		5467.84	62.22	-5.98	68.2	51.89	32.36	7.56	29.59	400	222	P	V
		5459.92	52.68	-1.32	54	42.39	32.34	7.54	29.59	400	222	A	V
	*	5530	101.41	-	-	90.99	32.42	7.61	29.61	400	222	P	V
	*	5530	93.88	-	-	83.46	32.42	7.61	29.61	400	222	A	V
		5753.66	51.11	-17.09	68.2	40.3	32.66	7.84	29.69	400	222	P	V
		5457.52	56.85	-17.15	74	46.56	32.34	7.54	29.59	366	306	P	H
		5464.24	59.06	-9.14	68.2	48.75	32.36	7.54	29.59	366	306	P	H
		5459.92	47.6	-6.4	54	37.31	32.34	7.54	29.59	366	306	A	H
	*	5610	104.01	-	-	93.45	32.5	7.7	29.64	366	306	P	H
802.11ac	*	5610	96.26	-	-	85.7	32.5	7.7	29.64	366	306	A	H
VHT80		5725	65.78	-2.42	68.2	55.03	32.62	7.81	29.68	366	306	P	H
CH 122		5459.44	56.72	-17.28	74	46.43	32.34	7.54	29.59	345	225	P	V
5610MHz		5464.72	59.43	-8.77	68.2	49.12	32.36	7.54	29.59	345	225	P	V
		5458.96	48.98	-5.02	54	38.69	32.34	7.54	29.59	345	225	A	V
	*	5610	104.14	-	-	93.58	32.5	7.7	29.64	345	225	P	V
	*	5610	96.59	-	-	86.03	32.5	7.7	29.64	345	225	A	V
		5738.54	64.46	-3.74	68.2	53.68	32.64	7.83	29.69	345	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.16	-26.84	74	51.96	40.07	11.7	56.57	100	0	P	H
		16590	45.67	-22.53	68.2	48.85	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.69	-26.31	74	52.49	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	46.01	-22.19	68.2	49.19	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	47.23	-26.77	74	51.99	40.01	11.74	56.51	100	0	P	H
		16830	46.79	-21.41	68.2	49.25	39.41	13.96	55.83	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	47.54	-26.46	74	52.3	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	46.57	-21.63	68.2	49.03	39.41	13.96	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	112.04	-	-	101.29	32.62	7.81	29.68	251	143	P	H
	*	5720	103.79	-	-	93.04	32.62	7.81	29.68	251	143	A	H
													H
													H
													H
													H
	*	5720	115.51	-	-	104.76	32.62	7.81	29.68	315	227	P	V
	*	5720	107.08	-	-	96.33	32.62	7.81	29.68	315	227	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.7	-25.3	74	53.41	39.93	11.79	56.43	100	0	P	H
		17160	48.81	-19.39	68.2	50.54	40.4	14.04	56.17	100	0	P	H
													H
													H
		11440	48.61	-25.39	74	53.32	39.93	11.79	56.43	100	0	P	V
		17160	48.22	-19.98	68.2	49.95	40.4	14.04	56.17	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5720	111.9	-	-	101.15	32.62	7.81	29.68	255	143	P	H
	*	5720	103.54	-	-	92.79	32.62	7.81	29.68	255	143	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	115.63	-	-	104.88	32.62	7.81	29.68	316	230	P	V
5720MHz	*	5720	104.34	-	-	93.59	32.62	7.81	29.68	316	230	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	48.26	-25.74	74	52.97	39.93	11.79	56.43	100	0	P	H
		17160	49.87	-18.33	68.2	51.6	40.4	14.04	56.17	100	0	P	H
802.11ac													H
VHT20													H
CH 144		11440	47.5	-26.5	74	52.21	39.93	11.79	56.43	100	0	P	V
5720MHz		17160	54.96	-13.24	68.2	56.69	40.4	14.04	56.17	205	35	P	V
		17160	44.64	-9.36	54	46.37	40.4	14.04	56.17	205	35	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5710	109.91	-	-	99.19	32.61	7.79	29.68	214	163	P	H
	*	5710	101.68	-	-	90.96	32.61	7.79	29.68	214	163	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	112.22	-	-	101.5	32.61	7.79	29.68	317	219	P	V
5710MHz	*	5710	104.01	-	-	93.29	32.61	7.79	29.68	317	219	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	47.08	-26.92	74	51.79	39.93	11.79	56.43	100	0	P	H
		17130	50.31	-17.89	68.2	52.06	40.32	14.04	56.11	206	315	P	H
802.11ac		17130	41.43	-12.57	54	43.18	40.32	14.04	56.11	206	315	A	H
VHT40													H
CH 142		11420	47.03	-26.97	74	51.74	39.93	11.79	56.43	100	0	P	V
5710MHz		17130	49.74	-18.46	68.2	51.49	40.32	14.04	56.11	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
	*	5690	104.95	-	-	94.26	32.59	7.77	29.67	219	167	P	H
	*	5690	96.89	-	-	86.2	32.59	7.77	29.67	219	167	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	108.24	-	-	97.55	32.59	7.77	29.67	334	228	P	V
5690MHz	*	5690	99.7	-	-	89.01	32.59	7.77	29.67	334	228	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	47.08	-26.92	74	51.79	39.95	11.79	56.45	100	0	P	H
		17070	48.26	-19.94	68.2	50.12	40.16	13.99	56.01	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	47.41	-26.59	74	52.12	39.95	11.79	56.45	100	0	P	V
5690MHz		17070	47.15	-21.05	68.2	49.01	40.16	13.99	56.01	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

<CDD Mode>

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5142.8	52.18	-21.82	74	42.4	31.98	7.35	29.55	400	41	P	H
		5136	42.47	-11.53	54	32.72	31.96	7.34	29.55	400	41	A	H
	*	5260	120.74	-	-	110.77	32.12	7.41	29.56	400	41	P	H
	*	5260	112.96	-	-	102.99	32.12	7.41	29.56	400	41	A	H
		5352.72	52.82	-21.18	74	42.71	32.22	7.46	29.57	400	41	P	H
		5352	44.66	-9.34	54	34.55	32.22	7.46	29.57	400	41	A	H
		5062.22	51.72	-22.28	74	42.08	31.88	7.3	29.54	400	352	P	V
		5148.92	43.29	-10.71	54	33.51	31.98	7.35	29.55	400	352	A	V
	*	5260	122.88	-	-	112.91	32.12	7.41	29.56	400	352	P	V
	*	5260	114.8	-	-	104.83	32.12	7.41	29.56	400	352	A	V
		5355.84	53.24	-20.76	74	43.13	32.22	7.46	29.57	400	352	P	V
		5351.04	45.53	-8.47	54	35.42	32.22	7.46	29.57	400	352	A	V

802.11a CH 60 5300MHz		5135.66	51.07	-22.93	74	41.32	31.96	7.34	29.55	400	28	P	H
		5122.4	41.8	-12.2	54	32.08	31.94	7.33	29.55	400	28	A	H
	*	5300	117.26	-	-	107.24	32.16	7.43	29.57	400	28	P	H
	*	5300	110.09	-	-	100.07	32.16	7.43	29.57	400	28	A	H
		5352	55.1	-18.9	74	44.99	32.22	7.46	29.57	400	28	P	H
		5351.52	44.91	-9.09	54	34.8	32.22	7.46	29.57	400	28	A	H
		5130.56	51.46	-22.54	74	41.71	31.96	7.34	29.55	400	350	P	V
		5136	42.12	-11.88	54	32.37	31.96	7.34	29.55	400	350	A	V
	*	5300	118.66	-	-	108.64	32.16	7.43	29.57	400	350	P	V
	*	5300	111.13	-	-	101.11	32.16	7.43	29.57	400	350	A	V
		5350.8	55.46	-18.54	74	45.35	32.22	7.46	29.57	400	350	P	V
		5350.56	46.27	-7.73	54	36.16	32.22	7.46	29.57	400	350	A	V
802.11a CH 64 5320MHz	*	5320	117.96	-	-	107.91	32.18	7.44	29.57	367	43	P	H
	*	5320	109.24	-	-	99.19	32.18	7.44	29.57	367	43	A	H
		5358.56	57.91	-16.09	74	47.79	32.22	7.47	29.57	367	43	P	H
		5350.08	50.47	-3.53	54	40.36	32.22	7.46	29.57	367	43	A	H
													H
													H
	*	5320	117.75	-	-	107.7	32.18	7.44	29.57	400	350	P	V
	*	5320	110.29	-	-	100.24	32.18	7.44	29.57	400	350	A	V
		5352.96	55.64	-18.36	74	45.53	32.22	7.46	29.57	400	350	P	V
		5351.84	48.12	-5.88	54	38.01	32.22	7.46	29.57	400	350	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48	-20.2	68.2	54.07	39.52	11.4	56.99	100	0	P	H
		15780	57.3	-16.7	74	62.08	37.68	13.87	56.33	225	313	P	H
		15780	46.84	-7.16	54	51.62	37.68	13.87	56.33	225	313	A	H
													H
		10520	47.76	-20.44	68.2	53.83	39.52	11.4	56.99	100	0	P	V
		15780	60.09	-13.91	74	64.87	37.68	13.87	56.33	180	247	P	V
		15780	49.42	-4.58	54	54.2	37.68	13.87	56.33	180	247	A	V
													V
802.11a CH 60 5300MHz		10600	52.22	-21.78	74	58.08	39.62	11.44	56.92	145	18	P	H
		10600	41.35	-12.65	54	47.21	39.62	11.44	56.92	145	18	A	H
		15900	56.9	-17.1	74	61.86	37.37	13.93	56.26	164	120	P	H
		15900	44.07	-9.93	54	49.03	37.37	13.93	56.26	164	120	A	H
		10600	49.59	-24.41	74	55.45	39.62	11.44	56.92	100	0	P	V
		15900	63.94	-10.06	74	68.9	37.37	13.93	56.26	165	216	P	V
		15900	51.2	-2.8	54	56.16	37.37	13.93	56.26	165	216	A	V
													V
802.11a CH 64 5320MHz		10640	47.33	-26.67	74	53.09	39.67	11.46	56.89	100	0	P	H
		15960	53.1	-20.9	74	58.18	37.19	13.95	56.22	162	120	P	H
		15960	40.01	-13.99	54	45.09	37.19	13.95	56.22	162	120	A	H
													H
		10640	48.27	-25.73	74	54.03	39.67	11.46	56.89	100	0	P	V
		15960	55.78	-18.22	74	60.86	37.19	13.95	56.22	165	219	P	V
		15960	42.91	-11.09	54	47.99	37.19	13.95	56.22	165	219	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5043.86	50.53	-23.47	74	40.92	31.86	7.29	29.54	356	45	P	H
		5136	41.9	-12.1	54	32.15	31.96	7.34	29.55	356	45	A	H
	*	5260	120.74	-	-	110.77	32.12	7.41	29.56	356	45	P	H
	*	5260	113.1	-	-	103.13	32.12	7.41	29.56	356	45	A	H
802.11ac		5350.08	54.25	-19.75	74	44.14	32.22	7.46	29.57	356	45	P	H
VHT20		5350.08	45.55	-8.45	54	35.44	32.22	7.46	29.57	356	45	A	H
CH 52		5127.5	51.01	-22.99	74	41.26	31.96	7.34	29.55	386	354	P	V
5260MHz		5149.94	42.33	-11.67	54	32.55	31.98	7.35	29.55	386	354	A	V
	*	5260	121.63	-	-	111.66	32.12	7.41	29.56	386	354	P	V
	*	5260	113.8	-	-	103.83	32.12	7.41	29.56	386	354	A	V
		5350.08	51.76	-22.24	74	41.65	32.22	7.46	29.57	386	354	P	V
		5350.08	44.44	-9.56	54	34.33	32.22	7.46	29.57	386	354	A	V
		5091.46	50.28	-23.72	74	40.58	31.92	7.32	29.54	375	46	P	H
		5136	41.19	-12.81	54	31.44	31.96	7.34	29.55	375	46	A	H
	*	5300	117.56	-	-	107.54	32.16	7.43	29.57	375	46	P	H
	*	5300	109.95	-	-	99.93	32.16	7.43	29.57	375	46	A	H
802.11ac		5350.08	55.93	-18.07	74	45.82	32.22	7.46	29.57	375	46	P	H
VHT20		5350.32	46.96	-7.04	54	36.85	32.22	7.46	29.57	375	46	A	H
CH 60		5086.36	50.72	-23.28	74	41.05	31.9	7.31	29.54	360	357	P	V
5300MHz		5136	41.69	-12.31	54	31.94	31.96	7.34	29.55	360	357	A	V
	*	5300	118.64	-	-	108.62	32.16	7.43	29.57	360	357	P	V
	*	5300	110.07	-	-	100.05	32.16	7.43	29.57	360	357	A	V
		5350.08	55.51	-18.49	74	45.4	32.22	7.46	29.57	360	357	P	V
		5350.08	46.44	-7.56	54	36.33	32.22	7.46	29.57	360	357	A	V

	*	5320	118.16	-	-	108.11	32.18	7.44	29.57	355	41	P	H
	*	5320	109.37	-	-	99.32	32.18	7.44	29.57	355	41	A	H
		5352.32	58.24	-15.76	74	48.13	32.22	7.46	29.57	355	41	P	H
		5350.08	47.8	-6.2	54	37.69	32.22	7.46	29.57	355	41	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	117.93	-	-	107.88	32.18	7.44	29.57	392	357	P	V
5320MHz	*	5320	109.98	-	-	99.93	32.18	7.44	29.57	392	357	A	V
		5350.88	60.58	-13.42	74	50.47	32.22	7.46	29.57	392	357	P	V
		5350.08	50.87	-3.13	54	40.76	32.22	7.46	29.57	392	357	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	51.92	-16.28	68.2	57.99	39.52	11.4	56.99	100	0	P	H
		15780	59.65	-14.35	74	64.43	37.68	13.87	56.33	159	98	P	H
802.11ac		15780	49.72	-4.28	54	54.5	37.68	13.87	56.33	159	98	A	H
VHT20													H
CH 52		10520	52.09	-16.11	68.2	58.16	39.52	11.4	56.99	100	0	P	V
5260MHz		15780	63.7	-10.3	74	68.48	37.68	13.87	56.33	170	222	P	V
		15780	52.59	-1.41	54	57.37	37.68	13.87	56.33	170	222	A	V
													V
		10600	48.78	-25.22	74	54.64	39.62	11.44	56.92	100	0	P	H
		15900	63.04	-10.96	74	68	37.37	13.93	56.26	163	109	P	H
802.11ac		15900	50.5	-3.5	54	55.46	37.37	13.93	56.26	163	109	A	H
VHT20													H
CH 60		10600	49.79	-24.21	74	55.65	39.62	11.44	56.92	100	0	P	V
5300MHz		15900	63.31	-10.69	74	68.27	37.37	13.93	56.26	162	217	P	V
		15900	52.17	-1.83	54	57.13	37.37	13.93	56.26	162	217	A	V
													V
		10640	46.37	-27.63	74	52.13	39.67	11.46	56.89	100	0	P	H
		15960	55.08	-18.92	74	60.16	37.19	13.95	56.22	168	109	P	H
802.11ac		15960	42.13	-11.87	54	47.21	37.19	13.95	56.22	168	109	A	H
VHT20													H
CH 64		10640	47.87	-26.13	74	53.63	39.67	11.46	56.89	100	0	P	V
5320MHz		15960	55.69	-18.31	74	60.77	37.19	13.95	56.22	165	221	P	V
		15960	41.47	-12.53	54	46.55	37.19	13.95	56.22	165	221	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.84	51.2	-22.8	74	41.42	31.98	7.35	29.55	358	43	P	H
		5147.56	44.11	-9.89	54	34.33	31.98	7.35	29.55	358	43	A	H
	*	5266	116.37	-	-	106.4	32.12	7.41	29.56	358	43	P	H
	*	5266	109.15	-	-	99.18	32.12	7.41	29.56	358	43	A	H
802.11ac		5360.88	59.13	-14.87	74	48.99	32.24	7.47	29.57	358	43	P	H
VHT40		5350.08	51.29	-2.71	54	41.18	32.22	7.46	29.57	358	43	A	H
CH 54		5066.64	51.07	-22.93	74	41.43	31.88	7.3	29.54	400	354	P	V
5270MHz		5142.8	45.29	-8.71	54	35.51	31.98	7.35	29.55	400	354	A	V
	*	5270	117.48	-	-	107.5	32.12	7.42	29.56	400	354	P	V
	*	5270	110.23	-	-	100.25	32.12	7.42	29.56	400	354	A	V
		5356.8	60.64	-13.36	74	50.53	32.22	7.46	29.57	400	354	P	V
		5355.12	52.58	-1.42	54	42.47	32.22	7.46	29.57	400	354	A	V
		5060.18	49.87	-24.13	74	40.23	31.88	7.3	29.54	334	46	P	H
		5137.36	42.14	-11.86	54	32.39	31.96	7.34	29.55	334	46	A	H
	*	5310	112.57	-	-	102.52	32.18	7.44	29.57	334	46	P	H
	*	5310	106	-	-	95.95	32.18	7.44	29.57	334	46	A	H
802.11ac		5350.08	58.81	-15.19	74	48.7	32.22	7.46	29.57	334	46	P	H
VHT40		5350.08	52.71	-1.29	54	42.6	32.22	7.46	29.57	334	46	A	H
CH 62		5146.54	50.8	-23.2	74	41.02	31.98	7.35	29.55	395	352	P	V
5310MHz		5136	42.87	-11.13	54	33.12	31.96	7.34	29.55	395	352	A	V
	*	5310	113.81	-	-	103.76	32.18	7.44	29.57	395	352	P	V
	*	5310	107.06	-	-	97.01	32.18	7.44	29.57	395	352	A	V
		5350.08	59.77	-14.23	74	49.66	32.22	7.46	29.57	395	352	P	V
		5352	50.44	-3.56	54	40.33	32.22	7.46	29.57	395	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 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	49.61	-18.59	68.2	55.63	39.54	11.41	56.97	100	0	P	H
		15810	57	-17	74	61.83	37.59	13.89	56.31	173	107	P	H
802.11ac		15810	47.97	-6.03	54	52.8	37.59	13.89	56.31	173	107	A	H
VHT40													H
CH 54		10540	49.62	-18.58	68.2	55.64	39.54	11.41	56.97	100	0	P	V
5270MHz		15810	61.41	-12.59	74	66.24	37.59	13.89	56.31	159	221	P	V
		15810	50.4	-3.6	54	55.23	37.59	13.89	56.31	159	221	A	V
													V
		10620	46.84	-27.16	74	52.65	39.64	11.45	56.9	100	0	P	H
		15930	47.45	-26.55	74	52.46	37.28	13.95	56.24	100	0	P	H
802.11ac													H
VHT40													H
CH 62		10620	46.45	-27.55	74	52.26	39.64	11.45	56.9	100	0	P	V
5310MHz		15930	47.5	-26.5	74	52.51	37.28	13.95	56.24	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5037.06	49.96	-24.04	74	40.36	31.84	7.29	29.53	349	48	P	H
		5143.82	42.78	-11.22	54	33	31.98	7.35	29.55	349	48	A	H
	*	5290	109.04	-	-	99.03	32.14	7.43	29.56	349	48	P	H
	*	5290	101.89	-	-	91.88	32.14	7.43	29.56	349	48	A	H
		5350.08	58.61	-15.39	74	48.5	32.22	7.46	29.57	349	48	P	H
		5350.08	50.94	-3.06	54	40.83	32.22	7.46	29.57	349	48	A	H
		5139.06	50.61	-23.39	74	40.86	31.96	7.34	29.55	353	350	P	V
		5141.44	44.09	-9.91	54	34.32	31.98	7.34	29.55	353	350	A	V
	*	5290	109.76	-	-	99.75	32.14	7.43	29.56	353	350	P	V
	*	5290	102.32	-	-	92.31	32.14	7.43	29.56	353	350	A	V
		5361.36	57.77	-16.23	74	47.63	32.24	7.47	29.57	353	350	P	V
		5359.44	49.23	-4.77	54	39.11	32.22	7.47	29.57	353	350	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	47.34	-20.86	68.2	53.24	39.6	11.43	56.93	100	0	P	H
		15870	44.94	-29.06	74	49.89	37.41	13.91	56.27	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	48.1	-20.1	68.2	54	39.6	11.43	56.93	100	0	P	V
5290MHz		15870	45.04	-28.96	74	49.99	37.41	13.91	56.27	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5457.36	53.16	-20.84	74	42.87	32.34	7.54	29.59	209	160	P	H
		5468.08	62.26	-5.94	68.2	51.93	32.36	7.56	29.59	209	160	P	H
		5457.84	45.25	-8.75	54	34.96	32.34	7.54	29.59	209	160	A	H
	*	5500	113.7	-	-	103.31	32.4	7.58	29.59	209	160	P	H
	*	5500	106.11	-	-	95.72	32.4	7.58	29.59	209	160	A	H
													H
		5459.6	55.35	-18.65	74	45.06	32.34	7.54	29.59	296	39	P	V
		5470	66.74	-1.46	68.2	56.41	32.36	7.56	29.59	296	39	P	V
		5459.44	48.78	-5.22	54	38.49	32.34	7.54	29.59	296	39	A	V
	*	5500	116.45	-	-	106.06	32.4	7.58	29.59	296	39	P	V
	*	5500	108.64	-	-	98.25	32.4	7.58	29.59	296	39	A	V
													V

802.11a CH 116 5580MHz		5448.64	51	-23	74	40.7	32.34	7.54	29.58	216	160	P	H
		5464	52.22	-15.98	68.2	41.91	32.36	7.54	29.59	216	160	P	H
		5457.28	41.59	-12.41	54	31.3	32.34	7.54	29.59	216	160	A	H
	*	5580	117.49	-	-	106.99	32.47	7.66	29.63	216	160	P	H
	*	5580	109.02	-	-	98.52	32.47	7.66	29.63	216	160	A	H
		5753.03	49.89	-18.31	68.2	39.09	32.66	7.83	29.69	216	160	P	H
		5444.32	51.99	-22.01	74	41.73	32.32	7.52	29.58	292	37	P	V
		5462.56	51.6	-16.6	68.2	41.29	32.36	7.54	29.59	292	37	P	V
		5459.68	42.11	-11.89	54	31.82	32.34	7.54	29.59	292	37	A	V
	*	5580	121.25	-	-	110.75	32.47	7.66	29.63	292	37	P	V
	*	5580	112.72	-	-	102.22	32.47	7.66	29.63	292	37	A	V
		5748.935	52.51	-15.69	68.2	41.73	32.64	7.83	29.69	292	37	P	V
802.11a CH 140 5700MHz	*	5700	113.08	-	-	102.37	32.59	7.79	29.67	203	130	P	H
	*	5700	104.89	-	-	94.18	32.59	7.79	29.67	203	130	A	H
		5728.12	61.86	-6.34	68.2	51.11	32.62	7.81	29.68	203	130	P	H
													H
													H
													H
	*	5700	114.54	-	-	103.83	32.59	7.79	29.67	285	34	P	V
	*	5700	106.76	-	-	96.05	32.59	7.79	29.67	285	34	A	V
		5725	64.55	-3.65	68.2	53.8	32.62	7.81	29.68	285	34	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	54.65	-19.35	74	59.47	40.1	11.68	56.6	364	313	P	H
		11000	44.67	-9.33	54	49.49	40.1	11.68	56.6	364	313	A	H
		16500	46.69	-21.51	68.2	50.12	38.3	13.97	55.7	100	0	P	H
													H
		11000	52.73	-21.27	74	57.55	40.1	11.68	56.6	204	354	P	V
		11000	43.6	-10.4	54	48.42	40.1	11.68	56.6	204	354	A	V
		16500	49.29	-18.91	68.2	52.72	38.3	13.97	55.7	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	59.54	-14.46	74	64.32	40.03	11.72	56.53	340	313	P	H
		11160	49.9	-4.1	54	54.68	40.03	11.72	56.53	340	313	A	H
		16740	49.17	-19.03	68.2	51.89	39.12	13.96	55.8	100	0	P	H
													H
		11160	59.63	-14.37	74	64.41	40.03	11.72	56.53	206	355	P	V
		11160	49.8	-4.2	54	54.58	40.03	11.72	56.53	206	355	A	V
		16740	56.72	-11.48	68.2	59.44	39.12	13.96	55.8	214	96	P	V
		16740	47.16	-6.84	54	49.88	39.12	13.96	55.8	214	96	A	V
802.11a CH 140 5700MHz		11400	56.67	-17.33	74	61.38	39.94	11.79	56.44	340	317	P	H
		11400	48.02	-5.98	54	52.73	39.94	11.79	56.44	340	317	A	H
		17100	48.49	-19.71	68.2	50.29	40.24	14.02	56.06	100	0	P	H
													H
		11400	56.65	-17.35	74	61.36	39.94	11.79	56.44	198	352	P	V
		11400	48.45	-5.55	54	53.16	39.94	11.79	56.44	198	352	A	V
		17100	47.53	-20.67	68.2	49.33	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
		5452.08	52.57	-21.43	74	42.28	32.34	7.54	29.59	217	126	P	H
		5469.52	63.31	-4.89	68.2	52.98	32.36	7.56	29.59	217	126	P	H
		5451.76	43.3	-10.7	54	33.01	32.34	7.54	29.59	217	126	A	H
	*	5500	112.18	-	-	101.79	32.4	7.58	29.59	217	126	P	H
802.11ac	*	5500	104.32	-	-	93.93	32.4	7.58	29.59	217	126	A	H
VHT20													H
CH 100		5458	56.6	-17.4	74	46.31	32.34	7.54	29.59	291	36	P	V
5500MHz		5470	64.75	-3.45	68.2	54.42	32.36	7.56	29.59	291	36	P	V
		5457.84	47.11	-6.89	54	36.82	32.34	7.54	29.59	291	36	A	V
	*	5500	117.78	-	-	107.39	32.4	7.58	29.59	291	36	P	V
	*	5500	108.86	-	-	98.47	32.4	7.58	29.59	291	36	A	V
													V
		5441.92	50.76	-23.24	74	40.5	32.32	7.52	29.58	221	132	P	H
		5468.56	50.35	-17.85	68.2	40.02	32.36	7.56	29.59	221	132	P	H
		5459.44	41.06	-12.94	54	30.77	32.34	7.54	29.59	221	132	A	H
	*	5580	118.32	-	-	107.82	32.47	7.66	29.63	221	132	P	H
802.11ac	*	5580	109.22	-	-	98.72	32.47	7.66	29.63	221	132	A	H
VHT20		5745.785	50.06	-18.14	68.2	39.28	32.64	7.83	29.69	221	132	P	H
CH 116		5429.44	50.97	-23.03	74	40.72	32.32	7.51	29.58	282	37	P	V
5580MHz		5467.36	52.39	-15.81	68.2	42.06	32.36	7.56	29.59	282	37	P	V
		5459.2	41.69	-12.31	54	31.4	32.34	7.54	29.59	282	37	A	V
	*	5580	121.12	-	-	110.62	32.47	7.66	29.63	282	37	P	V
	*	5580	112.48	-	-	101.98	32.47	7.66	29.63	282	37	A	V
		5737.28	51.64	-16.56	68.2	40.86	32.64	7.83	29.69	282	37	P	V

