



FCC RADIO TEST REPORT

FCC ID : NM82Q6P100
Equipment : Headset
Model Name : 2Q6P100
Applicant : HTC Corporation
No. 88, Sec. 3, Zhongxing Rd., Xindian Dist.,
New Taipei City 231, Taiwan (R.O.C.)
Manufacturer : HTC Corporation
No. 23, Xinghua Rd., Taoyuan District,
Taoyuan City, Taiwan 330
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jan. 22, 2019 and testing was started from Feb. 06, 2019 and completed on Mar. 09, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR912242D	01	Initial issue of report	Mar. 26, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.36 dB at 5150.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 12.63 dB at 0.551 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Dara Chiu



1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WLAN: <Ant. 1>: PCB Antenna <Ant. 2>: PCB Antenna Bluetooth: PCB Antenna 2.4GHz Proprietary Radio: PCB Antenna

1.2 Modification of EUT

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

1.3 Testing Location

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

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	03CH15-HY	

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

FCC Designation No.: TW1190 and TW0007



1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ 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 (Z plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

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

MIMO Mode

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

Test Cases	
AC Conducted Emission	Mode 1: Bluetooth Link + WLAN (5GHz) Link + H-Pattern + Bluetooth Earphone + Controller Power On (2.4GHz RF Link) + USB Cable 1 (Charging from Adapter)
Remark: For Radiated Test Cases, The tests were performance with USB Cable 1.	



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

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

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

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Controller	htc	2Q6M200	N/A	N/A	N/A
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
4.	Notebook	ASUS	P2430U	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Mobile Phone	Apple	A1687	BCG-E2944A	N/A	N/A

2.5 EUT Operation Test Setup

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



2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

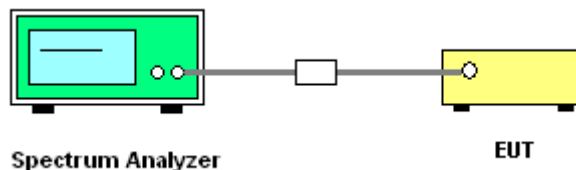
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

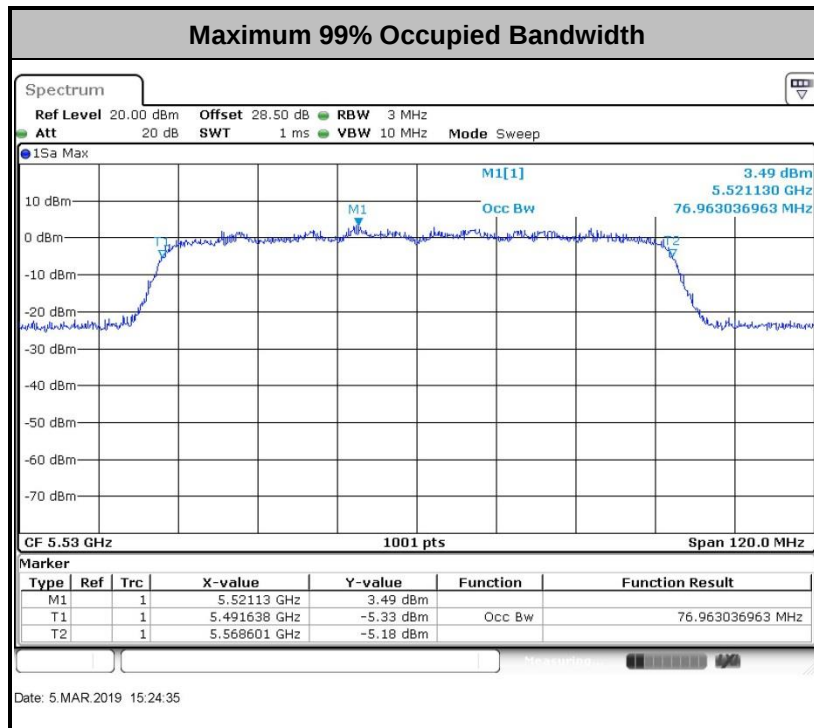
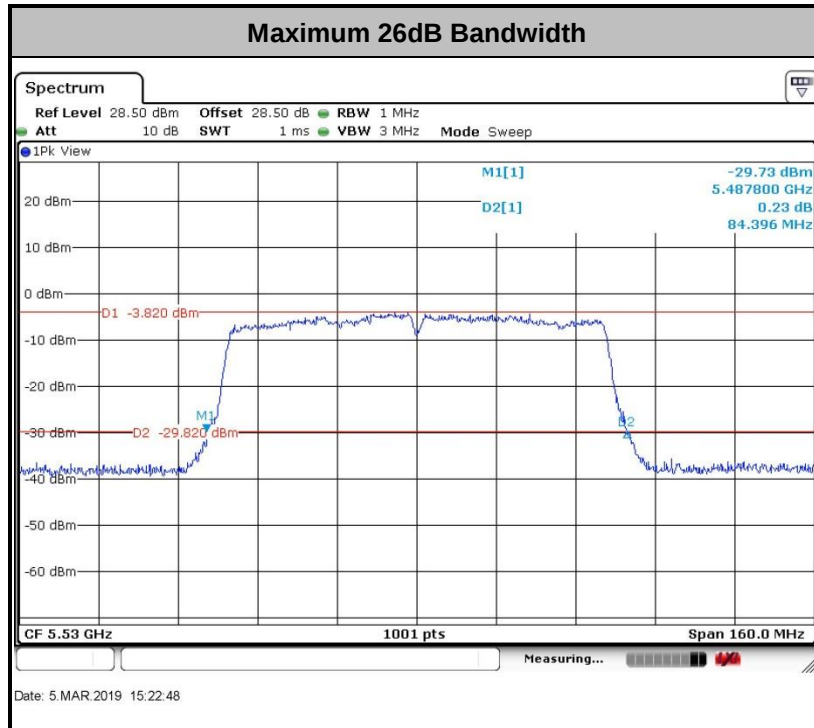
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

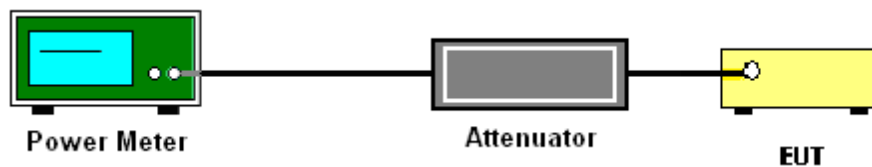
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-2

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

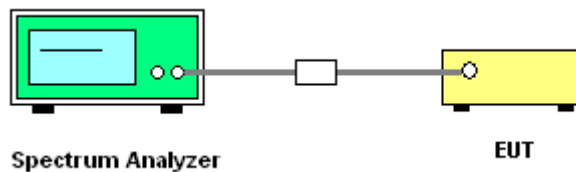
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW $\geq$ 3 MHz.
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10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

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

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

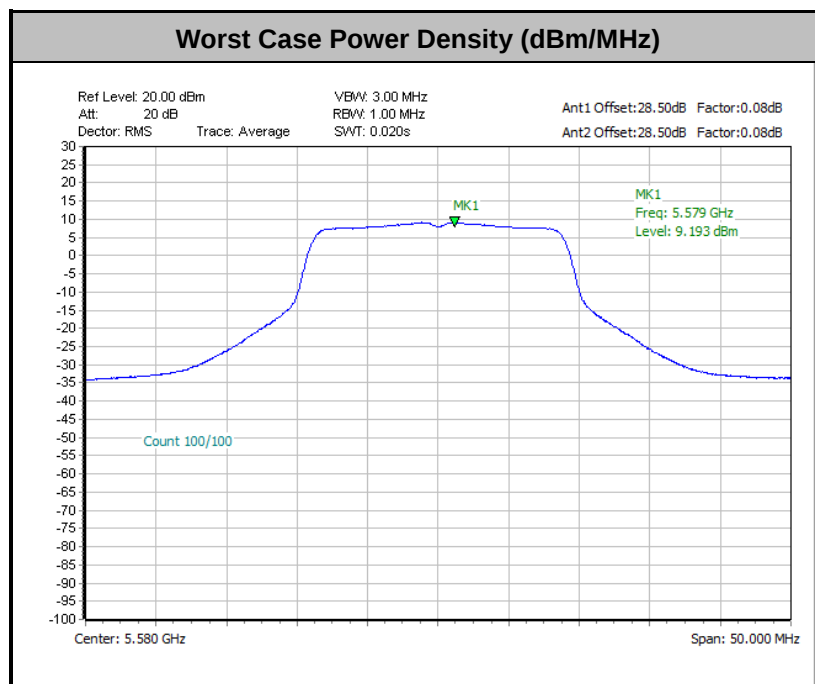
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

- (i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.³
- (ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.⁴

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

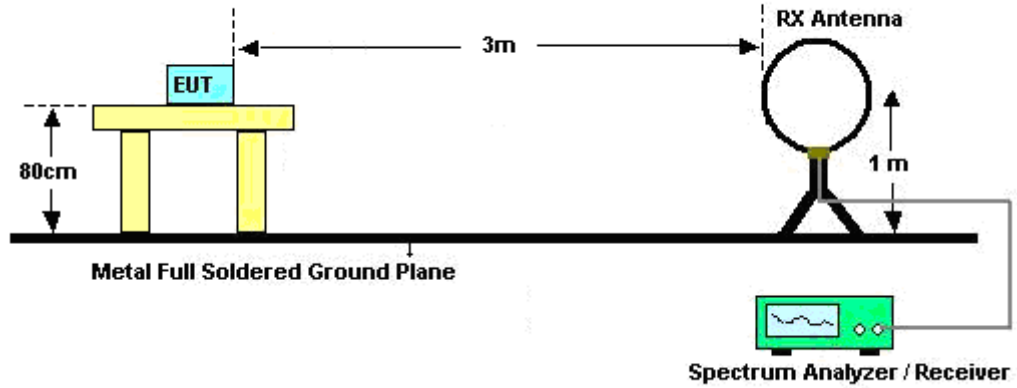
- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

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

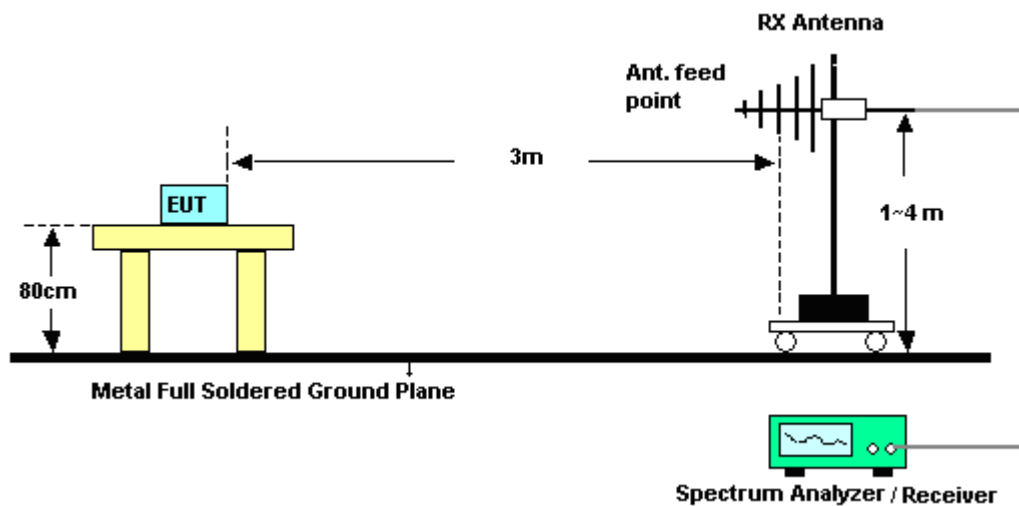
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
 3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
 4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
 5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
 6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
 7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

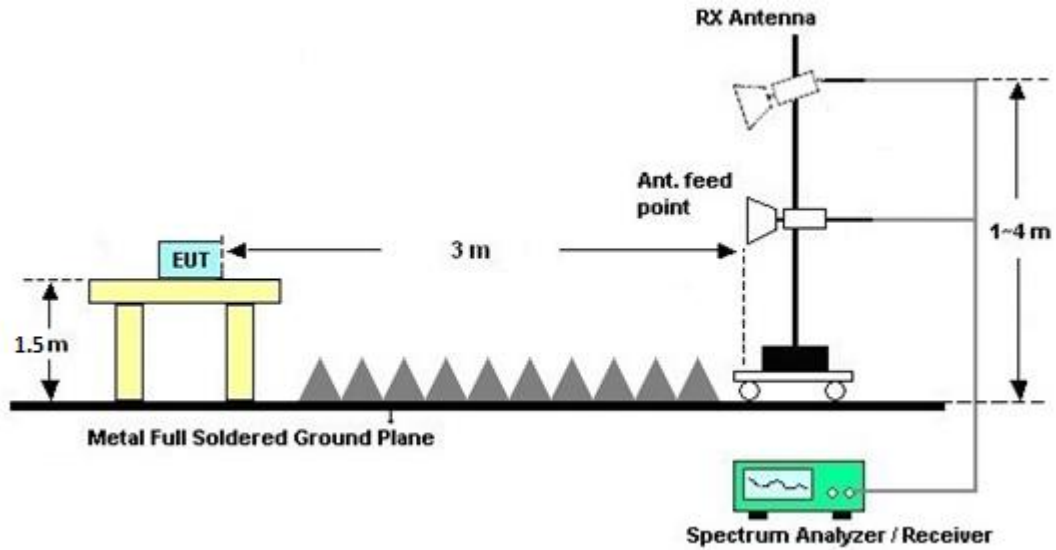
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

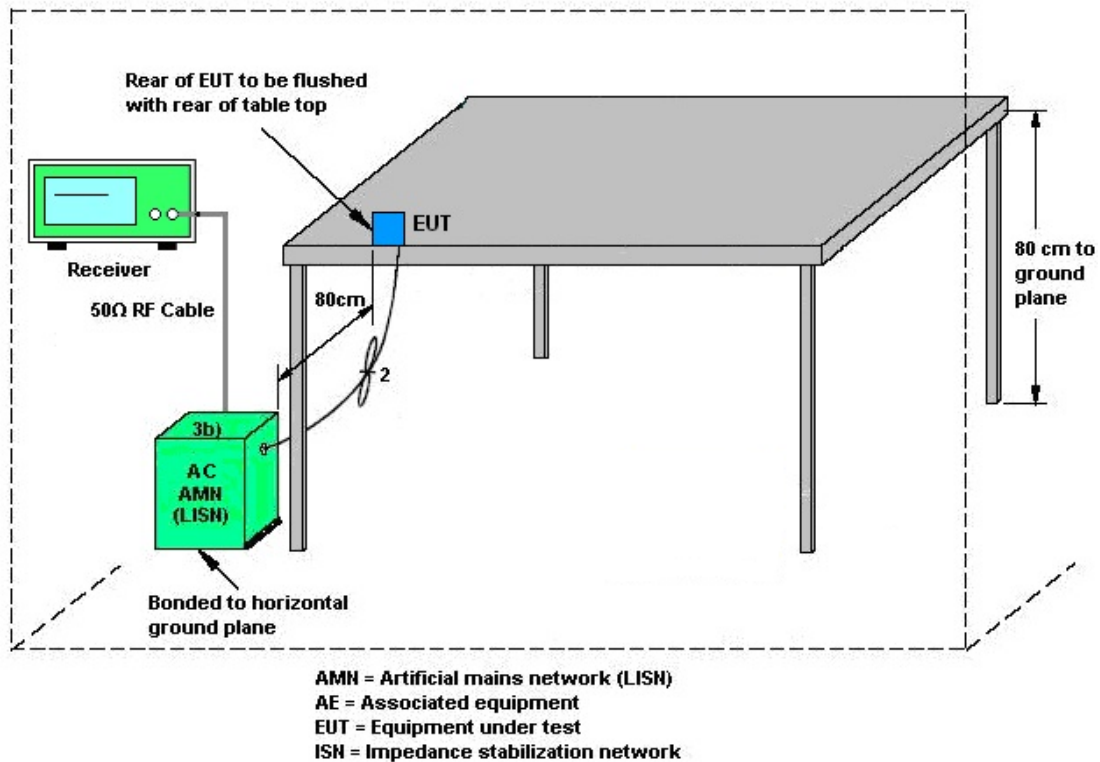
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

Array Gain = $10 \log(\text{NANT}/\text{NSS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

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

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>						
			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant. 1	Ant. 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	-2.00	-2.00	-2.00	1.01	0.00	0.00
Band II	-2.00	-2.00	-2.00	1.01	0.00	0.00
Band III	-2.00	-2.00	-2.00	1.01	0.00	0.00

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz~30 MHz	Mar. 29, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Mar. 28, 2019	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 06, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Dec. 05, 2019	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL6111D&0802N1D01N-06	47020&06	30MHz to 1GHz	Oct. 13, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Oct. 12, 2019	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1620	1G~18GHz	Oct. 17, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Oct. 16, 2019	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz ~ 40GHz	May 08, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	May 07, 2019	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 28, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Dec. 27, 2019	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000550006	1GHz~18GHz	Jul. 10, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Jul. 09, 2019	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JAP00101800-30-10P	160118550004	1GHz~18GHz	Apr. 17, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Apr. 16, 2019	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 23, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Aug. 22, 2019	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	20Hz ~ 8.4GHz	Nov. 01, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Oct. 31, 2019	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	Apr. 25, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Apr. 24, 2019	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Feb. 12, 2019 ~ Mar. 09, 2019	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Feb. 12, 2019 ~ Mar. 09, 2019	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24	RK-000451	N/A	N/A	Feb. 12, 2019 ~ Mar. 09, 2019	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M-18G	Apr. 16, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Apr. 15, 2019	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9838/4	30M-18G	Apr. 16, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Apr. 15, 2019	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	MTJ	000000-MT18A-100D3210	30M-18G	Apr. 16, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Apr. 15, 2019	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 14, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Mar. 13, 2019	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 14, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Mar. 13, 2019	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN3	6.75 GHz Highpass	Sep. 16, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Sep. 15, 2019	Radiation (03CH15-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40S	SN11	1G Low Pass	Sep. 16, 2018	Feb. 12, 2019 ~ Mar. 09, 2019	Sep. 15, 2019	Radiation (03CH15-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RadiPower	15I00041S NO09	10MHz~6GHz	May. 07, 2018	Feb. 06, 2019 ~ Mar. 06, 2019	May. 06, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2018	Feb. 06, 2019 ~ Mar. 06, 2019	Nov. 20, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV 30	100895	9kHz~30GHz	Apr. 20, 2018	Feb. 06, 2019 ~ Mar. 06, 2019	Apr. 19, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Apr. 17, 2018	Feb. 06, 2019 ~ Mar. 06, 2019	Apr. 16, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Feb. 19, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Feb. 19, 2019	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Feb. 19, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Feb. 19, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Feb. 19, 2019	N/A	Conduction (CO05-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Sep. 14, 2018	Feb. 19, 2019	Sep. 13, 2019	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Nov. 08, 2018	Feb. 19, 2019	Nov. 07, 2019	Conduction (CO05-HY)
ISN	TESEQ	ISN T8-Cat6	38909	N/A	Jan. 30, 2019	Feb. 19, 2019	Jan. 29, 2020	Conduction (CO05-HY)
ISN Cable	Woken	RG-400	N/A	N/A	Dec. 31, 2018	Feb. 19, 2019	Dec. 30, 2019	Conduction (CO05-HY)



5 Uncertainty of Evaluation

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Howard Lin	Temperature:	21~25	°C
Test Date:	2019/2/6~2019/3/6	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	16.78	16.83	24.78	25.67	-		22.25	22.26	
11a	6Mbps	1	44	5220	16.83	16.83	25.42	25.38	-		22.26	22.26	
11a	6Mbps	1	48	5240	16.83	16.88	25.97	25.72	-		22.26	22.27	
HT20	MCS0	2	36	5180	17.98	17.88	26.17	25.18	-		22.52		
HT20	MCS0	2	44	5220	17.93	17.83	27.27	25.82	-		22.51		
HT20	MCS0	2	48	5240	17.93	17.83	26.22	25.23	-		22.51		
HT40	MCS0	2	38	5190	36.56	36.66	41.72	42.44	-		23.01		
HT40	MCS0	2	46	5230	36.56	36.46	41.63	41.90	-		23.01		
VHT80	MCS0	2	42	5210	76.36	76.48	83.76	83.76	-		23.01		