	*	5700	111.98	-	-	101.27	32.59	7.79	29.67	201	133	P	H
	*	5700	104.11	-	-	93.4	32.59	7.79	29.67	201	133	A	H
		5729.72	65.76	-2.44	68.2	55.01	32.62	7.81	29.68	201	133	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	115.44	-	-	104.73	32.59	7.79	29.67	303	32	P	V
5700MHz	*	5700	107.13	-	-	96.42	32.59	7.79	29.67	303	32	A	V
		5734.04	61.13	-7.07	68.2	50.39	32.62	7.81	29.69	303	32	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.77	-24.23	74	54.59	40.1	11.68	56.6	100	0	P	H
		16500	47.28	-20.92	68.2	50.71	38.3	13.97	55.7	100	0	P	H
802.11ac													H
VHT20													H
CH 100		11000	49.53	-24.47	74	54.35	40.1	11.68	56.6	100	0	P	V
5500MHz		16500	47.26	-20.94	68.2	50.69	38.3	13.97	55.7	100	0	P	V
													V
													V
		11160	55.28	-18.72	74	60.06	40.03	11.72	56.53	298	319	P	H
		11160	46.34	-7.66	54	51.12	40.03	11.72	56.53	298	319	A	H
802.11ac		16740	45.14	-23.06	68.2	47.86	39.12	13.96	55.8	100	0	P	H
VHT20													H
CH 116		11160	61.65	-12.35	74	66.43	40.03	11.72	56.53	273	350	P	V
5580MHz		11160	46.9	-7.1	54	51.68	40.03	11.72	56.53	273	350	A	V
		16740	45.07	-23.13	68.2	47.79	39.12	13.96	55.8	100	0	P	V
													V
		11400	58.73	-15.27	74	63.44	39.94	11.79	56.44	298	323	P	H
		11400	48.56	-5.44	54	53.27	39.94	11.79	56.44	298	323	A	H
802.11ac		17100	48.42	-19.78	68.2	50.22	40.24	14.02	56.06	100	0	P	H
VHT20													H
CH 140		11400	58.58	-15.42	74	63.29	39.94	11.79	56.44	269	349	P	V
5700MHz		11400	48.87	-5.13	54	53.58	39.94	11.79	56.44	269	349	A	V
		17100	48.48	-19.72	68.2	50.28	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.44	59.14	-14.86	74	48.85	32.34	7.54	29.59	218	162	P	H
		5469.52	63.22	-4.98	68.2	52.89	32.36	7.56	29.59	218	162	P	H
		5459.92	48.6	-5.4	54	38.31	32.34	7.54	29.59	218	162	A	H
	*	5510	109.29	-	-	98.9	32.4	7.59	29.6	218	162	P	H
802.11ac	*	5510	100.87	-	-	90.48	32.4	7.59	29.6	218	162	A	H
VHT40		5746.1	52	-16.2	68.2	41.22	32.64	7.83	29.69	218	162	P	H
CH 102		5453.92	60.78	-13.22	74	50.49	32.34	7.54	29.59	292	38	P	V
5510MHz		5464.96	66.49	-1.71	68.2	56.18	32.36	7.54	29.59	292	38	P	V
		5459.68	49.07	-4.93	54	38.78	32.34	7.54	29.59	292	38	A	V
	*	5510	113.73	-	-	103.34	32.4	7.59	29.6	292	38	P	V
	*	5510	105.2	-	-	94.81	32.4	7.59	29.6	292	38	A	V
		5745.155	52.11	-16.09	68.2	41.33	32.64	7.83	29.69	292	38	P	V
		5457.28	59.19	-14.81	74	48.9	32.34	7.54	29.59	214	131	P	H
		5464.48	58.57	-9.63	68.2	48.26	32.36	7.54	29.59	214	131	P	H
		5459.68	46.43	-7.57	54	36.14	32.34	7.54	29.59	214	131	A	H
	*	5550	112.82	-	-	102.35	32.45	7.63	29.61	214	131	P	H
802.11ac	*	5550	104.7	-	-	94.23	32.45	7.63	29.61	214	131	A	H
VHT40		5752.4	50.64	-17.56	68.2	39.84	32.66	7.83	29.69	214	131	P	H
CH 110		5458.72	59.89	-14.11	74	49.6	32.34	7.54	29.59	282	40	P	V
5550MHz		5469.52	65.77	-2.43	68.2	55.44	32.36	7.56	29.59	282	40	P	V
		5459.92	49.3	-4.7	54	39.01	32.34	7.54	29.59	282	40	A	V
	*	5550	115.8	-	-	105.33	32.45	7.63	29.61	282	40	P	V
	*	5550	108.2	-	-	97.73	32.45	7.63	29.61	282	40	A	V
		5727.83	51.98	-16.22	68.2	41.23	32.62	7.81	29.68	282	40	P	V

		5433.65	50.65	-23.35	74	40.39	32.32	7.52	29.58	329	312	P	H
		5463.4	50.61	-17.59	68.2	40.3	32.36	7.54	29.59	329	312	P	H
		5459.55	41.66	-12.34	54	31.37	32.34	7.54	29.59	329	312	A	H
	*	5670	111.27	-	-	100.61	32.57	7.75	29.66	329	312	P	H
802.11ac	*	5670	103.55	-	-	92.89	32.57	7.75	29.66	329	312	A	H
VHT40		5726.255	61.45	-6.75	68.2	50.7	32.62	7.81	29.68	329	312	P	H
CH 134		5451.85	50.63	-23.37	74	40.34	32.34	7.54	29.59	311	239	P	V
5670MHz		5462.35	50.23	-17.97	68.2	39.94	32.34	7.54	29.59	311	239	P	V
		5457.8	41.57	-12.43	54	31.28	32.34	7.54	29.59	311	239	A	V
	*	5670	112.22	-	-	101.56	32.57	7.75	29.66	311	239	P	V
	*	5670	104.59	-	-	93.93	32.57	7.75	29.66	311	239	A	V
		5729.405	61.76	-6.44	68.2	51.01	32.62	7.81	29.68	311	239	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	47.68	-26.32	74	52.49	40.09	11.69	56.59	100	0	P	H
		16530	45.32	-22.88	68.2	48.64	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	47.36	-26.64	74	52.17	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	46.41	-21.79	68.2	49.73	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	54.21	-19.79	74	59	40.06	11.71	56.56	317	322	P	H
		11100	45.85	-8.15	54	50.64	40.06	11.71	56.56	317	322	A	H
802.11ac		16650	45.71	-22.49	68.2	48.67	38.83	13.97	55.76	100	0	P	H
VHT40													H
CH 110		11100	54.52	-19.48	74	59.31	40.06	11.71	56.56	270	350	P	V
5550MHz		11100	44.95	-9.05	54	49.74	40.06	11.71	56.56	270	350	A	V
		16650	45.31	-22.89	68.2	48.27	38.83	13.97	55.76	100	0	P	V
													V
		11340	55.79	-18.21	74	60.52	39.97	11.77	56.47	296	320	P	H
		11340	46.36	-7.64	54	51.09	39.97	11.77	56.47	296	320	A	H
802.11ac		17010	46.45	-21.75	68.2	48.38	40.04	13.96	55.93	100	0	P	H
VHT40													H
CH 134		11340	55.75	-18.25	74	60.48	39.97	11.77	56.47	270	351	P	V
5670MHz		11340	45.99	-8.01	54	50.72	39.97	11.77	56.47	270	351	A	V
		17010	46.81	-21.39	68.2	48.74	40.04	13.96	55.93	100	0	P	V
													V

Remark

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

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.2	60.69	-13.31	74	50.4	32.34	7.54	29.59	400	306	P	H
		5470	64.66	-3.54	68.2	54.33	32.36	7.56	29.59	400	306	P	H
		5459.92	51.9	-2.1	54	41.61	32.34	7.54	29.59	400	306	A	H
	*	5530	107.05	-	-	96.63	32.42	7.61	29.61	400	306	P	H
802.11ac	*	5530	98.62	-	-	88.2	32.42	7.61	29.61	400	306	A	H
VHT80		5738.225	52.25	-15.95	68.2	41.47	32.64	7.83	29.69	400	306	P	H
CH 106		5453.44	62.66	-11.34	74	52.37	32.34	7.54	29.59	295	35	P	V
5530MHz		5466.88	65.88	-2.32	68.2	55.55	32.36	7.56	29.59	295	35	P	V
		5451.28	52.21	-1.79	54	41.92	32.34	7.54	29.59	295	35	A	V
	*	5530	107.14	-	-	96.72	32.42	7.61	29.61	295	35	P	V
	*	5530	99.2	-	-	88.78	32.42	7.61	29.61	295	35	A	V
		5737.595	52.09	-16.11	68.2	41.31	32.64	7.83	29.69	295	35	P	V
		5459.68	61.63	-12.37	74	51.34	32.34	7.54	29.59	384	303	P	H
		5464	61.52	-6.68	68.2	51.21	32.36	7.54	29.59	384	303	P	H
		5459.92	47.05	-6.95	54	36.76	32.34	7.54	29.59	384	303	A	H
	*	5610	107.77	-	-	97.21	32.5	7.7	29.64	384	303	P	H
802.11ac	*	5610	99.5	-	-	88.94	32.5	7.7	29.64	384	303	A	H
VHT80		5725	66.39	-1.81	68.2	55.64	32.62	7.81	29.68	384	303	P	H
CH 122		5459.68	61.27	-12.73	74	50.98	32.34	7.54	29.59	334	25	P	V
5610MHz		5464.96	61.53	-6.67	68.2	51.22	32.36	7.54	29.59	334	25	P	V
		5459.92	47.43	-6.57	54	37.14	32.34	7.54	29.59	334	25	A	V
	*	5610	110.53	-	-	99.97	32.5	7.7	29.64	334	25	P	V
	*	5610	100.72	-	-	90.16	32.5	7.7	29.64	334	25	A	V
		5728.145	67.03	-1.17	68.2	56.28	32.62	7.81	29.68	334	25	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. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	46.94	-27.06	74	51.74	40.07	11.7	56.57	100	0	P	H
		16590	44.9	-23.3	68.2	48.08	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.74	-26.26	74	52.54	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	45.53	-22.67	68.2	48.71	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	53.09	-20.91	74	57.85	40.01	11.74	56.51	312	320	P	H
		11220	43.27	-10.73	54	48.03	40.01	11.74	56.51	312	320	A	H
802.11ac		16830	46.28	-21.92	68.2	48.74	39.41	13.96	55.83	100	0	P	H
VHT80													H
CH 122		11220	49.37	-24.63	74	54.13	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	46.69	-21.51	68.2	49.15	39.41	13.96	55.83	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

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.	
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	116.6	-	-	105.85	32.62	7.81	29.68	341	302	P	H
	*	5720	109.18	-	-	98.43	32.62	7.81	29.68	341	302	A	H
													H
													H
													H
													H
	*	5720	118.43	-	-	107.68	32.62	7.81	29.68	311	44	P	V
	*	5720	110.26	-	-	99.51	32.62	7.81	29.68	311	44	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	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	61.75	-12.25	74	66.46	39.93	11.79	56.43	345	329	P	H
		11440	52.26	-1.74	54	56.97	39.93	11.79	56.43	345	329	A	H
		17160	49.99	-18.21	68.2	51.72	40.4	14.04	56.17	100	0	P	H
													H
		11440	61.26	-12.74	74	65.97	39.93	11.79	56.43	182	350	P	V
		11440	51.35	-2.65	54	56.06	39.93	11.79	56.43	182	350	A	V
		17160	49.49	-18.71	68.2	51.22	40.4	14.04	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

dWIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
	*	5720	117.75	-	-	107	32.62	7.81	29.68	400	314	P	H
	*	5720	109.5	-	-	98.75	32.62	7.81	29.68	400	314	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	118.84	-	-	108.09	32.62	7.81	29.68	361	37	P	V
5720MHz	*	5720	110.66	-	-	99.91	32.62	7.81	29.68	361	37	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	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)
		11440	61.1	-12.9	74	65.81	39.93	11.79	56.43	343	329	P	H
		11440	52.29	-1.71	54	57	39.93	11.79	56.43	343	329	A	H
802.11ac		17160	51.17	-17.03	68.2	52.9	40.4	14.04	56.17	100	0	P	H
VHT20													H
CH 144		11440	60.63	-13.37	74	65.34	39.93	11.79	56.43	185	350	P	V
5720MHz		11440	51.1	-2.9	54	55.81	39.93	11.79	56.43	185	350	A	V
		17160	51.07	-17.13	68.2	52.8	40.4	14.04	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
	*	5710	109.79	-	-	99.07	32.61	7.79	29.68	319	306	P	H
	*	5710	102.32	-	-	91.6	32.61	7.79	29.68	319	306	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	111.2	-	-	100.48	32.61	7.79	29.68	324	35	P	V
5710MHz	*	5710	102.88	-	-	92.16	32.61	7.79	29.68	324	35	A	V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	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)
		11420	60.45	-13.55	74	65.16	39.93	11.79	56.43	334	326	P	H
		11420	51	-3	54	55.71	39.93	11.79	56.43	334	326	A	H
802.11ac		17130	51.92	-16.28	68.2	53.67	40.32	14.04	56.11	100	0	P	H
VHT40													H
CH 142		11420	58.44	-15.56	74	63.15	39.93	11.79	56.43	193	349	P	V
5710MHz		11420	50.15	-3.85	54	54.86	39.93	11.79	56.43	193	349	A	V
		17130	52.68	-15.52	68.2	54.43	40.32	14.04	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
	*	5690	111.49	-	-	100.8	32.59	7.77	29.67	333	301	P	H
	*	5690	103.91	-	-	93.22	32.59	7.77	29.67	333	301	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	112.8	-	-	102.11	32.59	7.77	29.67	400	29	P	V
5690MHz	*	5690	104.44	-	-	93.75	32.59	7.77	29.67	400	29	A	V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3+4	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)
		11380	56.5	-17.5	74	61.21	39.95	11.79	56.45	342	321	P	H
		11380	48.27	-5.73	54	52.98	39.95	11.79	56.45	342	321	A	H
802.11ac		17070	47.08	-21.12	68.2	48.94	40.16	13.99	56.01	100	0	P	H
VHT80													H
CH 138		11380	55.74	-18.26	74	60.45	39.95	11.79	56.45	381	344	P	V
5690MHz		11380	47.18	-6.82	54	51.89	39.95	11.79	56.45	381	344	A	V
		17070	47	-21.2	68.2	48.86	40.16	13.99	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (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+3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5452.08	57.25	-16.75	74	46.96	32.34	7.54	29.59	209	350	P	H
		5470	64.57	-3.63	68.2	54.24	32.36	7.56	29.59	209	350	P	H
		5452.4	48.29	-5.71	54	38	32.34	7.54	29.59	209	350	A	H
	*	5500	119.12	-	-	108.73	32.4	7.58	29.59	209	350	P	H
	*	5500	111.25	-	-	100.86	32.4	7.58	29.59	209	350	A	H
													H
		5452.56	54.63	-19.37	74	44.34	32.34	7.54	29.59	231	8	P	V
		5470	61.93	-6.27	68.2	51.6	32.36	7.56	29.59	231	8	P	V
		5452.4	46.23	-7.77	54	35.94	32.34	7.54	29.59	231	8	A	V
	*	5500	115.82	-	-	105.43	32.4	7.58	29.59	231	8	P	V
	*	5500	108.13	-	-	97.74	32.4	7.58	29.59	231	8	A	V
													V
802.11a CH 116 5580MHz		5456.56	50.18	-23.82	74	39.89	32.34	7.54	29.59	224	336	P	H
		5469.76	50.32	-17.88	68.2	39.99	32.36	7.56	29.59	224	336	P	H
		5458.96	42.72	-11.28	54	32.43	32.34	7.54	29.59	224	336	A	H
	*	5580	123.23	-	-	112.73	32.47	7.66	29.63	224	336	P	H
	*	5580	115.35	-	-	104.85	32.47	7.66	29.63	224	336	A	H
		5732.24	52.11	-16.09	68.2	41.37	32.62	7.81	29.69	224	336	P	H
		5457.04	49.29	-24.71	74	39	32.34	7.54	29.59	195	296	P	V
		5467.12	49.85	-18.35	68.2	39.52	32.36	7.56	29.59	195	296	P	V
		5457.76	41.15	-12.85	54	30.86	32.34	7.54	29.59	195	296	A	V
	*	5580	119.19	-	-	108.69	32.47	7.66	29.63	195	296	P	V
	*	5580	111.62	-	-	101.12	32.47	7.66	29.63	195	296	A	V
		5763.74	50.93	-17.27	68.2	40.14	32.66	7.84	29.71	195	296	P	V

802.11a CH 140 5700MHz	*	5700	118.12	-	-	107.41	32.59	7.79	29.67	199	343	P	H
	*	5700	110.77	-	-	100.06	32.59	7.79	29.67	199	343	A	H
		5730.44	65.15	-3.05	68.2	54.41	32.62	7.81	29.69	199	343	P	H
													H
													H
													H
	*	5700	114.42	-	-	103.71	32.59	7.79	29.67	241	0	P	V
	*	5700	105.5	-	-	94.79	32.59	7.79	29.67	241	0	A	V
		5725.4	62.6	-5.6	68.2	51.85	32.62	7.81	29.68	241	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	53.32	-20.68	74	58.14	40.1	11.68	56.6	344	328	P	H
		11000	43.61	-10.39	54	48.43	40.1	11.68	56.6	344	328	A	H
		16500	46.13	-22.07	68.2	49.56	38.3	13.97	55.7	100	0	P	H
													H
		11000	49.49	-24.51	74	54.31	40.1	11.68	56.6	100	0	P	V
		16500	46	-22.2	68.2	49.43	38.3	13.97	55.7	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	60.34	-13.66	74	65.12	40.03	11.72	56.53	321	328	P	H
		11160	50.68	-3.32	54	55.46	40.03	11.72	56.53	321	328	A	H
		16740	54.8	-13.4	68.2	57.52	39.12	13.96	55.8	201	19	P	H
		16740	44.68	-9.32	54	47.4	39.12	13.96	55.8	201	19	A	H
		11160	59.04	-14.96	74	63.82	40.03	11.72	56.53	124	26	P	V
		11160	49.72	-4.28	54	54.5	40.03	11.72	56.53	124	26	A	V
		16740	48.72	-19.48	68.2	51.44	39.12	13.96	55.8	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	59.98	-14.02	74	64.69	39.94	11.79	56.44	326	323	P	H
		11400	49.89	-4.11	54	54.6	39.94	11.79	56.44	326	323	A	H
		17100	48.13	-20.07	68.2	49.93	40.24	14.02	56.06	100	0	P	H
													H
		11400	58.78	-15.22	74	63.49	39.94	11.79	56.44	104	28	P	V
		11400	47.71	-6.29	54	52.42	39.94	11.79	56.44	104	28	A	V
		17100	47.91	-20.29	68.2	49.71	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	56.83	-17.17	74	46.54	32.34	7.54	29.59	206	349	P	H
		5465.04	65.28	-2.92	68.2	54.97	32.36	7.54	29.59	206	349	P	H
		5460	48.09	-5.91	54	37.8	32.34	7.54	29.59	206	349	A	H
	*	5500	120.22	-	-	109.83	32.4	7.58	29.59	206	349	P	H
802.11ac	*	5500	111.93	-	-	101.54	32.4	7.58	29.59	206	349	A	H
VHT20													H
CH 100		5459.76	55.02	-18.98	74	44.73	32.34	7.54	29.59	231	5	P	V
5500MHz		5470	65	-3.2	68.2	54.67	32.36	7.56	29.59	231	5	P	V
		5459.76	46.61	-7.39	54	36.32	32.34	7.54	29.59	231	5	A	V
	*	5506	118.36	-	-	107.97	32.4	7.59	29.6	231	5	P	V
	*	5506	108.86	-	-	98.47	32.4	7.59	29.6	231	5	A	V
													V
		5453.44	51.04	-22.96	74	40.75	32.34	7.54	29.59	224	335	P	H
		5469.76	51.51	-16.69	68.2	41.18	32.36	7.56	29.59	224	335	P	H
		5457.52	42.27	-11.73	54	31.98	32.34	7.54	29.59	224	335	A	H
	*	5580	122.61	-	-	112.11	32.47	7.66	29.63	224	335	P	H
802.11ac	*	5580	115.25	-	-	104.75	32.47	7.66	29.63	224	335	A	H
VHT20		5742.635	51.62	-16.58	68.2	40.84	32.64	7.83	29.69	224	335	P	H
CH 116		5454.88	50.43	-23.57	74	40.14	32.34	7.54	29.59	205	291	P	V
5580MHz		5469.04	51.07	-17.13	68.2	40.74	32.36	7.56	29.59	205	291	P	V
		5455.6	41.1	-12.9	54	30.81	32.34	7.54	29.59	205	291	A	V
	*	5580	119.88	-	-	109.38	32.47	7.66	29.63	205	291	P	V
	*	5580	111.87	-	-	101.37	32.47	7.66	29.63	205	291	A	V
		5762.165	50.74	-17.46	68.2	39.95	32.66	7.84	29.71	205	291	P	V

	*	5700	119.53	-	-	108.82	32.59	7.79	29.67	230	337	P	H
	*	5700	111.06	-	-	100.35	32.59	7.79	29.67	230	337	A	H
		5725.24	67.11	-1.09	68.2	56.36	32.62	7.81	29.68	230	337	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	114.97	-	-	104.26	32.59	7.79	29.67	221	50	P	V
5700MHz	*	5700	106.38	-	-	95.67	32.59	7.79	29.67	221	50	A	V
		5725.4	64.63	-3.57	68.2	53.88	32.62	7.81	29.68	221	50	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	52.98	-21.02	74	57.8	40.1	11.68	56.6	124	332	P	H
		11000	43.5	-10.5	54	48.32	40.1	11.68	56.6	124	332	A	H
802.11ac		16500	48.59	-19.61	68.2	52.02	38.3	13.97	55.7	100	0	P	H
VHT20													H
CH 100		11000	53.33	-20.67	74	58.15	40.1	11.68	56.6	142	30	P	V
5500MHz		11000	42.96	-11.04	54	47.78	40.1	11.68	56.6	142	30	A	V
		16500	46.32	-21.88	68.2	49.75	38.3	13.97	55.7	100	0	P	V
													V
		11160	58.41	-15.59	74	63.19	40.03	11.72	56.53	329	330	P	H
		11160	50.23	-3.77	54	55.01	40.03	11.72	56.53	329	330	A	H
802.11ac		16740	53.29	-14.91	68.2	56.01	39.12	13.96	55.8	197	194	P	H
VHT20		16740	43.7	-10.3	54	46.42	39.12	13.96	55.8	197	194	A	H
CH 116		11160	58.41	-15.59	74	63.19	40.03	11.72	56.53	102	28	P	V
5580MHz		11160	48.79	-5.21	54	53.57	40.03	11.72	56.53	102	28	A	V
		16740	48.13	-20.07	68.2	50.85	39.12	13.96	55.8	100	0	P	V
													V
		11400	59.47	-14.53	74	64.18	39.94	11.79	56.44	324	323	P	H
		11400	49.34	-4.66	54	54.05	39.94	11.79	56.44	324	323	A	H
802.11ac		17000	48.08	-20.12	68.2	50.03	40	13.95	55.9	100	0	P	H
VHT20													H
CH 140		11400	58.1	-15.9	74	62.81	39.94	11.79	56.44	108	28	P	V
5700MHz		11400	47.3	-6.7	54	52.01	39.94	11.79	56.44	108	28	A	V
		17100	47.73	-20.47	68.2	49.53	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
		5457.76	62.79	-11.21	74	52.5	32.34	7.54	29.59	222	335	P	H
		5464.72	63.95	-4.25	68.2	53.64	32.36	7.54	29.59	222	335	P	H
		5457.28	51.95	-2.05	54	41.66	32.34	7.54	29.59	222	335	A	H
	*	5510	117.73	-	-	107.34	32.4	7.59	29.6	222	335	P	H
802.11ac	*	5510	108.96	-	-	98.57	32.4	7.59	29.6	222	335	A	H
VHT40		5746.73	53.26	-14.94	68.2	42.48	32.64	7.83	29.69	222	335	P	H
CH 102		5457.52	56.6	-17.4	74	46.31	32.34	7.54	29.59	222	64	P	V
5510MHz		5465.2	61.08	-7.12	68.2	50.77	32.36	7.54	29.59	222	64	P	V
		5458.24	46.61	-7.39	54	36.32	32.34	7.54	29.59	222	64	A	V
	*	5510	111.99	-	-	101.6	32.4	7.59	29.6	222	64	P	V
	*	5510	103.7	-	-	93.31	32.4	7.59	29.6	222	64	A	V
		5764.685	52.5	-15.7	68.2	41.71	32.66	7.84	29.71	222	64	P	V
		5459.92	61.59	-12.41	74	51.3	32.34	7.54	29.59	184	334	P	H
		5470	65.59	-2.61	68.2	55.26	32.36	7.56	29.59	184	334	P	H
		5459.44	51.81	-2.19	54	41.52	32.34	7.54	29.59	184	334	A	H
	*	5550	121.48	-	-	111.01	32.45	7.63	29.61	184	334	P	H
802.11ac	*	5550	112.22	-	-	101.75	32.45	7.63	29.61	184	334	A	H
VHT40		5738.54	52.6	-15.6	68.2	41.82	32.64	7.83	29.69	184	334	P	H
CH 110		5458.48	61.93	-12.07	74	51.64	32.34	7.54	29.59	191	293	P	V
5550MHz		5467.84	64.11	-4.09	68.2	53.78	32.36	7.56	29.59	191	293	P	V
		5459.68	51.39	-2.61	54	41.1	32.34	7.54	29.59	191	293	A	V
	*	5550	117.1	-	-	106.63	32.45	7.63	29.61	191	293	P	V
	*	5550	108.91	-	-	98.44	32.45	7.63	29.61	191	293	A	V
		5762.165	52.64	-15.56	68.2	41.85	32.66	7.84	29.71	191	293	P	V

		5430.5	51.3	-22.7	74	41.04	32.32	7.52	29.58	216	337	P	H
		5468.3	51.19	-17.01	68.2	40.86	32.36	7.56	29.59	216	337	P	H
		5458.85	41.89	-12.11	54	31.6	32.34	7.54	29.59	216	337	A	H
	*	5670	117.13	-	-	106.47	32.57	7.75	29.66	216	337	P	H
802.11ac	*	5670	109.14	-	-	98.48	32.57	7.75	29.66	216	337	A	H
VHT40		5731.925	66.37	-1.83	68.2	55.63	32.62	7.81	29.69	216	337	P	H
CH 134		5443.45	50.78	-23.22	74	40.52	32.32	7.52	29.58	198	293	P	V
5670MHz		5464.8	50.4	-17.8	68.2	40.09	32.36	7.54	29.59	198	293	P	V
		5453.95	41.56	-12.44	54	31.27	32.34	7.54	29.59	198	293	A	V
	*	5670	112.77	-	-	102.11	32.57	7.75	29.66	198	293	P	V
	*	5670	104.82	-	-	94.16	32.57	7.75	29.66	198	293	A	V
		5725	62.73	-5.47	68.2	51.98	32.62	7.81	29.68	198	293	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	47.44	-26.56	74	52.25	40.09	11.69	56.59	100	0	P	H
		16530	45.83	-22.37	68.2	49.15	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	48.2	-25.8	74	53.01	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	46.34	-21.86	68.2	49.66	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	54.61	-19.39	74	59.4	40.06	11.71	56.56	319	330	P	H
		11100	45.84	-8.16	54	50.63	40.06	11.71	56.56	319	330	A	H
802.11ac		16650	49.37	-18.83	68.2	52.33	38.83	13.97	55.76	100	0	P	H
VHT40													H
CH 110		11100	54	-20	74	58.79	40.06	11.71	56.56	150	29	P	V
5550MHz		11100	45.2	-8.8	54	49.99	40.06	11.71	56.56	150	29	A	V
		16650	47.11	-21.09	68.2	50.07	38.83	13.97	55.76	100	0	P	V
													V
		11340	56.79	-17.21	74	61.52	39.97	11.77	56.47	337	324	P	H
		11340	46.4	-7.6	54	51.13	39.97	11.77	56.47	337	324	A	H
802.11ac		17010	48.48	-19.72	68.2	50.41	40.04	13.96	55.93	100	0	P	H
VHT40													H
CH 134		11340	54.45	-19.55	74	59.18	39.97	11.77	56.47	103	27	P	V
5670MHz		11340	44.56	-9.44	54	49.29	39.97	11.77	56.47	103	27	A	V
		17010	47.92	-20.28	68.2	49.85	40.04	13.96	55.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
		5453.68	62.85	-11.15	74	52.56	32.34	7.54	29.59	195	334	P	H
		5470	62.8	-5.4	68.2	52.47	32.36	7.56	29.59	195	334	P	H
		5454.16	52.86	-1.14	54	42.57	32.34	7.54	29.59	195	334	A	H
	*	5530	109.22	-	-	98.8	32.42	7.61	29.61	195	334	P	H
802.11ac	*	5530	100.97	-	-	90.55	32.42	7.61	29.61	195	334	A	H
VHT80		5753.345	52.04	-16.16	68.2	41.24	32.66	7.83	29.69	195	334	P	H
CH 106		5458.96	58.01	-15.99	74	47.72	32.34	7.54	29.59	196	292	P	V
5530MHz		5467.12	60.94	-7.26	68.2	50.61	32.36	7.56	29.59	196	292	P	V
		5458.72	47.88	-6.12	54	37.59	32.34	7.54	29.59	196	292	A	V
	*	5530	107.71	-	-	97.29	32.42	7.61	29.61	196	292	P	V
	*	5530	98.8	-	-	88.38	32.42	7.61	29.61	196	292	A	V
		5750.195	51.75	-16.45	68.2	40.97	32.64	7.83	29.69	196	292	P	V
		5451.28	56.16	-17.84	74	45.87	32.34	7.54	29.59	237	343	P	H
		5469.76	59.13	-9.07	68.2	48.8	32.36	7.56	29.59	237	343	P	H
		5452.96	47.54	-6.46	54	37.25	32.34	7.54	29.59	237	343	A	H
	*	5610	111.26	-	-	100.7	32.5	7.7	29.64	237	343	P	H
802.11ac	*	5610	103.37	-	-	92.81	32.5	7.7	29.64	237	343	A	H
VHT80		5729.72	66.91	-1.29	68.2	56.16	32.62	7.81	29.68	237	343	P	H
CH 122		5454.16	53.28	-20.72	74	42.99	32.34	7.54	29.59	220	357	P	V
5610MHz		5467.12	56.85	-11.35	68.2	46.52	32.36	7.56	29.59	220	357	P	V
		5451.52	44.19	-9.81	54	33.9	32.34	7.54	29.59	220	357	A	V
	*	5610	108.96	-	-	98.4	32.5	7.7	29.64	220	357	P	V
	*	5610	101.21	-	-	90.65	32.5	7.7	29.64	220	357	A	V
		5737.28	63.8	-4.4	68.2	53.02	32.64	7.83	29.69	220	357	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	46.58	-27.42	74	51.38	40.07	11.7	56.57	100	0	P	H
		16590	45.3	-22.9	68.2	48.48	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.21	-26.79	74	52.01	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	45.88	-22.32	68.2	49.06	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	52.57	-21.43	74	57.33	40.01	11.74	56.51	336	324	P	H
		11220	43.45	-10.55	54	48.21	40.01	11.74	56.51	336	324	A	H
802.11ac		16830	46.54	-21.66	68.2	49	39.41	13.96	55.83	100	0	P	H
VHT80													H
CH 122		11220	48.37	-25.63	74	53.13	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	46.7	-21.5	68.2	49.16	39.41	13.96	55.83	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

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+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	121.44	-	-	110.69	32.62	7.81	29.68	278	333	P	H
	*	5720	113.57	-	-	102.82	32.62	7.81	29.68	278	333	A	H
													H
													H
													H
													H
	*	5720	116.77	-	-	106.02	32.62	7.81	29.68	400	73	P	V
	*	5720	109.06	-	-	98.31	32.62	7.81	29.68	400	73	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2+3+4	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	62.65	-11.35	74	67.36	39.93	11.79	56.43	317	317	P	H
		11440	52.64	-1.36	54	57.35	39.93	11.79	56.43	317	317	A	H
		17160	52.89	-15.31	68.2	54.62	40.4	14.04	56.17	118	344	P	H
		17160	42.48	-11.52	54	44.21	40.4	14.04	56.17	118	344	A	H
		11440	60.08	-13.92	74	64.79	39.93	11.79	56.43	101	28	P	V
		11440	50.99	-3.01	54	55.7	39.93	11.79	56.43	101	28	A	V
		17160	49.91	-18.29	68.2	51.64	40.4	14.04	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
	*	5720	122.35	-	-	111.6	32.62	7.81	29.68	295	338	P	H
	*	5720	114.63	-	-	103.88	32.62	7.81	29.68	295	338	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	118.3	-	-	107.55	32.62	7.81	29.68	208	291	P	V
5720MHz	*	5720	110.27	-	-	99.52	32.62	7.81	29.68	208	291	A	V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 144 5720MHz		11440	62.98	-11.02	74	67.69	39.93	11.79	56.43	327	324	P	H
		11440	52.89	-1.11	54	57.6	39.93	11.79	56.43	327	324	A	H
		17160	53.82	-14.38	68.2	55.55	40.4	14.04	56.17	120	343	P	H
		17160	43.55	-10.45	54	45.28	40.4	14.04	56.17	120	343	A	H
		11440	60.48	-13.52	74	65.19	39.93	11.79	56.43	106	28	P	V
		11440	51.34	-2.66	54	56.05	39.93	11.79	56.43	106	28	A	V
		17160	52.39	-15.81	68.2	54.12	40.4	14.04	56.17	105	343	P	V
		17160	42.29	-11.71	54	44.02	40.4	14.04	56.17	105	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
	*	5710	120.58	-	-	109.86	32.61	7.79	29.68	237	330	P	H
	*	5710	112.38	-	-	101.66	32.61	7.79	29.68	237	330	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	113.86	-	-	103.14	32.61	7.79	29.68	193	291	P	V
5710MHz	*	5710	106.05	-	-	95.33	32.61	7.79	29.68	193	291	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 2+3+4	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)
		11420	61.09	-12.91	74	65.8	39.93	11.79	56.43	316	323	P	H
		11420	51.72	-2.28	54	56.43	39.93	11.79	56.43	316	323	A	H
802.11ac		17130	51.61	-16.59	68.2	53.36	40.32	14.04	56.11	100	0	P	H
VHT40													H
CH 142		11420	58.94	-15.06	74	63.65	39.93	11.79	56.43	100	29	P	V
5710MHz		11420	49.29	-4.71	54	54	39.93	11.79	56.43	100	29	A	V
		17130	50.86	-17.34	68.2	52.61	40.32	14.04	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
	*	5690	116.22	-	-	105.53	32.59	7.77	29.67	240	336	P	H
	*	5690	108.1	-	-	97.41	32.59	7.77	29.67	240	336	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	111.4	-	-	100.71	32.59	7.77	29.67	220	295	P	V
5690MHz	*	5690	103.64	-	-	92.95	32.59	7.77	29.67	220	295	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2+3+4	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)
		11380	58.18	-15.82	74	62.89	39.95	11.79	56.45	330	326	P	H
		11380	47.91	-6.09	54	52.62	39.95	11.79	56.45	330	326	A	H
802.11ac		17070	47.52	-20.68	68.2	49.38	40.16	13.99	56.01	100	0	P	H
VHT80													H
CH 138		11380	56	-18	74	60.71	39.95	11.79	56.45	197	10	P	V
5690MHz		11380	46.11	-7.89	54	50.82	39.95	11.79	56.45	197	10	A	V
		17070	48.41	-19.79	68.2	50.27	40.16	13.99	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2+3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5452.08	55.99	-18.01	74	45.7	32.34	7.54	29.59	250	329	P	H
		5468.72	64.55	-3.65	68.2	54.22	32.36	7.56	29.59	250	329	P	H
		5452.4	48.57	-5.43	54	38.28	32.34	7.54	29.59	250	329	A	H
	*	5500	120.42	-	-	110.03	32.4	7.58	29.59	250	329	P	H
	*	5500	113.26	-	-	102.87	32.4	7.58	29.59	250	329	A	H
													H
		5455.28	54.68	-19.32	74	44.39	32.34	7.54	29.59	356	347	P	V
		5469.84	60.01	-8.19	68.2	49.68	32.36	7.56	29.59	356	347	P	V
		5456.08	47.86	-6.14	54	37.57	32.34	7.54	29.59	356	347	A	V
	*	5500	115.64	-	-	105.25	32.4	7.58	29.59	356	347	P	V
	*	5500	107.86	-	-	97.47	32.4	7.58	29.59	356	347	A	V
													V

802.11a CH 116 5580MHz		5457.76	54.82	-19.18	74	44.53	32.34	7.54	29.59	267	335	P	H
		5464.96	59.87	-8.33	68.2	49.56	32.36	7.54	29.59	267	335	P	H
		5459.92	46.57	-7.43	54	36.28	32.34	7.54	29.59	267	335	A	H
	*	5580	125.73	-	-	115.23	32.47	7.66	29.63	267	335	P	H
	*	5580	118.04	-	-	107.54	32.47	7.66	29.63	267	335	A	H
		5731.61	55.12	-13.08	68.2	44.38	32.62	7.81	29.69	267	335	P	H
		5392.24	51	-23	74	40.84	32.26	7.48	29.58	359	354	P	V
		5468.8	50.64	-17.56	68.2	40.31	32.36	7.56	29.59	359	354	P	V
		5452.72	41.82	-12.18	54	31.53	32.34	7.54	29.59	359	354	A	V
	*	5580	118.6	-	-	108.1	32.47	7.66	29.63	359	354	P	V
	*	5580	111.77	-	-	101.27	32.47	7.66	29.63	359	354	A	V
		5749.565	49.89	-18.31	68.2	39.11	32.64	7.83	29.69	359	354	P	V
802.11a CH 140 5700MHz	*	5700	119.23	-	-	108.52	32.59	7.79	29.67	257	333	P	H
	*	5700	111.76	-	-	101.05	32.59	7.79	29.67	257	333	A	H
		5726.6	66.54	-1.66	68.2	55.79	32.62	7.81	29.68	257	333	P	H
													H
													H
													H
	*	5700	114.44	-	-	103.73	32.59	7.79	29.67	360	354	P	V
	*	5700	106.47	-	-	95.76	32.59	7.79	29.67	360	354	A	V
		5736.44	56	-12.2	68.2	45.22	32.64	7.83	29.69	360	354	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.48	-24.52	74	54.3	40.1	11.68	56.6	100	0	P	H
		16500	47.12	-21.08	68.2	50.55	38.3	13.97	55.7	100	0	P	H
													H
													H
		11000	48.86	-25.14	74	53.68	40.1	11.68	56.6	100	0	P	V
		16500	46.14	-22.06	68.2	49.57	38.3	13.97	55.7	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	60.08	-13.92	74	64.86	40.03	11.72	56.53	170	340	P	H
		11160	50.95	-3.05	54	55.73	40.03	11.72	56.53	170	340	A	H
		16740	54.06	-14.14	68.2	56.78	39.12	13.96	55.8	130	30	P	H
		16740	42.79	-11.21	54	45.51	39.12	13.96	55.8	130	30	A	H
		11160	55.89	-18.11	74	60.67	40.03	11.72	56.53	225	26	P	V
		11160	47.12	-6.88	54	51.9	40.03	11.72	56.53	225	26	A	V
		16740	48.26	-19.94	68.2	50.98	39.12	13.96	55.8	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	58.03	-15.97	74	62.74	39.94	11.79	56.44	302	317	P	H
		11400	48.11	-5.89	54	52.82	39.94	11.79	56.44	302	317	A	H
		17100	48.98	-19.22	68.2	50.78	40.24	14.02	56.06	100	0	P	H
													H
		11400	56.6	-17.4	74	61.31	39.94	11.79	56.44	197	12	P	V
		11400	46.69	-7.31	54	51.4	39.94	11.79	56.44	197	12	A	V
		17100	49.87	-18.33	68.2	51.67	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5453.04	55.27	-18.73	74	44.98	32.34	7.54	29.59	251	330	P	H
		5469.04	64.93	-3.27	68.2	54.6	32.36	7.56	29.59	251	330	P	H
		5452.4	48.48	-5.52	54	38.19	32.34	7.54	29.59	251	330	A	H
	*	5500	120.11	-	-	109.72	32.4	7.58	29.59	251	330	P	H
802.11ac	*	5500	113.18	-	-	102.79	32.4	7.58	29.59	251	330	A	H
VHT20													H
CH 100		5456.72	55.31	-18.69	74	45.02	32.34	7.54	29.59	356	354	P	V
5500MHz		5469.84	58.89	-9.31	68.2	48.56	32.36	7.56	29.59	356	354	P	V
		5456.08	47.86	-6.14	54	37.57	32.34	7.54	29.59	356	354	A	V
	*	5500	115.62	-	-	105.23	32.4	7.58	29.59	356	354	P	V
	*	5500	107.83	-	-	97.44	32.4	7.58	29.59	356	354	A	V
													V
		5452.24	52.74	-21.26	74	42.45	32.34	7.54	29.59	253	331	P	H
		5466.88	58.81	-9.39	68.2	48.48	32.36	7.56	29.59	253	331	P	H
		5459.92	44.28	-9.72	54	33.99	32.34	7.54	29.59	253	331	A	H
	*	5580	125.65	-	-	115.15	32.47	7.66	29.63	253	331	P	H
802.11ac	*	5580	117.59	-	-	107.09	32.47	7.66	29.63	253	331	A	H
VHT20		5730.665	55.62	-12.58	68.2	44.88	32.62	7.81	29.69	253	331	P	H
CH 116		5442.88	50.7	-23.3	74	40.44	32.32	7.52	29.58	358	355	P	V
5580MHz		5470	49.16	-19.04	68.2	38.83	32.36	7.56	29.59	358	355	P	V
		5457.04	41.24	-12.76	54	30.95	32.34	7.54	29.59	358	355	A	V
	*	5580	119.02	-	-	108.52	32.47	7.66	29.63	358	355	P	V
	*	5580	111.33	-	-	100.83	32.47	7.66	29.63	358	355	A	V
		5764.685	52.19	-16.01	68.2	41.4	32.66	7.84	29.71	358	355	P	V

	*	5700	119.81	-	-	109.1	32.59	7.79	29.67	253	333	P	H
	*	5700	110.95	-	-	100.24	32.59	7.79	29.67	253	333	A	H
		5725.64	63.17	-5.03	68.2	52.42	32.62	7.81	29.68	253	333	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	113.03	-	-	102.32	32.59	7.79	29.67	358	354	P	V
5700MHz	*	5700	105.76	-	-	95.05	32.59	7.79	29.67	358	354	A	V
		5735.96	55.76	-12.44	68.2	44.98	32.64	7.83	29.69	358	354	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.51	-24.49	74	54.33	40.1	11.68	56.6	100	0	P	H
		16500	46.97	-21.23	68.2	50.4	38.3	13.97	55.7	100	0	P	H
802.11ac													H
VHT20													H
CH 100		11000	49.12	-24.88	74	53.94	40.1	11.68	56.6	100	0	P	V
5500MHz		16500	45.94	-22.26	68.2	49.37	38.3	13.97	55.7	100	0	P	V
													V
													V
		11160	58.82	-15.18	74	63.6	40.03	11.72	56.53	300	320	P	H
		11160	49.57	-4.43	54	54.35	40.03	11.72	56.53	300	320	A	H
802.11ac		16740	54.04	-14.16	68.2	56.76	39.12	13.96	55.8	100	0	P	H
VHT20													H
CH 116		11160	56.67	-17.33	74	61.45	40.03	11.72	56.53	196	10	P	V
5580MHz		11160	47.93	-6.07	54	52.71	40.03	11.72	56.53	196	10	A	V
		16740	49.52	-18.68	68.2	52.24	39.12	13.96	55.8	100	0	P	V
													V
		11400	56.69	-17.31	74	61.4	39.94	11.79	56.44	303	316	P	H
		11400	46.79	-7.21	54	51.5	39.94	11.79	56.44	303	316	A	H
802.11ac		17100	49.19	-19.01	68.2	50.99	40.24	14.02	56.06	100	0	P	H
VHT20													H
CH 140		11400	55.05	-18.95	74	59.76	39.94	11.79	56.44	201	11	P	V
5700MHz		11400	44.83	-9.17	54	49.54	39.94	11.79	56.44	201	11	A	V
		17100	48.32	-19.88	68.2	50.12	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5458.48	57.64	-16.36	74	47.35	32.34	7.54	29.59	253	332	P	H
		5467.12	62.38	-5.82	68.2	52.05	32.36	7.56	29.59	253	332	P	H
		5458.72	50.4	-3.6	54	40.11	32.34	7.54	29.59	253	332	A	H
	*	5510	116.76	-	-	106.37	32.4	7.59	29.6	253	332	P	H
802.11ac	*	5510	108.68	-	-	98.29	32.4	7.59	29.6	253	332	A	H
VHT40		5756.81	50.77	-17.43	68.2	39.98	32.66	7.84	29.71	253	332	P	H
CH 102		5459.44	52.39	-21.61	74	42.1	32.34	7.54	29.59	352	349	P	V
5510MHz		5467.12	56.94	-11.26	68.2	46.61	32.36	7.56	29.59	352	349	P	V
		5459.68	44.95	-9.05	54	34.66	32.34	7.54	29.59	352	349	A	V
	*	5510	111.06	-	-	100.67	32.4	7.59	29.6	352	349	P	V
	*	5510	103.12	-	-	92.73	32.4	7.59	29.6	352	349	A	V
		5727.83	51.73	-16.47	68.2	40.98	32.62	7.81	29.68	352	349	P	V
		5459.44	60.82	-13.18	74	50.53	32.34	7.54	29.59	259	330	P	H
		5461.6	59.56	-8.64	68.2	49.27	32.34	7.54	29.59	259	330	P	H
		5459.92	51.77	-2.23	54	41.48	32.34	7.54	29.59	259	330	A	H
	*	5550	122.01	-	-	111.54	32.45	7.63	29.61	259	330	P	H
802.11ac	*	5550	112.92	-	-	102.45	32.45	7.63	29.61	259	330	A	H
VHT40		5732.555	53.57	-14.63	68.2	42.83	32.62	7.81	29.69	259	330	P	H
CH 110		5458.48	55.05	-18.95	74	44.76	32.34	7.54	29.59	347	351	P	V
5550MHz		5465.44	60.59	-7.61	68.2	50.28	32.36	7.54	29.59	347	351	P	V
		5459.92	47.1	-6.9	54	36.81	32.34	7.54	29.59	347	351	A	V
	*	5550	116.84	-	-	106.37	32.45	7.63	29.61	347	351	P	V
	*	5550	107.92	-	-	97.45	32.45	7.63	29.61	347	351	A	V
		5745.785	50.41	-17.79	68.2	39.63	32.64	7.83	29.69	347	351	P	V

		5452.2	49.9	-24.1	74	39.61	32.34	7.54	29.59	253	330	P	H
		5466.55	51.13	-17.07	68.2	40.8	32.36	7.56	29.59	253	330	P	H
		5459.9	42	-12	54	31.71	32.34	7.54	29.59	253	330	A	H
	*	5670	117.62	-	-	106.96	32.57	7.75	29.66	253	330	P	H
802.11ac	*	5670	109.63	-	-	98.97	32.57	7.75	29.66	253	330	A	H
VHT40		5735.39	65.72	-2.48	68.2	54.96	32.64	7.81	29.69	253	330	P	H
CH 134		5453.95	50.55	-23.45	74	40.26	32.34	7.54	29.59	344	350	P	V
5670MHz		5462.35	50.91	-17.29	68.2	40.62	32.34	7.54	29.59	344	350	P	V
		5459.2	41.35	-12.65	54	31.06	32.34	7.54	29.59	344	350	A	V
	*	5670	113.33	-	-	102.67	32.57	7.75	29.66	344	350	P	V
	*	5670	105.03	-	-	94.37	32.57	7.75	29.66	344	350	A	V
		5725.31	65.49	-2.71	68.2	54.74	32.62	7.81	29.68	344	350	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	46.8	-27.2	74	51.61	40.09	11.69	56.59	100	0	P	H
		16530	47.12	-21.08	68.2	50.44	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	47.91	-26.09	74	52.72	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	47.42	-20.78	68.2	50.74	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	54.52	-19.48	74	59.31	40.06	11.71	56.56	283	343	P	H
		11100	45.34	-8.66	54	50.13	40.06	11.71	56.56	283	343	A	H
802.11ac		16650	49.61	-18.59	68.2	52.57	38.83	13.97	55.76	100	0	P	H
VHT40													H
CH 110		11100	53.37	-20.63	74	58.16	40.06	11.71	56.56	300	350	P	V
5550MHz		11100	44.77	-9.23	54	49.56	40.06	11.71	56.56	300	350	A	V
		16650	46.8	-21.4	68.2	49.76	38.83	13.97	55.76	100	0	P	V
													V
		11340	54.68	-19.32	74	59.41	39.97	11.77	56.47	316	322	P	H
		11340	45.99	-8.01	54	50.72	39.97	11.77	56.47	316	322	A	H
802.11ac		17010	53.28	-14.92	68.2	55.2	40.04	13.96	55.93	100	0	P	H
VHT40													H
CH 134		11340	52.87	-21.13	74	57.6	39.97	11.77	56.47	200	8	P	V
5670MHz		11340	43.47	-10.53	54	48.2	39.97	11.77	56.47	200	8	A	V
		17010	47.54	-20.66	68.2	49.47	40.04	13.96	55.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5458.24	61.69	-12.31	74	51.4	32.34	7.54	29.59	252	331	P	H
		5464.72	61.05	-7.15	68.2	50.74	32.36	7.54	29.59	252	331	P	H
		5458.96	52.96	-1.04	54	42.67	32.34	7.54	29.59	252	331	A	H
	*	5530	109.6	-	-	99.18	32.42	7.61	29.61	252	331	P	H
802.11ac	*	5530	101.27	-	-	90.85	32.42	7.61	29.61	252	331	A	H
VHT80		5744.525	52.95	-15.25	68.2	42.17	32.64	7.83	29.69	252	331	P	H
CH 106		5448.4	55.39	-18.61	74	45.09	32.34	7.54	29.58	345	351	P	V
5530MHz		5464.72	59.52	-8.68	68.2	49.21	32.36	7.54	29.59	345	351	P	V
		5446.72	46.34	-7.66	54	36.06	32.34	7.52	29.58	345	351	A	V
	*	5530	104.14	-	-	93.72	32.42	7.61	29.61	345	351	P	V
	*	5530	96.15	-	-	85.73	32.42	7.61	29.61	345	351	A	V
		5726.57	51.25	-16.95	68.2	40.5	32.62	7.81	29.68	345	351	P	V
		5458.24	59.48	-14.52	74	49.19	32.34	7.54	29.59	255	330	P	H
		5466.16	55.75	-12.45	68.2	45.42	32.36	7.56	29.59	255	330	P	H
		5457.04	46.53	-7.47	54	36.24	32.34	7.54	29.59	255	330	A	H
	*	5610	113.75	-	-	103.19	32.5	7.7	29.64	255	330	P	H
802.11ac	*	5610	105.63	-	-	95.07	32.5	7.7	29.64	255	330	A	H
VHT80		5736.02	65.77	-2.43	68.2	54.99	32.64	7.83	29.69	255	330	P	H
CH 122		5458.48	53.21	-20.79	74	42.92	32.34	7.54	29.59	352	355	P	V
5610MHz		5465.44	54.6	-13.6	68.2	44.29	32.36	7.54	29.59	352	355	P	V
		5459.2	42.86	-11.14	54	32.57	32.34	7.54	29.59	352	355	A	V
	*	5610	109.23	-	-	98.67	32.5	7.7	29.64	352	355	P	V
	*	5610	100.97	-	-	90.41	32.5	7.7	29.64	352	355	A	V
		5725	62.56	-5.64	68.2	51.81	32.62	7.81	29.68	352	355	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.42	-26.58	74	52.22	40.07	11.7	56.57	100	0	P	H
		16590	49.72	-18.48	68.2	52.9	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.08	-26.92	74	51.88	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	46.55	-21.65	68.2	49.73	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	51.21	-22.79	74	55.97	40.01	11.74	56.51	328	324	P	H
		11220	42.38	-11.62	54	47.14	40.01	11.74	56.51	328	324	A	H
802.11ac		16830	48.36	-19.84	68.2	50.82	39.41	13.96	55.83	100	0	P	H
VHT80													H
CH 122		11220	48.71	-25.29	74	53.47	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	48.05	-20.15	68.2	50.51	39.41	13.96	55.83	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2+3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	122.88	-	-	112.13	32.62	7.81	29.68	183	12	P	H
	*	5720	115.3	-	-	104.55	32.62	7.81	29.68	183	12	A	H
													H
													H
													H
													H
	*	5720	118.97	-	-	108.22	32.62	7.81	29.68	186	65	P	V
	*	5720	111.05	-	-	100.3	32.62	7.81	29.68	186	65	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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	61.74	-12.26	74	66.45	39.93	11.79	56.43	313	317	P	H
		11440	52.27	-1.73	54	56.98	39.93	11.79	56.43	313	317	A	H
		17160	49.8	-18.4	68.2	51.53	40.4	14.04	56.17	100	0	P	H
													H
		11440	60.61	-13.39	74	65.32	39.93	11.79	56.43	196	5	P	V
		11440	50.75	-3.25	54	55.46	39.93	11.79	56.43	196	5	A	V
		17160	48.3	-19.9	68.2	50.03	40.4	14.04	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
	*	5720	124.72	-	-	113.97	32.62	7.81	29.68	183	13	P	H
	*	5720	115.9	-	-	105.15	32.62	7.81	29.68	183	13	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	120.47	-	-	109.72	32.62	7.81	29.68	186	65	P	V
5720MHz	*	5720	112.31	-	-	101.56	32.62	7.81	29.68	186	65	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11440	62.5	-11.5	74	67.21	39.93	11.79	56.43	309	317	P	H
		11440	52.44	-1.56	54	57.15	39.93	11.79	56.43	309	317	A	H
802.11ac		17160	50.43	-17.77	68.2	52.16	40.4	14.04	56.17	100	0	P	H
VHT20													H
CH 144		11440	61.09	-12.91	74	65.8	39.93	11.79	56.43	183	7	P	V
5720MHz		11440	51.03	-2.97	54	55.74	39.93	11.79	56.43	183	7	A	V
		17160	49.21	-18.99	68.2	50.94	40.4	14.04	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
	*	5710	122.04	-	-	111.32	32.61	7.79	29.68	239	332	P	H
	*	5710	114.37	-	-	103.65	32.61	7.79	29.68	239	332	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	117.25	-	-	106.53	32.61	7.79	29.68	301	61	P	V
5710MHz	*	5710	110.19	-	-	99.47	32.61	7.79	29.68	301	61	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11420	61.93	-12.07	74	66.64	39.93	11.79	56.43	324	324	P	H
		11420	52.06	-1.94	54	56.77	39.93	11.79	56.43	324	324	A	H
802.11ac		17130	51.21	-16.99	68.2	52.96	40.32	14.04	56.11	100	0	P	H
VHT40													H
CH 142		11420	58.71	-15.29	74	63.42	39.93	11.79	56.43	207	11	P	V
5710MHz		11420	49.77	-4.23	54	54.48	39.93	11.79	56.43	207	11	A	V
		17130	49.79	-18.41	68.2	51.54	40.32	14.04	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
	*	5690	118.35	-	-	107.66	32.59	7.77	29.67	263	0	P	H
	*	5690	110.16	-	-	99.47	32.59	7.77	29.67	263	0	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	113.96	-	-	103.27	32.59	7.77	29.67	199	64	P	V
5690MHz	*	5690	105.71	-	-	95.02	32.59	7.77	29.67	199	64	A	V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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 138 5690MHz		11380	57.92	-16.08	74	62.63	39.95	11.79	56.45	320	321	P	H
		11380	47.56	-6.44	54	52.27	39.95	11.79	56.45	320	321	A	H
		17070	48.67	-19.53	68.2	50.53	40.16	13.99	56.01	100	0	P	H
													H
		11380	55.68	-18.32	74	60.39	39.95	11.79	56.45	191	5	P	V
		11380	45.98	-8.02	54	50.69	39.95	11.79	56.45	191	5	A	V
		17070	47.85	-20.35	68.2	49.71	40.16	13.99	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