TEST RESULTS DATA
Average Power Table

FCC Band I												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	16.90	16.50		24.00	24.00	-2.00	-2.00	Pass
11a	6Mbps	1	44	5220	16.90	16.70		24.00	24.00	-2.00	-2.00	Pass
11a	6Mbps	1	48	5240	17.00	16.60		24.00	24.00	-2.00	-2.00	Pass
HT20	MCS0	1	36	5180	16.80	16.90		24.00	24.00	-2.00	-2.00	Pass
HT20	MCS0	1	44	5220	16.80	17.00		24.00	24.00	-2.00	-2.00	Pass
HT20	MCS0	1	48	5240	16.80	16.90		24.00	24.00	-2.00	-2.00	Pass
HT40	MCS0	1	38	5190	15.70	15.70		24.00	24.00	-2.00	-2.00	Pass
HT40	MCS0	1	46	5230	16.80	16.70		24.00	24.00	-2.00	-2.00	Pass
VHT20	MCS0	1	36	5180	16.70	16.80		24.00	24.00	-2.00	-2.00	Pass
VHT20	MCS0	1	44	5220	16.70	16.90		24.00	24.00	-2.00	-2.00	Pass
VHT20	MCS0	1	48	5240	16.70	16.80		24.00	24.00	-2.00	-2.00	Pass
VHT40	MCS0	1	38	5190	15.60	15.60		24.00	24.00	-2.00	-2.00	Pass
VHT40	MCS0	1	46	5230	16.70	16.60		24.00	24.00	-2.00	-2.00	Pass
VHT80	MCS0	1	42	5210	16.80	13.90		24.00	24.00	-2.00	-2.00	Pass
HT20	MCS0	2	36	5180	16.80	17.00	19.91	24.00		-2.00		Pass
HT20	MCS0	2	44	5220	16.20	16.70	19.47	24.00		-2.00		Pass
HT20	MCS0	2	48	5240	16.20	16.50	19.36	24.00		-2.00		Pass
HT40	MCS0	2	38	5190	15.30	15.70	18.51	24.00		-2.00		Pass
HT40	MCS0	2	46	5230	16.30	16.80	19.57	24.00		-2.00		Pass
VHT20	MCS0	2	36	5180	16.70	16.90	19.81	24.00		-2.00		Pass
VHT20	MCS0	2	44	5220	16.10	16.60	19.37	24.00		-2.00		Pass
VHT20	MCS0	2	48	5240	16.10	16.40	19.26	24.00		-2.00		Pass
VHT40	MCS0	2	38	5190	15.20	15.60	18.41	24.00		-2.00		Pass
VHT40	MCS0	2	46	5230	16.20	16.70	19.47	24.00		-2.00		Pass
VHT80	MCS0	2	42	5210	13.80	14.00	16.91	24.00		-2.00		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.07	0.07	6.15	5.51		11.00	11.00	-2.00	-2.00	Pass
11a	6Mbps	1	44	5220	0.07	0.07	6.38	5.70		11.00	11.00	-2.00	-2.00	Pass
11a	6Mbps	1	48	5240	0.07	0.07	6.40	6.01		11.00	11.00	-2.00	-2.00	Pass
HT20	MCS0	2	36	5180	0.08	0.08			8.77	11.00	1.01			Pass
HT20	MCS0	2	44	5220	0.08	0.08			8.44	11.00	1.01			Pass
HT20	MCS0	2	48	5240	0.08	0.08			8.55	11.00	1.01			Pass
HT40	MCS0	2	38	5190	0.16	0.16			2.13	11.00	1.01			Pass
HT40	MCS0	2	46	5230	0.16	0.16			5.62	11.00	1.01			Pass
VHT80	MCS0	2	42	5210	0.32	0.32			-0.85	11.00	1.01			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.83	16.93	24.98	25.87	23.26	23.29	29.26	29.29	23.98	23.98	
11a	6Mbps	1	60	5300	16.83	16.98	25.27	25.72	23.26	23.30	29.26	29.30	23.98	23.98	
11a	6Mbps	1	64	5320	16.78	16.83	24.53	25.92	23.25	23.26	29.25	29.26	23.98	23.98	
HT20	MCS0	2	52	5260	17.93	17.88	25.72	24.93	23.52		29.52		23.98		
HT20	MCS0	2	60	5300	17.98	17.88	26.37	25.33	23.52		29.52		23.98		
HT20	MCS0	2	64	5320	17.88	17.88	26.27	25.03	23.52		29.52		23.98		
HT40	MCS0	2	54	5270	36.46	36.46	41.99	42.26	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.66	36.56	42.08	42.08	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.24	76.36	83.44	83.12	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	16.90	16.70		23.98	23.98	-2.00	-2.00	26.99	Pass
11a	6Mbps	1	60	5300	16.80	16.70		23.98	23.98	-2.00	-2.00	26.99	Pass
11a	6Mbps	1	64	5320	16.90	16.60		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	1	52	5260	16.80	17.00		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	1	60	5300	16.70	17.00		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	1	64	5320	16.80	16.90		23.98	23.98	-2.00	-2.00	26.99	Pass
HT40	MCS0	1	54	5270	16.80	16.70		23.98	23.98	-2.00	-2.00	26.99	Pass
HT40	MCS0	1	62	5310	11.30	11.30		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT20	MCS0	1	52	5260	16.70	16.90		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT20	MCS0	1	60	5300	16.60	16.90		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT20	MCS0	1	64	5320	16.70	16.80		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT40	MCS0	1	54	5270	16.70	16.60		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT40	MCS0	1	62	5310	11.20	11.20		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT80	MCS0	1	58	5290	12.60	13.00		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	2	52	5260	16.10	16.60	19.37	23.98		-2.00		26.99	Pass
HT20	MCS0	2	60	5300	16.10	16.60	19.37	23.98		-2.00		26.99	Pass
HT20	MCS0	2	64	5320	15.90	16.60	19.27	23.98		-2.00		26.99	Pass
HT40	MCS0	2	54	5270	16.30	16.80	19.57	23.98		-2.00		26.99	Pass
HT40	MCS0	2	62	5310	10.70	11.20	13.97	23.98		-2.00		26.99	Pass
VHT20	MCS0	2	52	5260	16.00	16.50	19.27	23.98		-2.00		26.99	Pass
VHT20	MCS0	2	60	5300	16.00	16.50	19.27	23.98		-2.00		26.99	Pass
VHT20	MCS0	2	64	5320	15.80	16.50	19.17	23.98		-2.00		26.99	Pass
VHT40	MCS0	2	54	5270	16.20	16.70	19.47	23.98		-2.00		26.99	Pass
VHT40	MCS0	2	62	5310	10.60	11.10	13.87	23.98		-2.00		26.99	Pass
VHT80	MCS0	2	58	5290	12.50	13.00	15.77	23.98		-2.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.07	0.07	6.34	6.25		11.00	11.00	-2.00	-2.00	Pass
11a	6Mbps	1	60	5300	0.07	0.07	6.20	6.29		11.00	11.00	-2.00	-2.00	Pass
11a	6Mbps	1	64	5320	0.07	0.07	6.30	6.38		11.00	11.00	-2.00	-2.00	Pass
HT20	MCS0	2	52	5260	0.08	0.08			8.50	11.00	1.01			Pass
HT20	MCS0	2	60	5300	0.08	0.08			8.29	11.00	1.01			Pass
HT20	MCS0	2	64	5320	0.08	0.08			8.39	11.00	1.01			Pass
HT40	MCS0	2	54	5270	0.16	0.16			5.34	11.00	1.01			Pass
HT40	MCS0	2	62	5310	0.16	0.16			0.15	11.00	1.01			Pass
VHT80	MCS0	2	58	5290	0.32	0.32			-2.05	11.00	1.01			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.73	16.83	24.13	25.23	23.24	23.26	29.24	29.26	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.73	16.83	24.23	25.92	23.24	23.26	29.24	29.26	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.73	16.83	24.78	24.68	23.24	23.26	29.24	29.26	23.98	23.98	----	----
HT20	MCS0	2	100	5500	17.88	17.93	25.67	26.02	23.52		29.52		23.98		----	----
HT20	MCS0	2	116	5580	17.93	17.98	26.27	25.43	23.54		29.54		23.98		----	----
HT20	MCS0	2	140	5700	17.98	17.83	25.77	25.62	23.51		29.51		23.98		----	----
HT40	MCS0	2	102	5510	36.56	36.56	41.99	42.35	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.46	36.56	42.17	42.26	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.56	36.56	42.17	42.17	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.84	76.96	84.40	83.76	23.98		30.00		23.98		----	----

TEST RESULTS DATA
Average Power Table

FCC Band III													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	17.00	16.60		23.98	23.98	-2.00	-2.00	26.99	Pass
11a	6Mbps	1	116	5580	17.00	16.80		23.98	23.98	-2.00	-2.00	26.99	Pass
11a	6Mbps	1	140	5700	16.70	16.70		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	1	100	5500	16.60	16.90		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	1	116	5580	16.70	16.70		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	1	140	5700	16.60	16.60		23.98	23.98	-2.00	-2.00	26.99	Pass
HT40	MCS0	1	102	5510	15.20	15.30		23.98	23.98	-2.00	-2.00	26.99	Pass
HT40	MCS0	1	110	5550	16.90	17.00		23.98	23.98	-2.00	-2.00	26.99	Pass
HT40	MCS0	1	134	5670	16.80	16.70		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT20	MCS0	1	100	5500	16.50	16.80		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT20	MCS0	1	116	5580	16.60	16.60		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT20	MCS0	1	140	5700	16.50	16.50		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT40	MCS0	1	102	5510	15.10	15.20		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT40	MCS0	1	110	5550	16.80	16.90		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT40	MCS0	1	134	5670	16.70	16.60		23.98	23.98	-2.00	-2.00	26.99	Pass
VHT80	MCS0	1	106	5530	5.80	5.60		23.98	23.98	-2.00	-2.00	26.99	Pass
HT20	MCS0	2	100	5500	16.50	16.60	19.56	23.98		-2.00		26.99	Pass
HT20	MCS0	2	116	5580	16.50	17.00	19.77	23.98		-2.00		26.99	Pass
HT20	MCS0	2	140	5700	15.90	16.60	19.27	23.98		-2.00		26.99	Pass
HT40	MCS0	2	102	5510	14.90	15.40	18.17	23.98		-2.00		26.99	Pass
HT40	MCS0	2	110	5550	16.30	16.90	19.62	23.98		-2.00		26.99	Pass
HT40	MCS0	2	134	5670	16.20	16.70	19.47	23.98		-2.00		26.99	Pass
VHT20	MCS0	2	100	5500	16.40	16.50	19.46	23.98		-2.00		26.99	Pass
VHT20	MCS0	2	116	5580	16.40	16.90	19.67	23.98		-2.00		26.99	Pass
VHT20	MCS0	2	140	5700	15.80	16.50	19.17	23.98		-2.00		26.99	Pass
VHT40	MCS0	2	102	5510	14.80	15.30	18.07	23.98		-2.00		26.99	Pass
VHT40	MCS0	2	110	5550	16.20	16.80	19.52	23.98		-2.00		26.99	Pass
VHT40	MCS0	2	134	5670	16.10	16.60	19.37	23.98		-2.00		26.99	Pass
VHT80	MCS0	2	106	5530	5.00	5.60	8.32	23.98		-2.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	0.07	0.07	6.49	5.70		11.00	11.00	-2.00	-2.00	Pass
11a	6Mbps	1	116	5580	0.07	0.07	6.44	6.00		11.00	11.00	-2.00	-2.00	Pass
11a	6Mbps	1	140	5700	0.07	0.07	6.02	5.44		11.00	11.00	-2.00	-2.00	Pass
HT20	MCS0	2	100	5500	0.08	0.08			8.92	11.00		1.01		Pass
HT20	MCS0	2	116	5580	0.08	0.08			9.19	11.00		1.01		Pass
HT20	MCS0	2	140	5700	0.08	0.08			8.51	11.00		1.01		Pass
HT40	MCS0	2	102	5510	0.16	0.16			3.73	11.00		1.01		Pass
HT40	MCS0	2	110	5550	0.16	0.16			5.27	11.00		1.01		Pass
HT40	MCS0	2	134	5670	0.16	0.16			5.12	11.00		1.01		Pass
VHT80	MCS0	2	106	5530	0.32	0.32			-9.78	11.00		1.01		Pass



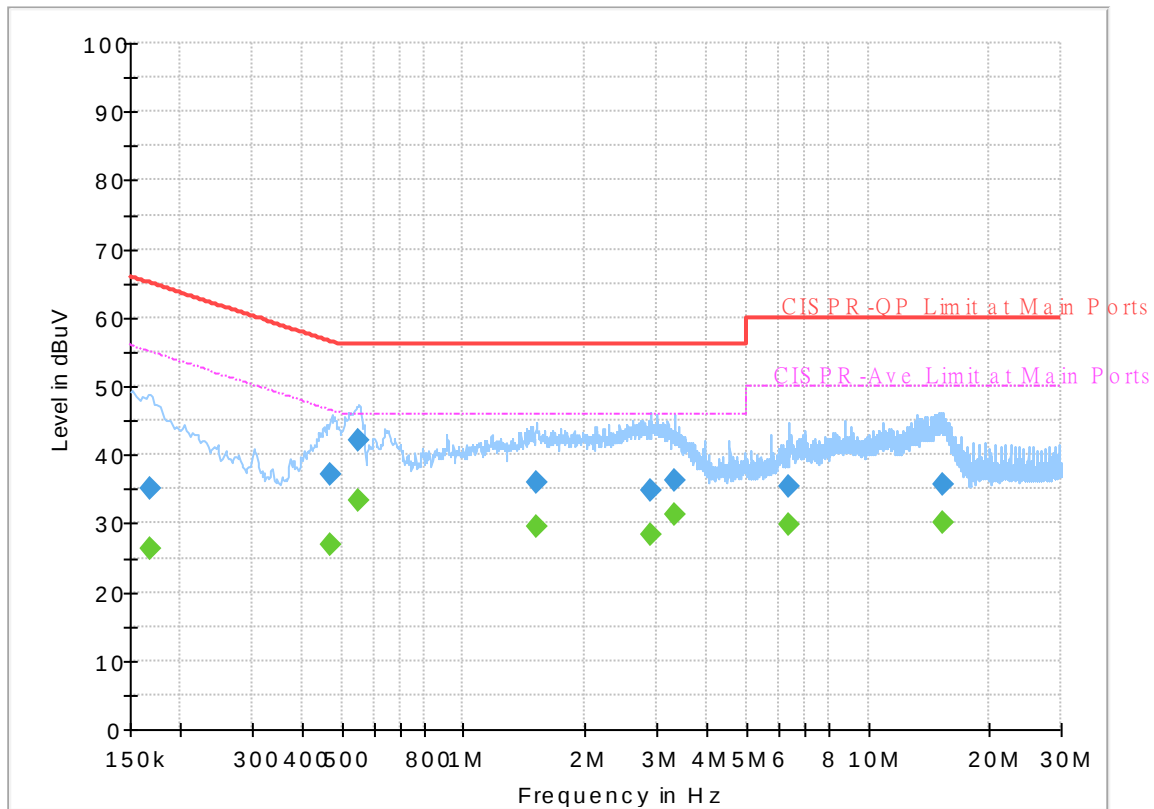
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	Temperature :	24~26℃
		Relative Humidity :	51~53%

EUT Information

Report NO : 912242
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



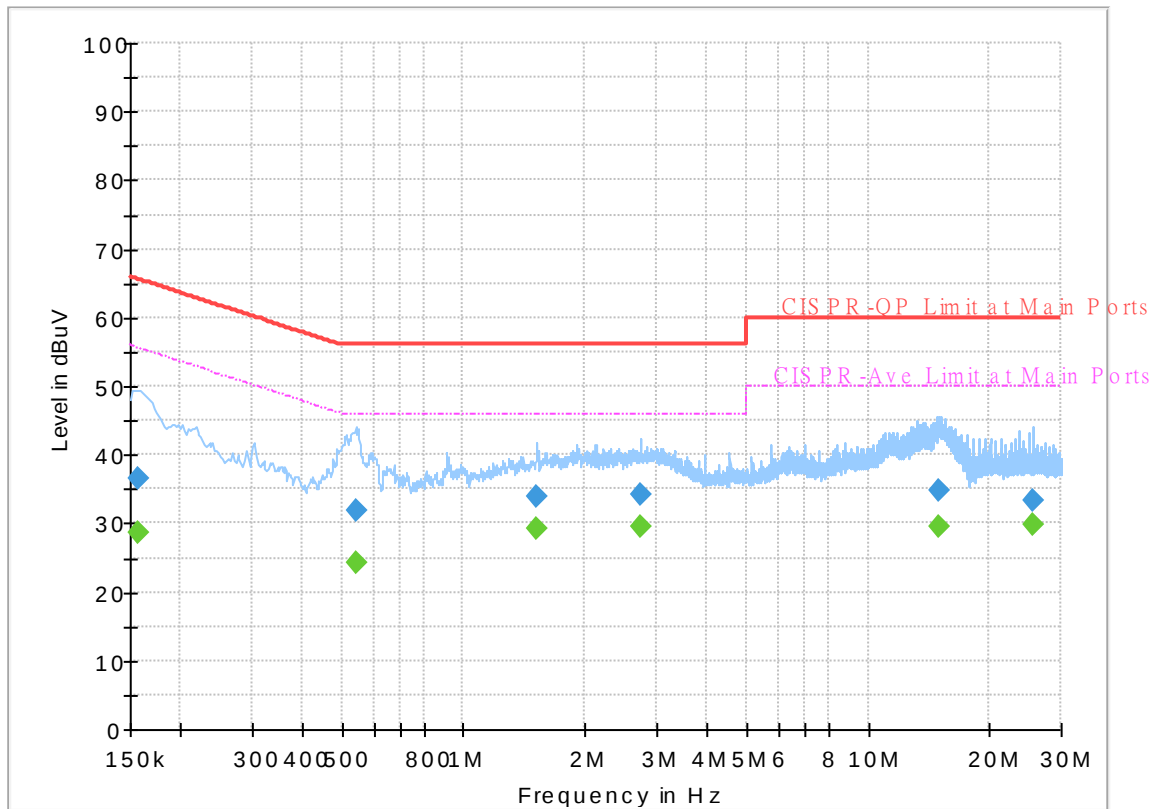
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	26.41	55.06	28.65	L1	OFF	19.5
0.168000	35.00	---	65.06	30.06	L1	OFF	19.5
0.469500	---	27.04	46.52	19.48	L1	OFF	19.5
0.469500	37.11	---	56.52	19.41	L1	OFF	19.5
0.550500	---	33.37	46.00	12.63	L1	OFF	19.5
0.550500	42.18	---	56.00	13.82	L1	OFF	19.5
1.513500	---	29.51	46.00	16.49	L1	OFF	19.6
1.513500	35.88	---	56.00	20.12	L1	OFF	19.6
2.906250	---	28.48	46.00	17.52	L1	OFF	19.6
2.906250	34.82	---	56.00	21.18	L1	OFF	19.6
3.336000	---	31.18	46.00	14.82	L1	OFF	19.7
3.336000	36.35	---	56.00	19.65	L1	OFF	19.7
6.366750	---	29.80	50.00	20.20	L1	OFF	19.8
6.366750	35.39	---	60.00	24.61	L1	OFF	19.8
15.256500	---	30.14	50.00	19.86	L1	OFF	20.1
15.256500	35.67	---	60.00	24.33	L1	OFF	20.1

EUT Information

Report NO : 912242
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	28.58	55.63	27.05	N	OFF	19.5
0.156750	36.52	---	65.63	29.11	N	OFF	19.5
0.541500	---	24.16	46.00	21.84	N	OFF	19.5
0.541500	31.99	---	56.00	24.01	N	OFF	19.5
1.515750	---	29.31	46.00	16.69	N	OFF	19.6
1.515750	34.05	---	56.00	21.95	N	OFF	19.6
2.730750	---	29.43	46.00	16.57	N	OFF	19.6
2.730750	34.32	---	56.00	21.68	N	OFF	19.6
14.970750	---	29.62	50.00	20.38	N	OFF	20.1
14.970750	34.68	---	60.00	25.32	N	OFF	20.1
25.478250	---	29.97	50.00	20.03	N	OFF	20.5
25.478250	33.24	---	60.00	26.76	N	OFF	20.5



Appendix C. Radiated Spurious Emission

Test Engineer :	Watt Tseng, Karl Hou, and BigShow Wang	Temperature :	24~26°C
		Relative Humidity :	47~53%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5147.16	52.51	-21.49	74	42.18	31.8	8.63	30.1	140	294	P	H
		5150	43.32	-10.68	54	32.98	31.8	8.64	30.1	140	294	A	H
	*	5180	110.81	-	-	100.59	31.67	8.65	30.1	140	294	P	H
	*	5180	103.23	-	-	93.01	31.67	8.65	30.1	140	294	A	H
													H
													H
		5130.78	50.28	-23.72	74	39.92	31.83	8.63	30.1	375	227	P	V
		5150	40.52	-13.48	54	30.18	31.8	8.64	30.1	375	227	A	V
	*	5180	105.95	-	-	95.73	31.67	8.65	30.1	375	227	P	V
	*	5180	98.03	-	-	87.81	31.67	8.65	30.1	375	227	A	V
													V
													V
802.11a CH 44 5220MHz		5145.86	50.83	-23.17	74	40.5	31.8	8.63	30.1	141	291	P	H
		5145.6	41.48	-12.52	54	31.15	31.8	8.63	30.1	141	291	A	H
	*	5220	111.48	-	-	101.36	31.53	8.7	30.11	141	291	P	H
	*	5220	103.9	-	-	93.78	31.53	8.7	30.11	141	291	A	H
		5454.96	50.79	-23.21	74	40.11	31.7	9.12	30.14	141	291	P	H
		5453	42.27	-11.73	54	31.59	31.7	9.12	30.14	141	291	A	H
		5094.12	51.36	-22.64	74	40.94	31.9	8.61	30.09	351	227	P	V
		5090.48	39.85	-14.15	54	29.43	31.9	8.61	30.09	351	227	A	V
	*	5220	105.46	-	-	95.34	31.53	8.7	30.11	351	227	P	V
	*	5220	98.03	-	-	87.91	31.53	8.7	30.11	351	227	A	V
		5394.2	50.22	-23.78	74	39.72	31.53	9.1	30.13	351	227	P	V
		5452.72	40.3	-13.7	54	29.62	31.7	9.12	30.14	351	227	A	V



802.11a CH 48 5240MHz		5148.2	50.05	-23.95	74	39.72	31.8	8.63	30.1	146	286	P	H
		5145.6	40.73	-13.27	54	30.4	31.8	8.63	30.1	146	286	A	H
	*	5240	111.73	-	-	101.62	31.47	8.75	30.11	146	286	P	H
	*	5240	103.93	-	-	93.82	31.47	8.75	30.11	146	286	A	H
		5373.48	50.89	-23.11	74	40.5	31.47	9.05	30.13	146	286	P	H
		5452.72	42.08	-11.92	54	31.4	31.7	9.12	30.14	146	286	A	H
		5049.4	50.55	-23.45	74	40.16	31.9	8.58	30.09	383	225	P	V
		5145.86	39.79	-14.21	54	29.46	31.8	8.63	30.1	383	225	A	V
	*	5240	105.76	-	-	95.65	31.47	8.75	30.11	383	225	P	V
	*	5240	98.1	-	-	87.99	31.47	8.75	30.11	383	225	A	V
		5376	49.69	-24.31	74	39.29	31.47	9.06	30.13	383	225	P	V
		5398.96	39.96	-14.04	54	29.38	31.6	9.11	30.13	383	225	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.94	-20.26	68.2	56.59	39.37	13.33	61.35	100	0	P	H
		15540	46.07	-27.93	74	53.91	37.93	16.67	62.44	100	0	P	H
													H
													H
		10360	46.43	-21.77	68.2	55.08	39.37	13.33	61.35	100	0	P	V
		15540	45.91	-28.09	74	53.75	37.93	16.67	62.44	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	45.92	-22.28	68.2	54.5	39.53	13.38	61.49	100	0	P	H
		15660	45.68	-28.32	74	53.6	37.45	16.87	62.24	100	0	P	H
													H
													H
		10440	46.66	-21.54	68.2	55.24	39.53	13.38	61.49	100	0	P	V
		15660	46.66	-27.34	74	54.58	37.45	16.87	62.24	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.51	-21.69	68.2	55.09	39.58	13.4	61.56	100	0	P	H
		15720	46.18	-27.82	74	54.08	37.3	16.95	62.15	100	0	P	H
													H
													H
		10480	46.77	-21.43	68.2	55.35	39.58	13.4	61.56	100	0	P	V
		15720	45.38	-28.62	74	53.28	37.3	16.95	62.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5021.76	50.39	-23.61	74	40.1	31.8	8.57	30.08	140	282	P	H
		5145.52	40.64	-13.36	54	30.31	31.8	8.63	30.1	140	282	A	H
	*	5260	112.38	-	-	102.29	31.4	8.8	30.11	140	282	P	H
	*	5260	103.96	-	-	93.87	31.4	8.8	30.11	140	282	A	H
		5425.92	51	-23	74	40.38	31.63	9.12	30.13	140	282	P	H
		5452.8	42.23	-11.77	54	31.55	31.7	9.12	30.14	140	282	A	H
		5041.48	49.75	-24.25	74	39.35	31.9	8.58	30.08	346	16	P	V
		5090.1	39.78	-14.22	54	29.36	31.9	8.61	30.09	346	16	A	V
	*	5260	105.13	-	-	95.04	31.4	8.8	30.11	346	16	P	V
	*	5260	97.09	-	-	87	31.4	8.8	30.11	346	16	A	V
		5406	50.62	-23.38	74	40.04	31.6	9.11	30.13	346	16	P	V
		5452.8	40.1	-13.9	54	29.42	31.7	9.12	30.14	346	16	A	V
802.11a CH 60 5300MHz		5111.52	49.67	-24.33	74	39.27	31.87	8.62	30.09	143	288	P	H
		5145.86	40.52	-13.48	54	30.19	31.8	8.63	30.1	143	288	A	H
	*	5300	112.12	-	-	101.95	31.4	8.89	30.12	143	288	P	H
	*	5300	104.2	-	-	94.03	31.4	8.89	30.12	143	288	A	H
		5355.6	53.3	-20.7	74	43.01	31.4	9.01	30.12	143	288	P	H
		5350.8	43.87	-10.13	54	33.59	31.4	9	30.12	143	288	A	H
		5060.86	49.93	-24.07	74	39.53	31.9	8.59	30.09	359	22	P	V
		5063.24	39.85	-14.15	54	29.45	31.9	8.59	30.09	359	22	A	V
	*	5300	105.47	-	-	95.3	31.4	8.89	30.12	359	22	P	V
	*	5300	97.4	-	-	87.23	31.4	8.89	30.12	359	22	A	V
		5364.24	50.29	-23.71	74	39.91	31.47	9.03	30.12	359	22	P	V
		5352.24	40.41	-13.59	54	30.13	31.4	9	30.12	359	22	A	V



802.11a CH 64 5320MHz	*	5320	112.7	-	-	102.49	31.4	8.93	30.12	140	284	P	H
	*	5320	104.58	-	-	94.37	31.4	8.93	30.12	140	284	A	H
		5353.12	56.72	-17.28	74	46.44	31.4	9	30.12	140	284	P	H
		5350.24	45.19	-8.81	54	34.91	31.4	9	30.12	140	284	A	H
													H
													H
	*	5320	104.93	-	-	94.72	31.4	8.93	30.12	342	16	P	V
	*	5320	96.45	-	-	86.24	31.4	8.93	30.12	342	16	A	V
		5440.48	50.78	-23.22	74	40.12	31.67	9.12	30.13	342	16	P	V
		5350.08	40.94	-13.06	54	30.66	31.4	9	30.12	342	16	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	45.68	-22.52	68.2	54.26	39.63	13.41	61.62	100	0	P	H
		15780	45.82	-28.18	74	53.54	37.3	17.03	62.05	100	0	P	H
													H
													H
		10520	46.69	-21.51	68.2	55.27	39.63	13.41	61.62	100	0	P	V
		15780	46.01	-27.99	74	53.73	37.3	17.03	62.05	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	47.68	-26.32	74	56.16	39.8	13.4	61.68	100	0	P	H
		15900	45.18	-28.82	74	52.85	37	17.19	61.86	100	0	P	H
													H
													H
		10600	47.22	-26.78	74	55.7	39.8	13.4	61.68	100	0	P	V
		15900	45.51	-28.49	74	53.18	37	17.19	61.86	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.58	-26.42	74	56.09	39.8	13.4	61.71	100	0	P	H
		15960	44.26	-29.74	74	51.92	36.93	17.17	61.76	100	0	P	H
													H
													H
		10640	47.64	-26.36	74	56.15	39.8	13.4	61.71	100	0	P	V
		15960	45.09	-28.91	74	52.75	36.93	17.17	61.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5452.08	54.05	-19.95	74	43.37	31.7	9.12	30.14	174	129	P	H
		5468.24	54.5	-13.7	68.2	43.82	31.7	9.12	30.14	174	129	P	H
		5452.72	44.29	-9.71	54	33.61	31.7	9.12	30.14	174	129	A	H
	*	5500	112.04	-	-	101.35	31.7	9.13	30.14	174	129	P	H
	*	5500	104.33	-	-	93.64	31.7	9.13	30.14	174	129	A	H
													H
		5419.6	50.53	-23.47	74	39.92	31.63	9.11	30.13	385	227	P	V
		5470	50.48	-17.72	68.2	39.8	31.7	9.12	30.14	385	227	P	V
		5459.28	40.35	-13.65	54	29.67	31.7	9.12	30.14	385	227	A	V
	*	5500	105.05	-	-	94.36	31.7	9.13	30.14	385	227	P	V
	*	5500	97.21	-	-	86.52	31.7	9.13	30.14	385	227	A	V
													V
802.11a CH 116 5580MHz		5390.8	51.02	-22.98	74	40.53	31.53	9.09	30.13	167	129	P	H
		5463.52	50.17	-18.03	68.2	39.49	31.7	9.12	30.14	167	129	P	H
		5452.96	42	-12	54	31.32	31.7	9.12	30.14	167	129	A	H
	*	5580	111.79	-	-	101.03	31.8	9.15	30.19	167	129	P	H
	*	5580	105.07	-	-	94.31	31.8	9.15	30.19	167	129	A	H
		5738.225	49.75	-18.45	68.2	38.61	32	9.41	30.27	167	129	P	H
		5440.24	50.4	-23.6	74	39.74	31.67	9.12	30.13	333	267	P	V
		5460.88	50.72	-17.48	68.2	40.04	31.7	9.12	30.14	333	267	P	V
		5452.72	40.06	-13.94	54	29.38	31.7	9.12	30.14	333	267	A	V
	*	5580	103.89	-	-	93.13	31.8	9.15	30.19	333	267	P	V
	*	5580	96.17	-	-	85.41	31.8	9.15	30.19	333	267	A	V
		5760.59	50.42	-17.78	68.2	39.19	32.07	9.45	30.29	333	267	P	V



802.11a CH 140 5700MHz	*	5700	110.39	-	-	99.5	31.8	9.34	30.25	165	132	P	H
	*	5700	102.99	-	-	92.1	31.8	9.34	30.25	165	132	A	H
		5727.8	57.61	-10.59	68.2	46.55	31.93	9.39	30.26	165	132	P	H
													H
													H
													H
	*	5700	103.75	-	-	92.86	31.8	9.34	30.25	388	230	P	V
	*	5700	96.2	-	-	85.31	31.8	9.34	30.25	388	230	A	V
		5726.52	51.13	-17.07	68.2	40.08	31.93	9.38	30.26	388	230	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.81	-26.19	74	55.97	40.4	13.44	62	100	0	P	H
		16500	46.74	-21.46	68.2	50.53	38.6	17.21	59.6	100	0	P	H
													H
													H
		11000	47.67	-26.33	74	55.83	40.4	13.44	62	100	0	P	V
		16500	45.94	-22.26	68.2	49.73	38.6	17.21	59.6	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.22	-26.78	74	55.3	39.93	13.67	61.68	100	0	P	H
		16740	47.58	-20.62	68.2	50.02	39.78	17.48	59.7	100	0	P	H
													H
													H
		11160	47.66	-26.34	74	55.74	39.93	13.67	61.68	100	0	P	V
		16740	48.24	-19.96	68.2	50.68	39.78	17.48	59.7	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.98	-26.02	74	55.21	40	13.97	61.2	100	0	P	H
		17100	48.99	-19.21	68.2	50.51	40.5	17.66	59.68	100	0	P	H
													H
													H
		11400	47.91	-26.09	74	55.14	40	13.97	61.2	100	0	P	V
		17100	49.28	-18.92	68.2	50.8	40.5	17.66	59.68	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a LF		160.95	34.91	-8.59	43.5	49.32	16.4	1.69	32.5	130	9	QP	H
		223.03	41.71	-4.29	46	56.76	15.54	1.91	32.5	121	11	QP	H
		229.82	41.29	-4.71	46	55.7	16.18	1.92	32.51	122	13	QP	H
		253.1	37.54	-8.46	46	49.03	18.97	2.06	32.52	124	11	QP	H
		299.66	37.81	-8.19	46	48.84	19.29	2.22	32.54	-	-	P	H
		386.96	36.62	-9.38	46	45.34	21.38	2.45	32.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		46.49	33.82	-6.18	40	49.37	16.21	0.84	32.6	100	0	P	V
		160.95	34.77	-8.73	43.5	49.17	16.41	1.69	32.5	-	-	P	V
		230.79	32.2	-13.8	46	46.5	16.28	1.93	32.51	-	-	P	V
		386.96	34.79	-11.21	46	43.51	21.38	2.45	32.55	-	-	P	V
		608.12	29.69	-16.31	46	33.46	25.74	3.07	32.58	-	-	P	V
		875.84	32.19	-13.81	46	31.27	29	3.7	31.78	-	-	P	V
													V
												V	
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.16	52.85	-21.15	74	42.52	31.8	8.63	30.1	389	357	P	H
		5150	43.53	-10.47	54	33.19	31.8	8.64	30.1	389	357	A	H
	*	5180	109.76	-	-	99.54	31.67	8.65	30.1	389	357	P	H
	*	5180	101.91	-	-	91.69	31.67	8.65	30.1	389	357	A	H
													H
													H
		5085.8	50.42	-23.58	74	40.01	31.9	8.6	30.09	349	272	P	V
		5149.5	40.42	-13.58	54	30.09	31.8	8.63	30.1	349	272	A	V
	*	5180	102.64	-	-	92.42	31.67	8.65	30.1	349	272	P	V
	*	5180	94.94	-	-	84.72	31.67	8.65	30.1	349	272	A	V
													V
													V
802.11a CH 44 5220MHz		5148.98	51.07	-22.93	74	40.74	31.8	8.63	30.1	383	358	P	H
		5150	40.99	-13.01	54	30.65	31.8	8.64	30.1	383	358	A	H
	*	5220	110.68	-	-	100.56	31.53	8.7	30.11	383	358	P	H
	*	5220	102.95	-	-	92.83	31.53	8.7	30.11	383	358	A	H
		5357.24	51.54	-22.46	74	41.25	31.4	9.01	30.12	383	358	P	H
		5376	40.67	-13.33	54	30.27	31.47	9.06	30.13	383	358	A	H
		5038.22	49.95	-24.05	74	39.55	31.9	8.58	30.08	350	229	P	V
		5090.22	39.85	-14.15	54	29.43	31.9	8.61	30.09	350	229	A	V
	*	5220	104.23	-	-	94.11	31.53	8.7	30.11	350	229	P	V
	*	5220	96.19	-	-	86.07	31.53	8.7	30.11	350	229	A	V
		5423.6	50.15	-23.85	74	39.54	31.63	9.11	30.13	350	229	P	V
		5456.08	40.15	-13.85	54	29.47	31.7	9.12	30.14	350	229	A	V



802.11a CH 48 5240MHz		5079.56	50.03	-23.97	74	39.62	31.9	8.6	30.09	400	359	P	H
		5147.68	40.19	-13.81	54	29.86	31.8	8.63	30.1	400	359	A	H
	*	5240	111.14	-	-	101.03	31.47	8.75	30.11	400	359	P	H
	*	5240	103.52	-	-	93.41	31.47	8.75	30.11	400	359	A	H
		5387.2	50.46	-23.54	74	39.98	31.53	9.08	30.13	400	359	P	H
		5376	40.8	-13.2	54	30.4	31.47	9.06	30.13	400	359	A	H
		5142.48	50.1	-23.9	74	39.77	31.8	8.63	30.1	390	223	P	V
		5091.26	39.8	-14.2	54	29.38	31.9	8.61	30.09	390	223	A	V
	*	5240	105.22	-	-	95.11	31.47	8.75	30.11	390	223	P	V
	*	5240	97.49	-	-	87.38	31.47	8.75	30.11	390	223	A	V
		5354.16	49.81	-24.19	74	39.52	31.4	9.01	30.12	390	223	P	V
		5459.72	40.07	-13.93	54	29.39	31.7	9.12	30.14	390	223	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.05	-22.15	68.2	54.7	39.37	13.33	61.35	100	0	P	H
		15540	45.48	-28.52	74	53.32	37.93	16.67	62.44	100	0	P	H
													H
													H
		10360	46.56	-21.64	68.2	55.21	39.37	13.33	61.35	100	0	P	V
		15540	44.94	-29.06	74	52.78	37.93	16.67	62.44	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.85	-21.35	68.2	55.43	39.53	13.38	61.49	100	0	P	H
		15660	45.61	-28.39	74	53.53	37.45	16.87	62.24	100	0	P	H
													H
													H
		10440	47.31	-20.89	68.2	55.89	39.53	13.38	61.49	100	0	P	V
		15660	45.06	-28.94	74	52.98	37.45	16.87	62.24	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.11	-21.09	68.2	55.69	39.58	13.4	61.56	100	0	P	H
		15720	45.83	-28.17	74	53.73	37.3	16.95	62.15	100	0	P	H
													H
													H
		10480	46.23	-21.97	68.2	54.81	39.58	13.4	61.56	100	0	P	V
		15720	45.07	-28.93	74	52.97	37.3	16.95	62.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5074.8	50.31	-23.69	74	39.9	31.9	8.6	30.09	281	326	P	H
		5099.28	39.82	-14.18	54	29.4	31.9	8.61	30.09	281	326	A	H
	*	5260	111.44	-	-	101.35	31.4	8.8	30.11	281	326	P	H
	*	5260	103.73	-	-	93.64	31.4	8.8	30.11	281	326	A	H
		5358.48	50.75	-23.25	74	40.45	31.4	9.02	30.12	281	326	P	H
		5350.08	41.56	-12.44	54	31.28	31.4	9	30.12	281	326	A	H
		5140.42	49.8	-24.2	74	39.47	31.8	8.63	30.1	347	218	P	V
		5048.96	39.82	-14.18	54	29.43	31.9	8.58	30.09	347	218	A	V
	*	5260	105.55	-	-	95.46	31.4	8.8	30.11	347	218	P	V
	*	5260	97.54	-	-	87.45	31.4	8.8	30.11	347	218	A	V
		5411.28	51.01	-22.99	74	40.43	31.6	9.11	30.13	347	218	P	V
		5414.88	40.06	-13.94	54	29.45	31.63	9.11	30.13	347	218	A	V
802.11a CH 60 5300MHz		5104.04	50.08	-23.92	74	39.66	31.9	8.61	30.09	396	0	P	H
		5145.86	39.86	-14.14	54	29.53	31.8	8.63	30.1	396	0	A	H
	*	5300	111.43	-	-	101.26	31.4	8.89	30.12	396	0	P	H
	*	5300	103.81	-	-	93.64	31.4	8.89	30.12	396	0	A	H
		5351.52	53.13	-20.87	74	42.85	31.4	9	30.12	396	0	P	H
		5350.08	43.6	-10.4	54	33.32	31.4	9	30.12	396	0	A	H
		5110.5	49.52	-24.48	74	39.12	31.87	8.62	30.09	373	272	P	V
		5082.28	39.77	-14.23	54	29.36	31.9	8.6	30.09	373	272	A	V
	*	5300	104.11	-	-	93.94	31.4	8.89	30.12	373	272	P	V
	*	5300	96.42	-	-	86.25	31.4	8.89	30.12	373	272	A	V
		5414.4	50.19	-23.81	74	39.58	31.63	9.11	30.13	373	272	P	V
		5350.56	40.72	-13.28	54	30.44	31.4	9	30.12	373	272	A	V



802.11a CH 64 5320MHz	*	5320	111.41	-	-	101.2	31.4	8.93	30.12	125	342	P	H
	*	5320	103.7	-	-	93.49	31.4	8.93	30.12	125	342	A	H
		5371.2	55.9	-18.1	74	45.5	31.47	9.05	30.12	125	342	P	H
		5350.08	45.96	-8.04	54	35.68	31.4	9	30.12	125	342	A	H
													H
													H
	*	5320	104.61	-	-	94.4	31.4	8.93	30.12	370	272	P	V
	*	5320	96.43	-	-	86.22	31.4	8.93	30.12	370	272	A	V
		5430.24	51.17	-22.83	74	40.51	31.67	9.12	30.13	370	272	P	V
		5364	40.91	-13.09	54	30.53	31.47	9.03	30.12	370	272	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	46.04	-22.16	68.2	54.62	39.63	13.41	61.62	100	0	P	H
		15780	47.25	-26.75	74	54.97	37.3	17.03	62.05	100	0	P	H
													H
													H
		10520	46.88	-21.32	68.2	55.46	39.63	13.41	61.62	100	0	P	V
		15780	45.82	-28.18	74	53.54	37.3	17.03	62.05	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	48.11	-25.89	74	56.59	39.8	13.4	61.68	100	0	P	H
		15900	46.19	-27.81	74	53.86	37	17.19	61.86	100	0	P	H
													H
													H
		10600	47.63	-26.37	74	56.11	39.8	13.4	61.68	100	0	P	V
		15900	46.15	-27.85	74	53.82	37	17.19	61.86	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	47.88	-26.12	74	56.39	39.8	13.4	61.71	100	0	P	H
		15960	46.28	-27.72	74	53.94	36.93	17.17	61.76	100	0	P	H
													H
													H
		10640	47.44	-26.56	74	55.95	39.8	13.4	61.71	100	0	P	V
		15960	45.4	-28.6	74	53.06	36.93	17.17	61.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5450.32	53.69	-20.31	74	43.01	31.7	9.12	30.14	136	339	P	H
		5463.76	52.9	-15.3	68.2	42.22	31.7	9.12	30.14	136	339	P	H
		5460	43.42	-10.58	54	32.74	31.7	9.12	30.14	136	339	A	H
	*	5500	111.76	-	-	101.07	31.7	9.13	30.14	136	339	P	H
	*	5500	104.03	-	-	93.34	31.7	9.13	30.14	136	339	A	H
													H
		5458.64	51.15	-22.85	74	40.47	31.7	9.12	30.14	353	223	P	V
		5467.6	51.36	-16.84	68.2	40.68	31.7	9.12	30.14	353	223	P	V
		5460	40.76	-13.24	54	30.08	31.7	9.12	30.14	353	223	A	V
	*	5500	105.62	-	-	94.93	31.7	9.13	30.14	353	223	P	V
	*	5500	97.95	-	-	87.26	31.7	9.13	30.14	353	223	A	V
													V
802.11a CH 116 5580MHz		5443.6	51.28	-22.72	74	40.62	31.67	9.12	30.13	100	328	P	H
		5460.88	51.26	-16.94	68.2	40.58	31.7	9.12	30.14	100	328	P	H
		5457.04	41.06	-12.94	54	30.38	31.7	9.12	30.14	100	328	A	H
	*	5580	111.94	-	-	101.18	31.8	9.15	30.19	100	328	P	H
	*	5580	103.66	-	-	92.9	31.8	9.15	30.19	100	328	A	H
		5735.705	51.27	-16.93	68.2	40.14	32	9.4	30.27	100	328	P	H
		5353.12	49.95	-24.05	74	39.67	31.4	9	30.12	382	227	P	V
		5462.8	49.68	-18.52	68.2	39	31.7	9.12	30.14	382	227	P	V
		5458	40.1	-13.9	54	29.42	31.7	9.12	30.14	382	227	A	V
	*	5580	106.4	-	-	95.64	31.8	9.15	30.19	382	227	P	V
	*	5580	98.6	-	-	87.84	31.8	9.15	30.19	382	227	A	V
		5745.155	49.62	-18.58	68.2	38.47	32	9.42	30.27	382	227	P	V