<TXBF Mode >

Band 2 - 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5135.66	47.05	-26.95	74	41.94	31.96	7.34	34.19	291	38	P	H
		5136	37.05	-16.95	54	31.94	31.96	7.34	34.19	291	38	A	H
	*	5260	112.58	-	-	107.23	32.12	7.41	34.18	291	38	P	H
	*	5260	104.09	-	-	98.74	32.12	7.41	34.18	291	38	A	H
802.11ac		5444.88	45.22	-28.78	74	39.54	32.32	7.52	34.16	291	38	P	H
VHT20		5350.32	36.84	-17.16	54	31.33	32.22	7.46	34.17	291	38	A	H
CH 52		5123.42	52.99	-21.01	74	43.25	31.96	7.33	29.55	303	358	P	V
5260MHz		5136	42.53	-11.47	54	32.78	31.96	7.34	29.55	303	358	A	V
	*	5260	117.53	-	-	107.56	32.12	7.41	29.56	303	358	P	V
	*	5260	109	-	-	99.03	32.12	7.41	29.56	303	358	A	V
		5356.56	51.06	-22.94	74	40.95	32.22	7.46	29.57	303	358	P	V
		5350.8	41.78	-12.22	54	31.67	32.22	7.46	29.57	303	358	A	V

		5092.14	50.18	-23.82	74	40.48	31.92	7.32	29.54	381	23	P	H
		5136	41.53	-12.47	54	31.78	31.96	7.34	29.55	381	23	A	H
	*	5300	108.55	-	-	98.53	32.16	7.43	29.57	381	23	A	H
	*	5302	116.9	-	-	106.88	32.16	7.43	29.57	381	23	P	H
802.11ac		5351.52	50.81	-23.19	74	40.7	32.22	7.46	29.57	381	23	P	H
VHT20		5350.8	42	-12	54	31.89	32.22	7.46	29.57	381	23	A	H
CH 60		5132.26	52.83	-21.17	74	43.08	31.96	7.34	29.55	360	360	P	V
5300MHz		5136	41.41	-12.59	54	31.66	31.96	7.34	29.55	360	360	A	V
	*	5300	116.87	-	-	106.85	32.16	7.43	29.57	360	360	P	V
	*	5300	110.15	-	-	100.13	32.16	7.43	29.57	360	360	P	V
		5359.92	50.4	-23.6	74	40.28	32.22	7.47	29.57	360	360	P	V
		5351.28	42.14	-11.86	54	32.03	32.22	7.46	29.57	360	360	A	V
	*	5320	115.96	-	-	105.91	32.18	7.44	29.57	389	0	P	H
	*	5320	108.18	-	-	98.13	32.18	7.44	29.57	389	0	A	H
		5353.12	56.01	-17.99	74	45.9	32.22	7.46	29.57	389	0	P	H
		5350.72	42.8	-11.2	54	32.69	32.22	7.46	29.57	389	0	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	116.56	-	-	106.51	32.18	7.44	29.57	399	360	P	V
5320MHz	*	5320	108.6	-	-	98.55	32.18	7.44	29.57	399	360	A	V
		5353.6	52.69	-21.31	74	42.58	32.22	7.46	29.57	399	360	P	V
		5350.24	44.61	-9.39	54	34.5	32.22	7.46	29.57	399	360	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	48.78	-19.42	68.2	54.85	39.52	11.4	56.99	100	0	P	H
		15780	45.33	-28.67	74	50.11	37.68	13.87	56.33	100	0	P	H
802.11ac													H
VHT20													H
CH 52		10520	47.65	-20.55	68.2	53.72	39.52	11.4	56.99	100	0	P	V
5260MHz		15780	46.32	-27.68	74	51.1	37.68	13.87	56.33	100	0	P	V
													V
													V
		10600	46.98	-27.02	74	52.84	39.62	11.44	56.92	100	0	P	H
		15900	45.79	-28.21	74	50.75	37.37	13.93	56.26	100	0	P	H
802.11ac													H
VHT20													H
CH 60		10600	47.17	-26.83	74	53.03	39.62	11.44	56.92	100	0	P	V
5300MHz		15900	47.64	-26.36	74	52.6	37.37	13.93	56.26	100	0	P	V
													V
													V
		10640	47.6	-26.4	74	53.36	39.67	11.46	56.89	100	0	P	H
		15960	47.37	-26.63	74	52.45	37.19	13.95	56.22	100	0	P	H
802.11ac													H
VHT20													H
CH 64		10640	47.67	-26.33	74	53.43	39.67	11.46	56.89	100	0	P	V
5320MHz		15960	47.39	-26.61	74	52.47	37.19	13.95	56.22	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.94	52.08	-21.92	74	42.3	31.98	7.35	29.55	184	230	P	H
		5135.66	41.65	-12.35	54	31.9	31.96	7.34	29.55	184	230	A	H
	*	5270	112.57	-	-	102.59	32.12	7.42	29.56	184	230	P	H
	*	5270	104.02	-	-	94.04	32.12	7.42	29.56	184	230	A	H
802.11ac		5354.4	49.55	-24.45	74	39.44	32.22	7.46	29.57	184	230	P	H
VHT40		5353.44	45.33	-8.67	54	35.22	32.22	7.46	29.57	184	230	A	H
CH 54		5143.14	50.55	-23.45	74	40.77	31.98	7.35	29.55	330	360	P	V
5270MHz		5136	42.38	-11.62	54	32.63	31.96	7.34	29.55	330	360	A	V
	*	5270	115.14	-	-	105.16	32.12	7.42	29.56	330	360	P	V
	*	5270	108.46	-	-	98.48	32.12	7.42	29.56	330	360	A	V
		5354.16	49.31	-24.69	74	39.2	32.22	7.46	29.57	330	360	P	V
		5352.24	44.28	-9.72	54	34.17	32.22	7.46	29.57	330	360	A	V
		5117.64	49.94	-24.06	74	40.21	31.94	7.33	29.54	200	231	P	H
		5120.02	41.13	-12.87	54	31.41	31.94	7.33	29.55	200	231	A	H
	*	5310	111.1	-	-	101.05	32.18	7.44	29.57	200	231	P	H
	*	5310	103.54	-	-	93.49	32.18	7.44	29.57	200	231	A	H
802.11ac		5350.8	56.43	-17.57	74	46.32	32.22	7.46	29.57	200	231	P	H
VHT40		5358.24	51.95	-2.05	54	41.83	32.22	7.47	29.57	200	231	A	H
CH 62		5136.34	49.47	-24.53	74	39.72	31.96	7.34	29.55	380	360	P	V
5310MHz		5136	41.68	-12.32	54	31.93	31.96	7.34	29.55	380	360	A	V
	*	5310	114.21	-	-	104.16	32.18	7.44	29.57	380	360	P	V
	*	5310	106.03	-	-	95.98	32.18	7.44	29.57	380	360	A	V
		5350.08	54.77	-19.23	74	44.66	32.22	7.46	29.57	380	360	P	V
		5367.6	48.43	-5.57	54	38.29	32.24	7.47	29.57	380	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	47.41	-20.79	68.2	53.43	39.54	11.41	56.97	100	0	P	H
		15810	45.31	-28.69	74	50.14	37.59	13.89	56.31	100	0	P	H
802.11ac													H
VHT40													H
CH 54		10540	47.75	-20.45	68.2	53.77	39.54	11.41	56.97	100	0	P	V
5270MHz		15810	44.72	-29.28	74	49.55	37.59	13.89	56.31	100	0	P	V
													V
													V
		10620	46.12	-27.88	74	51.93	39.64	11.45	56.9	100	0	P	H
		15930	44.78	-29.22	74	49.79	37.28	13.95	56.24	100	0	P	H
802.11ac													H
VHT40													H
CH 62		10620	46.2	-27.8	74	52.01	39.64	11.45	56.9	100	0	P	V
5310MHz		15930	44.28	-29.72	74	49.29	37.28	13.95	56.24	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5138.32	59.6	-14.4	74	49.85	31.96	7.34	29.55	330	38	P	H
		5145.34	51.94	-2.06	54	42.16	31.98	7.35	29.55	330	38	A	H
	*	5210	108.75	-	-	98.87	32.06	7.38	29.56	330	38	P	H
	*	5210	100.53	-	-	90.65	32.06	7.38	29.56	330	38	A	H
		5381.04	49.84	-24.16	74	39.68	32.26	7.48	29.58	330	38	P	H
		5350	41.7	-12.3	54	31.59	32.22	7.46	29.57	330	38	A	H
		5145.86	58.87	-15.13	74	49.09	31.98	7.35	29.55	319	342	P	V
		5145.6	52.06	-1.94	54	42.28	31.98	7.35	29.55	319	342	A	V
	*	5210	110.51	-	-	100.63	32.06	7.38	29.56	319	342	P	V
	*	5210	102.92	-	-	93.04	32.06	7.38	29.56	319	342	A	V
		5364.52	49.54	-24.46	74	39.4	32.24	7.47	29.57	319	342	P	V
		5350.24	41.41	-12.59	54	31.3	32.22	7.46	29.57	319	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	46.33	-21.87	68.2	52.23	39.6	11.43	56.93	100	0	P	H
		15870	45.51	-28.49	74	50.46	37.41	13.91	56.27	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	46.32	-21.88	68.2	52.22	39.6	11.43	56.93	100	0	P	V
5290MHz		15870	45.35	-28.65	74	50.3	37.41	13.91	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (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.	
3+4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5458.16	56.7	-17.3	74	46.41	32.34	7.54	29.59	201	291	P	H
		5470	65.96	-2.24	68.2	55.63	32.36	7.56	29.59	201	291	P	H
		5459.28	47.84	-6.16	54	37.55	32.34	7.54	29.59	201	291	A	H
	*	5500	118.31	-	-	107.92	32.4	7.58	29.59	201	291	P	H
802.11ac	*	5500	109.36	-	-	98.97	32.4	7.58	29.59	201	291	A	H
VHT20													H
CH 100		5459.12	54.94	-19.06	74	44.65	32.34	7.54	29.59	215	12	P	V
5500MHz		5470	63.01	-5.19	68.2	52.68	32.36	7.56	29.59	215	12	P	V
		5460	45.9	-8.1	54	35.61	32.34	7.54	29.59	215	12	A	V
	*	5500	116.38	-	-	105.99	32.4	7.58	29.59	215	12	P	V
	*	5500	108.13	-	-	97.74	32.4	7.58	29.59	215	12	A	V
													V

		5459.92	51.3	-22.7	74	41.01	32.34	7.54	29.59	201	287	P	H
		5468.56	51.21	-16.99	68.2	40.88	32.36	7.56	29.59	201	287	P	H
		5457.28	41.43	-12.57	54	31.14	32.34	7.54	29.59	201	287	A	H
	*	5580	116.25	-	-	105.75	32.47	7.66	29.63	201	287	P	H
802.11ac	*	5580	107.6	-	-	97.1	32.47	7.66	29.63	201	287	A	H
VHT20		5738.225	51.34	-16.86	68.2	40.56	32.64	7.83	29.69	201	287	P	H
CH 116		5450.8	50.69	-23.31	74	40.4	32.34	7.54	29.59	162	10	P	V
5580MHz		5467.12	50.06	-18.14	68.2	39.73	32.36	7.56	29.59	162	10	P	V
		5457.28	41.16	-12.84	54	30.87	32.34	7.54	29.59	162	10	A	V
	*	5580	115.8	-	-	105.3	32.47	7.66	29.63	162	10	P	V
	*	5580	108.26	-	-	97.76	32.47	7.66	29.63	162	10	A	V
		5743.265	50.94	-17.26	68.2	40.16	32.64	7.83	29.69	162	10	P	V
	*	5700	116.02	-	-	105.31	32.59	7.79	29.67	200	342	P	H
	*	5700	107.72	-	-	97.01	32.59	7.79	29.67	200	342	A	H
		5727	64.53	-3.67	68.2	53.78	32.62	7.81	29.68	200	342	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	115.44	-	-	104.73	32.59	7.79	29.67	219	0	P	V
5700MHz	*	5700	106.96	-	-	96.25	32.59	7.79	29.67	219	0	A	V
		5728.04	65.76	-2.44	68.2	55.01	32.62	7.81	29.68	219	0	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	53.21	-20.79	74	58.03	40.1	11.68	56.6	298	332	P	H
		11000	43.19	-10.81	54	48.01	40.1	11.68	56.6	298	332	A	H
802.11ac		16500	48.87	-19.33	68.2	52.3	38.3	13.97	55.7	100	0	P	H
VHT20													H
CH 100		11000	48.95	-25.05	74	53.77	40.1	11.68	56.6	100	0	P	V
5500MHz		16500	46.93	-21.27	68.2	50.36	38.3	13.97	55.7	100	0	P	V
													V
													V
		11160	53.16	-20.84	74	57.94	40.03	11.72	56.53	302	331	P	H
		11160	44.59	-9.41	54	49.37	40.03	11.72	56.53	302	331	A	H
802.11ac		16746	46.5	-21.7	68.2	49.22	39.12	13.96	55.8	100	0	P	H
VHT20													H
CH 116		11160	54.14	-19.86	74	58.92	40.03	11.72	56.53	185	360	P	V
5580MHz		11160	45.08	-8.92	54	49.86	40.03	11.72	56.53	185	360	A	V
		16740	46.21	-21.99	68.2	48.93	39.12	13.96	55.8	100	0	P	V
													V
		11400	59.15	-14.85	74	63.86	39.94	11.79	56.44	324	327	P	H
		11400	48.7	-5.3	54	53.41	39.94	11.79	56.44	324	327	A	H
802.11ac		17100	47.84	-20.36	68.2	49.64	40.24	14.02	56.06	100	0	P	H
VHT20													H
CH 140		11400	58.56	-15.44	74	63.27	39.94	11.79	56.44	202	8	P	V
5700MHz		11400	47.62	-6.38	54	52.33	39.94	11.79	56.44	202	8	A	V
		17100	47.81	-20.39	68.2	49.61	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
		5449.6	51.42	-22.58	74	41.12	32.34	7.54	29.58	215	293	P	H
		5469.52	53.97	-14.23	68.2	43.64	32.36	7.56	29.59	215	293	P	H
		5458	49.15	-4.85	54	38.86	32.34	7.54	29.59	215	293	A	H
	*	5510	113.72	-	-	103.33	32.4	7.59	29.6	215	293	P	H
802.11ac	*	5510	106.18	-	-	95.79	32.4	7.59	29.6	215	293	A	H
VHT40		5731.295	52.1	-16.1	68.2	41.36	32.62	7.81	29.69	215	293	P	H
CH 102		5451.76	52.34	-21.66	74	42.05	32.34	7.54	29.59	212	295	P	V
5510MHz		5464.48	52.48	-15.72	68.2	42.17	32.36	7.54	29.59	212	295	P	V
		5458.24	43.16	-10.84	54	32.87	32.34	7.54	29.59	212	295	A	V
	*	5510	109.46	-	-	99.07	32.4	7.59	29.6	212	295	P	V
	*	5510	101.15	-	-	90.76	32.4	7.59	29.6	212	295	A	V
		5750.51	50.6	-17.6	68.2	39.82	32.64	7.83	29.69	212	295	P	V
		5444.8	54.26	-19.74	74	44	32.32	7.52	29.58	305	300	P	H
		5468.8	53.06	-15.14	68.2	42.73	32.36	7.56	29.59	305	300	P	H
		5459.68	43.67	-10.33	54	33.38	32.34	7.54	29.59	305	300	A	H
	*	5550	116.22	-	-	105.75	32.45	7.63	29.61	305	300	P	H
802.11ac	*	5550	108.51	-	-	98.04	32.45	7.63	29.61	305	300	A	H
VHT40		5735.705	51.04	-17.16	68.2	40.26	32.64	7.83	29.69	305	300	P	H
CH 110		5458.96	50.91	-23.09	74	40.62	32.34	7.54	29.59	246	355	P	V
5550MHz		5466.88	51.05	-17.15	68.2	40.72	32.36	7.56	29.59	246	355	P	V
		5458.48	42.78	-11.22	54	32.49	32.34	7.54	29.59	246	355	A	V
	*	5550	112.71	-	-	102.24	32.45	7.63	29.61	246	355	P	V
	*	5550	107.7	-	-	97.23	32.45	7.63	29.61	246	355	A	V
		5728.46	50.71	-17.49	68.2	39.96	32.62	7.81	29.68	246	355	P	V

		5445.9	50.92	-23.08	74	40.64	32.34	7.52	29.58	239	287	P	H
		5468.3	49.79	-18.41	68.2	39.46	32.36	7.56	29.59	239	287	P	H
		5455.35	41.05	-12.95	54	30.76	32.34	7.54	29.59	239	287	A	H
	*	5670	114.2	-	-	103.54	32.57	7.75	29.66	239	287	P	H
802.11ac	*	5670	107.17	-	-	96.51	32.57	7.75	29.66	239	287	A	H
VHT40		5730.035	61.03	-7.17	68.2	50.28	32.62	7.81	29.68	239	287	P	H
CH 134		5437.85	50.3	-23.7	74	40.04	32.32	7.52	29.58	231	355	P	V
5670MHz		5469	50.64	-17.56	68.2	40.31	32.36	7.56	29.59	231	355	P	V
		5456.75	41.14	-12.86	54	30.85	32.34	7.54	29.59	231	355	A	V
	*	5670	114.6	-	-	103.94	32.57	7.75	29.66	231	355	P	V
	*	5670	107.07	-	-	96.41	32.57	7.75	29.66	231	355	A	V
		5726.255	66.64	-1.56	68.2	55.89	32.62	7.81	29.68	231	355	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	47.27	-26.73	74	52.08	40.09	11.69	56.59	100	0	P	H
		16530	45.8	-22.4	68.2	49.12	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	47.39	-26.61	74	52.2	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	46.2	-22	68.2	49.52	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	54.27	-19.73	74	59.06	40.06	11.71	56.56	337	324	P	H
		11100	46.15	-7.85	54	50.94	40.06	11.71	56.56	337	324	A	H
802.11ac		16650	46.88	-21.32	68.2	49.84	38.83	13.97	55.76	100	0	P	H
VHT40													H
CH 110		11100	52.78	-21.22	74	57.57	40.06	11.71	56.56	141	23	P	V
5550MHz		11100	45.67	-8.33	54	50.46	40.06	11.71	56.56	141	23	A	V
		16650	46.83	-21.37	68.2	49.79	38.83	13.97	55.76	100	0	P	V
													V
		11340	55.48	-18.52	74	60.21	39.97	11.77	56.47	339	324	P	H
		11340	47.93	-6.07	54	52.66	39.97	11.77	56.47	339	324	A	H
802.11ac		17010	47.25	-20.95	68.2	49.18	40.04	13.96	55.93	100	0	P	H
VHT40													H
CH 134		11340	55.81	-18.19	74	60.54	39.97	11.77	56.47	168	20	P	V
5670MHz		11340	45.61	-8.39	54	50.34	39.97	11.77	56.47	168	20	A	V
		17010	47.49	-20.71	68.2	49.42	40.04	13.96	55.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
		5452.72	54.83	-19.17	74	44.54	32.34	7.54	29.59	201	342	P	H
		5464.96	56.83	-11.37	68.2	46.52	32.36	7.54	29.59	201	342	P	H
		5458.48	51.64	-2.36	54	41.35	32.34	7.54	29.59	201	342	A	H
	*	5530	106.66	-	-	96.24	32.42	7.61	29.61	201	342	P	H
802.11ac	*	5530	98.34	-	-	87.92	32.42	7.61	29.61	201	342	A	H
VHT80		5731.295	51.65	-16.55	68.2	40.91	32.62	7.81	29.69	201	342	P	H
CH 106		5453.2	60.61	-13.39	74	50.32	32.34	7.54	29.59	200	3	P	V
5530MHz		5463.28	54.76	-13.44	68.2	44.45	32.36	7.54	29.59	200	3	P	V
		5453.68	49.87	-4.13	54	39.58	32.34	7.54	29.59	200	3	A	V
	*	5530	106	-	-	95.58	32.42	7.61	29.61	200	3	P	V
	*	5530	101.68	-	-	91.26	32.42	7.61	29.61	200	3	A	V
		5742.635	51.29	-16.91	68.2	40.51	32.64	7.83	29.69	200	3	P	V
		5452.48	53.01	-20.99	74	42.72	32.34	7.54	29.59	191	343	P	H
		5466.4	57.86	-10.34	68.2	47.53	32.36	7.56	29.59	191	343	P	H
		5459.92	50.2	-3.8	54	39.91	32.34	7.54	29.59	191	343	A	H
	*	5610	111.12	-	-	100.56	32.5	7.7	29.64	191	343	P	H
802.11ac	*	5610	106.63	-	-	96.07	32.5	7.7	29.64	191	343	A	H
VHT80		5728.145	61.09	-7.11	68.2	50.34	32.62	7.81	29.68	191	343	P	H
CH 122		5443.84	51.25	-22.75	74	40.99	32.32	7.52	29.58	199	2	P	V
5610MHz		5464.72	52.48	-15.72	68.2	42.17	32.36	7.54	29.59	199	2	P	V
		5459.68	46.62	-7.38	54	36.33	32.34	7.54	29.59	199	2	A	V
	*	5610	111.73	-	-	101.17	32.5	7.7	29.64	199	2	P	V
	*	5610	106.22	-	-	95.66	32.5	7.7	29.64	199	2	A	V
		5726.57	65.18	-3.02	68.2	54.43	32.62	7.81	29.68	199	2	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. 3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	46.96	-27.04	74	51.76	40.07	11.7	56.57	100	0	P	H
		16590	47.17	-21.03	68.2	50.35	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.36	-26.64	74	52.16	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	46.96	-21.24	68.2	50.14	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	48.6	-25.4	74	53.36	40.01	11.74	56.51	100	0	P	H
		16830	47.54	-20.66	68.2	50	39.41	13.96	55.83	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	49.44	-24.56	74	54.2	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	46.74	-21.46	68.2	49.2	39.41	13.96	55.83	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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.	
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5720	117.79	-	-	107.04	32.62	7.81	29.68	313	321	P	H
	*	5720	108.94	-	-	98.19	32.62	7.81	29.68	313	321	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	116.33	-	-	105.58	32.62	7.81	29.68	201	49	P	V
5720MHz	*	5720	107.14	-	-	96.39	32.62	7.81	29.68	201	49	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	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)
		11440	58.68	-15.32	74	63.39	39.93	11.79	56.43	358	314	P	H
		11440	48.43	-5.57	54	53.14	39.93	11.79	56.43	358	314	A	H
802.11ac		17160	48.64	-19.56	68.2	50.37	40.4	14.04	56.17	100	0	P	H
VHT20													H
CH 144		11440	59.22	-14.78	74	63.93	39.93	11.79	56.43	179	12	P	V
5720MHz		11440	47.78	-6.22	54	52.49	39.93	11.79	56.43	179	12	A	V
		17160	49	-19.2	68.2	50.73	40.4	14.04	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
	*	5710	116.24	-	-	105.52	32.61	7.79	29.68	232	331	P	H
	*	5710	109.13	-	-	98.41	32.61	7.79	29.68	232	331	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	115.34	-	-	104.62	32.61	7.79	29.68	246	52	P	V
5710MHz	*	5710	108.4	-	-	97.68	32.61	7.79	29.68	246	52	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	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)
		11420	54.65	-19.35	74	59.36	39.93	11.79	56.43	348	318	P	H
		11420	45.91	-8.09	54	50.62	39.93	11.79	56.43	348	318	A	H
802.11ac		17130	49.21	-18.99	68.2	50.96	40.32	14.04	56.11	100	0	P	H
VHT40													H
CH 142		11420	53.42	-20.58	74	58.13	39.93	11.79	56.43	176	13	P	V
5710MHz		11420	44.32	-9.68	54	49.03	39.93	11.79	56.43	176	13	A	V
		17130	48.58	-19.62	68.2	50.33	40.32	14.04	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	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)
	*	5690	110.86	-	-	100.17	32.59	7.77	29.67	317	323	P	H
	*	5690	107.95	-	-	97.26	32.59	7.77	29.67	317	323	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	109.46	-	-	98.77	32.59	7.77	29.67	245	57	P	V
5690MHz	*	5690	107.8	-	-	97.11	32.59	7.77	29.67	245	57	A	V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3+4	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)
		11380	53.44	-20.56	74	58.15	39.95	11.79	56.45	353	325	P	H
		11380	44	-10	54	48.71	39.95	11.79	56.45	353	325	A	H
802.11ac		17070	48.57	-19.63	68.2	50.43	40.16	13.99	56.01	100	0	P	H
VHT80													H
CH 138		11380	52.45	-21.55	74	57.16	39.95	11.79	56.45	177	12	P	V
5690MHz		11380	43.42	-10.58	54	48.13	39.95	11.79	56.45	177	12	A	V
		17070	48.4	-19.8	68.2	50.26	40.16	13.99	56.01	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (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+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5459.28	56.38	-17.62	74	46.09	32.34	7.54	29.59	217	345	P	H
		5469.84	63.58	-4.62	68.2	53.25	32.36	7.56	29.59	217	345	P	H
		5458.96	48.13	-5.87	54	37.84	32.34	7.54	29.59	217	345	A	H
	*	5500	120.15	-	-	109.76	32.4	7.58	29.59	217	345	P	H
802.11ac	*	5500	111.46	-	-	101.07	32.4	7.58	29.59	217	345	A	H
VHT20													H
CH 100		5458.64	56.89	-17.11	74	46.6	32.34	7.54	29.59	198	10	P	V
5500MHz		5469.84	60.06	-8.14	68.2	49.73	32.36	7.56	29.59	198	10	P	V
		5458.8	47.65	-6.35	54	37.36	32.34	7.54	29.59	198	10	A	V
	*	5500	117.36	-	-	106.97	32.4	7.58	29.59	198	10	P	V
	*	5500	109.13	-	-	98.74	32.4	7.58	29.59	198	10	A	V
													V