802.11a CH 140 5700MHz	*	5700	112.61	-	-	101.72	31.8	9.34	30.25	100	326	P	H
	*	5700	104	-	-	93.11	31.8	9.34	30.25	100	326	A	H
		5729.8	58.08	-10.12	68.2	47.02	31.93	9.39	30.26	100	326	P	H
													H
													H
													H
	*	5700	107.19	-	-	96.3	31.8	9.34	30.25	367	229	P	V
	*	5700	99.43	-	-	88.54	31.8	9.34	30.25	367	229	A	V
		5726.12	52.12	-16.08	68.2	41.07	31.93	9.38	30.26	367	229	P	V
													V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.19	-25.81	74	56.35	40.4	13.44	62	100	0	P	H
		16500	48.41	-19.79	68.2	52.2	38.6	17.21	59.6	100	0	P	H
													H
													H
		11000	47.71	-26.29	74	55.87	40.4	13.44	62	100	0	P	V
		16500	47.47	-20.73	68.2	51.26	38.6	17.21	59.6	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.08	-26.92	74	55.16	39.93	13.67	61.68	100	0	P	H
		16740	48.65	-19.55	68.2	51.09	39.78	17.48	59.7	100	0	P	H
													H
													H
		11160	47.34	-26.66	74	55.42	39.93	13.67	61.68	100	0	P	V
		16740	48.59	-19.61	68.2	51.03	39.78	17.48	59.7	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.03	-26.97	74	54.26	40	13.97	61.2	100	0	P	H
		17100	50.52	-17.68	68.2	52.04	40.5	17.66	59.68	100	0	P	H
													H
													H
		11400	48.29	-25.71	74	55.52	40	13.97	61.2	100	0	P	V
		17100	49.95	-18.25	68.2	51.47	40.5	17.66	59.68	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a LF		160.95	35.13	-8.37	43.5	49.54	16.4	1.69	32.5	100	5	Q	H
		223.03	41.37	-4.63	46	56.42	15.54	1.91	32.5	121	1	Q	H
		230.79	40.93	-5.07	46	55.23	16.28	1.93	32.51	115	6	Q	H
		237.58	37.59	-8.41	46	51.12	17.01	1.97	32.51	120	2	Q	H
		253.1	37.47	-8.53	46	48.96	18.97	2.06	32.52	120	4	Q	H
		386.96	37.17	-8.83	46	45.89	21.38	2.45	32.55	115	7	Q	H
													H
													H
													H
													H
													H
													H
													H
		30	28.43	-11.57	40	35.18	25.2	0.67	32.62	-	-	P	V
		160.95	33.6	-9.9	43.5	48.01	16.4	1.69	32.5	100	0	P	V
		230.79	32.1	-13.9	46	46.4	16.28	1.93	32.51	-	-	P	V
		254.07	33.12	-12.88	46	44.49	19.09	2.06	32.52	-	-	P	V
		386.96	33.97	-12.03	46	42.69	21.38	2.45	32.55	-	-	P	V
		856.44	31.22	-14.78	46	30.29	29.17	3.65	31.89	-	-	P	V
													V
												V	
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Band 1 - 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5135.72	51.64	-22.36	74	41.28	31.83	8.63	30.1	113	337	P	H
		5145.6	42.5	-11.5	54	32.17	31.8	8.63	30.1	113	337	A	H
	*	5180	114.45	-	-	104.23	31.67	8.65	30.1	113	337	P	H
	*	5180	106.22	-	-	96	31.67	8.65	30.1	113	337	A	H
													H
													H
		5132.34	51.43	-22.57	74	41.07	31.83	8.63	30.1	356	233	P	V
		5145.6	40.83	-13.17	54	30.5	31.8	8.63	30.1	356	233	A	V
	*	5180	111.92	-	-	101.7	31.67	8.65	30.1	356	233	P	V
	*	5180	103.23	-	-	93.01	31.67	8.65	30.1	356	233	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5044.46	50.56	-23.44	74	40.17	31.9	8.58	30.09	112	339	P	H
		5145.6	40.96	-13.04	54	30.63	31.8	8.63	30.1	112	339	A	H
	*	5220	114.6	-	-	104.48	31.53	8.7	30.11	112	339	P	H
	*	5220	106.4	-	-	96.28	31.53	8.7	30.11	112	339	A	H
		5453.28	51.47	-22.53	74	40.79	31.7	9.12	30.14	112	339	P	H
		5454.96	41.81	-12.19	54	31.13	31.7	9.12	30.14	112	339	A	H
		5095.42	50.59	-23.41	74	40.17	31.9	8.61	30.09	352	236	P	V
		5090.74	40.06	-13.94	54	29.64	31.9	8.61	30.09	352	236	A	V
	*	5220	110.82	-	-	100.7	31.53	8.7	30.11	352	236	P	V
	*	5220	102.91	-	-	92.79	31.53	8.7	30.11	352	236	A	V
		5379.08	50.1	-23.9	74	39.64	31.53	9.06	30.13	352	236	P	V
		5453	40.61	-13.39	54	29.93	31.7	9.12	30.14	352	236	A	V



802.11n HT20 CH 48 5240MHz		5061.88	51.26	-22.74	74	40.86	31.9	8.59	30.09	118	293	P	H
		5145.6	41.22	-12.78	54	30.89	31.8	8.63	30.1	118	293	A	H
	*	5240	114.55	-	-	104.44	31.47	8.75	30.11	118	293	P	H
	*	5240	106.64	-	-	96.53	31.47	8.75	30.11	118	293	A	H
		5396.72	50.81	-23.19	74	40.24	31.6	9.1	30.13	118	293	P	H
		5452.72	41.55	-12.45	54	30.87	31.7	9.12	30.14	118	293	A	H
		5137.28	49.99	-24.01	74	39.63	31.83	8.63	30.1	349	230	P	V
		5081.9	40.03	-13.97	54	29.62	31.9	8.6	30.09	349	230	A	V
	*	5240	110.9	-	-	100.79	31.47	8.75	30.11	349	230	P	V
	*	5240	102.96	-	-	92.85	31.47	8.75	30.11	349	230	A	V
		5458.88	50.37	-23.63	74	39.69	31.7	9.12	30.14	349	230	P	V
		5452.72	40.3	-13.7	54	29.62	31.7	9.12	30.14	349	230	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	46.4	-21.8	68.2	55.05	39.37	13.33	61.35	100	0	P	H
		15540	46.81	-27.19	74	54.65	37.93	16.67	62.44	100	0	P	H
													H
													H
		10360	46.95	-21.25	68.2	55.6	39.37	13.33	61.35	100	0	P	V
		15540	46.35	-27.65	74	54.19	37.93	16.67	62.44	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	47.17	-21.03	68.2	55.75	39.53	13.38	61.49	100	0	P	H
		15660	45.23	-28.77	74	53.15	37.45	16.87	62.24	100	0	P	H
													H
													H
		10440	47.46	-20.74	68.2	56.04	39.53	13.38	61.49	100	0	P	V
		15660	45.5	-28.5	74	53.42	37.45	16.87	62.24	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	46.89	-21.31	68.2	55.47	39.58	13.4	61.56	100	0	P	H
		15720	46.28	-27.72	74	54.18	37.3	16.95	62.15	100	0	P	H
													H
													H
		10480	46.52	-21.68	68.2	55.1	39.58	13.4	61.56	100	0	P	V
		15720	45.75	-28.25	74	53.65	37.3	16.95	62.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5146.12	58.25	-15.75	74	47.92	31.8	8.63	30.1	260	330	P	H
		5150	50.64	-3.36	54	40.3	31.8	8.64	30.1	260	330	A	H
	*	5190	111.35	-	-	101.13	31.67	8.65	30.1	260	330	P	H
	*	5190	103.49	-	-	93.27	31.67	8.65	30.1	260	330	A	H
		5413.8	55.41	-18.59	74	44.8	31.63	9.11	30.13	260	330	P	H
		5413.8	49.07	-4.93	54	38.46	31.63	9.11	30.13	260	330	A	H
		5149.5	55.27	-18.73	74	44.94	31.8	8.63	30.1	335	227	P	V
		5149.76	47.46	-6.54	54	37.13	31.8	8.63	30.1	335	227	A	V
	*	5190	103.78	-	-	93.56	31.67	8.65	30.1	335	227	P	V
	*	5190	96.87	-	-	86.65	31.67	8.65	30.1	335	227	A	V
		5458.6	50.7	-23.3	74	40.02	31.7	9.12	30.14	335	227	P	V
		5413.52	43.84	-10.16	54	33.23	31.63	9.11	30.13	335	227	A	V
802.11n HT40 CH 46 5230MHz		5147.68	50.9	-23.1	74	40.57	31.8	8.63	30.1	100	127	P	H
		5150	43.12	-10.88	54	32.78	31.8	8.64	30.1	100	127	A	H
	*	5230	111.96	-	-	101.87	31.47	8.73	30.11	100	127	P	H
	*	5230	104.05	-	-	93.96	31.47	8.73	30.11	100	127	A	H
		5452.16	55.22	-18.78	74	44.54	31.7	9.12	30.14	100	127	P	H
		5452.72	48.13	-5.87	54	37.45	31.7	9.12	30.14	100	127	A	H
		5097.24	51.07	-22.93	74	40.65	31.9	8.61	30.09	389	226	P	V
		5147.16	42.19	-11.81	54	31.86	31.8	8.63	30.1	389	226	A	V
	*	5230	108.73	-	-	98.64	31.47	8.73	30.11	389	226	P	V
	*	5230	100.97	-	-	90.88	31.47	8.73	30.11	389	226	A	V
		5453.56	51.96	-22.04	74	41.28	31.7	9.12	30.14	389	226	P	V
		5452.72	44.04	-9.96	54	33.36	31.7	9.12	30.14	389	226	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	46.46	-21.74	68.2	55.07	39.43	13.34	61.38	100	0	P	H
		15570	47.76	-26.24	74	55.65	37.77	16.73	62.39	100	0	P	H
													H
													H
		10380	46.23	-21.97	68.2	54.84	39.43	13.34	61.38	100	0	P	V
		15570	46.26	-27.74	74	54.15	37.77	16.73	62.39	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	45.99	-22.21	68.2	54.58	39.55	13.39	61.53	100	0	P	H
		15690	46.47	-27.53	74	54.4	37.35	16.92	62.2	100	0	P	H
													H
													H
		10460	46.6	-21.6	68.2	55.19	39.55	13.39	61.53	100	0	P	V
		15690	46.02	-27.98	74	53.95	37.35	16.92	62.2	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5146.12	57.82	-16.18	74	47.49	31.8	8.63	30.1	100	125	P	H
		5140.92	49.31	-4.69	54	38.98	31.8	8.63	30.1	100	125	A	H
	*	5210	105.09	-	-	94.99	31.53	8.68	30.11	100	125	P	H
	*	5210	97.42	-	-	87.32	31.53	8.68	30.11	100	125	A	H
		5414.92	52.07	-21.93	74	41.46	31.63	9.11	30.13	100	125	P	H
		5453	43.3	-10.7	54	32.62	31.7	9.12	30.14	100	125	A	H
		5143.52	51.39	-22.61	74	41.06	31.8	8.63	30.1	353	226	P	V
		5150	44.2	-9.8	54	33.86	31.8	8.64	30.1	353	226	A	V
	*	5210	101.49	-	-	91.39	31.53	8.68	30.11	353	226	P	V
	*	5210	93.88	-	-	83.78	31.53	8.68	30.11	353	226	A	V
		5351.08	50.76	-23.24	74	40.48	31.4	9	30.12	353	226	P	V
		5458.6	41.98	-12.02	54	31.3	31.7	9.12	30.14	353	226	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	46.35	-21.85	68.2	54.93	39.52	13.36	61.46	100	0	P	H
		15630	46.02	-27.98	74	53.99	37.5	16.82	62.29	100	0	P	H
													H
													H
		10420	47.03	-21.17	68.2	55.61	39.52	13.36	61.46	100	0	P	V
		15630	46.11	-27.89	74	54.08	37.5	16.82	62.29	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5105.06	50.39	-23.61	74	39.97	31.9	8.61	30.09	126	336	P	H
		5145.52	40.42	-13.58	54	30.09	31.8	8.63	30.1	126	336	A	H
	*	5260	115.02	-	-	104.93	31.4	8.8	30.11	126	336	P	H
	*	5260	106.96	-	-	96.87	31.4	8.8	30.11	126	336	A	H
		5436	51.56	-22.44	74	40.9	31.67	9.12	30.13	126	336	P	H
		5350.32	41.82	-12.18	54	31.54	31.4	9	30.12	126	336	A	H
		5058.48	50.9	-23.1	74	40.5	31.9	8.59	30.09	365	225	P	V
		5145.52	40.16	-13.84	54	29.83	31.8	8.63	30.1	365	225	A	V
	*	5260	111.3	-	-	101.21	31.4	8.8	30.11	365	225	P	V
	*	5260	103.39	-	-	93.3	31.4	8.8	30.11	365	225	A	V
		5387.04	51.5	-22.5	74	41.02	31.53	9.08	30.13	365	225	P	V
		5453.04	40.45	-13.55	54	29.77	31.7	9.12	30.14	365	225	A	V
802.11n HT20 CH 60 5300MHz		5120.02	49.77	-24.23	74	39.38	31.87	8.62	30.1	109	354	P	H
		5145.52	40.28	-13.72	54	29.95	31.8	8.63	30.1	109	354	A	H
	*	5300	115.5	-	-	105.33	31.4	8.89	30.12	109	354	P	H
	*	5300	107.31	-	-	97.14	31.4	8.89	30.12	109	354	A	H
		5361.12	53.97	-20.03	74	43.6	31.47	9.02	30.12	109	354	P	H
		5350.08	44.49	-9.51	54	34.21	31.4	9	30.12	109	354	A	H
		5076.16	49.48	-24.52	74	39.07	31.9	8.6	30.09	355	258	P	V
		5099.62	40.03	-13.97	54	29.61	31.9	8.61	30.09	355	258	A	V
	*	5300	107.39	-	-	97.22	31.4	8.89	30.12	355	258	P	V
	*	5300	99.53	-	-	89.36	31.4	8.89	30.12	355	258	A	V
		5445.84	50.79	-23.21	74	40.1	31.7	9.12	30.13	355	258	P	V
		5350.8	40.85	-13.15	54	30.57	31.4	9	30.12	355	258	A	V



802.11n HT20 CH 64 5320MHz	*	5320	115.43	-	-	105.22	31.4	8.93	30.12	100	353	P	H
	*	5320	107.26	-	-	97.05	31.4	8.93	30.12	100	353	A	H
		5355.36	57.71	-16.29	74	47.42	31.4	9.01	30.12	100	353	P	H
		5350.08	45.16	-8.84	54	34.88	31.4	9	30.12	100	353	A	H
													H
													H
	*	5320	108.87	-	-	98.66	31.4	8.93	30.12	352	260	P	V
	*	5320	100.78	-	-	90.57	31.4	8.93	30.12	352	260	A	V
		5376.16	51.32	-22.68	74	40.92	31.47	9.06	30.13	352	260	P	V
		5354.72	41.24	-12.76	54	30.95	31.4	9.01	30.12	352	260	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	46.21	-21.99	68.2	54.79	39.63	13.41	61.62	100	0	P	H
		15780	46.31	-27.69	74	54.03	37.3	17.03	62.05	100	0	P	H
													H
													H
		10520	45.73	-22.47	68.2	54.31	39.63	13.41	61.62	100	0	P	V
		15780	45.86	-28.14	74	53.58	37.3	17.03	62.05	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	46.88	-27.12	74	55.36	39.8	13.4	61.68	100	0	P	H
		15900	45.93	-28.07	74	53.6	37	17.19	61.86	100	0	P	H
													H
													H
		10600	46.67	-27.33	74	55.15	39.8	13.4	61.68	100	0	P	V
		15900	46.04	-27.96	74	53.71	37	17.19	61.86	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	46.84	-27.16	74	55.35	39.8	13.4	61.71	100	0	P	H
		15960	45.14	-28.86	74	52.8	36.93	17.17	61.76	100	0	P	H
													H
													H
		10640	48.64	-25.36	74	57.15	39.8	13.4	61.71	100	0	P	V
		15960	45.43	-28.57	74	53.09	36.93	17.17	61.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5046.24	50.77	-23.23	74	40.38	31.9	8.58	30.09	242	127	P	H
		5047.6	43.32	-10.68	54	32.93	31.9	8.58	30.09	242	127	A	H
	*	5270	109.54	-	-	99.43	31.4	8.82	30.11	242	127	P	H
	*	5270	101.6	-	-	91.49	31.4	8.82	30.11	242	127	A	H
		5401.68	51.08	-22.92	74	40.5	31.6	9.11	30.13	242	127	P	H
		5355.12	43.16	-10.84	54	32.87	31.4	9.01	30.12	242	127	A	H
		5059.84	52.31	-21.69	74	41.91	31.9	8.59	30.09	397	220	P	V
		5047.94	41.92	-12.08	54	31.53	31.9	8.58	30.09	397	220	A	V
	*	5270	104.83	-	-	94.72	31.4	8.82	30.11	397	220	P	V
	*	5270	96.94	-	-	86.83	31.4	8.82	30.11	397	220	A	V
		5363.28	49.83	-24.17	74	39.45	31.47	9.03	30.12	397	220	P	V
		5433.6	42.02	-11.98	54	31.36	31.67	9.12	30.13	397	220	A	V
802.11n HT40 CH 62 5310MHz		5081.94	50.42	-23.58	74	40.01	31.9	8.6	30.09	100	131	P	H
		5101.66	41.7	-12.3	54	31.28	31.9	8.61	30.09	100	131	A	H
	*	5310	104.25	-	-	94.06	31.4	8.91	30.12	100	131	P	H
	*	5310	96.35	-	-	86.16	31.4	8.91	30.12	100	131	A	H
		5356.32	56.47	-17.53	74	46.18	31.4	9.01	30.12	100	131	P	H
		5350.08	48.13	-5.87	54	37.85	31.4	9	30.12	100	131	A	H
		5130.22	49.42	-24.58	74	39.06	31.83	8.63	30.1	377	225	P	V
		5084.66	41.71	-12.29	54	31.3	31.9	8.6	30.09	377	225	A	V
	*	5310	100.38	-	-	90.19	31.4	8.91	30.12	377	225	P	V
	*	5310	92.71	-	-	82.52	31.4	8.91	30.12	377	225	A	V
		5351.04	53.39	-20.61	74	43.11	31.4	9	30.12	377	225	P	V
		5350.32	44.47	-9.53	54	34.19	31.4	9	30.12	377	225	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	45.54	-22.66	68.2	54.09	39.67	13.41	61.63	100	0	P	H
		15810	46.44	-27.56	74	54.06	37.3	17.08	62	100	0	P	H
													H
													H
		10540	46.35	-21.85	68.2	54.9	39.67	13.41	61.63	100	0	P	V
		15810	45.97	-28.03	74	53.59	37.3	17.08	62	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	47.1	-26.9	74	55.59	39.8	13.41	61.7	100	0	P	H
		15930	46.45	-27.55	74	54.1	36.97	17.19	61.81	100	0	P	H
													H
													H
		10620	47.01	-26.99	74	55.5	39.8	13.41	61.7	100	0	P	V
		15930	46.41	-27.59	74	54.06	36.97	17.19	61.81	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 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		5067.32	51.07	-22.93	74	40.67	31.9	8.59	30.09	150	292	P	H
		5145.52	42.43	-11.57	54	32.1	31.8	8.63	30.1	150	292	A	H
	*	5290	106.2	-	-	96.05	31.4	8.86	30.11	150	292	P	H
	*	5290	98.63	-	-	88.48	31.4	8.86	30.11	150	292	A	H
		5359.92	59.03	-14.97	74	48.73	31.4	9.02	30.12	150	292	P	H
		5356.56	50.62	-3.38	54	40.33	31.4	9.01	30.12	150	292	P	H
		5106.76	50.81	-23.19	74	40.42	31.87	8.61	30.09	360	228	P	V
		5145.52	41.87	-12.13	54	31.54	31.8	8.63	30.1	360	228	A	V
	*	5290	101.35	-	-	91.2	31.4	8.86	30.11	360	228	P	V
	*	5290	93.6	-	-	83.45	31.4	8.86	30.11	360	228	A	V
		5354.16	54.31	-19.69	74	44.02	31.4	9.01	30.12	360	228	P	V
		5355.84	46.33	-7.67	54	36.04	31.4	9.01	30.12	360	228	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)
802.11ac VHT80 CH 58 5290MHz		10580	46.74	-21.46	68.2	55.22	39.77	13.41	61.66	100	0	P	H
		15870	45.74	-28.26	74	53.43	37.06	17.16	61.91	100	0	P	H
													H
													H
		10580	46.6	-21.6	68.2	55.08	39.77	13.41	61.66	100	0	P	V
		15870	45.46	-28.54	74	53.15	37.06	17.16	61.91	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5456.4	54.26	-19.74	74	43.58	31.7	9.12	30.14	100	131	P	H
		5468.24	54.56	-13.64	68.2	43.88	31.7	9.12	30.14	100	131	P	H
		5460	44.69	-9.31	54	34.01	31.7	9.12	30.14	100	131	A	H
	*	5500	116.37	-	-	105.68	31.7	9.13	30.14	100	131	P	H
	*	5500	108.3	-	-	97.61	31.7	9.13	30.14	100	131	A	H
													H
		5453.84	51.04	-22.96	74	40.36	31.7	9.12	30.14	354	216	P	V
		5469.36	50.25	-17.95	68.2	39.57	31.7	9.12	30.14	354	216	P	V
		5458.32	41.23	-12.77	54	30.55	31.7	9.12	30.14	354	216	A	V
	*	5500	108.26	-	-	97.57	31.7	9.13	30.14	354	216	P	V
	*	5500	99.93	-	-	89.24	31.7	9.13	30.14	354	216	A	V
													V
802.11n HT20 CH 116 5580MHz		5428.72	51.15	-22.85	74	40.49	31.67	9.12	30.13	100	133	P	H
		5469.04	50.3	-17.9	68.2	39.62	31.7	9.12	30.14	100	133	P	H
		5452.96	41.65	-12.35	54	30.97	31.7	9.12	30.14	100	133	A	H
	*	5580	116.4	-	-	105.64	31.8	9.15	30.19	100	133	P	H
	*	5580	108.07	-	-	97.31	31.8	9.15	30.19	100	133	A	H
		5747.36	50.66	-17.54	68.2	39.51	32	9.42	30.27	100	133	P	H
		5423.68	50.45	-23.55	74	39.84	31.63	9.11	30.13	400	229	P	V
		5469.28	50.53	-17.67	68.2	39.85	31.7	9.12	30.14	400	229	P	V
		5459.92	40.03	-13.97	54	29.35	31.7	9.12	30.14	400	229	A	V
	*	5580	109.24	-	-	98.48	31.8	9.15	30.19	400	229	P	V
	*	5580	101.06	-	-	90.3	31.8	9.15	30.19	400	229	A	V
		5740.115	50.14	-18.06	68.2	39	32	9.41	30.27	400	229	P	V



802.11n HT20 CH 140 5700MHz	*	5700	115.68	-	-	104.79	31.8	9.34	30.25	131	130	P	H
	*	5700	107.43	-	-	96.54	31.8	9.34	30.25	131	130	A	H
		5725.4	62.33	-5.87	68.2	51.28	31.93	9.38	30.26	131	130	P	H
													H
													H
													H
	*	5700	111.03	-	-	100.14	31.8	9.34	30.25	389	221	P	V
	*	5700	102.76	-	-	91.87	31.8	9.34	30.25	389	221	A	V
		5725	54.09	-14.11	68.2	43.04	31.93	9.38	30.26	389	221	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	47.96	-26.04	74	56.12	40.4	13.44	62	100	0	P	H
		16500	46.67	-21.53	68.2	50.46	38.6	17.21	59.6	100	0	P	H
													H
													H
		11000	48.72	-25.28	74	56.88	40.4	13.44	62	100	0	P	V
		16500	47.14	-21.06	68.2	50.93	38.6	17.21	59.6	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	47.4	-26.6	74	55.48	39.93	13.67	61.68	100	0	P	H
		16740	47.87	-20.33	68.2	50.31	39.78	17.48	59.7	100	0	P	H
													H
													H
		11160	47.91	-26.09	74	55.99	39.93	13.67	61.68	100	0	P	V
		16740	48.16	-20.04	68.2	50.6	39.78	17.48	59.7	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	47.74	-26.26	74	54.97	40	13.97	61.2	100	0	P	H
		17100	49.11	-19.09	68.2	50.63	40.5	17.66	59.68	100	0	P	H
													H
													H
		11400	47.58	-26.42	74	54.81	40	13.97	61.2	100	0	P	V
		17100	49.65	-18.55	68.2	51.17	40.5	17.66	59.68	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5457.76	59.59	-14.41	74	48.91	31.7	9.12	30.14	102	131	P	H
		5467.12	64.78	-3.42	68.2	54.1	31.7	9.12	30.14	102	131	P	H
		5459.92	49.91	-4.09	54	39.23	31.7	9.12	30.14	102	131	A	H
	*	5510	108.91	-	-	98.23	31.7	9.13	30.15	102	131	P	H
	*	5510	101.09	-	-	90.41	31.7	9.13	30.15	102	131	A	H
		5732.87	52.43	-15.77	68.2	41.37	31.93	9.4	30.27	102	131	P	H
		5459.92	52.82	-21.18	74	42.14	31.7	9.12	30.14	395	220	P	V
		5467.6	58.67	-9.53	68.2	47.99	31.7	9.12	30.14	395	220	P	V
		5459.68	45.93	-8.07	54	35.25	31.7	9.12	30.14	395	220	A	V
	*	5510	103.33	-	-	92.65	31.7	9.13	30.15	395	220	P	V
	*	5510	95.56	-	-	84.88	31.7	9.13	30.15	395	220	A	V
		5757.44	51.33	-16.87	68.2	40.11	32.07	9.44	30.29	395	220	P	V
802.11n HT40 CH 110 5550MHz		5449.84	51.59	-22.41	74	40.91	31.7	9.12	30.14	100	131	P	H
		5466.88	50.94	-17.26	68.2	40.26	31.7	9.12	30.14	100	131	P	H
		5452.72	43.22	-10.78	54	32.54	31.7	9.12	30.14	100	131	A	H
	*	5550	110.83	-	-	100.06	31.8	9.14	30.17	100	131	P	H
	*	5550	102.89	-	-	92.12	31.8	9.14	30.17	100	131	A	H
		5764.37	51.07	-17.13	68.2	39.84	32.07	9.45	30.29	100	131	P	H
		5459.68	49.79	-24.21	74	39.11	31.7	9.12	30.14	348	219	P	V
		5467.36	49.48	-18.72	68.2	38.8	31.7	9.12	30.14	348	219	P	V
		5437.12	41.97	-12.03	54	31.31	31.67	9.12	30.13	348	219	A	V
	*	5550	104.39	-	-	93.62	31.8	9.14	30.17	348	219	P	V
	*	5550	96.65	-	-	85.88	31.8	9.14	30.17	348	219	A	V
		5751.14	49.53	-18.67	68.2	38.37	32	9.43	30.27	348	219	P	V



802.11n HT40 CH 134 5670MHz		5445.55	52.87	-21.13	74	42.18	31.7	9.12	30.13	116	131	P	H
		5466.55	49.8	-18.4	68.2	39.12	31.7	9.12	30.14	116	131	P	H
		5446.25	46.77	-7.23	54	36.08	31.7	9.12	30.13	116	131	A	H
	*	5670	112.14	-	-	101.34	31.75	9.28	30.23	116	131	P	H
	*	5670	104.22	-	-	93.42	31.75	9.28	30.23	116	131	A	H
		5725.8	60.51	-7.69	68.2	49.46	31.93	9.38	30.26	116	131	P	H
		5406	50.44	-23.56	74	39.86	31.6	9.11	30.13	400	256	P	V
		5469	49.65	-18.55	68.2	38.97	31.7	9.12	30.14	400	256	P	V
		5446.95	42.79	-11.21	54	32.1	31.7	9.12	30.13	400	256	A	V
	*	5670	105.14	-	-	94.34	31.75	9.28	30.23	400	256	P	V
	*	5670	97.18	-	-	86.38	31.75	9.28	30.23	400	256	A	V
		5749.775	50.87	-17.33	68.2	39.71	32	9.43	30.27	400	256	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	47.89	-26.11	74	56.05	40.33	13.47	61.96	100	0	P	H
		16530	46.78	-21.42	68.2	50.45	38.7	17.24	59.61	100	0	P	H
													H
													H
		11020	47.33	-26.67	74	55.49	40.33	13.47	61.96	100	0	P	V
		16530	47.5	-20.7	68.2	51.17	38.7	17.24	59.61	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	47.55	-26.45	74	55.82	40	13.53	61.8	100	0	P	H
		16650	48.06	-20.14	68.2	51.11	39.2	17.41	59.66	100	0	P	H
													H
													H
		11100	47.39	-26.61	74	55.66	40	13.53	61.8	100	0	P	V
		16650	48.09	-20.11	68.2	51.14	39.2	17.41	59.66	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	47.47	-26.53	74	54.92	39.87	14	61.32	100	0	P	H
		17010	49.1	-19.1	68.2	50.85	40.5	17.54	59.79	100	0	P	H
													H
													H
		11340	47.84	-26.16	74	55.29	39.87	14	61.32	100	0	P	V
		17010	49.71	-18.49	68.2	51.46	40.5	17.54	59.79	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5449.12	56.22	-17.78	74	45.53	31.7	9.12	30.13	122	333	P	H
		5467.6	58.67	-9.53	68.2	47.99	31.7	9.12	30.14	122	333	P	H
		5449.12	48.66	-5.34	54	37.97	31.7	9.12	30.13	122	333	A	H
	*	5530	99.72	-	-	89.02	31.73	9.14	30.17	122	333	P	H
	*	5530	91.92	-	-	81.22	31.73	9.14	30.17	122	333	A	H
		5732.24	51	-17.2	68.2	39.95	31.93	9.39	30.27	122	333	P	H
		5452.96	51.62	-22.38	74	40.94	31.7	9.12	30.14	400	51	P	V
		5468.08	50.55	-17.65	68.2	39.87	31.7	9.12	30.14	400	51	P	V
		5452	43.3	-10.7	54	32.62	31.7	9.12	30.14	400	51	A	V
	*	5530	91.76	-	-	81.06	31.73	9.14	30.17	400	51	P	V
	*	5530	84.28	-	-	73.58	31.73	9.14	30.17	400	51	A	V
		5748.935	50.28	-17.92	68.2	39.12	32	9.43	30.27	400	51	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	47.49	-26.51	74	55.74	40.13	13.5	61.88	100	0	P	H
		16590	47.06	-21.14	68.2	50.53	38.85	17.32	59.64	100	0	P	H
													H
													H
		11060	47.26	-26.74	74	55.51	40.13	13.5	61.88	100	0	P	V
		16590	47.14	-21.06	68.2	50.61	38.85	17.32	59.64	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		160.95	34.73	-8.77	43.5	49.14	16.4	1.52	32.5	148	5	QP	H
		223.03	41.06	-4.94	46	56.11	15.54	1.79	32.5	142	5	QP	H
		230.79	40.46	-5.54	46	54.76	16.28	1.82	32.51	143	6	QP	H
		254.07	39.61	-6.39	46	50.98	19.09	1.9	32.52	150	7	QP	H
		386.96	38.23	-7.77	46	46.95	21.38	2.37	32.55	144	6	QP	H
		896.21	38.37	-7.63	46	37.5	28.82	3.51	31.67	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		47.46	33.81	-6.19	40	49.88	15.67	0.82	32.59	100	0	P	V
		160.95	33.25	-10.25	43.5	47.65	16.41	1.52	32.5	-	-	P	V
		223.03	33.52	-12.48	46	48.57	15.54	1.79	32.5	-	-	P	V
		254.07	32.97	-13.03	46	44.34	19.09	1.9	32.52	-	-	P	V
		386.96	33.96	-12.04	46	42.68	21.38	2.37	32.55	-	-	P	V
		695.42	31.27	-14.73	46	33.83	26.61	3.12	32.41	-	-	P	V
													V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
 = 55.45 (dBμV/m)
2. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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



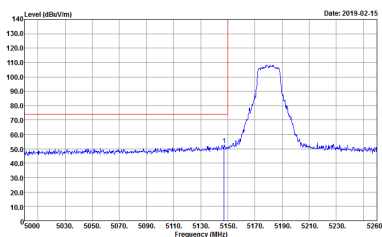
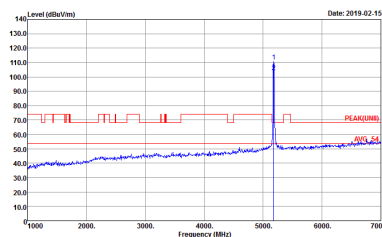
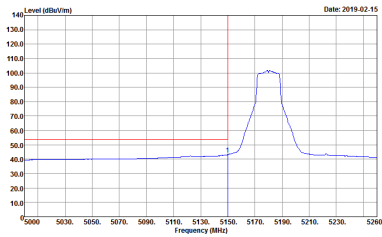
Appendix D. Radiated Spurious Emission Plots

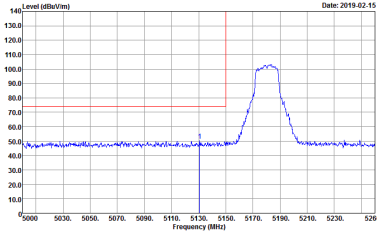
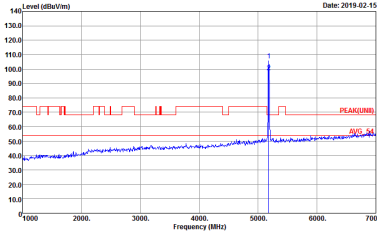
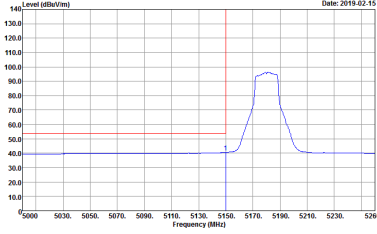
Test Engineer :	Watt Tseng, Karl Hou, and BigShow Wang	Temperature :	24~26°C
		Relative Humidity :	47~53%

Note symbol

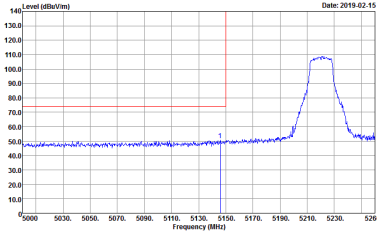
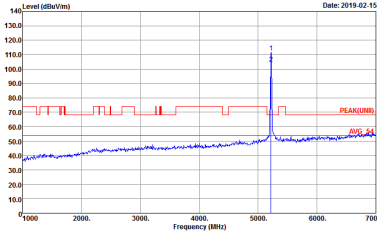
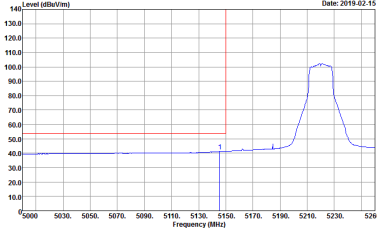
-L	Low channel location
-R	High channel location

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

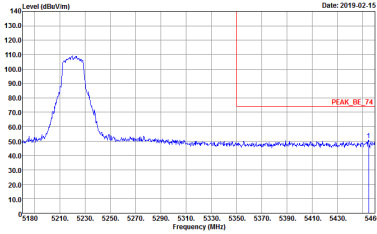
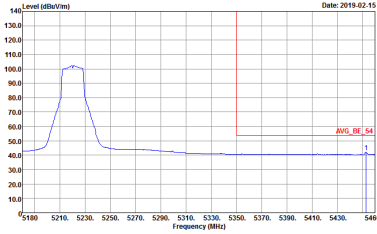
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 1	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 1
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 1	Left blank

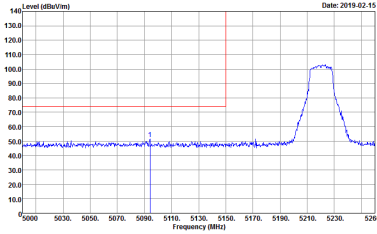
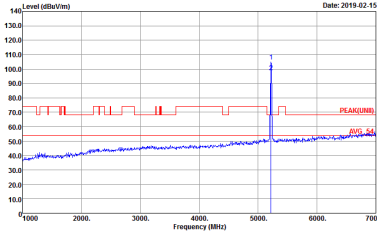
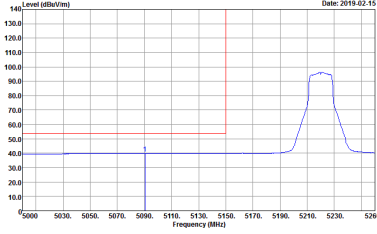
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 1	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 1
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 1	Left blank

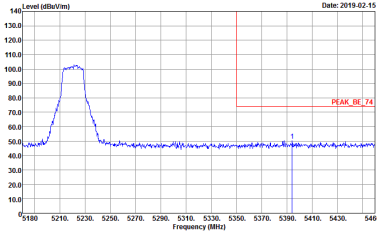
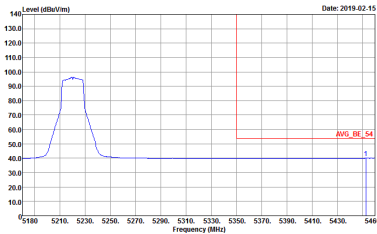


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	Left blank

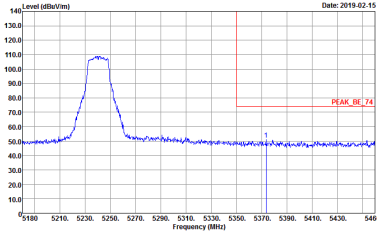
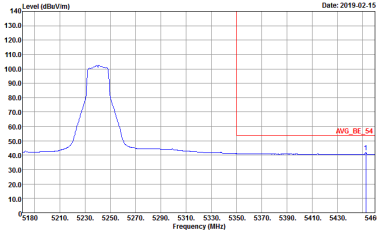
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 2	Left blank

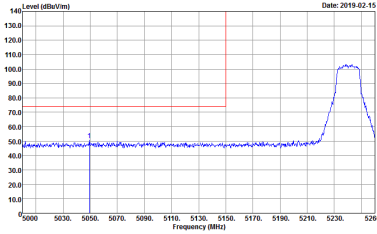
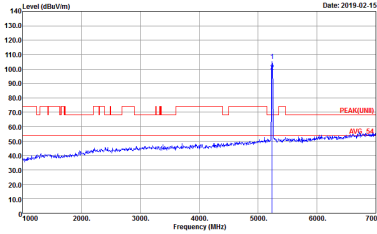
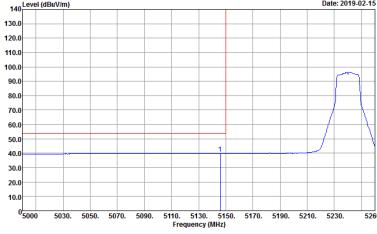


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3	Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3	Left blank

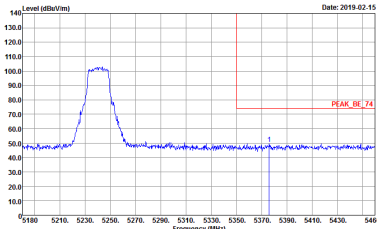
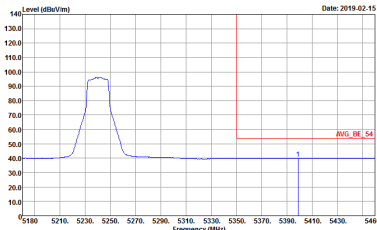


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 3	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 3	Left blank



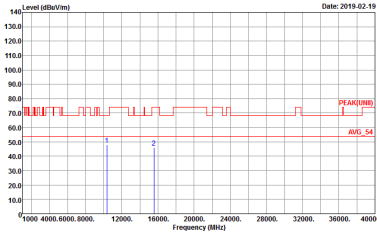
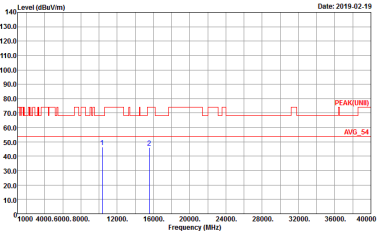
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3	Left blank



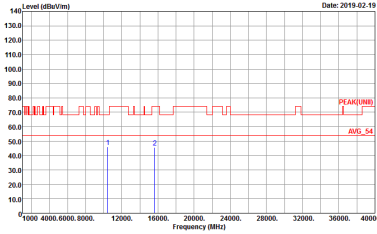
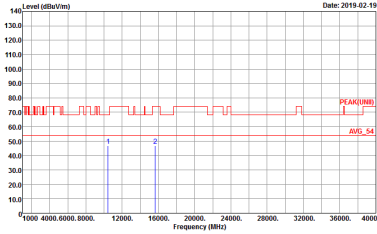
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 3	Left blank



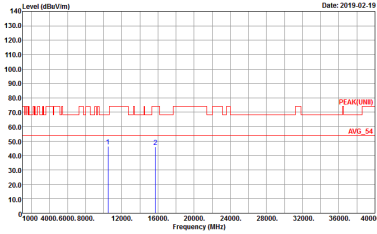
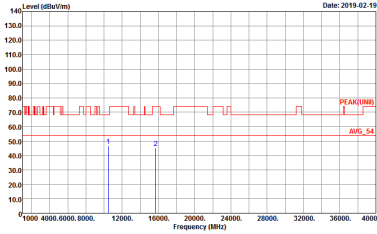
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 1	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 1

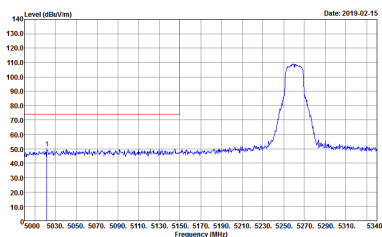
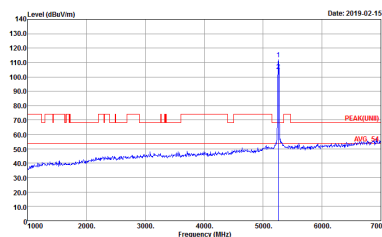
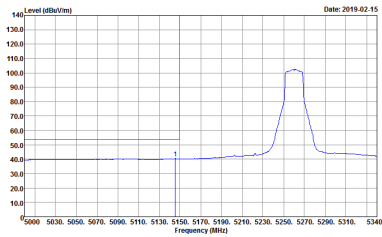


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 2	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 2

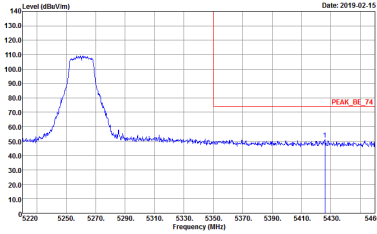
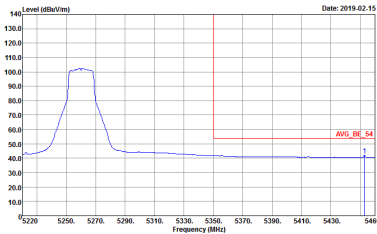


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 3	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 3

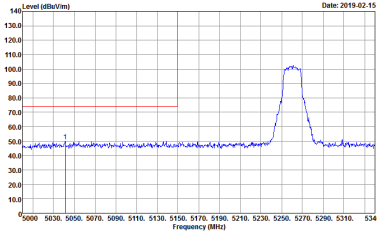
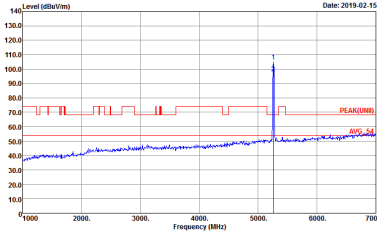
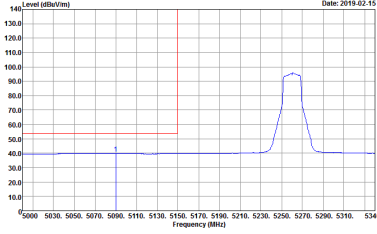
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