		5448.16	51.72	-22.28	74	41.42	32.34	7.54	29.58	202	333	P	H
		5469.52	51.15	-17.05	68.2	40.82	32.36	7.56	29.59	202	333	P	H
		5458.24	41.37	-12.63	54	31.08	32.34	7.54	29.59	202	333	A	H
	*	5580	117.77	-	-	107.27	32.47	7.66	29.63	202	333	P	H
802.11ac	*	5580	109.69	-	-	99.19	32.47	7.66	29.63	202	333	A	H
VHT20		5725.31	53.08	-15.12	68.2	42.33	32.62	7.81	29.68	202	333	P	H
CH 116		5363.2	49.02	-24.98	74	38.88	32.24	7.47	29.57	206	18	P	V
5580MHz		5462.32	49.41	-18.79	68.2	39.12	32.34	7.54	29.59	206	18	P	V
		5458.96	40.31	-13.69	54	30.02	32.34	7.54	29.59	206	18	A	V
	*	5580	115.49	-	-	104.99	32.47	7.66	29.63	206	18	P	V
	*	5580	107.69	-	-	97.19	32.47	7.66	29.63	206	18	A	V
		5730.035	49.73	-18.47	68.2	38.98	32.62	7.81	29.68	206	18	P	V
	*	5700	118.6	-	-	107.89	32.59	7.79	29.67	152	350	P	H
	*	5700	111.3	-	-	100.59	32.59	7.79	29.67	152	350	A	H
		5725.4	63.29	-4.91	68.2	52.54	32.62	7.81	29.68	152	350	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	116.26	-	-	105.55	32.59	7.79	29.67	238	360	P	V
5700MHz	*	5700	108.89	-	-	98.18	32.59	7.79	29.67	238	360	A	V
		5725.16	60.64	-7.56	68.2	49.89	32.62	7.81	29.68	238	360	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	53.22	-20.78	74	58.04	40.1	11.68	56.6	322	320	P	H
		11000	42.44	-11.56	54	47.26	40.1	11.68	56.6	322	320	A	H
802.11ac		16500	48.76	-19.44	68.2	52.19	38.3	13.97	55.7	100	0	P	H
VHT20													H
CH 100		11000	49.45	-24.55	74	54.27	40.1	11.68	56.6	100	0	P	V
5500MHz		16500	47.36	-20.84	68.2	50.79	38.3	13.97	55.7	100	0	P	V
													V
													V
		11160	55.05	-18.95	74	59.83	40.03	11.72	56.53	325	320	P	H
		11160	44.66	-9.34	54	49.44	40.03	11.72	56.53	325	320	A	H
802.11ac		16740	46.77	-21.43	68.2	49.49	39.12	13.96	55.8	100	0	P	H
VHT20													H
CH 116		11160	57.09	-16.91	74	61.87	40.03	11.72	56.53	132	28	P	V
5580MHz		11160	45.71	-8.29	54	50.49	40.03	11.72	56.53	132	28	A	V
		16740	45.96	-22.24	68.2	48.68	39.12	13.96	55.8	100	0	P	V
													V
		11400	58.79	-15.21	74	63.5	39.94	11.79	56.44	327	323	P	H
		11400	49.34	-4.66	54	54.05	39.94	11.79	56.44	327	323	A	H
802.11ac		17100	48.67	-19.53	68.2	50.47	40.24	14.02	56.06	100	0	P	H
VHT20													H
CH 140		11400	56.51	-17.49	74	61.22	39.94	11.79	56.44	100	17	P	V
5700MHz		11400	45.8	-8.2	54	50.51	39.94	11.79	56.44	100	17	A	V
		17100	48.88	-19.32	68.2	50.68	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	56.38	-17.62	74	46.09	32.34	7.54	29.59	202	8	P	H
		5460.88	60.07	-8.13	68.2	49.78	32.34	7.54	29.59	202	8	P	H
		5459.92	47.61	-6.39	54	37.32	32.34	7.54	29.59	202	8	A	H
	*	5510	115.86	-	-	105.47	32.4	7.59	29.6	202	8	P	H
802.11ac	*	5510	108.8	-	-	98.41	32.4	7.59	29.6	202	8	A	H
VHT40		5762.48	51.43	-16.77	68.2	40.64	32.66	7.84	29.71	202	8	P	H
CH 102		5459.68	50.81	-23.19	74	40.52	32.34	7.54	29.59	201	360	P	V
5510MHz		5467.36	52.2	-16	68.2	41.87	32.36	7.56	29.59	201	360	P	V
		5459.2	46.4	-7.6	54	36.11	32.34	7.54	29.59	201	360	A	V
	*	5510	111.65	-	-	101.26	32.4	7.59	29.6	201	360	P	V
	*	5510	103.88	-	-	93.49	32.4	7.59	29.6	201	360	A	V
		5749.25	50.08	-18.12	68.2	39.3	32.64	7.83	29.69	201	360	P	V
		5444.56	52.31	-21.69	74	42.05	32.32	7.52	29.58	201	0	P	H
		5469.76	53.68	-14.52	68.2	43.35	32.36	7.56	29.59	201	0	P	H
		5459.44	44.58	-9.42	54	34.29	32.34	7.54	29.59	201	0	A	H
	*	5550	117.47	-	-	107	32.45	7.63	29.61	201	0	P	H
802.11ac	*	5550	110.97	-	-	100.5	32.45	7.63	29.61	201	0	A	H
VHT40		5742.95	52.39	-15.81	68.2	41.61	32.64	7.83	29.69	201	0	P	H
CH 110		5457.28	50.41	-23.59	74	40.12	32.34	7.54	29.59	192	360	P	V
5550MHz		5465.44	51.82	-16.38	68.2	41.51	32.36	7.54	29.59	192	360	P	V
		5459.68	43.13	-10.87	54	32.84	32.34	7.54	29.59	192	360	A	V
	*	5550	114.96	-	-	104.49	32.45	7.63	29.61	192	360	P	V
	*	5550	107.45	-	-	96.98	32.45	7.63	29.61	192	360	A	V
		5736.965	50.28	-17.92	68.2	39.5	32.64	7.83	29.69	192	360	P	V

		5414.75	49.69	-24.31	74	39.46	32.3	7.51	29.58	203	10	P	H
		5466.2	49.01	-19.19	68.2	38.68	32.36	7.56	29.59	203	10	P	H
		5459.55	41.13	-12.87	54	30.84	32.34	7.54	29.59	203	10	A	H
	*	5670	116.47	-	-	105.81	32.57	7.75	29.66	203	10	P	H
802.11ac	*	5670	108.58	-	-	97.92	32.57	7.75	29.66	203	10	A	H
VHT40		5734.76	61.89	-6.31	68.2	51.13	32.64	7.81	29.69	203	10	P	H
CH 134		5441	50.02	-23.98	74	39.76	32.32	7.52	29.58	200	357	P	V
5670MHz		5463.75	47.85	-20.35	68.2	37.54	32.36	7.54	29.59	200	357	P	V
		5457.1	40.5	-13.5	54	30.21	32.34	7.54	29.59	200	357	A	V
	*	5670	111.75	-	-	101.09	32.57	7.75	29.66	200	357	P	V
	*	5670	104.6	-	-	93.94	32.57	7.75	29.66	200	357	A	V
		5725.31	57.91	-10.29	68.2	47.16	32.62	7.81	29.68	200	357	P	V

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	48.44	-25.56	74	53.25	40.09	11.69	56.59	100	0	P	H
		16530	46.77	-21.43	68.2	50.09	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	47.51	-26.49	74	52.32	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	46.32	-21.88	68.2	49.64	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	49.93	-24.07	74	54.72	40.06	11.71	56.56	100	0	P	H
		16650	46.87	-21.33	68.2	49.83	38.83	13.97	55.76	100	0	P	H
802.11ac													H
VHT40													H
CH 110		11100	48.73	-25.27	74	53.52	40.06	11.71	56.56	100	0	P	V
5550MHz		16650	46	-22.2	68.2	48.96	38.83	13.97	55.76	100	0	P	V
													V
													V
		11340	56.52	-17.48	74	61.25	39.97	11.77	56.47	320	321	P	H
		11340	47.59	-6.41	54	52.32	39.97	11.77	56.47	320	321	A	H
802.11ac		17010	48.02	-20.18	68.2	49.95	40.04	13.96	55.93	100	0	P	H
VHT40													H
CH 134		11340	49.91	-24.09	74	54.64	39.97	11.77	56.47	100	0	P	V
5670MHz		17010	48.16	-20.04	68.2	50.09	40.04	13.96	55.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	60.77	-13.23	74	50.48	32.34	7.54	29.59	164	0	P	H
		5464.96	62.52	-5.68	68.2	52.21	32.36	7.54	29.59	164	0	P	H
		5459.92	51.21	-2.79	54	40.92	32.34	7.54	29.59	164	0	A	H
	*	5530	108.51	-	-	98.09	32.42	7.61	29.61	164	0	P	H
802.11ac	*	5530	107.64	-	-	97.22	32.42	7.61	29.61	164	0	A	H
VHT80		5754.605	51.77	-16.43	68.2	40.96	32.66	7.84	29.69	164	0	P	H
CH 106		5458	54.81	-19.19	74	44.52	32.34	7.54	29.59	218	0	P	V
5530MHz		5466.16	55.08	-13.12	68.2	44.75	32.36	7.56	29.59	218	0	P	V
		5458.24	48.25	-5.75	54	37.96	32.34	7.54	29.59	218	0	A	V
	*	5530	106.92	-	-	96.5	32.42	7.61	29.61	218	0	P	V
	*	5530	103.87	-	-	93.45	32.42	7.61	29.61	218	0	A	V
		5741.375	50.97	-17.23	68.2	40.19	32.64	7.83	29.69	218	0	P	V
		5455.36	53.44	-20.56	74	43.15	32.34	7.54	29.59	202	348	P	H
		5466.16	55.96	-12.24	68.2	45.63	32.36	7.56	29.59	202	348	P	H
		5459.68	48.29	-5.71	54	38	32.34	7.54	29.59	202	348	A	H
	*	5610	110.18	-	-	99.62	32.5	7.7	29.64	202	348	P	H
802.11ac	*	5610	108.55	-	-	97.99	32.5	7.7	29.64	202	348	A	H
VHT80		5759.33	60.87	-7.33	68.2	50.08	32.66	7.84	29.71	202	348	P	H
CH 122		5459.2	54.17	-19.83	74	43.88	32.34	7.54	29.59	208	0	P	V
5610MHz		5468.32	53.76	-14.44	68.2	43.43	32.36	7.56	29.59	208	0	P	V
		5458	44.38	-9.62	54	34.09	32.34	7.54	29.59	208	0	A	V
	*	5610	108	-	-	97.44	32.5	7.7	29.64	208	0	P	V
	*	5610	106.21	-	-	95.65	32.5	7.7	29.64	208	0	A	V
		5725.625	60.19	-8.01	68.2	49.44	32.62	7.81	29.68	208	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 (Harmonic @ 3m)

WIFI Ant. 2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.6	-26.4	74	52.4	40.07	11.7	56.57	100	0	P	H
		16590	46.05	-22.15	68.2	49.23	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	47.01	-26.99	74	51.81	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	46.34	-21.86	68.2	49.52	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	49.34	-24.66	74	54.1	40.01	11.74	56.51	100	0	P	H
		16830	47.92	-20.28	68.2	50.38	39.41	13.96	55.83	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	48.42	-25.58	74	53.18	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	48.17	-20.03	68.2	50.63	39.41	13.96	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5720	120.33	-	-	109.58	32.62	7.81	29.68	106	12	P	H
	*	5720	111.83	-	-	101.08	32.62	7.81	29.68	106	12	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	116.82	-	-	106.07	32.62	7.81	29.68	207	290	P	V
5720MHz	*	5720	107.68	-	-	96.93	32.62	7.81	29.68	207	290	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 2+3+4	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)
		11440	59.38	-14.62	74	63.16	39.93	12.72	56.43	181	322	P	H
		11440	48.76	-5.24	54	52.54	39.93	12.72	56.43	181	322	A	H
802.11ac		17160	50.65	-17.55	68.2	51.35	40.4	15.07	56.17	100	0	P	H
VHT20													H
CH 144		11440	58.95	-15.05	74	62.73	39.93	12.72	56.43	198	8	P	V
5720MHz		11440	47.17	-6.83	54	50.95	39.93	12.72	56.43	198	8	A	V
		17160	49.63	-18.57	68.2	50.33	40.4	15.07	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
	*	5710	117.03	-	-	106.31	32.61	7.79	29.68	103	14	P	H
	*	5710	109.14	-	-	98.42	32.61	7.79	29.68	103	14	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	114.02	-	-	103.3	32.61	7.79	29.68	192	56	P	V
5710MHz	*	5710	108.55	-	-	97.83	32.61	7.79	29.68	192	56	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 2+3+4	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)
		11420	56.85	-17.15	74	60.64	39.93	12.71	56.43	172	317	P	H
		11420	47.97	-6.03	54	51.76	39.93	12.71	56.43	172	317	A	H
802.11ac		17130	50.19	-18.01	68.2	50.9	40.32	15.08	56.11	100	0	P	H
VHT40													H
CH 142		11420	53.98	-20.02	74	57.77	39.93	12.71	56.43	229	323	P	V
5710MHz		11420	44.7	-9.3	54	48.49	39.93	12.71	56.43	229	323	A	V
		17130	50.14	-18.06	68.2	50.85	40.32	15.08	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2+3+4	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)
	*	5690	116.22	-	-	105.53	32.59	7.77	29.67	135	10	P	H
	*	5690	109.73	-	-	99.04	32.59	7.77	29.67	135	10	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	109.57	-	-	98.88	32.59	7.77	29.67	181	53	P	V
5690MHz	*	5690	106.83	-	-	96.14	32.59	7.77	29.67	181	53	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2+3+4	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)
		11380	52.84	-21.16	74	56.63	39.95	12.71	56.45	170	319	P	H
		11380	43.57	-10.43	54	47.36	39.95	12.71	56.45	170	319	A	H
802.11ac		17070	49.15	-19.05	68.2	49.96	40.16	15.04	56.01	100	0	P	H
VHT80													H
CH 138		11380	50.05	-23.95	74	53.84	39.95	12.71	56.45	100	0	P	V
5690MHz		17070	48.3	-19.9	68.2	49.11	40.16	15.04	56.01	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5458.16	57.89	-16.11	74	47.6	32.34	7.54	29.59	155	11	P	H
		5468.08	56.2	-12	68.2	45.87	32.36	7.56	29.59	155	11	P	H
		5459.12	47.87	-6.13	54	37.58	32.34	7.54	29.59	155	11	A	H
	*	5500	120.37	-	-	109.98	32.4	7.58	29.59	155	11	P	H
802.11ac	*	5500	112.2	-	-	101.81	32.4	7.58	29.59	155	11	A	H
VHT20													H
CH 100		5459.6	54.28	-19.72	74	43.99	32.34	7.54	29.59	200	57	P	V
5500MHz		5467.76	54.03	-14.17	68.2	43.7	32.36	7.56	29.59	200	57	P	V
		5459.12	45.32	-8.68	54	35.03	32.34	7.54	29.59	200	57	A	V
	*	5500	117.49	-	-	107.1	32.4	7.58	29.59	200	57	P	V
	*	5500	108.14	-	-	97.75	32.4	7.58	29.59	200	57	A	V
													V

		5432.32	50.51	-23.49	74	40.25	32.32	7.52	29.58	146	21	P	H
		5470	50.37	-17.83	68.2	40.04	32.36	7.56	29.59	146	21	P	H
		5459.68	41.28	-12.72	54	30.99	32.34	7.54	29.59	146	21	A	H
	*	5580	119.09	-	-	108.59	32.47	7.66	29.63	146	21	P	H
802.11ac	*	5580	110.66	-	-	100.16	32.47	7.66	29.63	146	21	A	H
VHT20		5762.165	53.58	-14.62	68.2	42.79	32.66	7.84	29.71	146	21	P	H
CH 116		5386.96	49.45	-24.55	74	39.29	32.26	7.48	29.58	203	327	P	V
5580MHz		5469.28	47.97	-20.23	68.2	37.64	32.36	7.56	29.59	203	327	P	V
		5454.64	39.84	-14.16	54	29.55	32.34	7.54	29.59	203	327	A	V
	*	5580	110.8	-	-	100.3	32.47	7.66	29.63	203	327	P	V
	*	5580	101.29	-	-	90.79	32.47	7.66	29.63	203	327	A	V
		5757.44	49.61	-18.59	68.2	38.82	32.66	7.84	29.71	203	327	P	V
	*	5700	118.59	-	-	107.88	32.59	7.79	29.67	186	0	P	H
	*	5700	111.46	-	-	100.75	32.59	7.79	29.67	186	0	A	H
		5732.52	60.15	-8.05	68.2	49.41	32.62	7.81	29.69	186	0	P	H
													H
802.11ac													H
VHT20													H
CH 140	*	5700	117.97	-	-	107.26	32.59	7.79	29.67	180	61	P	V
5700MHz	*	5700	109.83	-	-	99.12	32.59	7.79	29.67	180	61	A	V
		5725.08	56.76	-11.44	68.2	46.01	32.62	7.81	29.68	180	61	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	49.95	-24.05	74	54.77	40.1	11.68	56.6	100	0	P	H
		16500	47.31	-20.89	68.2	50.74	38.3	13.97	55.7	100	0	P	H
802.11ac													H
VHT20													H
CH 100		11000	48.65	-25.35	74	53.47	40.1	11.68	56.6	100	0	P	V
5500MHz		16500	47.3	-20.9	68.2	50.73	38.3	13.97	55.7	100	0	P	V
													V
													V
		11160	54.8	-19.2	74	59.58	40.03	11.72	56.53	335	325	P	H
		11160	44.07	-9.93	54	48.85	40.03	11.72	56.53	335	325	A	H
802.11ac		16740	46.66	-21.54	68.2	49.38	39.12	13.96	55.8	100	0	P	H
VHT20													H
CH 116		11160	53.19	-20.81	74	57.97	40.03	11.72	56.53	100	30	P	V
5580MHz		11160	42.73	-11.27	54	47.51	40.03	11.72	56.53	100	30	A	V
		16740	45.47	-22.73	68.2	48.19	39.12	13.96	55.8	100	0	P	V
													V
		11400	57.4	-16.6	74	62.11	39.94	11.79	56.44	305	319	P	H
		11400	46.45	-7.55	54	51.16	39.94	11.79	56.44	305	319	A	H
802.11ac		17100	48.44	-19.76	68.2	50.24	40.24	14.02	56.06	100	0	P	H
VHT20													H
CH 140		11400	56.04	-17.96	74	60.75	39.94	11.79	56.44	109	28	P	V
5700MHz		11400	46.04	-7.96	54	50.75	39.94	11.79	56.44	109	28	A	V
		17100	49.44	-18.76	68.2	51.24	40.24	14.02	56.06	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5455.36	62.33	-11.67	74	52.04	32.34	7.54	29.59	200	335	P	H
		5464	61.02	-7.18	68.2	50.71	32.36	7.54	29.59	200	335	P	H
		5454.64	52.23	-1.77	54	41.94	32.34	7.54	29.59	200	335	A	H
	*	5510	119.68	-	-	109.29	32.4	7.59	29.6	200	335	P	H
802.11ac	*	5510	112.47	-	-	102.08	32.4	7.59	29.6	200	335	A	H
VHT40		5747.36	52.46	-15.74	68.2	41.68	32.64	7.83	29.69	200	335	P	H
CH 102		5454.88	63.37	-10.63	74	53.08	32.34	7.54	29.59	201	8	P	V
5510MHz		5465.44	56.5	-11.7	68.2	46.19	32.36	7.54	29.59	201	8	P	V
		5454.88	51.74	-2.26	54	41.45	32.34	7.54	29.59	201	8	A	V
	*	5510	111.52	-	-	101.13	32.4	7.59	29.6	201	8	P	V
	*	5510	104.56	-	-	94.17	32.4	7.59	29.6	201	8	A	V
		5730.035	52.03	-16.17	68.2	41.28	32.62	7.81	29.68	201	8	P	V
		5459.92	52.89	-21.11	74	42.6	32.34	7.54	29.59	265	323	P	H
		5461.84	54.9	-13.3	68.2	44.61	32.34	7.54	29.59	265	323	P	H
		5458	44.66	-9.34	54	34.37	32.34	7.54	29.59	265	323	A	H
	*	5550	119.17	-	-	108.7	32.45	7.63	29.61	265	323	P	H
802.11ac	*	5550	111.99	-	-	101.52	32.45	7.63	29.61	265	323	A	H
VHT40		5743.895	52.39	-15.81	68.2	41.61	32.64	7.83	29.69	265	323	P	H
CH 110		5459.92	51	-23	74	40.71	32.34	7.54	29.59	302	102	P	V
5550MHz		5468.8	51.36	-16.84	68.2	41.03	32.36	7.56	29.59	302	102	P	V
		5459.68	41.99	-12.01	54	31.7	32.34	7.54	29.59	302	102	A	V
	*	5550	112.05	-	-	101.58	32.45	7.63	29.61	302	102	P	V
	*	5550	104.31	-	-	93.84	32.45	7.63	29.61	302	102	A	V
		5730.35	51.57	-16.63	68.2	40.83	32.62	7.81	29.69	302	102	P	V

		5353.5	51.22	-22.78	74	41.11	32.22	7.46	29.57	270	337	P	H
		5460.95	52.09	-16.11	68.2	41.8	32.34	7.54	29.59	270	337	P	H
		5456.75	41.93	-12.07	54	31.64	32.34	7.54	29.59	270	337	A	H
	*	5670	119.35	-	-	108.69	32.57	7.75	29.66	270	337	P	H
802.11ac	*	5670	112.07	-	-	101.41	32.57	7.75	29.66	270	337	A	H
VHT40		5743.265	61.9	-6.3	68.2	51.12	32.64	7.83	29.69	270	337	P	H
CH 134		5449.4	51.1	-22.9	74	40.8	32.34	7.54	29.58	301	77	P	V
5670MHz		5469.35	50.75	-17.45	68.2	40.42	32.36	7.56	29.59	301	77	P	V
		5455.7	41.43	-12.57	54	31.14	32.34	7.54	29.59	301	77	A	V
	*	5670	113.7	-	-	103.04	32.57	7.75	29.66	301	77	P	V
	*	5670	106.88	-	-	96.22	32.57	7.75	29.66	301	77	A	V
		5733.185	55.93	-12.27	68.2	45.19	32.62	7.81	29.69	301	77	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 VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.43	-24.57	74	54.24	40.09	11.69	56.59	100	0	P	H
		16530	48.3	-19.9	68.2	51.62	38.42	13.97	55.71	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	46.78	-27.22	74	51.59	40.09	11.69	56.59	100	0	P	V
5510MHz		16530	46.57	-21.63	68.2	49.89	38.42	13.97	55.71	100	0	P	V
													V
													V
		11100	51.43	-22.57	74	56.22	40.06	11.71	56.56	336	324	P	H
		11100	43.92	-10.08	54	48.71	40.06	11.71	56.56	336	324	A	H
802.11ac		16650	47.43	-20.77	68.2	50.39	38.83	13.97	55.76	100	0	P	H
VHT40													H
CH 110		11100	52.5	-21.5	74	57.29	40.06	11.71	56.56	157	27	P	V
5550MHz		11100	44.17	-9.83	54	48.96	40.06	11.71	56.56	157	27	A	V
		16650	47.46	-20.74	68.2	50.42	38.83	13.97	55.76	100	0	P	V
													V
		11340	55.14	-18.86	74	59.87	39.97	11.77	56.47	320	325	P	H
		11340	48.39	-5.61	54	53.12	39.97	11.77	56.47	320	325	A	H
802.11ac		17010	47.81	-20.39	68.2	49.74	40.04	13.96	55.93	100	0	P	H
VHT40													H
CH 134		11340	54.34	-19.66	74	59.07	39.97	11.77	56.47	100	27	P	V
5670MHz		11340	46.18	-7.82	54	50.91	39.97	11.77	56.47	100	27	A	V
		17010	48.03	-20.17	68.2	49.96	40.04	13.96	55.93	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
		5458.96	56.46	-17.54	74	46.17	32.34	7.54	29.59	300	0	P	H
		5467.12	59.54	-8.66	68.2	49.21	32.36	7.56	29.59	300	0	P	H
		5459.68	48.78	-5.22	54	38.49	32.34	7.54	29.59	300	0	A	H
	*	5530	114.18	-	-	103.76	32.42	7.61	29.61	300	0	P	H
802.11ac	*	5530	107.19	-	-	96.77	32.42	7.61	29.61	300	0	A	H
VHT80		5742.005	55.03	-13.17	68.2	44.25	32.64	7.83	29.69	300	0	P	H
CH 106		5454.88	54.82	-19.18	74	44.53	32.34	7.54	29.59	398	76	P	V
5530MHz		5465.92	57.66	-10.54	68.2	47.35	32.36	7.54	29.59	398	76	P	V
		5447.68	46.75	-7.25	54	36.47	32.34	7.52	29.58	398	76	A	V
	*	5530	110	-	-	99.58	32.42	7.61	29.61	398	76	P	V
	*	5530	102.27	-	-	91.85	32.42	7.61	29.61	398	76	A	V
		5765	52.41	-15.79	68.2	41.62	32.66	7.84	29.71	398	76	P	V
		5450.8	53.32	-20.68	74	43.03	32.34	7.54	29.59	252	327	P	H
		5469.28	54.49	-13.71	68.2	44.16	32.36	7.56	29.59	252	327	P	H
		5458.96	44.7	-9.3	54	34.41	32.34	7.54	29.59	252	327	A	H
	*	5610	118.83	-	-	108.27	32.5	7.7	29.64	252	327	P	H
802.11ac	*	5610	111.26	-	-	100.7	32.5	7.7	29.64	252	327	A	H
VHT80		5725	60.05	-8.15	68.2	49.3	32.62	7.81	29.68	252	327	P	H
CH 122		5454.16	51.51	-22.49	74	41.22	32.34	7.54	29.59	349	44	P	V
5610MHz		5466.64	51.43	-16.77	68.2	41.1	32.36	7.56	29.59	349	44	P	V
		5459.68	42.56	-11.44	54	32.27	32.34	7.54	29.59	349	44	A	V
	*	5610	109.58	-	-	99.02	32.5	7.7	29.64	349	44	P	V
	*	5610	103.95	-	-	93.39	32.5	7.7	29.64	349	44	A	V
		5725.94	56.08	-12.12	68.2	45.33	32.62	7.81	29.68	349	44	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	47.72	-26.28	74	52.52	40.07	11.7	56.57	100	0	P	H
		16590	45.72	-22.48	68.2	48.9	38.59	13.96	55.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	46.73	-27.27	74	51.53	40.07	11.7	56.57	100	0	P	V
5530MHz		16590	45.99	-22.21	68.2	49.17	38.59	13.96	55.73	100	0	P	V
													V
													V
		11220	47.31	-26.69	74	52.07	40.01	11.74	56.51	100	0	P	H
		16830	47.53	-20.67	68.2	49.99	39.41	13.96	55.83	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	47.59	-26.41	74	52.35	40.01	11.74	56.51	100	0	P	V
5610MHz		16830	46.68	-21.52	68.2	49.14	39.41	13.96	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2+3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5720	121.2	-	-	110.45	32.62	7.81	29.68	181	359	P	H
	*	5720	112.79	-	-	102.04	32.62	7.81	29.68	181	359	A	H
													H
													H
802.11ac													H
VHT20													H
CH 144	*	5720	118.52	-	-	107.77	32.62	7.81	29.68	186	66	P	V
5720MHz	*	5720	109.34	-	-	98.59	32.62	7.81	29.68	186	66	A	V
													V
													V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11440	58.85	-15.15	74	62.63	39.93	12.72	56.43	170	320	P	H
		11440	47.93	-6.07	54	51.71	39.93	12.72	56.43	170	320	A	H
802.11ac		17160	50.11	-18.09	68.2	50.81	40.4	15.07	56.17	100	0	P	H
VHT20													H
CH 144		11440	56.43	-17.57	74	60.21	39.93	12.72	56.43	200	8	P	V
5720MHz		11440	45.9	-8.1	54	49.68	39.93	12.72	56.43	200	8	A	V
		17160	49.43	-18.77	68.2	50.13	40.4	15.07	56.17	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
	*	5710	117.57	-	-	106.85	32.61	7.79	29.68	202	4	P	H
	*	5710	113.41	-	-	102.69	32.61	7.79	29.68	202	4	A	H
													H
													H
802.11ac													H
VHT40													H
CH 142	*	5710	115.99	-	-	105.27	32.61	7.79	29.68	189	66	P	V
5710MHz	*	5710	109.64	-	-	98.92	32.61	7.79	29.68	189	66	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11420	54.92	-19.08	74	58.71	39.93	12.71	56.43	177	318	P	H
		11420	49.26	-4.74	54	53.05	39.93	12.71	56.43	177	318	A	H
802.11ac		17130	50.27	-17.93	68.2	50.98	40.32	15.08	56.11	100	0	P	H
VHT40													H
CH 142		11420	51.94	-22.06	74	55.73	39.93	12.71	56.43	245	14	P	V
5710MHz		11420	45.3	-8.7	54	49.09	39.93	12.71	56.43	245	14	A	V
		17130	49.19	-19.01	68.2	49.9	40.32	15.08	56.11	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2+3+4	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)
	*	5690	114.64	-	-	103.95	32.59	7.77	29.67	189	5	P	H
	*	5690	112.58	-	-	101.89	32.59	7.77	29.67	189	5	A	H
													H
													H
802.11ac													H
VHT80													H
CH 138	*	5690	116.1	-	-	105.41	32.59	7.77	29.67	262	66	P	V
5690MHz	*	5690	108.53	-	-	97.84	32.59	7.77	29.67	262	66	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2+3+4	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)
		11380	48.54	-25.46	74	52.33	39.95	12.71	56.45	100	0	P	H
		17070	49.69	-18.51	68.2	50.5	40.16	15.04	56.01	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	48.32	-25.68	74	52.11	39.95	12.71	56.45	100	0	P	V
5690MHz		17070	48.28	-19.92	68.2	49.09	40.16	15.04	56.01	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Note symbol