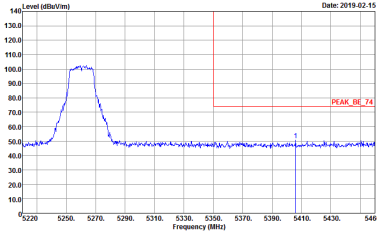
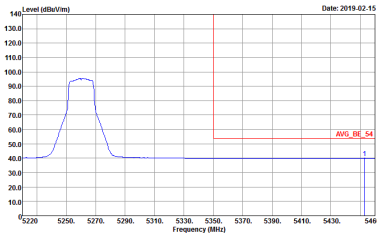
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 4	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 4
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 4	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 4	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 4	Left blank



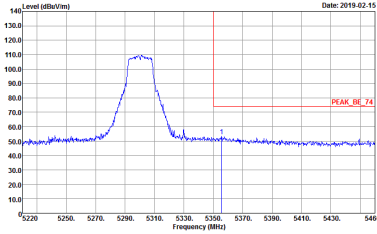
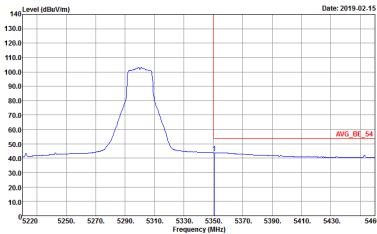
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 4	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 4
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 4	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 4	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 4	Left blank

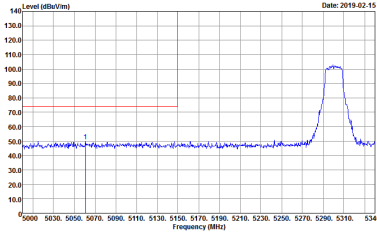
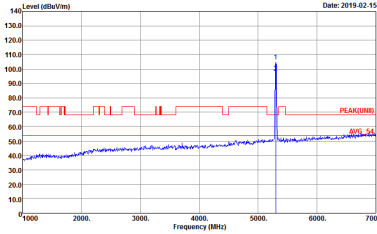
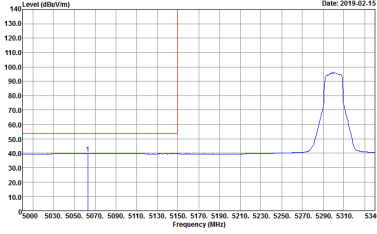


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Left blank

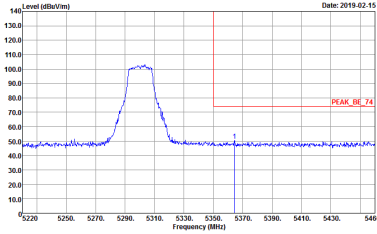
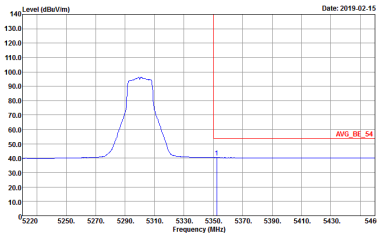


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Left blank

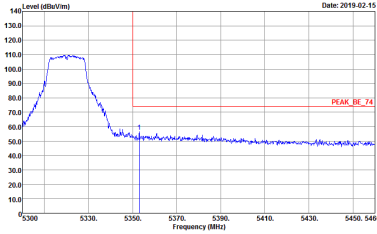
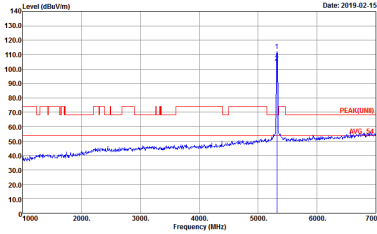
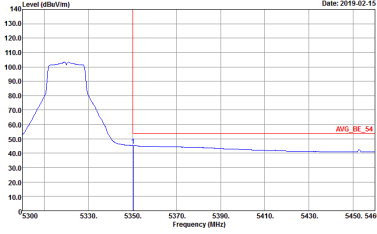


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Left blank

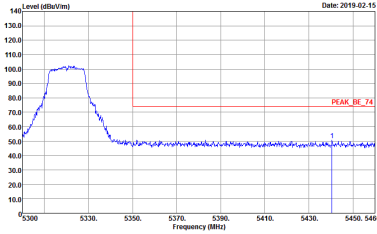
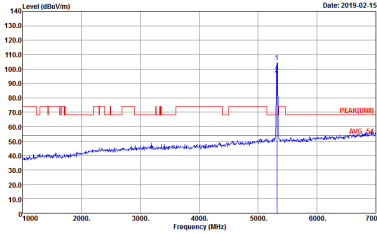
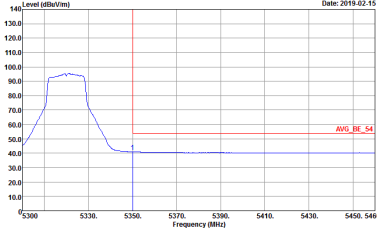


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 5	Left blank



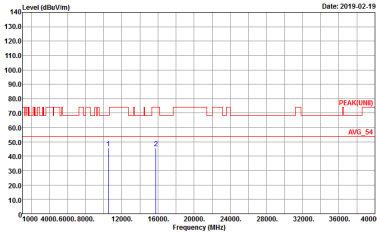
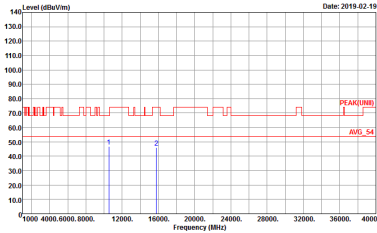
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 6	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 6
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 6	Left blank



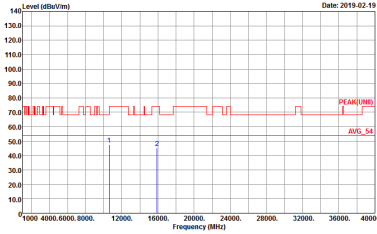
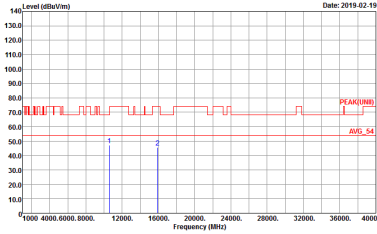
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CHI5-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 6	 Site : 03CHI5-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 6
Avg.	 Site : 03CHI5-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 6	Left blank



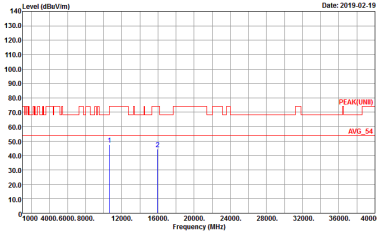
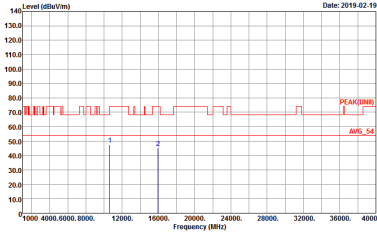
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 4	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 4

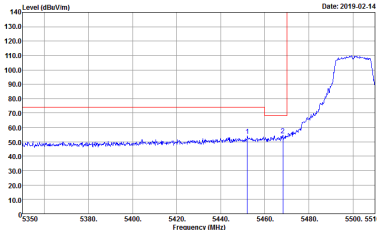
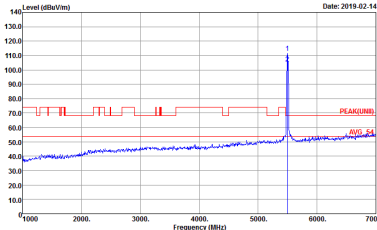
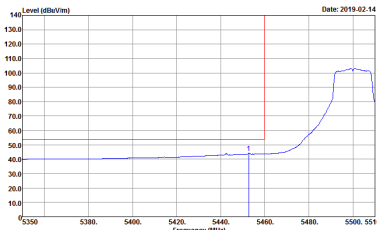


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : S	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : S

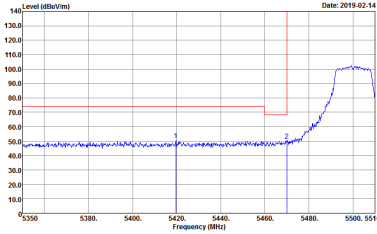
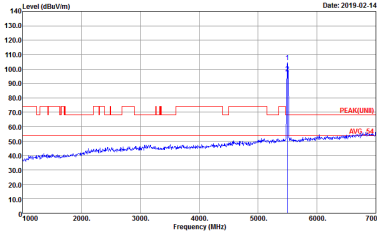
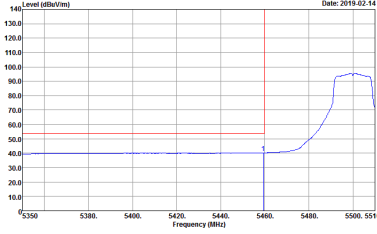


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : G	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : G

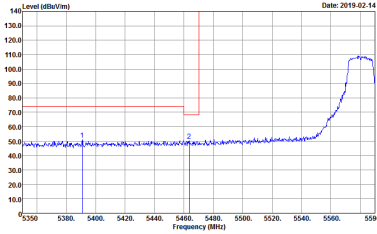
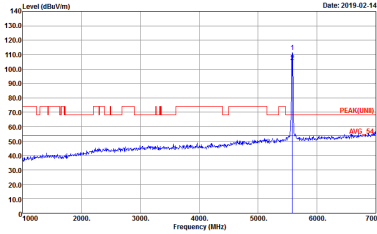
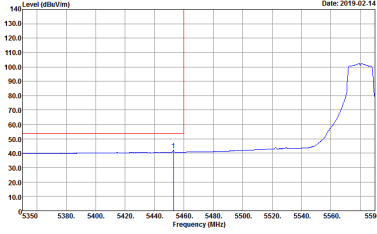
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 7	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 7
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 7	Left blank

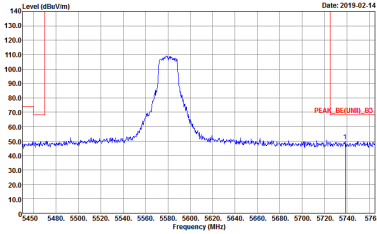


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 7	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 7
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 7	Left blank

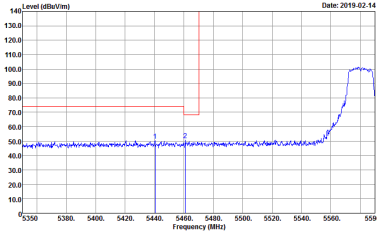
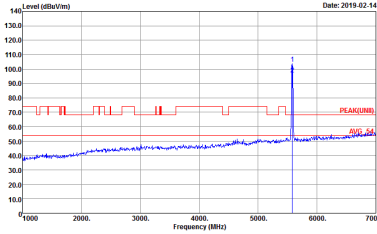
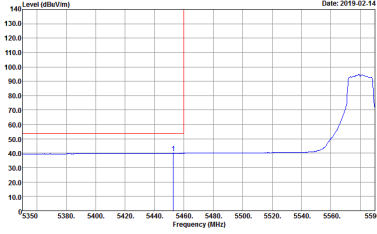


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8	Left blank

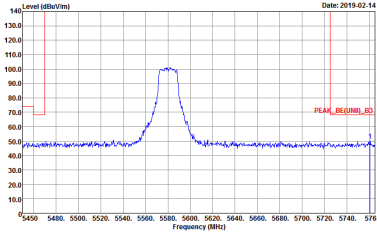


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 09CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Defector : Peak Project : 912242 Mode : 8	Left blank

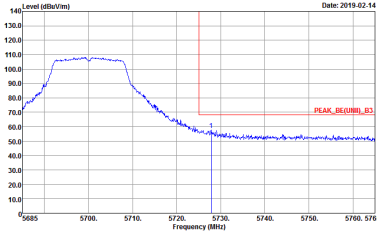
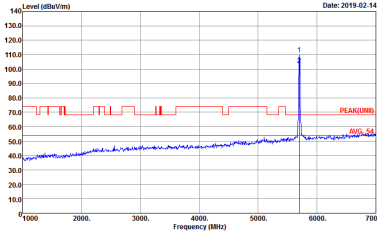


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8	Left blank

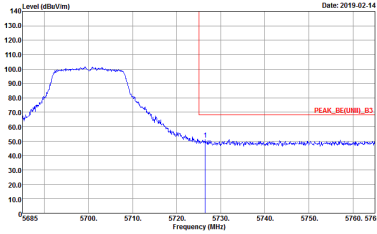
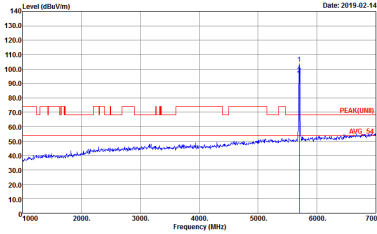


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : 09CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 8	Left blank



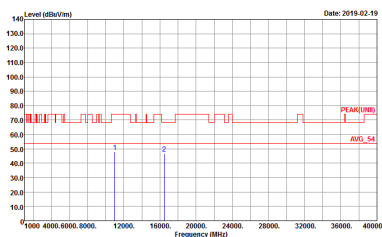
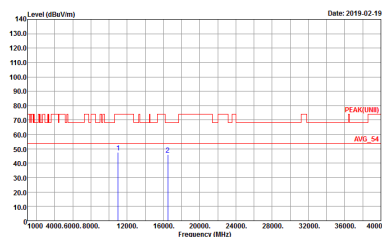
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 9	 Site : 03CH15-HV Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 9



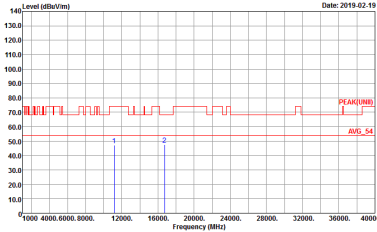
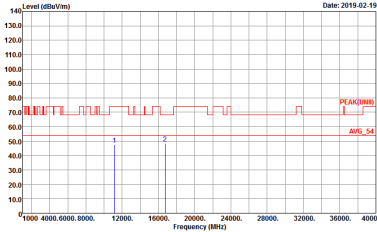
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CHI5-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 9	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 9



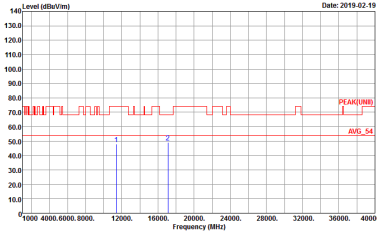
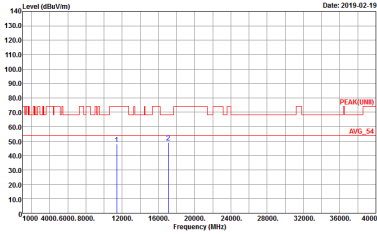
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 7	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 7

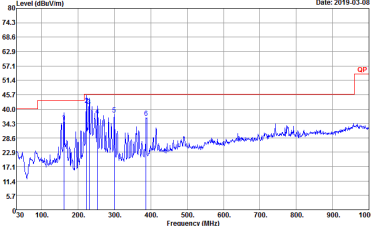
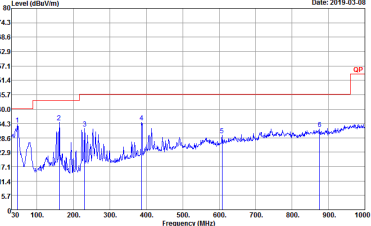


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : B	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : B



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 9	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 9

Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : QP 3m BTL06_15_41912 HORIZONTAL Detector : Peak Project : 912242 Mode : 10	 Site : 03CH15-HY Condition : QP 3m BTL06_15_41912 VERTICAL Detector : Peak Project : 912242 Mode : 10



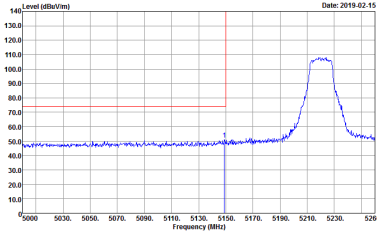
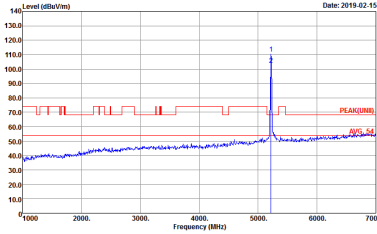
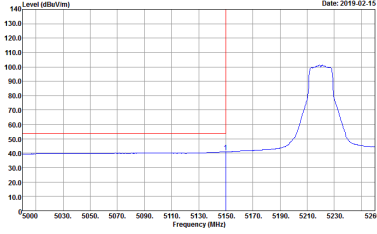
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 11	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 11
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 11	Left blank

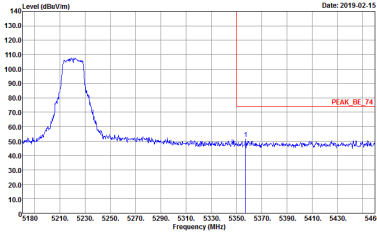
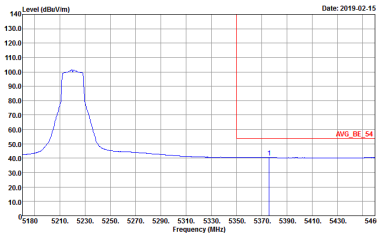


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
2	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 11	Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 11
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 11	Left blank

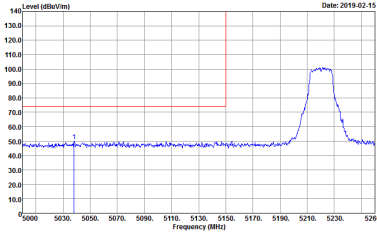
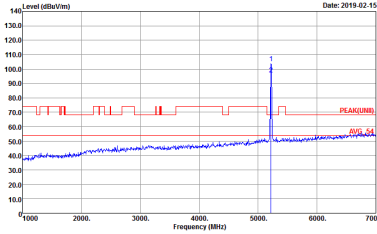
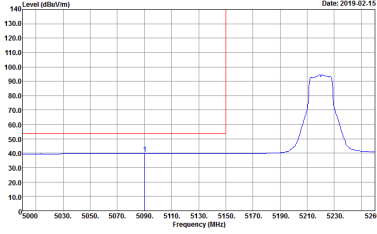


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	Left blank

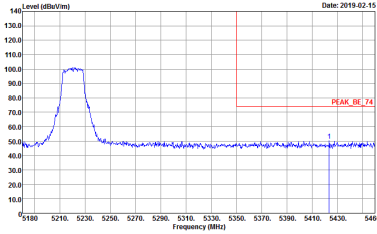
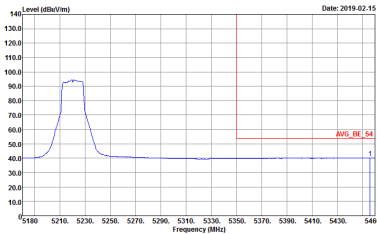


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	Left blank

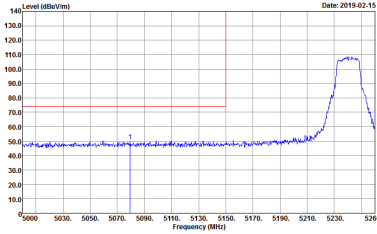
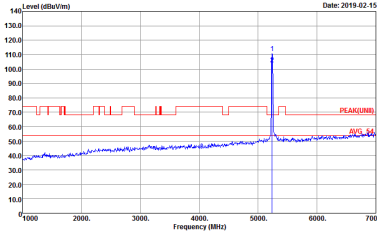
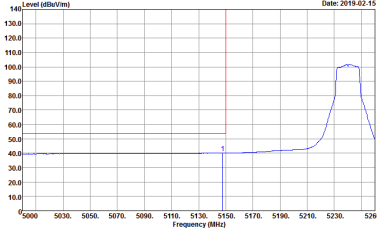


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	Left blank

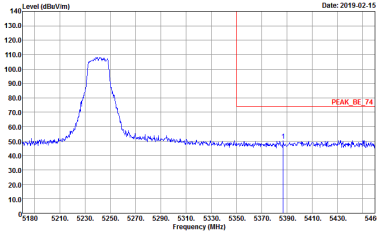
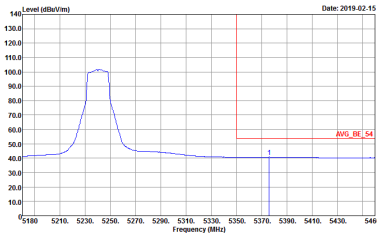


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 12	Left blank

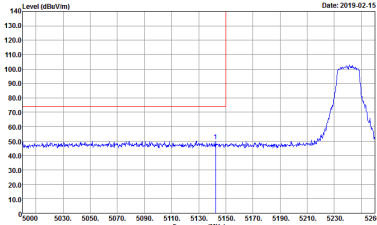
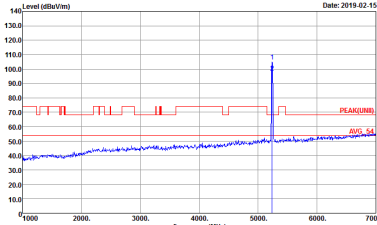
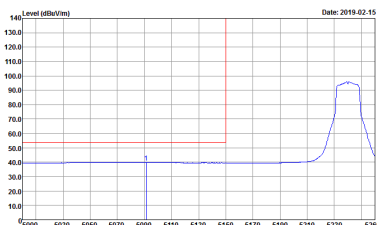


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	Left blank

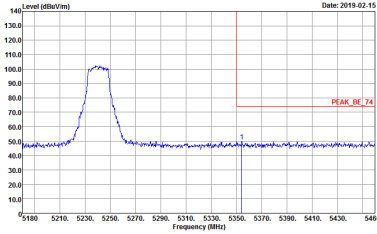
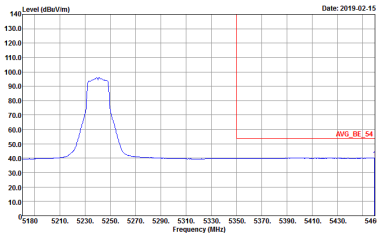


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	Left blank



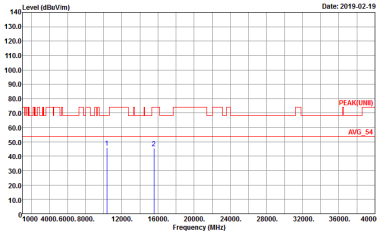
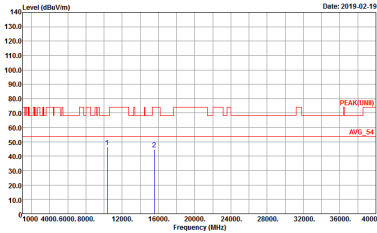
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	Left blank



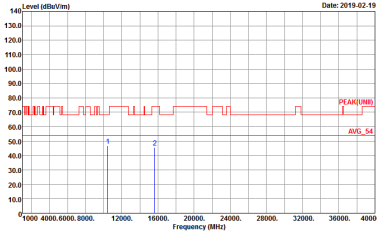
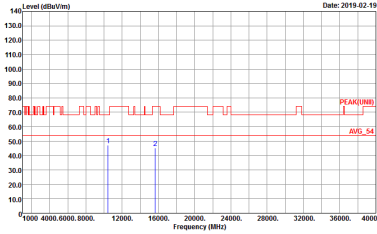
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 13	Left blank



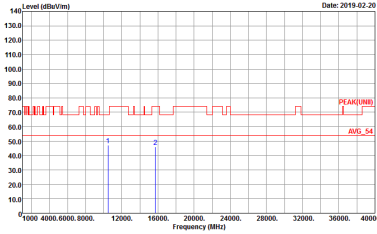
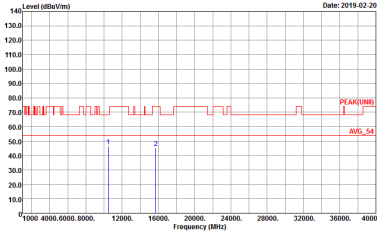
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 11	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 11

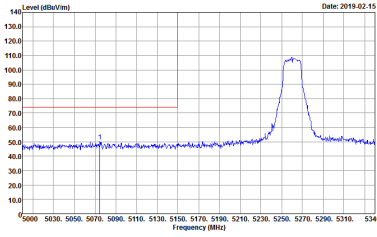
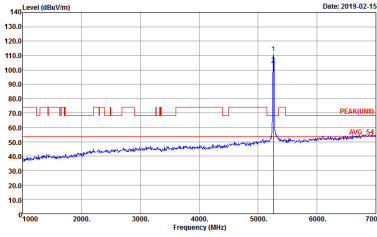
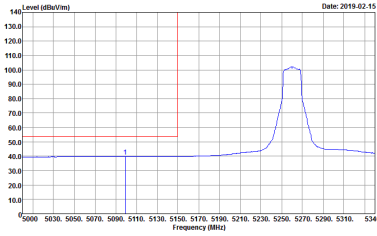


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 12	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 12

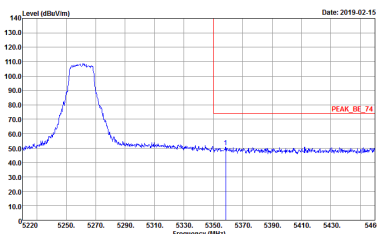
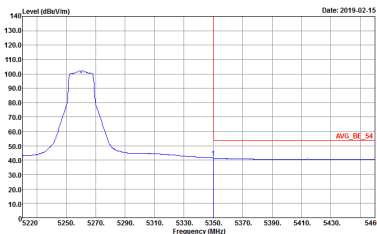


WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 13	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 13

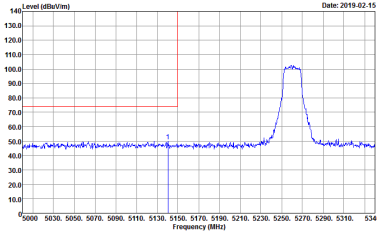
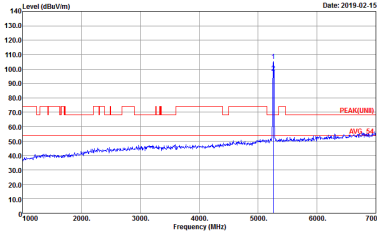
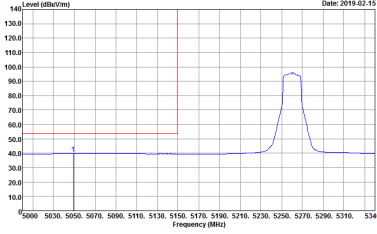
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 14	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 14
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 14	Left blank

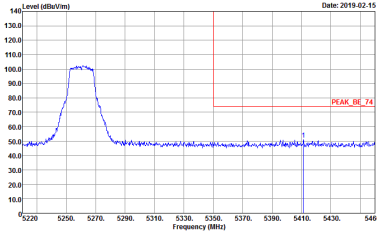
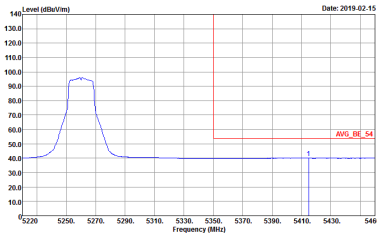


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14	Left blank

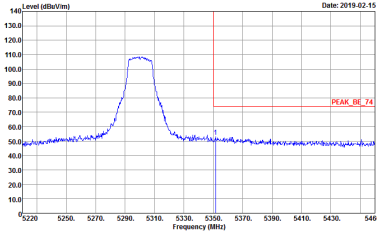
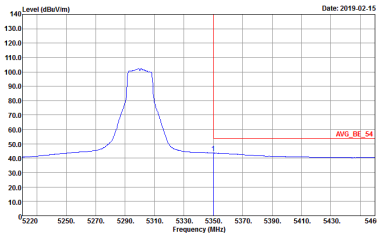


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 14	Left blank

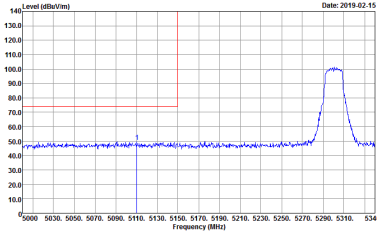
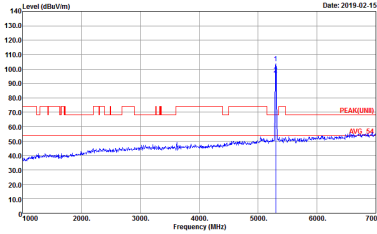
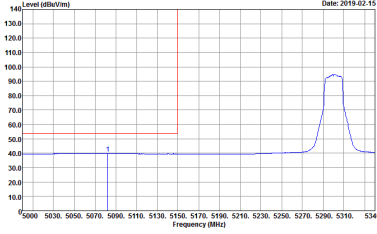


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Left blank

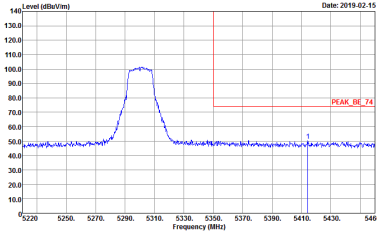
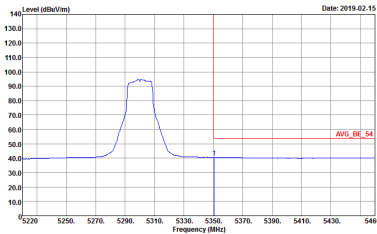


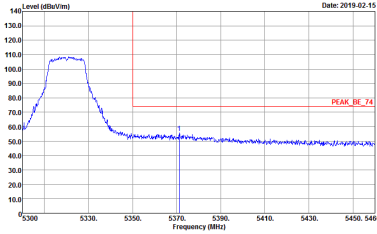
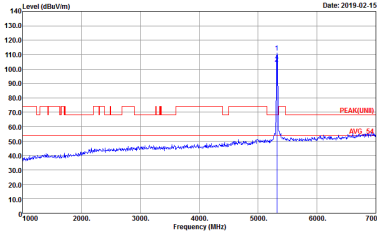
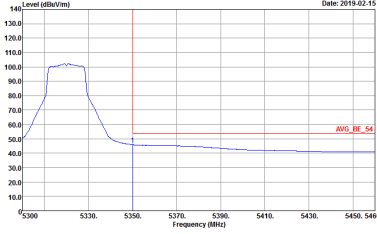
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Left blank

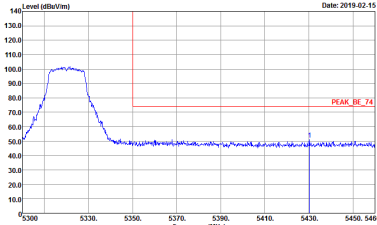
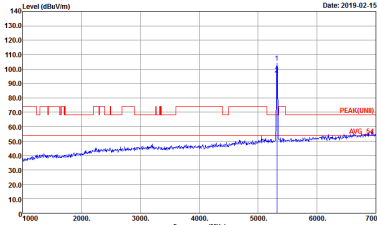
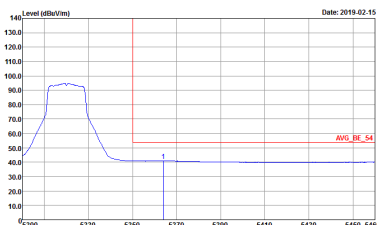


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Left blank



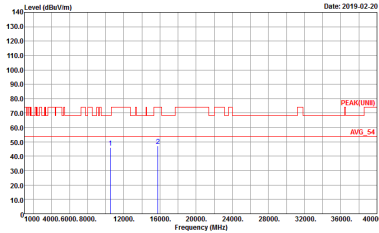
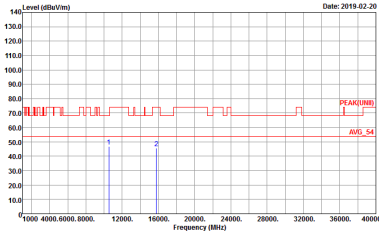
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 15	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 16	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 16
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 16	Left blank

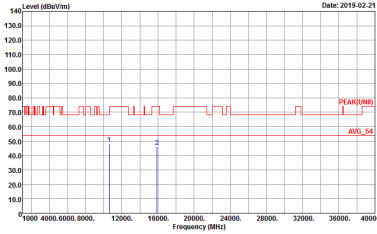
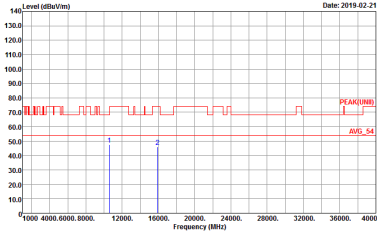
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 16	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 16
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 16	Left blank



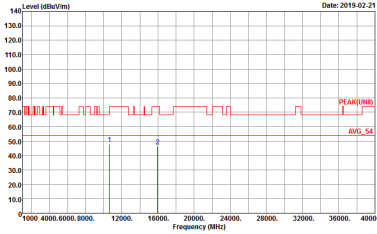
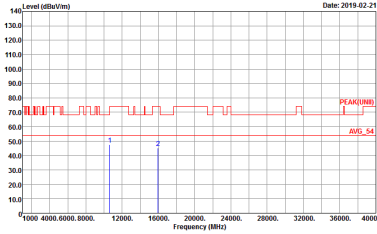
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 14	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 14



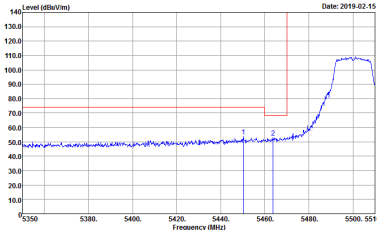
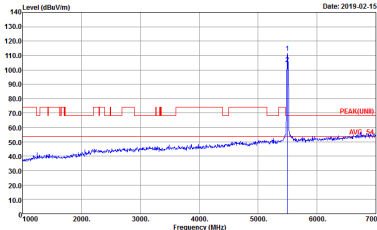
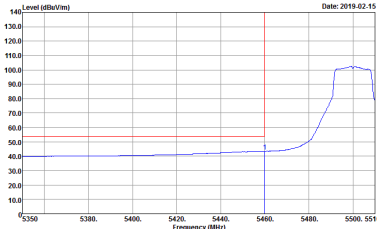
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 15	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 15



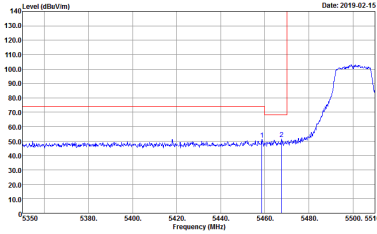
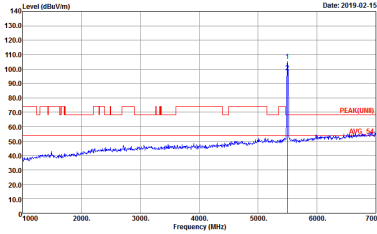
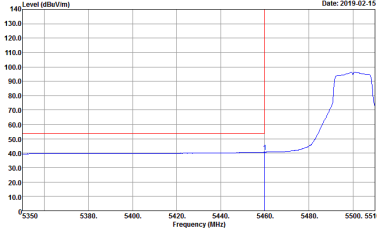
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 16	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 16



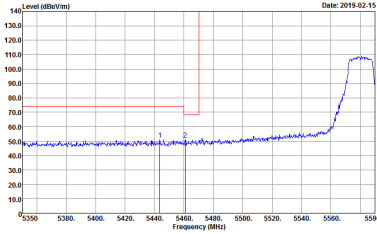
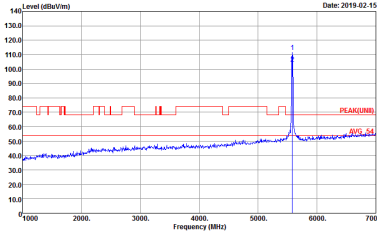
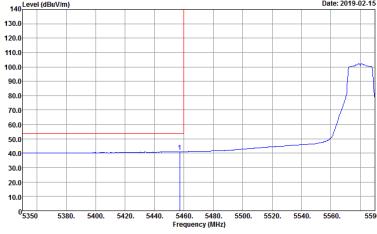
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 17	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 17
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 17	Left blank

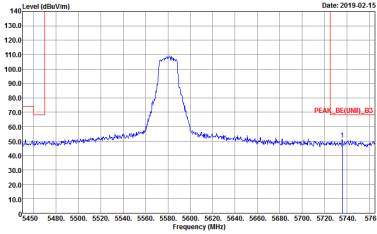


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 17	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 17
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 17	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18	Left blank

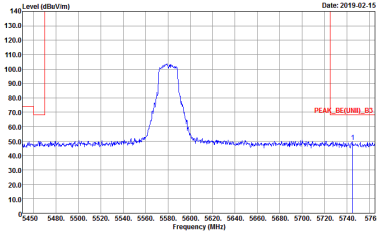


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 09CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 18	Left blank

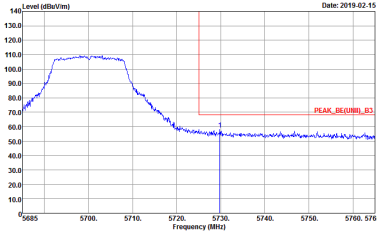
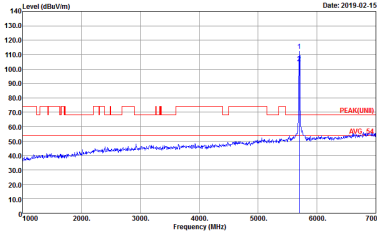


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
2	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18	Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18
Avg.	Site : 03CH15-HY Condition : AVG_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18	Left blank

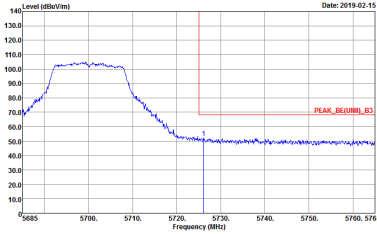
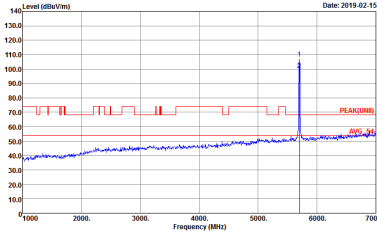


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
2	Vertical	Fundamental
Peak	 Site : 09CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 18	Left blank



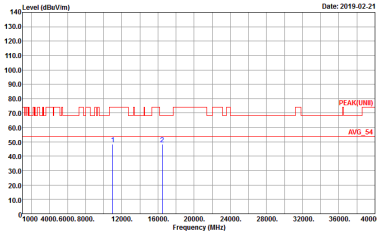
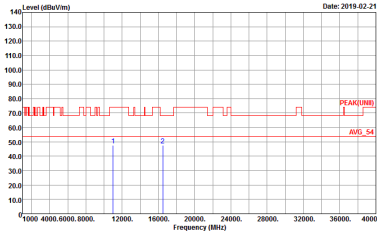
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 19	 Site : 03CH15-HV Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 19



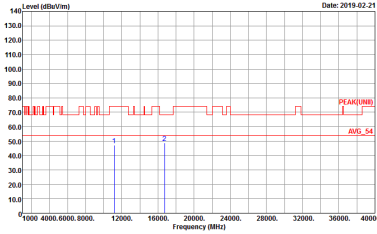
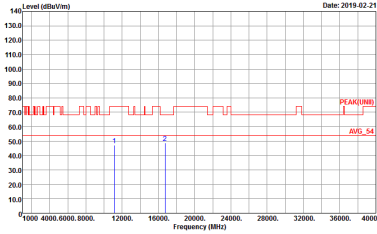
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
2	Vertical	Fundamental
Peak	 Site : 03CHI5-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 19	 Site : 03CHI5-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 19



Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 17	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 17



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : IS	 Site : 03CH15-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : IS



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CHI5-HV Condition : PEAK(UNB) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 19	Site : 03CHI5-HV Condition : PEAK(UNB) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 19

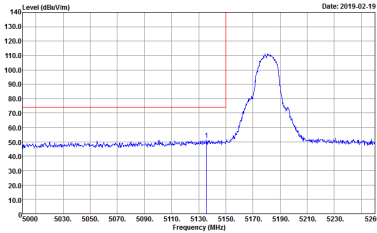
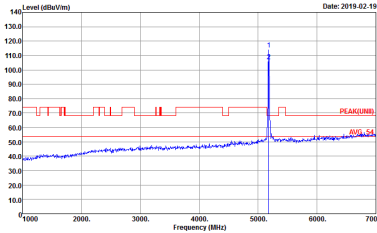
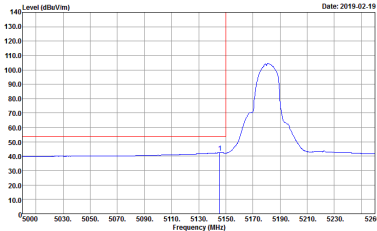


Emission below 1GHz
5GHz WIFI 802.11a (LF)

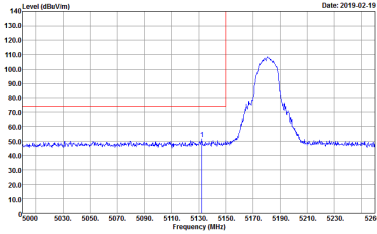
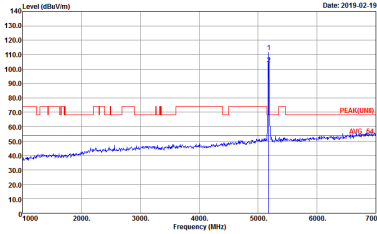
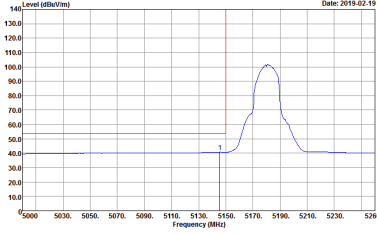
WIFI	5GHz WIFI	
ANT	802.11a LF	
2	Horizontal	Vertical
QP / Peak	Site : 03CH15-HY Condition : QP 3m B1LOG_15_41912 HORIZONTAL Detector : Peak Project : 912242 Mode : 20	Site : 03CH15-HY Condition : QP 3m B1LOG_15_41912 VERTICAL Detector : Peak Project : 912242 Mode : 20

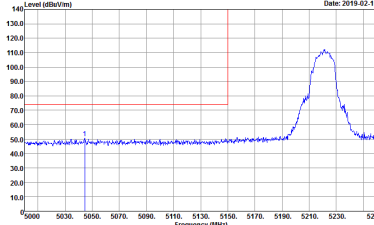
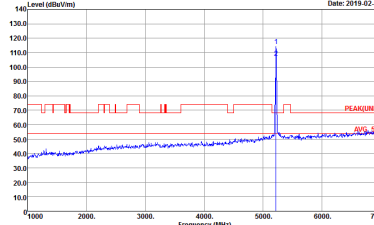
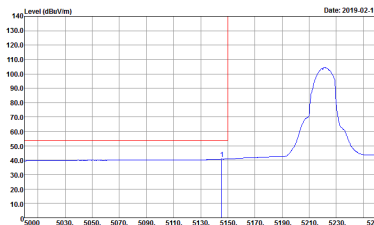