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

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

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

1. Level(dBµV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 55.45 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 55.45(dBµV/m) – 74(dBµV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBµV/m)

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

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

= 43.54 (dBµV/m)

2. Over Limit(dB)

= Level(dBµV/m) – Limit Line(dBµV/m)

= 43.54(dBµV/m) – 54(dBµV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

Test Engineer :	Alex Jheng, Chen Fu, Wilson Wu, and Bill Chang	**Temperature :**	22~25°C
		Relative Humidity :	52~57%

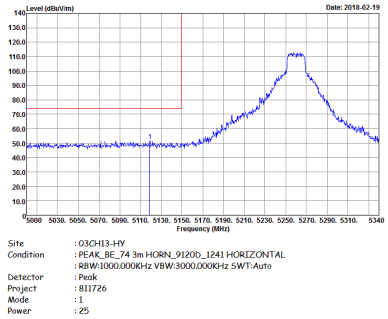
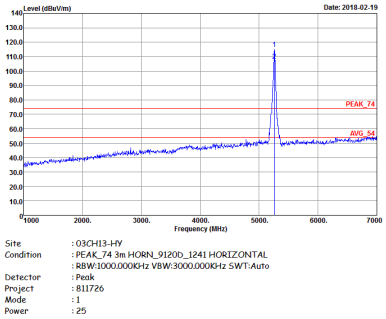
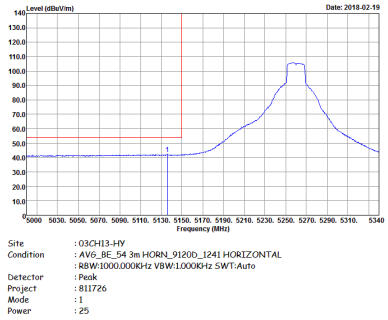
Note symbol

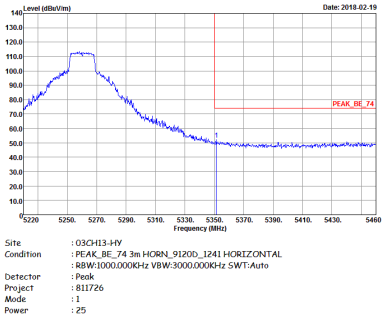
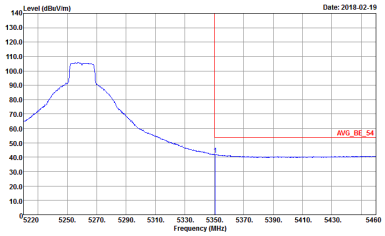
-L	**Low channel location**
-R	**High channel location**

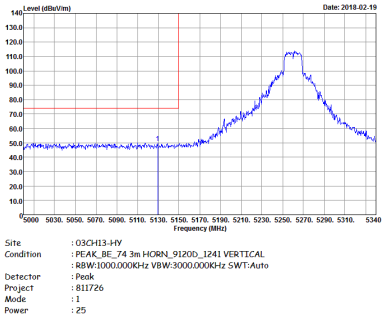
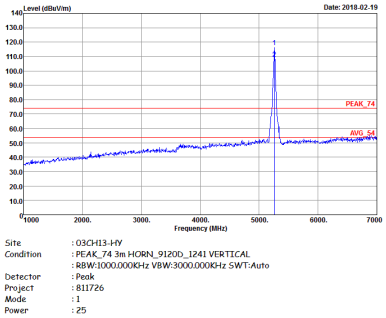
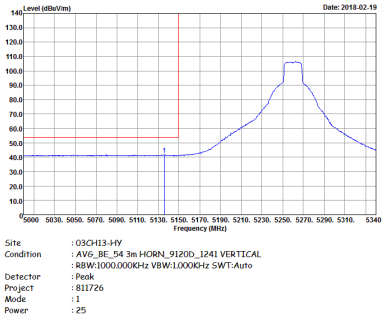
<Single Mode >

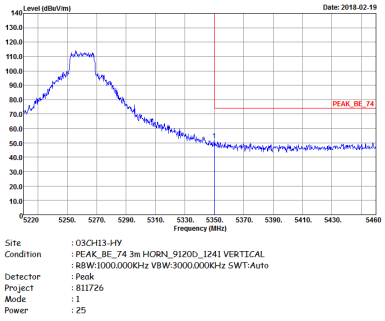
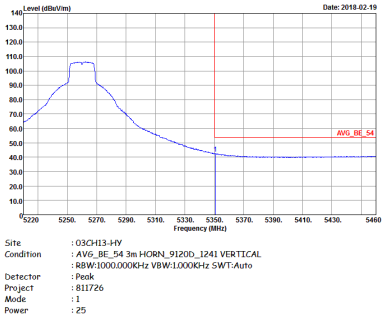
Band 2 - 5250~5350MHz

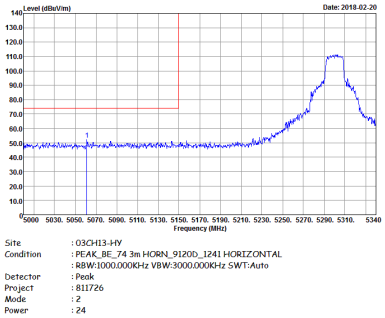
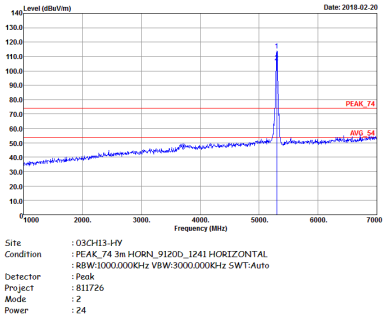
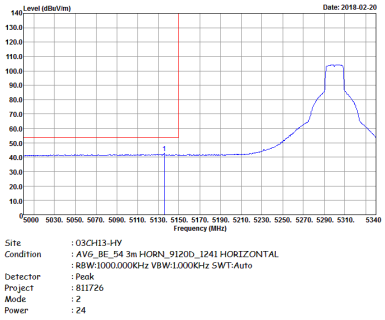
WIFI 802.11a (Band Edge @ 3m)

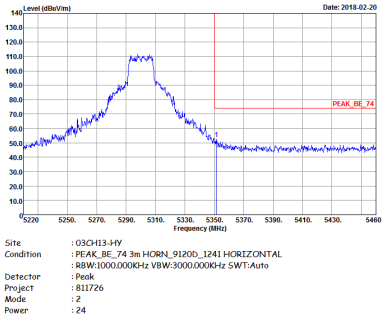
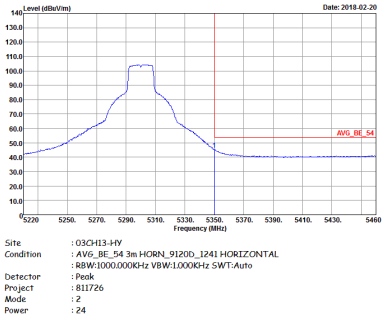
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

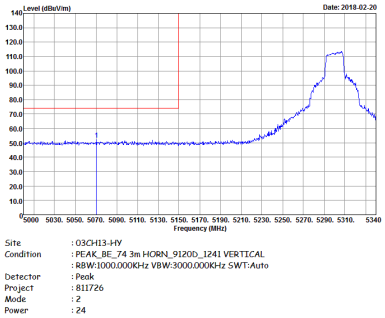
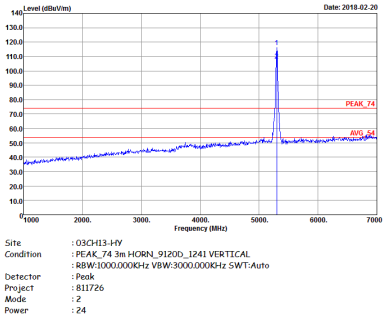
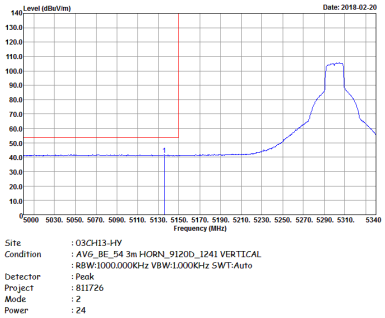
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 1 Power : 25	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 1 Power : 25	Left blank

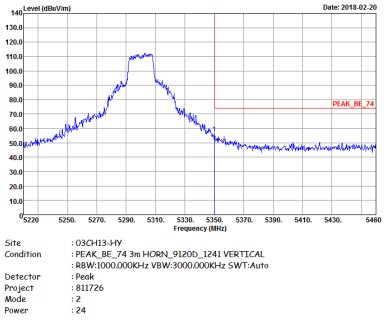
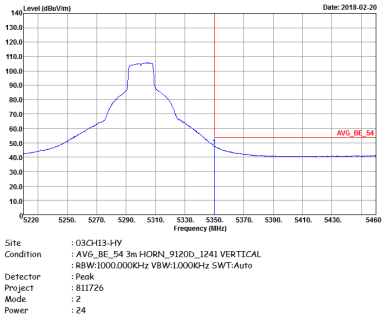
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

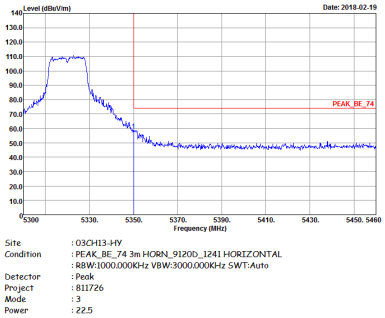
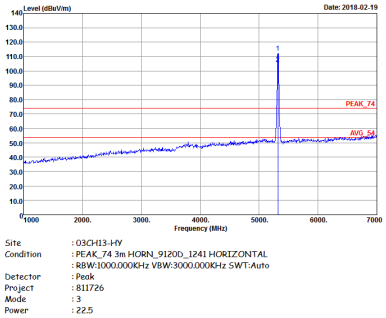
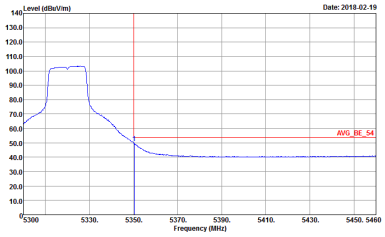
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

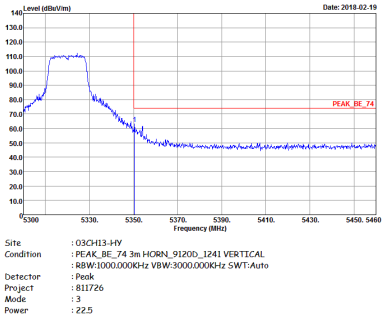
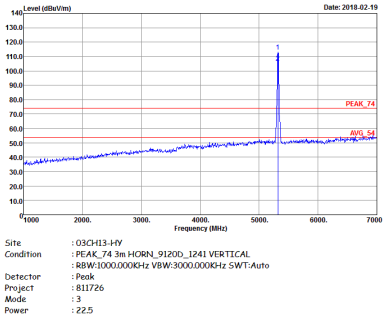
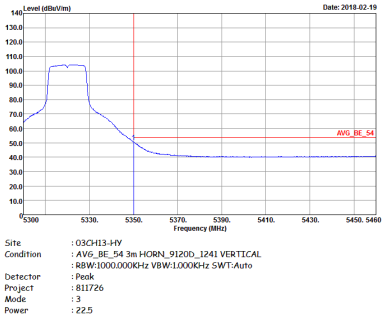
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

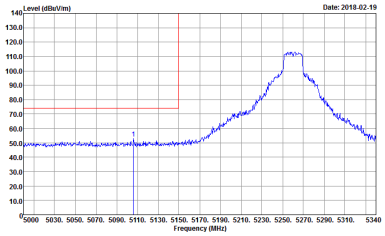
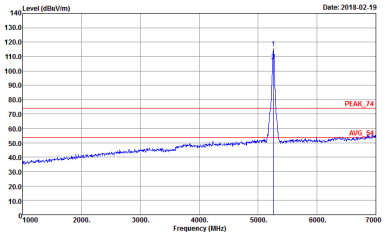
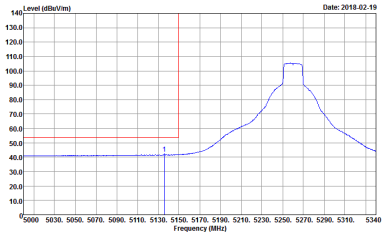
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

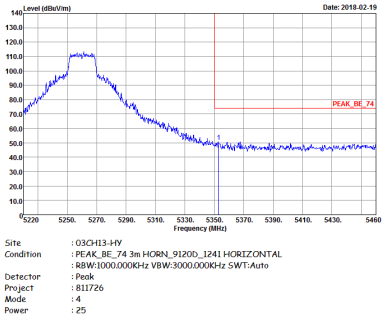
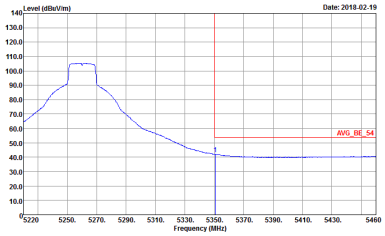
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 3 Power : 22.5	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 3 Power : 22.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 3 Power : 22.5	Left blank

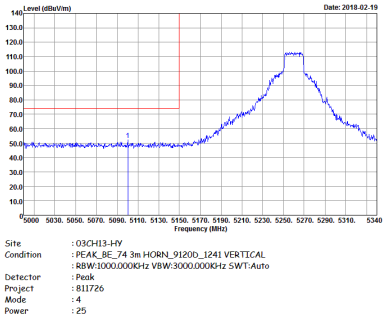
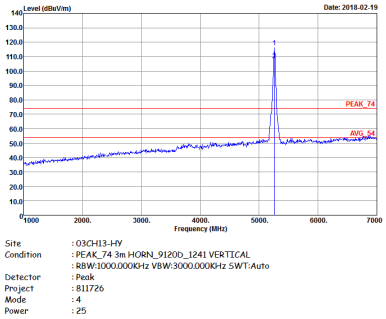
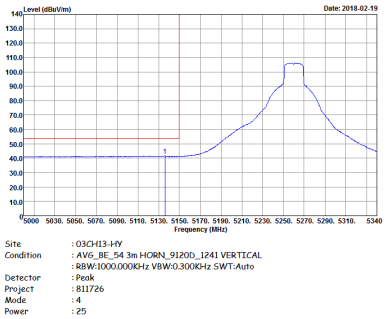
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

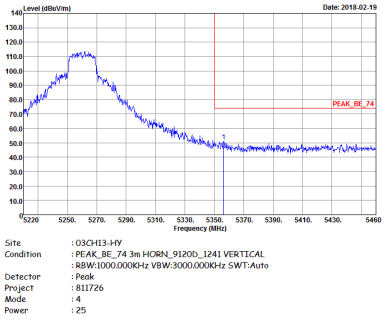
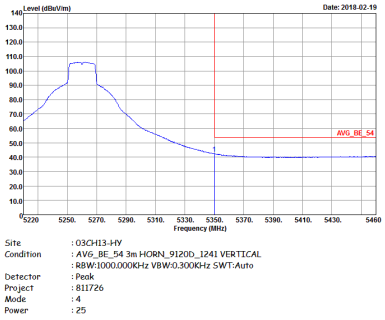
Band 2 5250~5350MHz

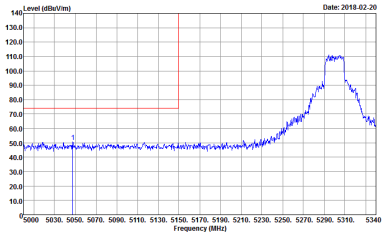
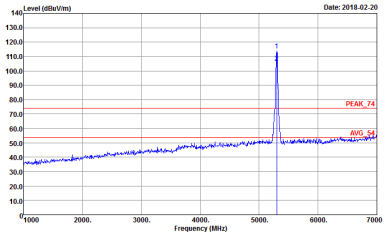
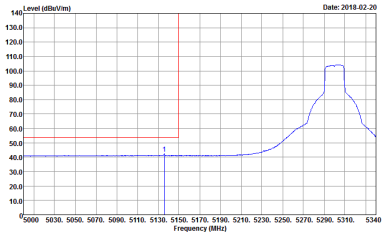
WIFI 802.11ac VHT20 (Band Edge @ 3m)

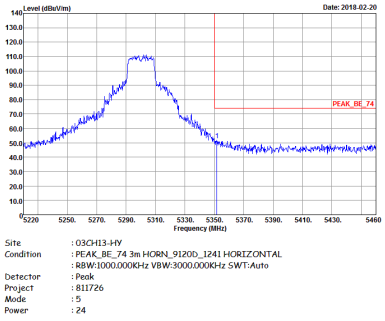
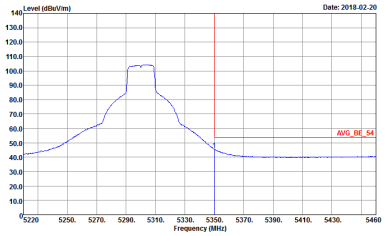
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 4 Power : 25	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 4 Power : 25
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 4 Power : 25	Left blank

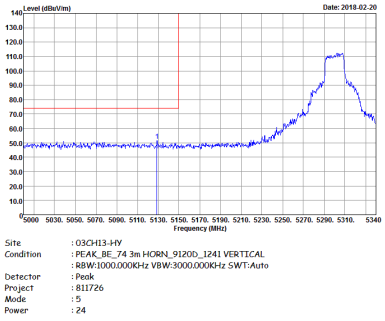
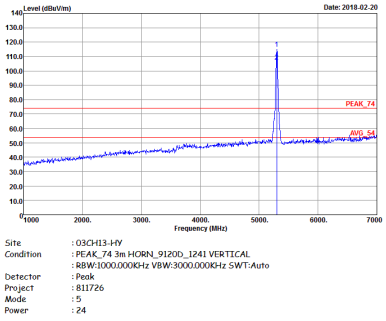
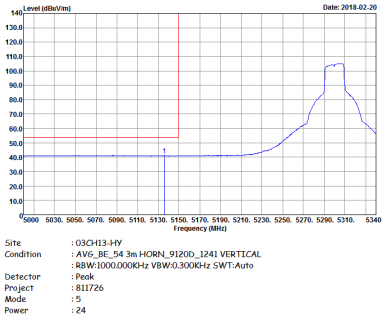
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 4 Power : 25	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 4 Power : 25	Left blank

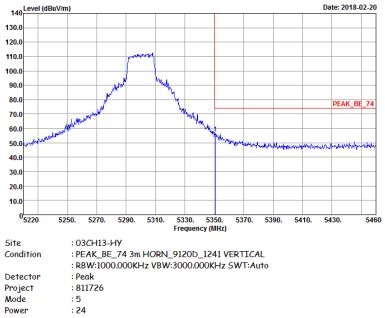
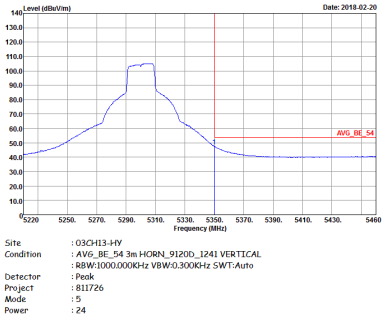
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

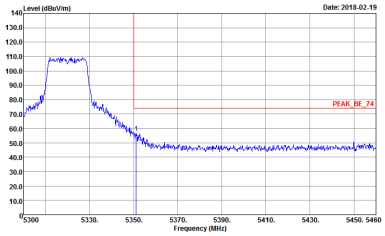
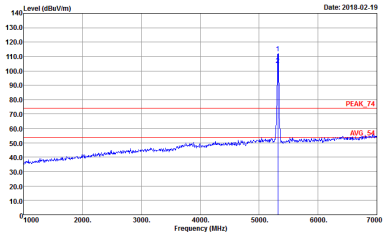
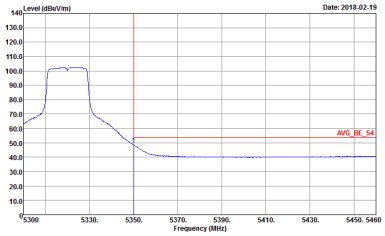
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

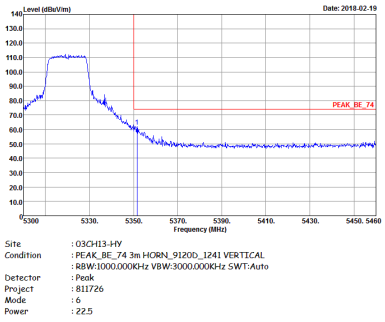
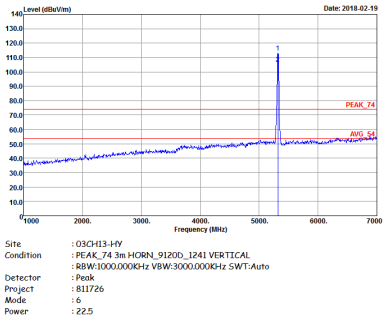
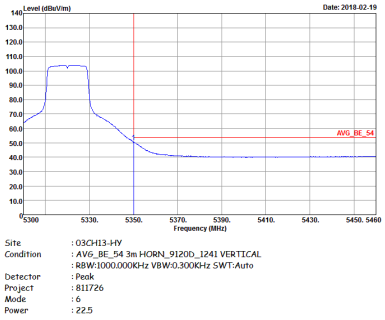
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 5 Power : 24	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 5 Power : 24
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 5 Power : 24	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 5 Power : 24	Left blank
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 5 Power : 24	Left blank

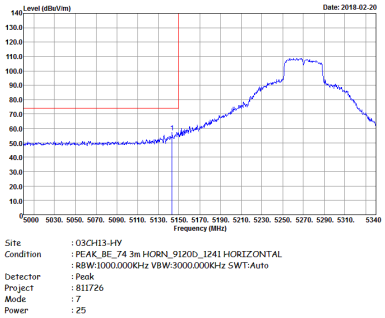
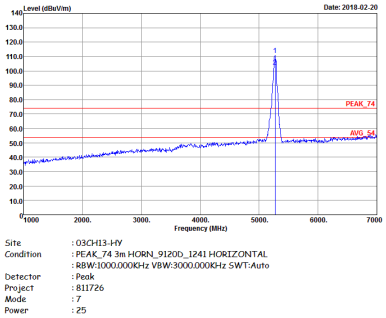
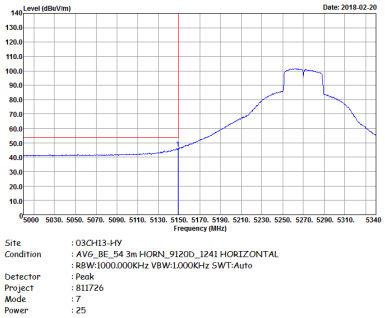
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

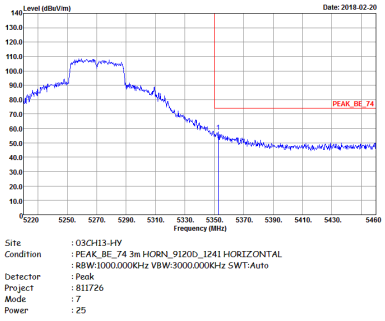
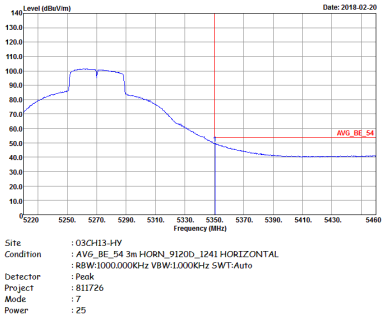
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

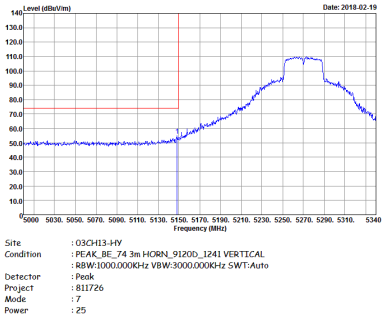
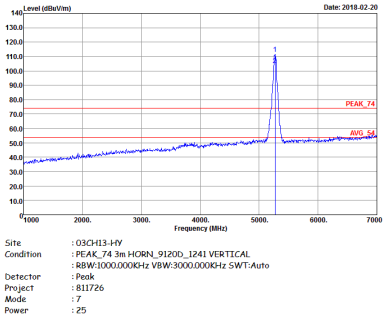
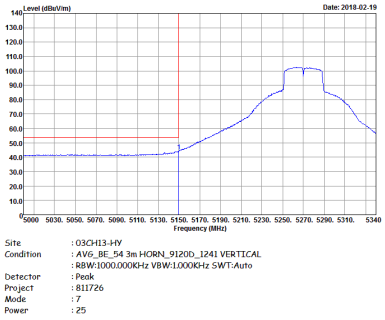
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 6 Power : 22.5	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 6 Power : 22.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 6 Power : 22.5	Left blank

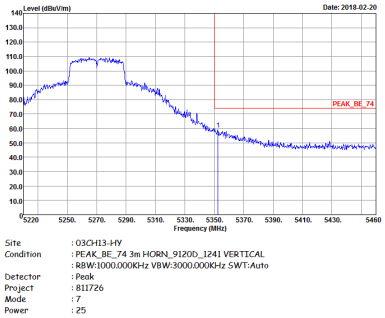
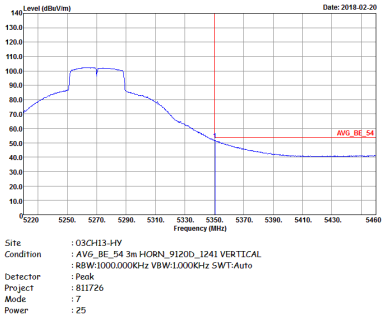
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

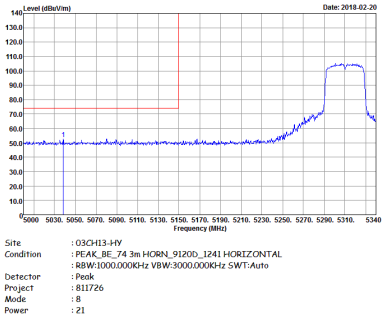
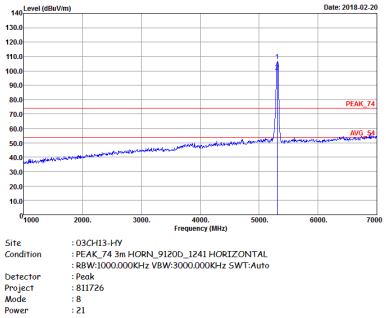
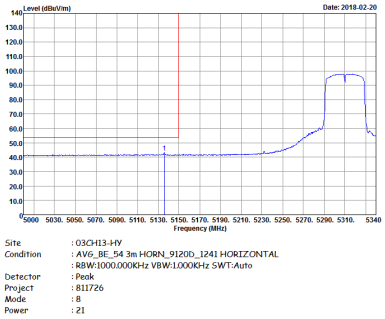
Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

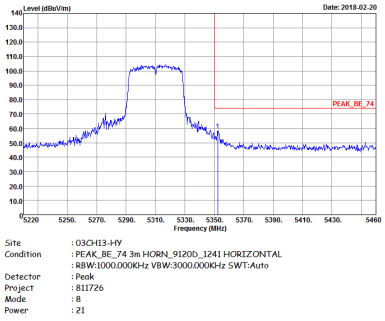
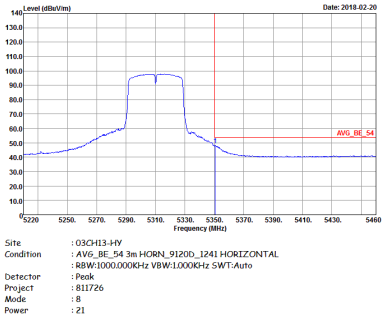
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

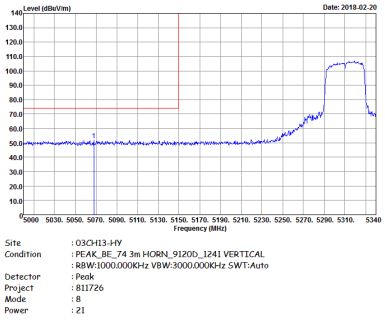
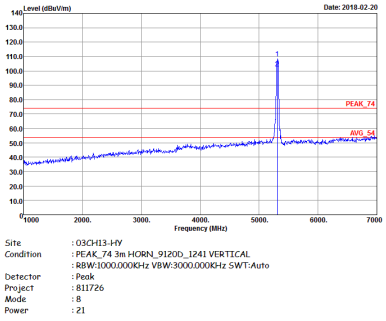
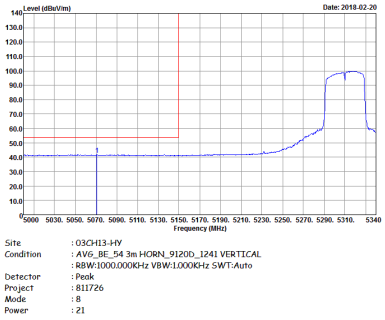
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

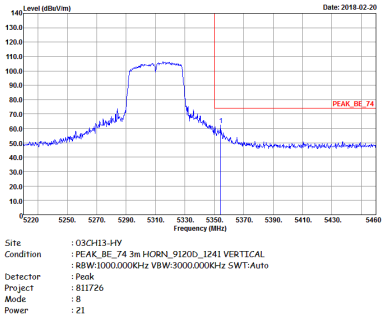
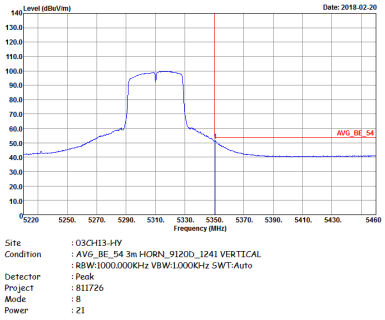
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

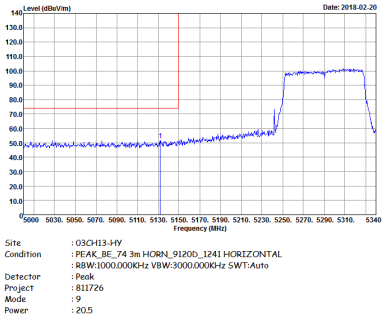
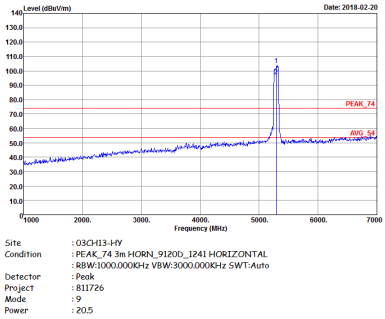
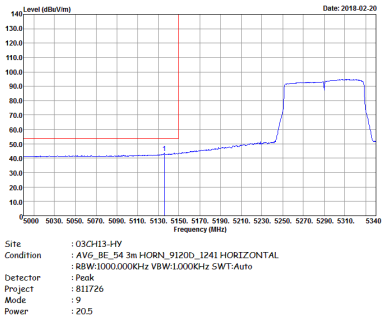
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

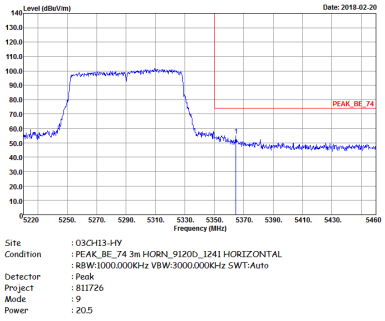
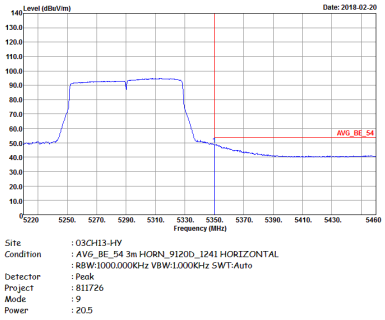
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

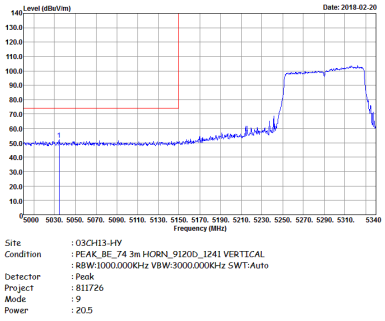
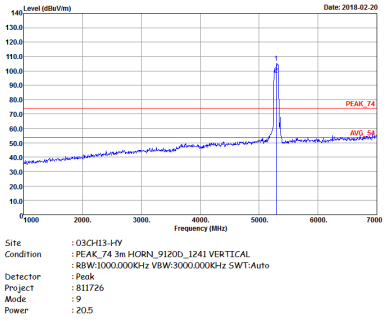
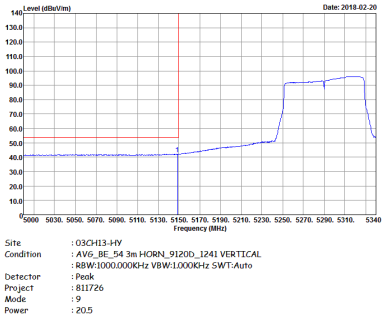
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

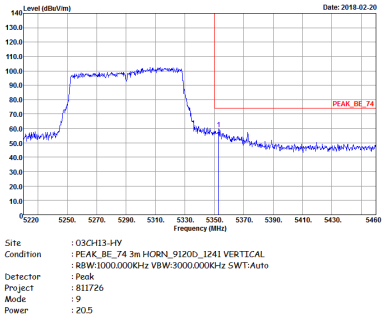
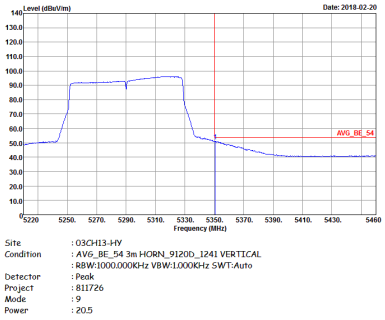
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

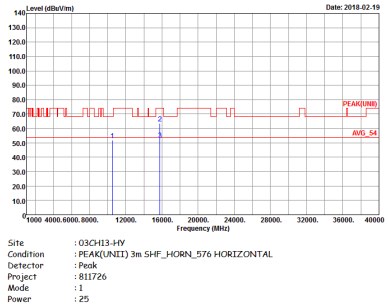
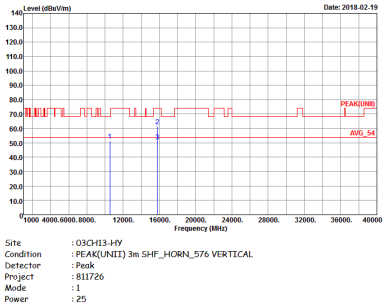
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

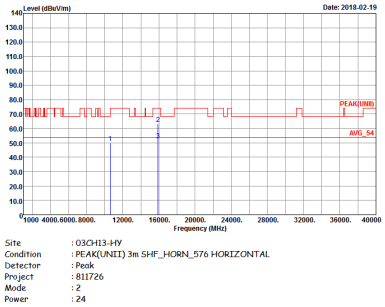
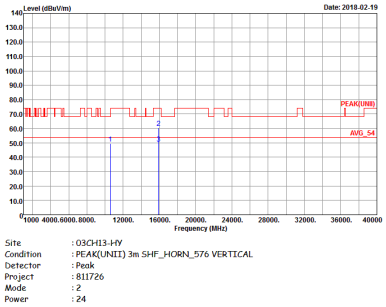
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

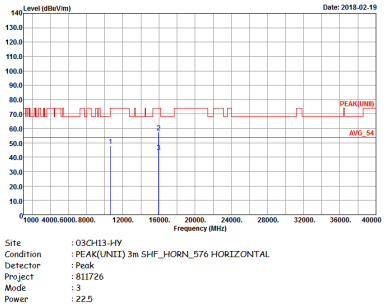
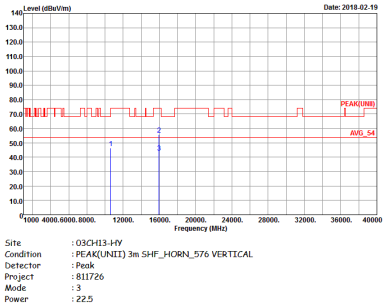
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

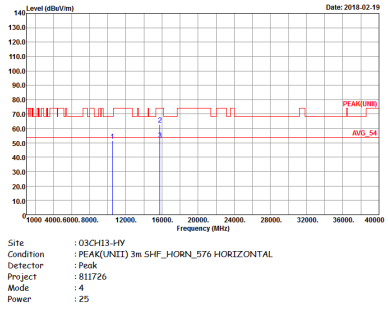
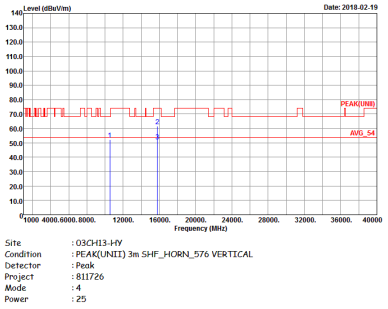
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

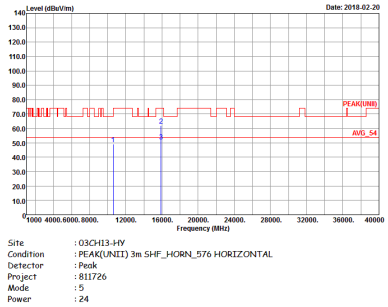
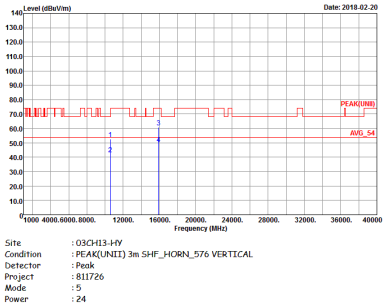
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

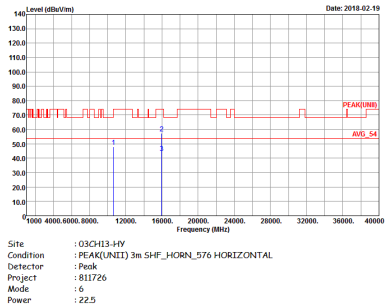
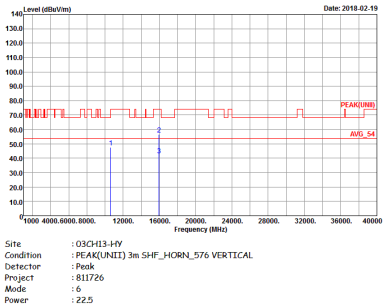
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

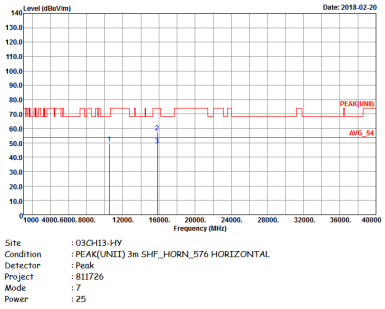
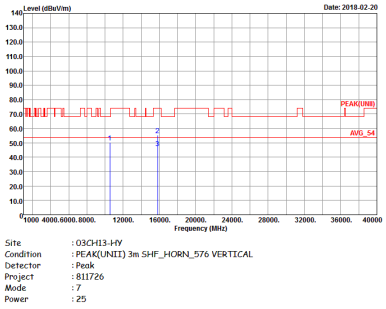
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

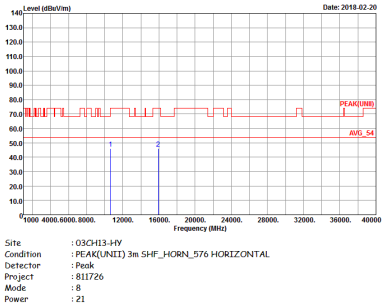
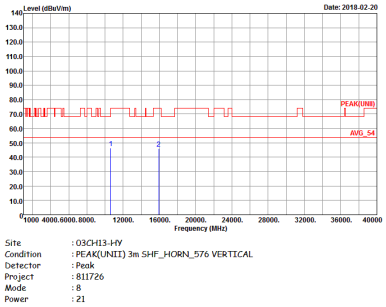
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

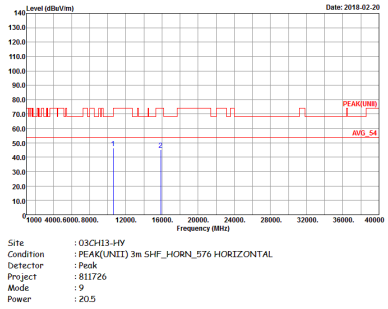
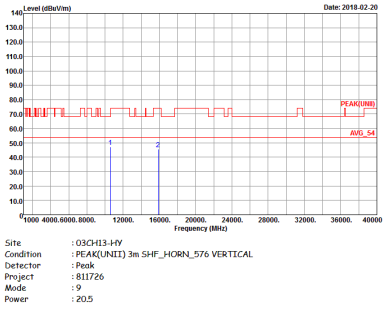
Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.		

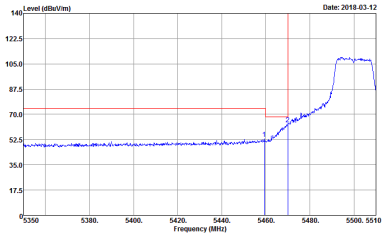
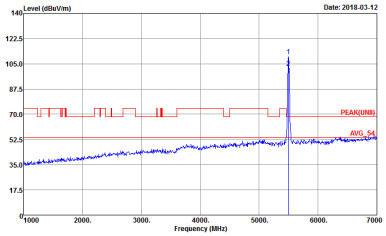
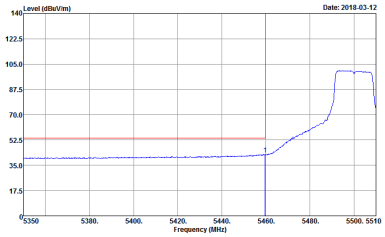
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.		

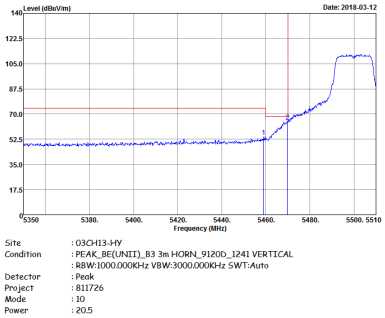
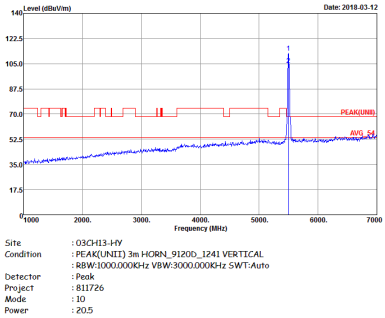
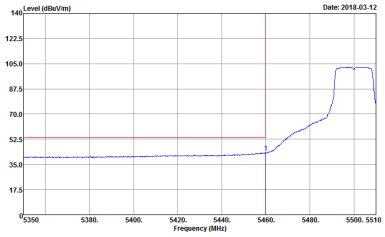
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

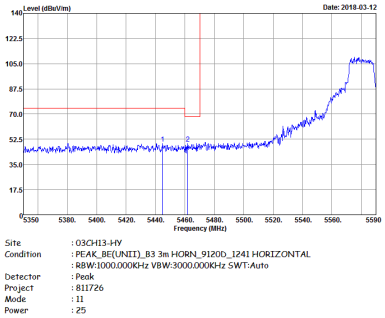
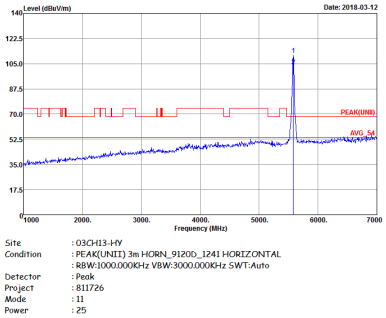
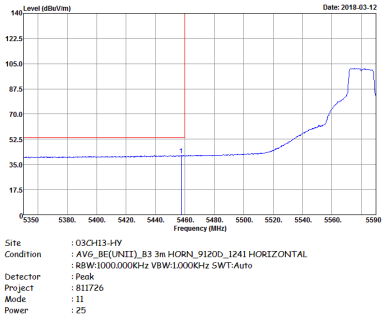
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.		

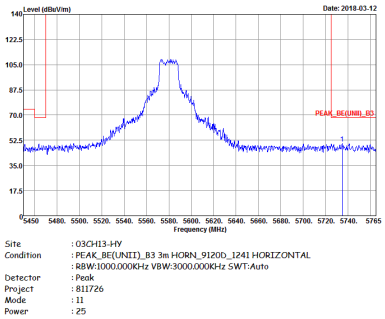
Band 3 - 5470~5725MHz

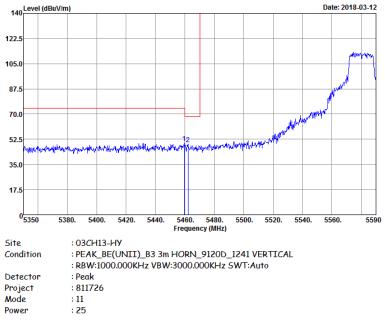
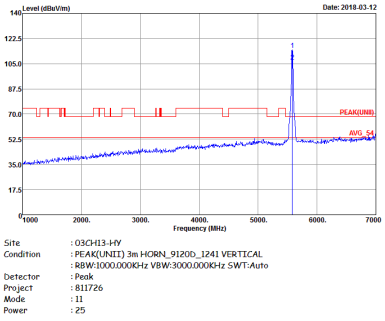
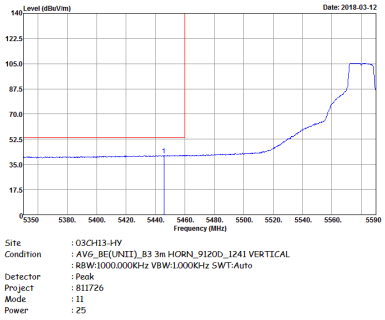
WIFI 802.11a (Band Edge @ 3m)

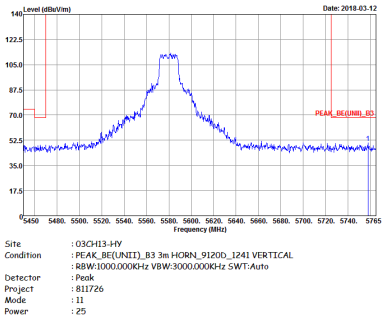
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 10 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 10 Power : 20.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 10 Power : 20.5	Left blank

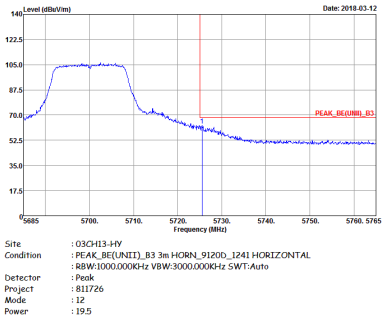
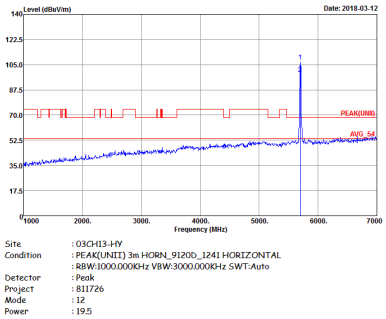
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 10 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 10 Power : 20.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 10 Power : 20.5	Left blank

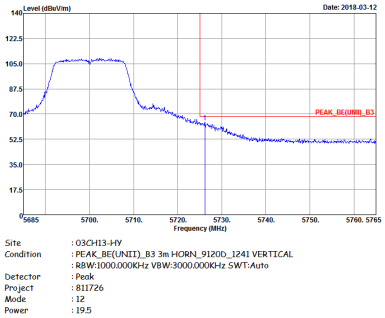
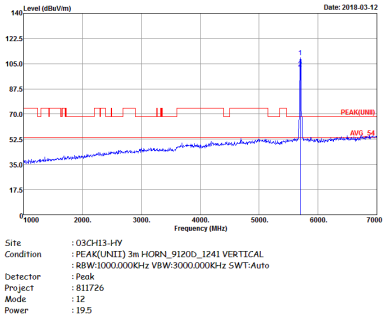
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
3	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

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

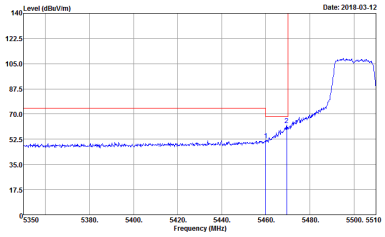
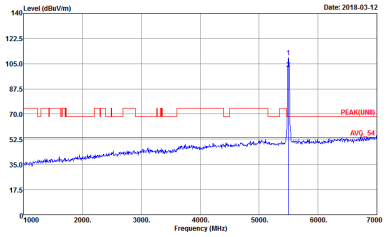
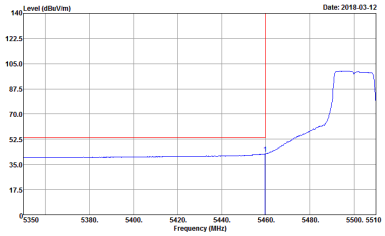
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
3	Vertical	Fundamental
Peak		Left blank

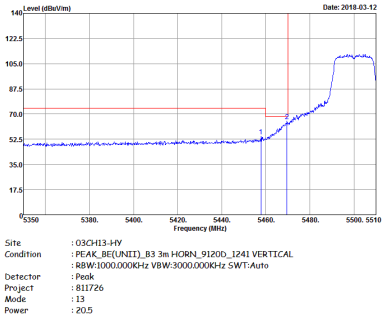
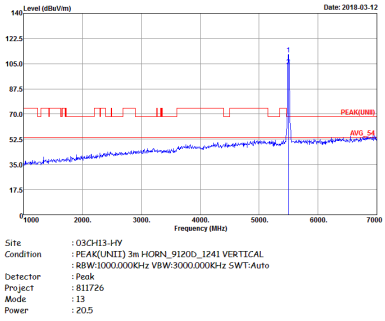
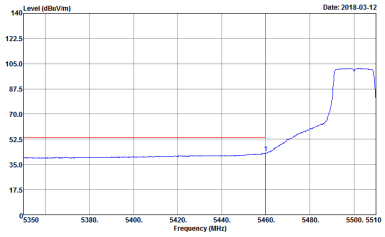
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
3	Horizontal	Fundamental
Peak		

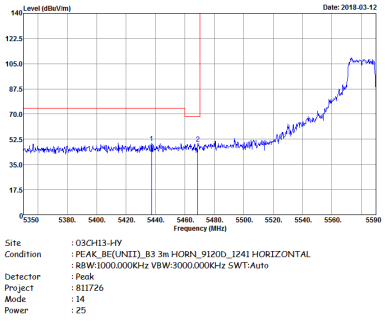
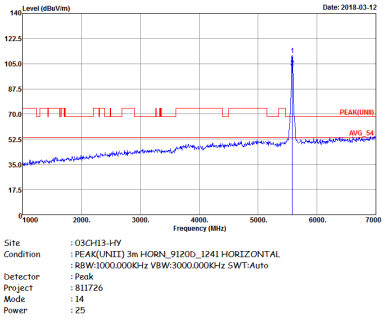
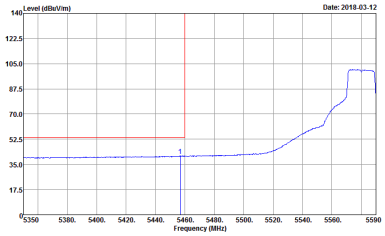
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
3	Vertical	Fundamental
Peak		

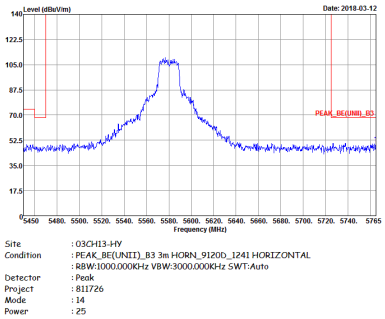
Band 3 5470~5725MHz

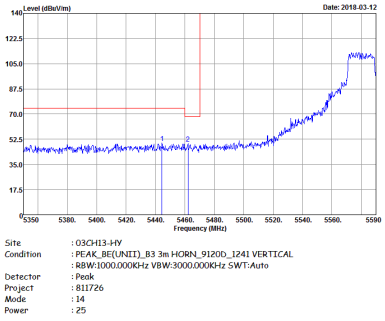
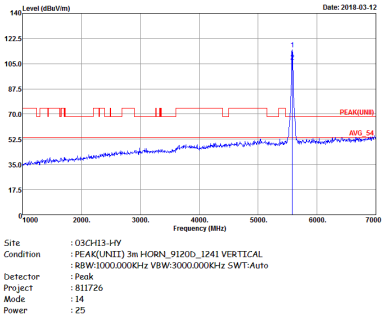
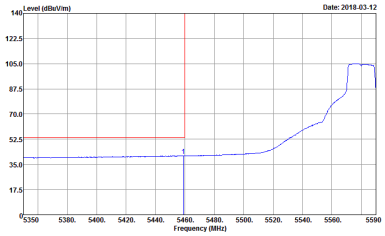
WIFI 802.11ac VHT20 (Band Edge @ 3m)

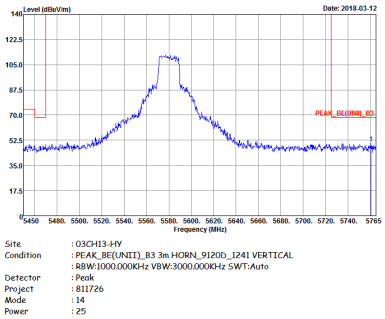
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH13-HV Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 13 Power : 20.5	 Site : 03CH13-HV Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 13 Power : 20.5
Avg.	 Site : 03CH13-HV Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 13 Power : 20.5	Left blank

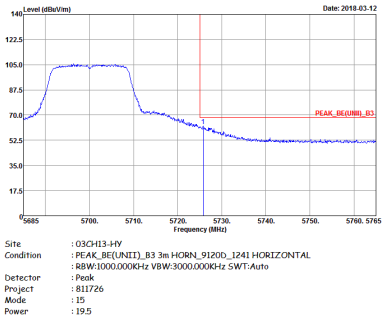
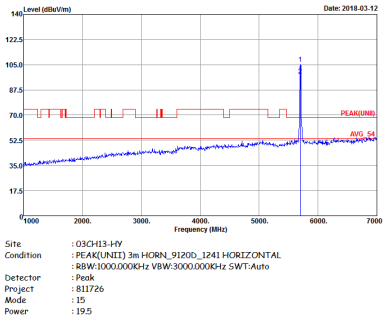
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 13 Power : 20.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 13 Power : 20.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 13 Power : 20.5	Left blank

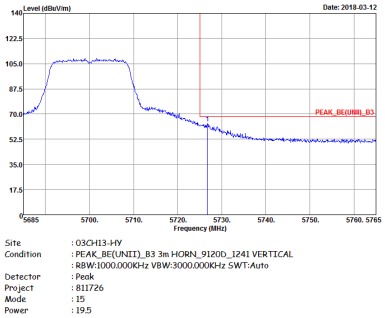
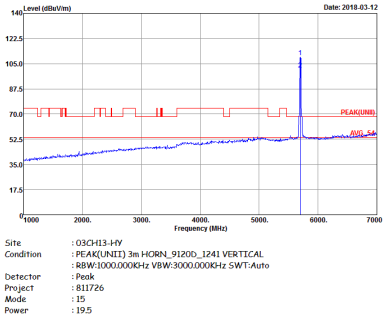
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - L	
3	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 14 Power : 25	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 14 Power : 25
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 14 Power : 25	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
3	Horizontal	Fundamental
Peak		Left blank