Band 1 - 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

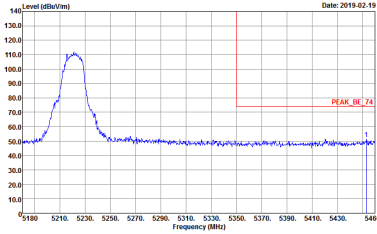
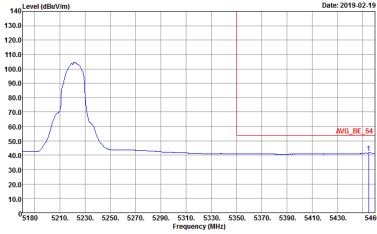
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : Z1	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : Z1
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : Z1	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : Z1	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : Z1
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : Z1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 22	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 22
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 22	Left blank

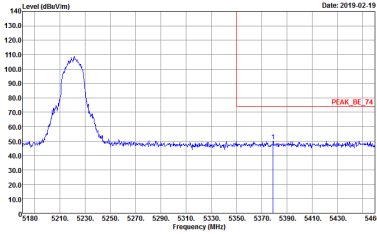
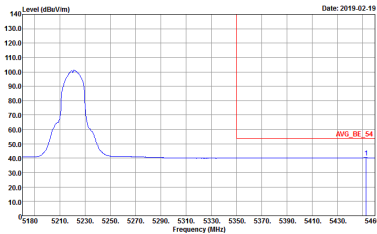


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 22	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 22	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 22	Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 22
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 22	Left blank

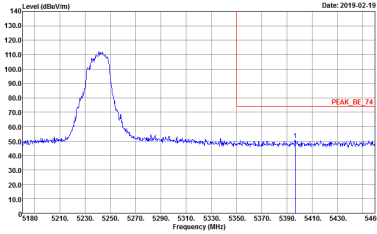
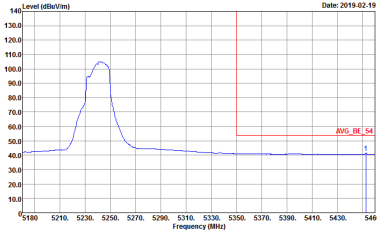


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 912242 Date: 2019-02-19	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 912242 Date: 2019-02-19	Left blank

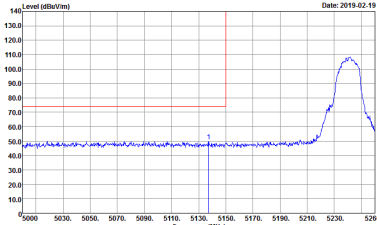
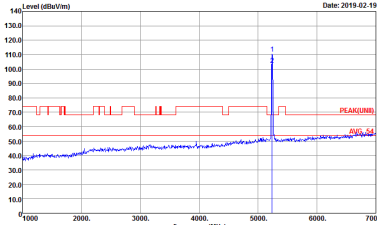


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 23	Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 23
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 23	Left blank

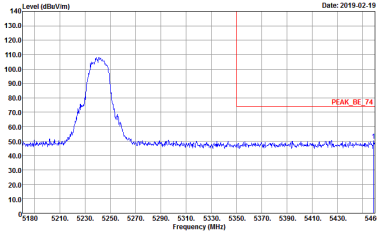
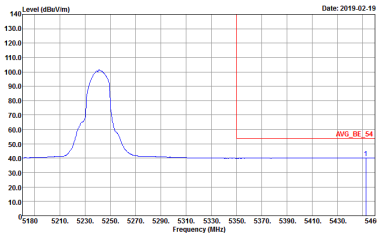


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 23	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 23	Left blank



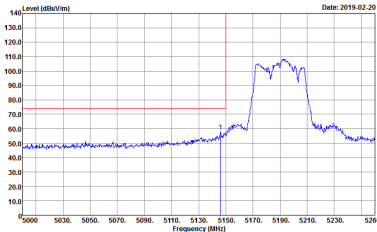
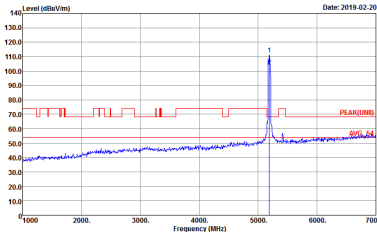
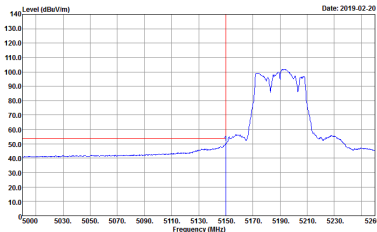
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 23	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 23
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 23	Left blank



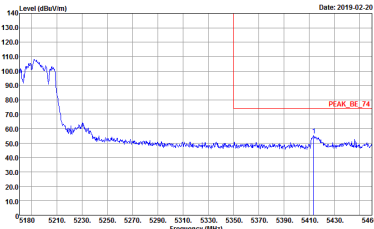
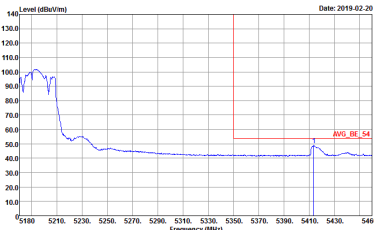
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 23	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 23	Left blank



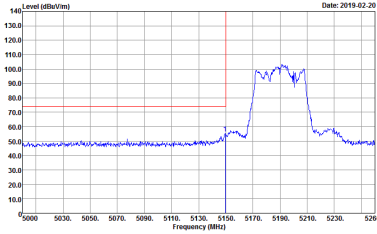
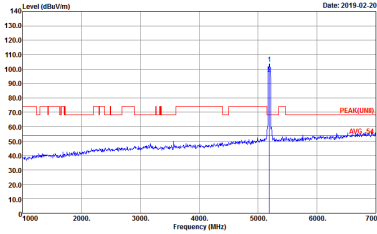
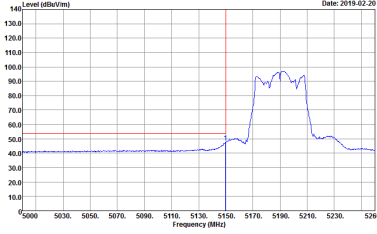
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 24 Setting : 15
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	Left blank

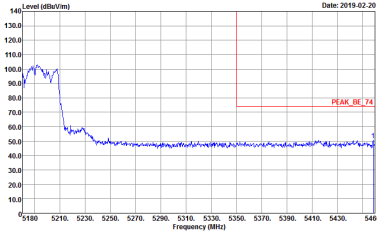
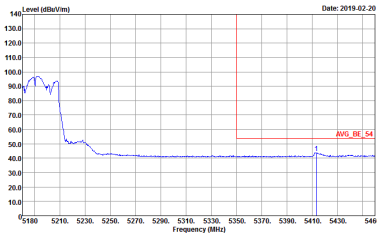


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	Left blank

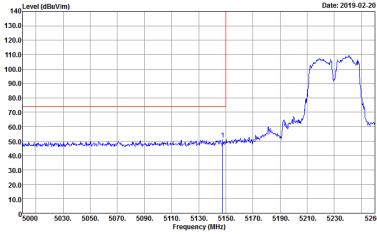
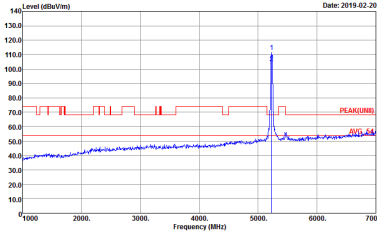
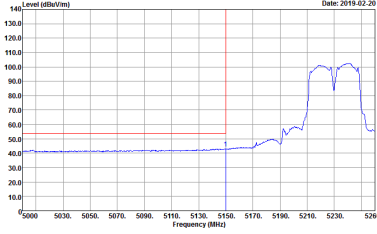


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 24 Setting : 15
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	Left blank

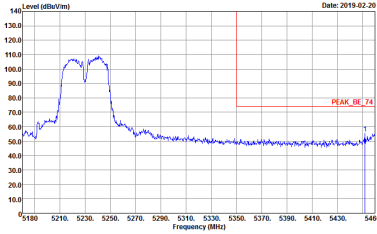
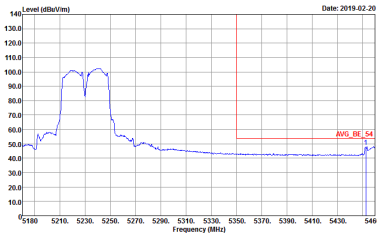


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 24 Setting : 15	Left blank

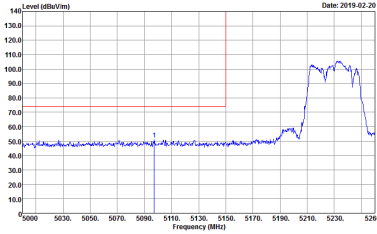
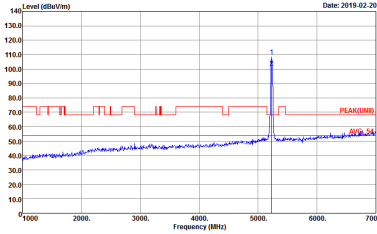
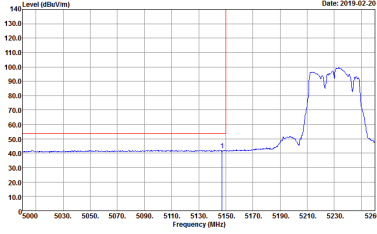


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	Left blank

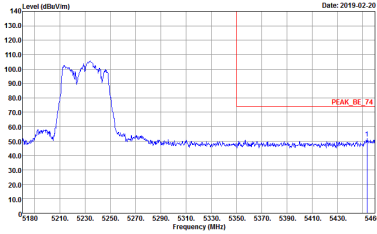
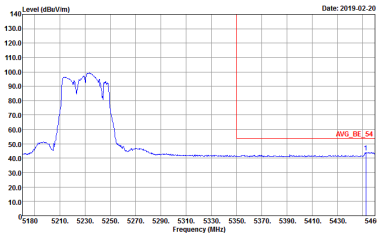


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	Left blank

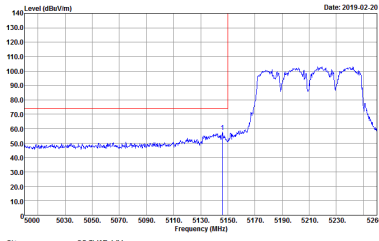
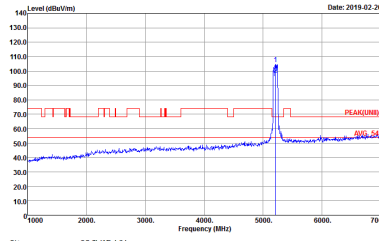
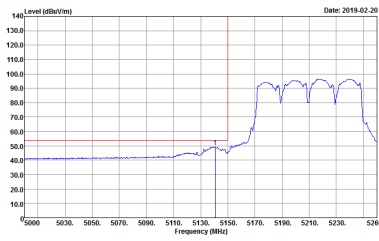


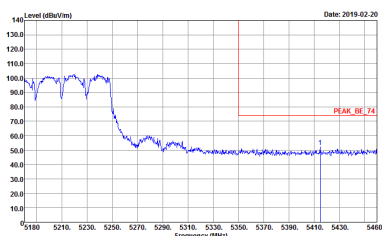
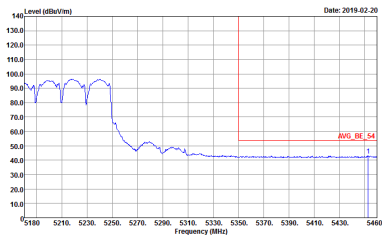
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	Left blank



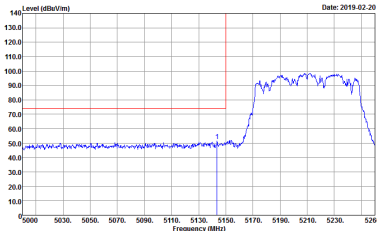
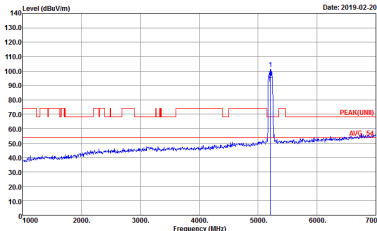
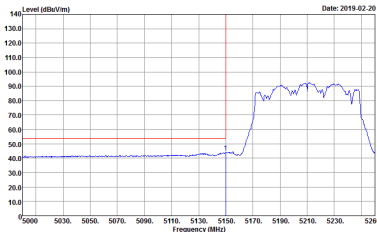
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 25	Left blank

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

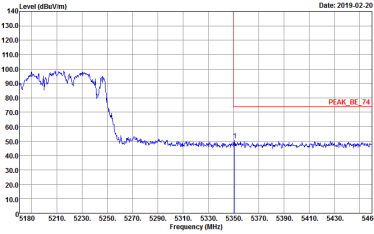
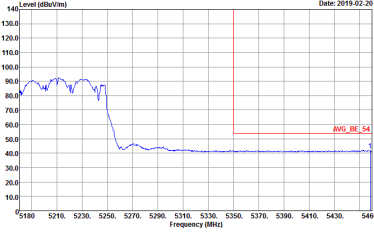
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	Left blank



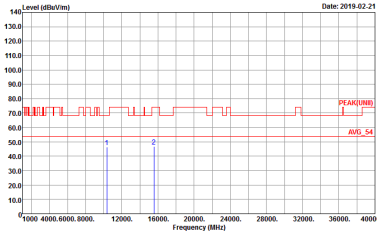
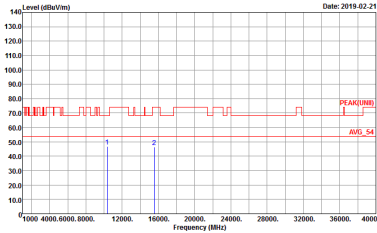
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	Left blank



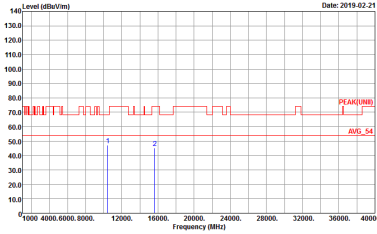
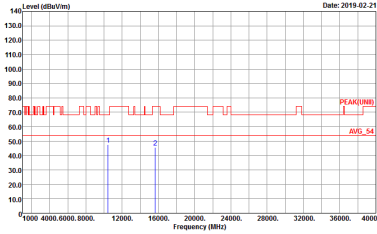
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 26 Setting : 13.5	Left blank



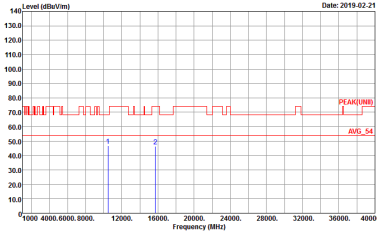
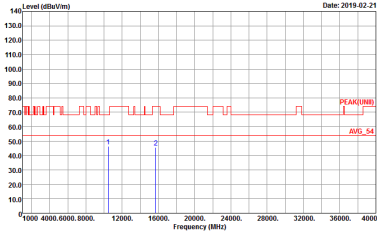
Band 1 - 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 21	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 21



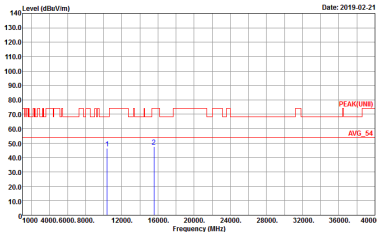
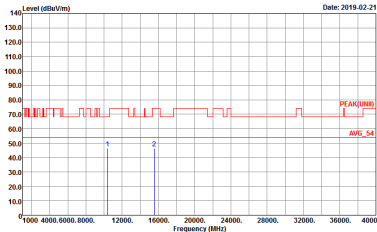
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 22	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 22



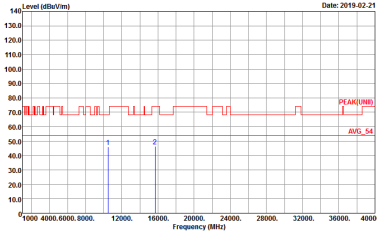
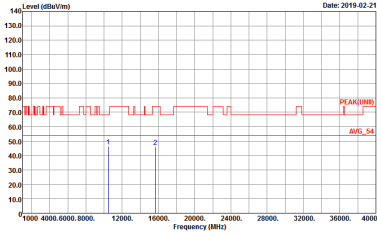
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 23	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 23



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

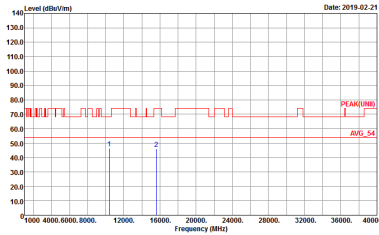
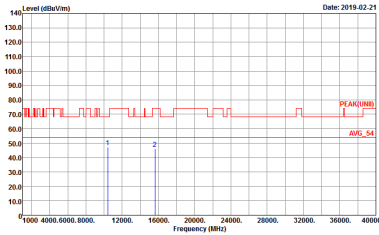
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 24	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 24



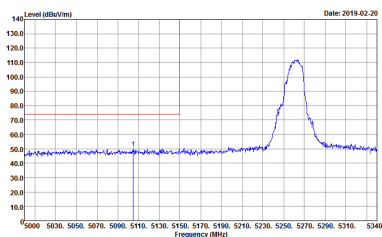
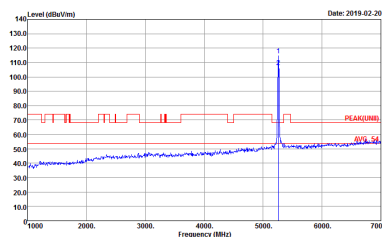
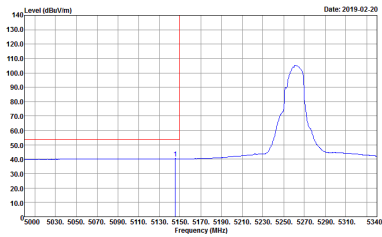
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 25	 Site : 03CHI5-HV Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 25



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

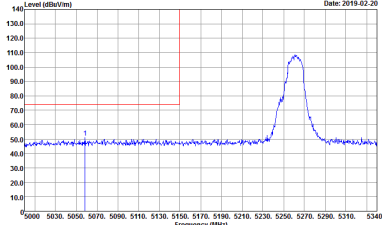
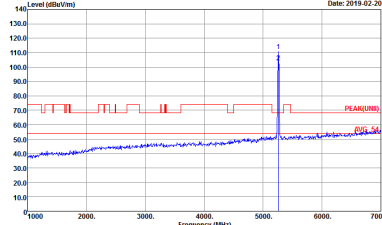
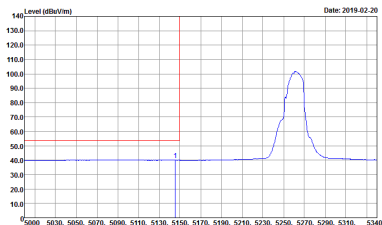
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 26	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 26

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

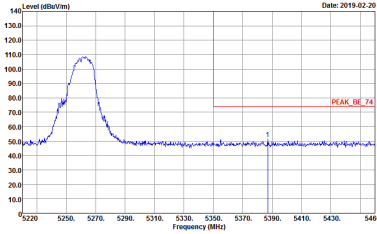
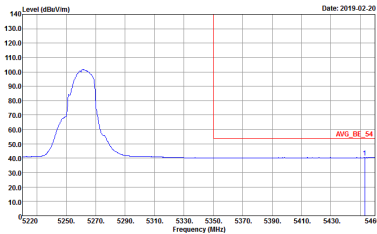
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : Z7	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : Z7
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : Z7	Left blank



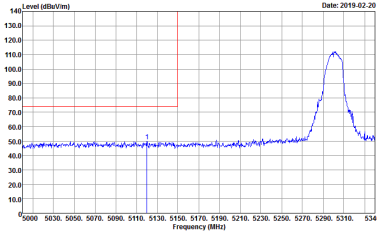
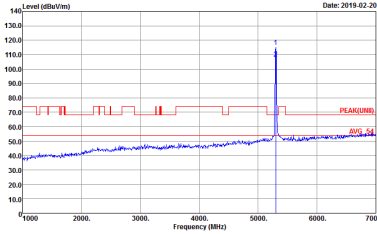
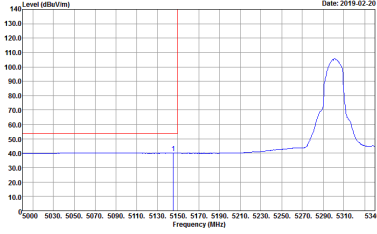
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 27	Left blank
Avg.	Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 27	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 27	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 27
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 27	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 27	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL Detector : Peak Project : 912242 Mode : 27	Left blank

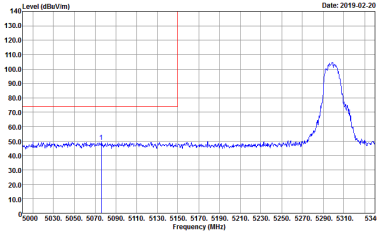
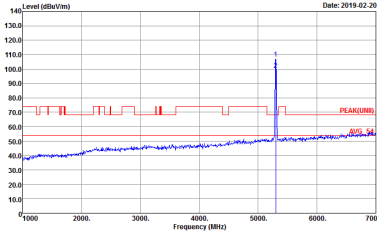
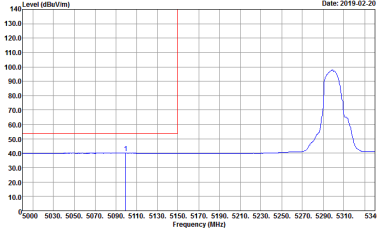


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 28	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 28
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 28	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2	Horizontal	Vertical
Peak	Site : 03CH15-HV Condition : PEAK_BE_74 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 28	Left blank
Avg.	Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 912242 Mode : 28	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 28	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 912242 Mode : 28
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 912242 Mode : 28	Left blank