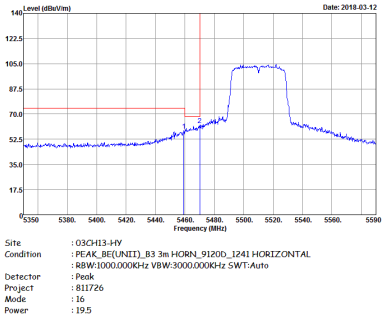
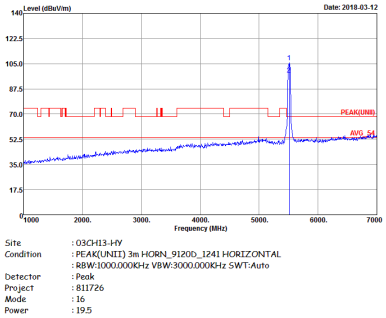
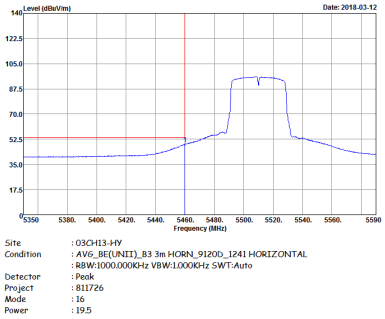
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 14 Power : 25	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 14 Power : 25
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto Detector : Peak Project : 811726 Mode : 14 Power : 25	Left blank

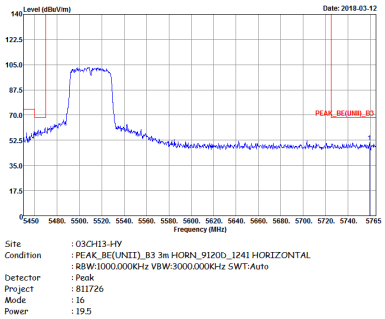
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz - R	
3	Vertical	Fundamental
Peak		Left blank

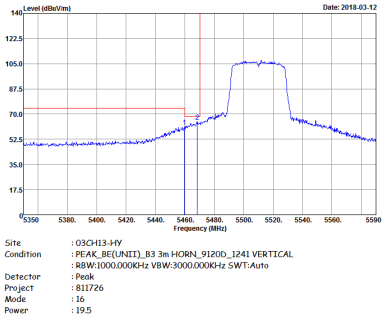
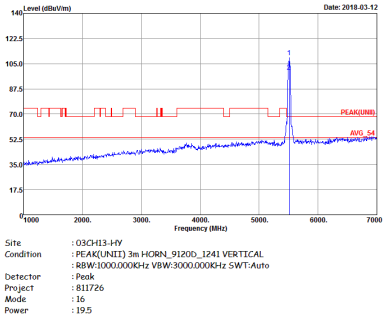
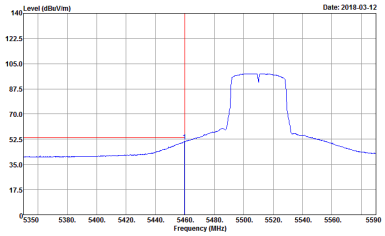
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
3	Horizontal	Fundamental
Peak		

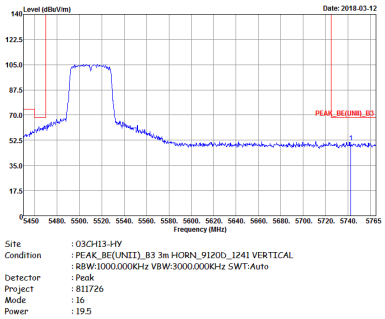
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 15 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 15 Power : 19.5

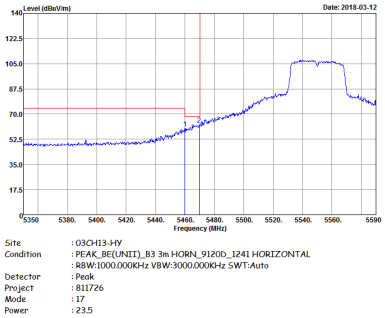
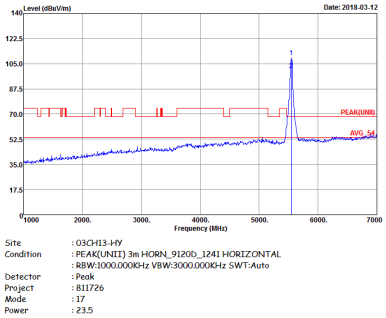
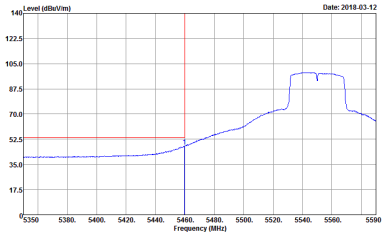
Band 3 5470~5725MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

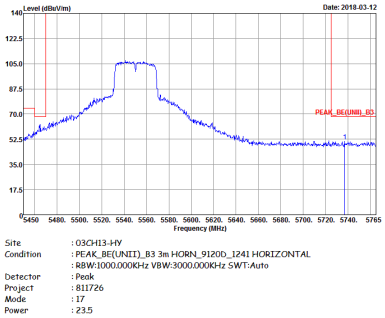
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
3	Horizontal	Fundamental
Peak		
Avg.		Left blank

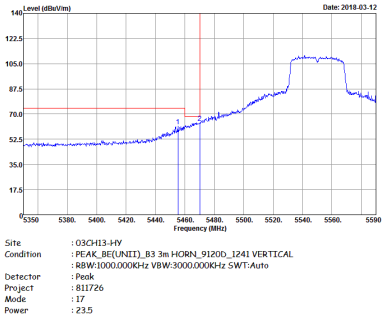
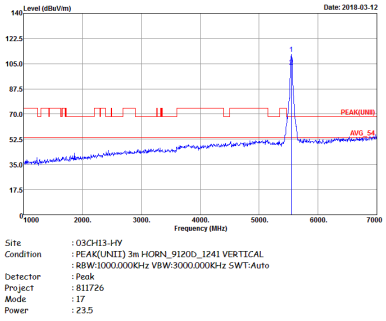
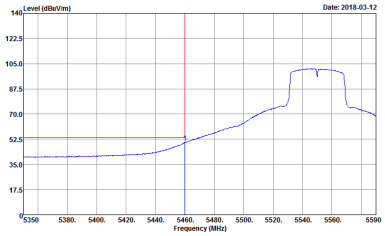
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
3	Horizontal	Fundamental
Peak		Left blank

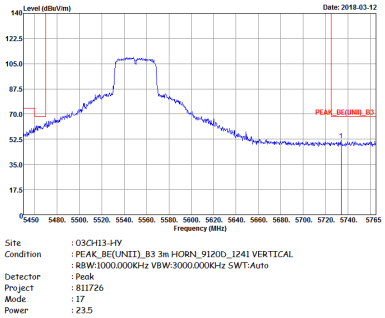
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 16 Power : 19.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 16 Power : 19.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 16 Power : 19.5	Left blank

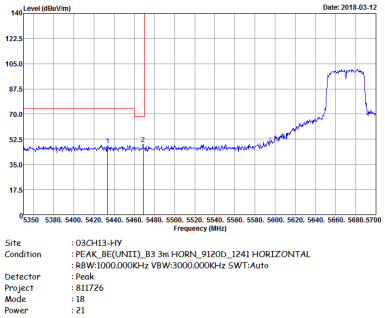
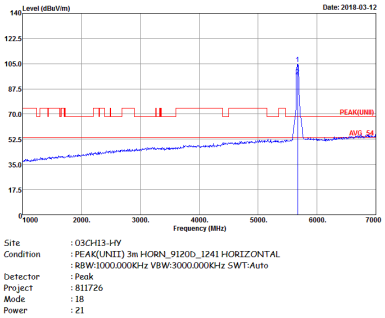
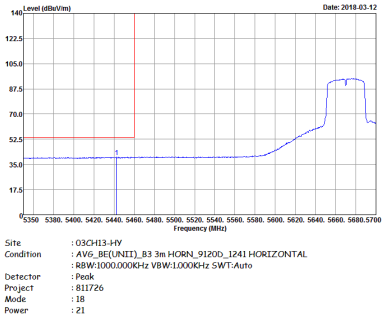
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz - R	
3	Vertical	Fundamental
Peak		Left blank

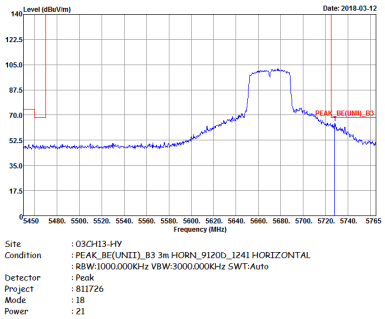
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
3	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 17 Power : 23.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 17 Power : 23.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 17 Power : 23.5	Left blank

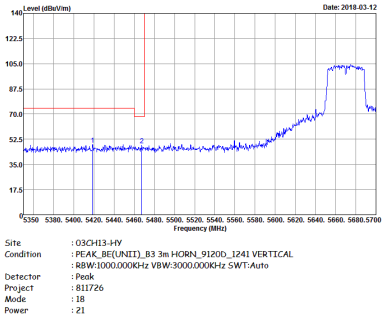
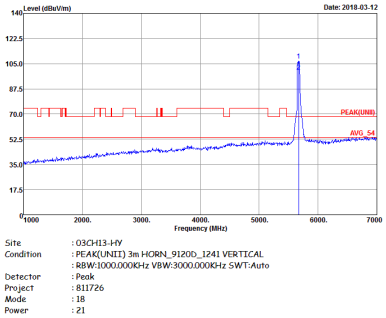
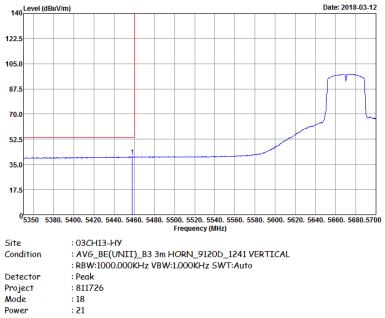
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
3	Horizontal	Fundamental
Peak		Left blank

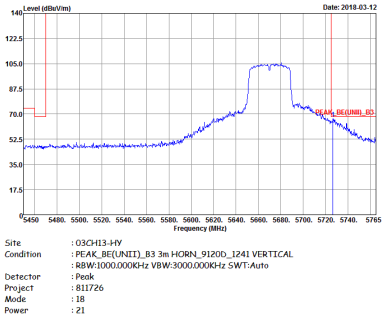
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 17 Power : 23.5	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 17 Power : 23.5
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 17 Power : 23.5	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz - R	
3	Vertical	Fundamental
Peak		Left blank

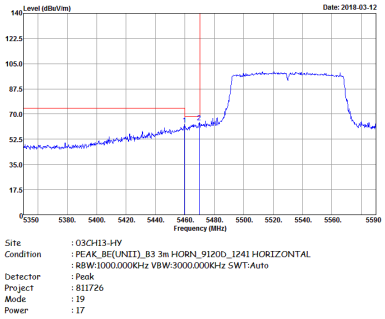
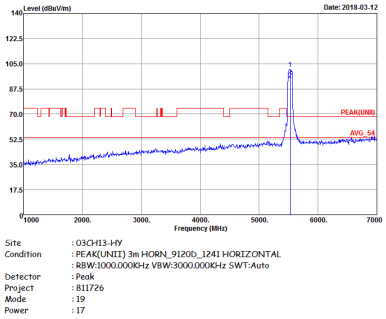
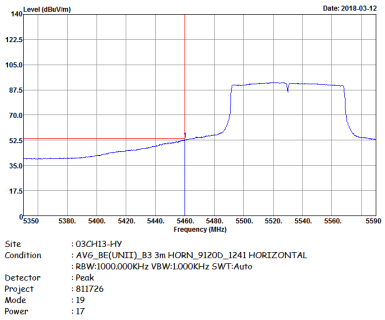
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
3	Horizontal	Fundamental
Peak		
Avg.		Left blank

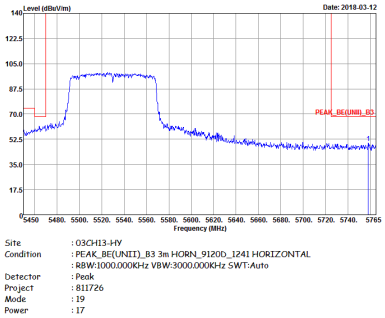
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
3	Horizontal	Fundamental
Peak		Left blank

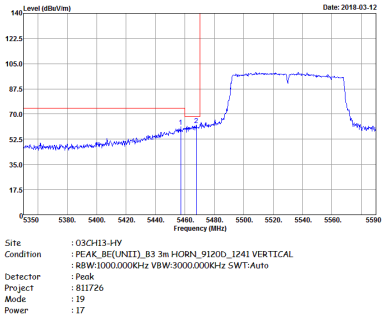
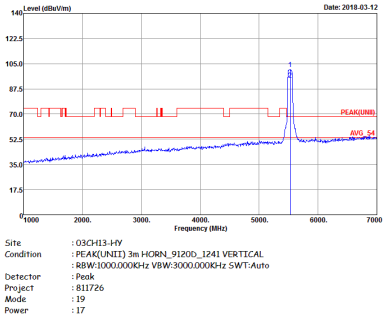
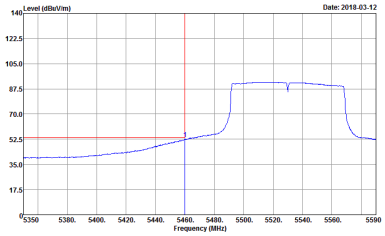
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - L	
3	Vertical	Fundamental
Peak		
Avg.		Left blank

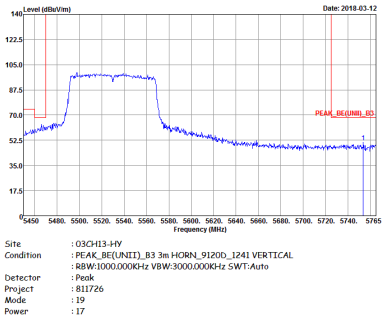
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz - R	
3	Vertical	Fundamental
Peak		Left blank

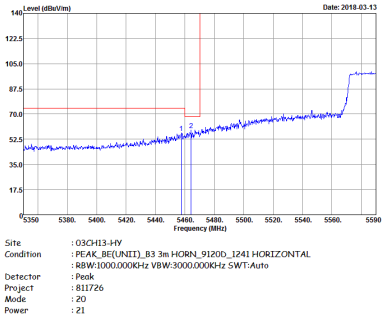
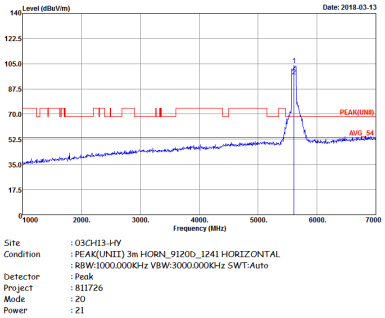
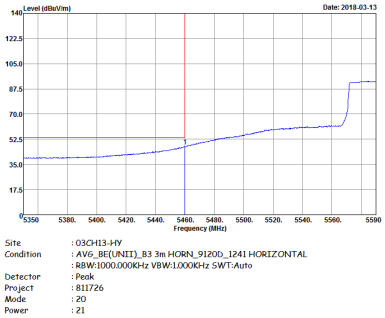
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

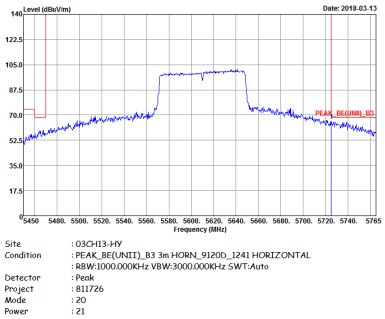
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
3	Horizontal	Fundamental
Peak		
Avg.		Left blank

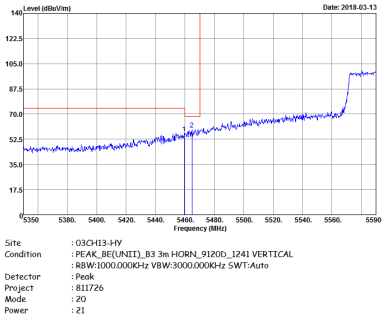
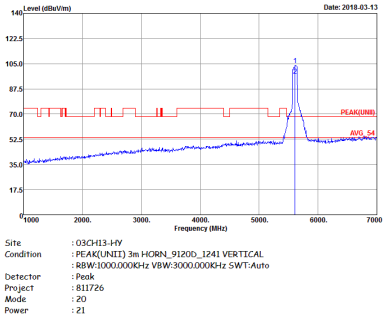
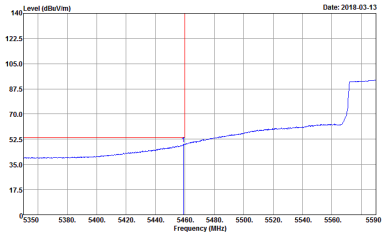
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
3	Horizontal	Fundamental
Peak		Left blank

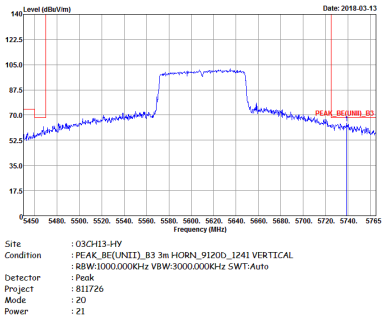
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 19 Power : 17	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 19 Power : 17
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 19 Power : 17	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
3	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
3	Horizontal	Fundamental
Peak		
Avg.		Left blank

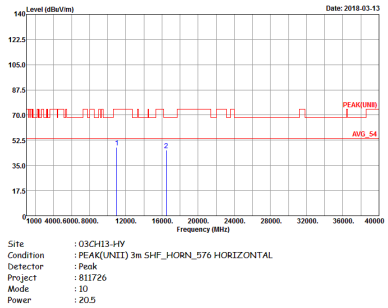
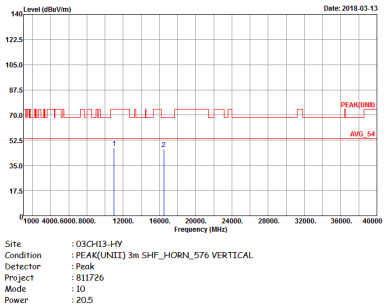
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
3	Horizontal	Fundamental
Peak		Left blank

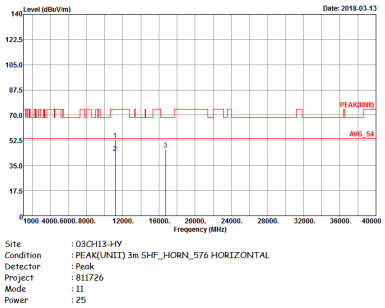
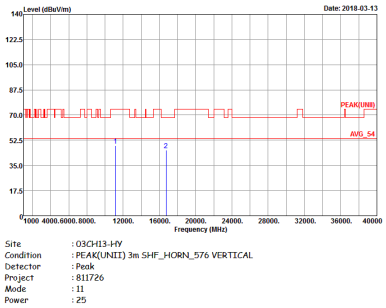
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
3	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 20 Power : 21	 Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 20 Power : 21
Avg.	 Site : 03CH13-HY Condition : AVG_BE(UNII)_B3 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 811726 Mode : 20 Power : 21	Left blank

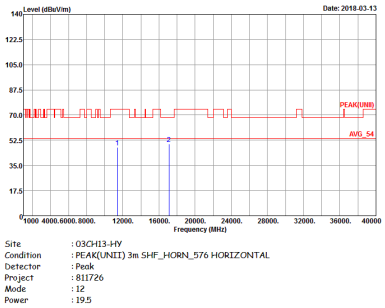
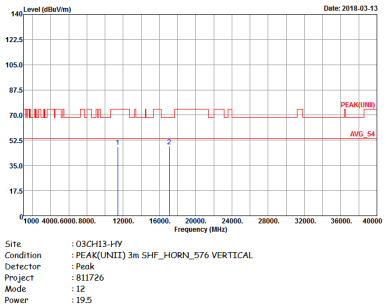
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
3	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

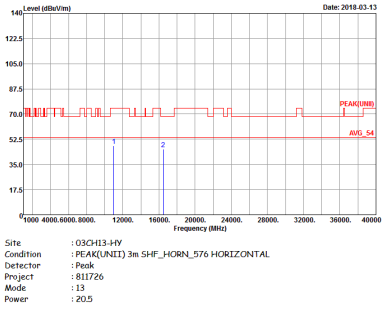
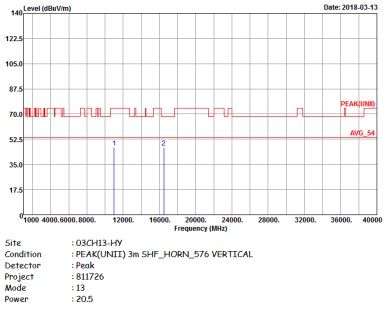
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
3	Horizontal	Vertical
Peak Avg.		

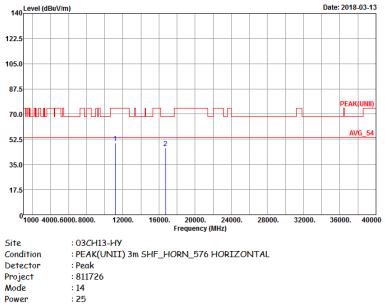
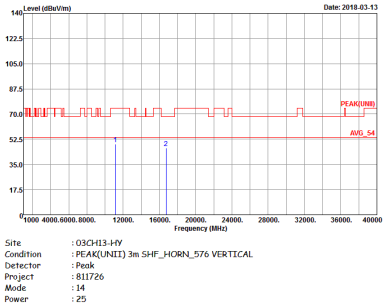
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
3	Horizontal	Vertical
Peak Avg.		

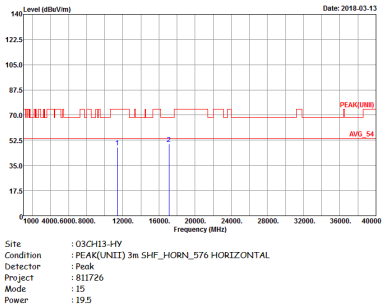
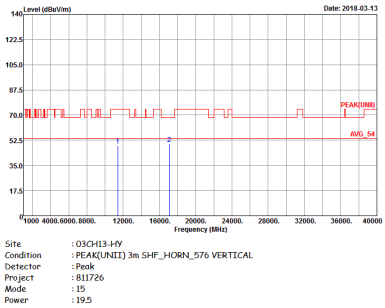
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
3	Horizontal	Vertical
Peak Avg.		

Band 3 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

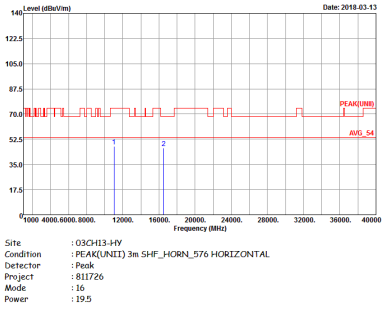
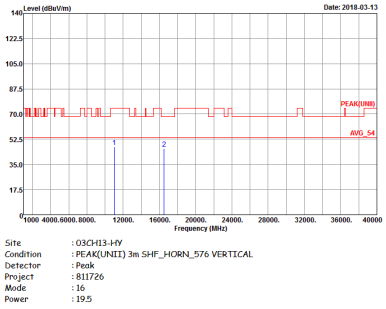
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH100 5500MHz	
3	Horizontal	Vertical
Peak Avg.		

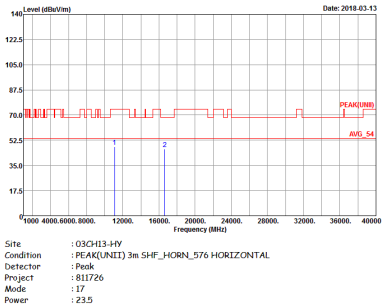
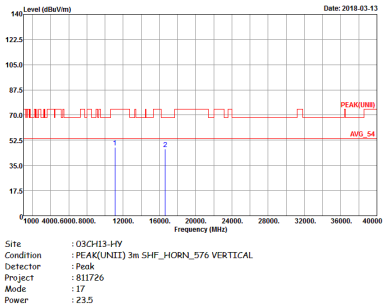
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH116 5580MHz	
3	Horizontal	Vertical
Peak Avg.		

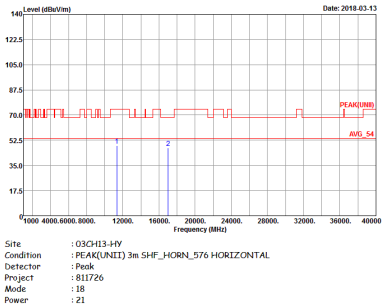
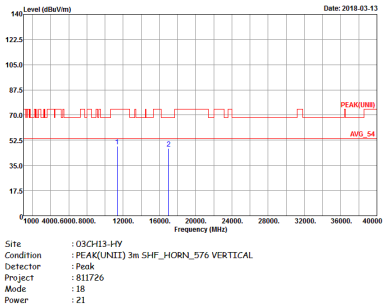
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH140 5700MHz	
3	Horizontal	Vertical
Peak Avg.		

Band 3 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

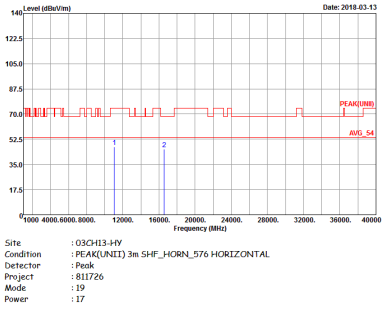
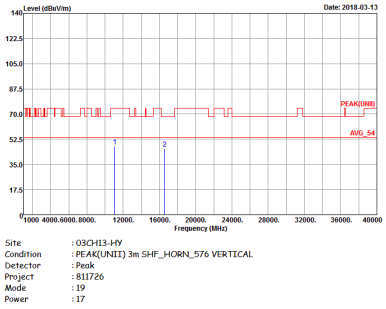
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH102 5510MHz	
3	Horizontal	Vertical
Peak Avg.		

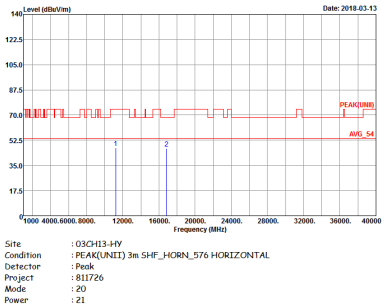
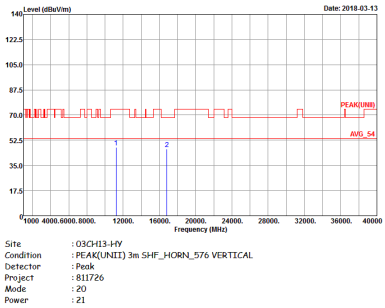
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH110 5550MHz	
3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH134 5670MHz	
3	Horizontal	Vertical
Peak Avg.		

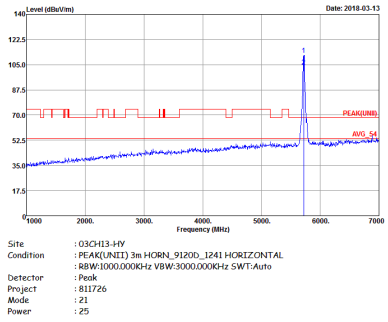
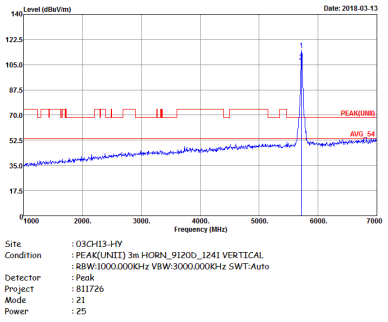
Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
3	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
3	Horizontal	Vertical
Peak Avg.		

Band 3 - Straddle Channel

WIFI 802.11a (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11a CH144 5720MHz	
3	Horizontal	Vertical
Peak Avg.