



FCC RADIO TEST REPORT

FCC ID : PY7-54264H
Equipment : GSM/WCDMA/LTE Phone+Bluetooth,
DTS/UNII a/b/g/n/ac and NFC
Brand Name : Sony
Applicant : Sony Mobile Communications Inc.
4-12-3 Higashi-Shinagawa, Shinagawa-ku,
Tokyo, 140-0002, Japan
Manufacturer : Sony Mobile Communications Inc.
4-12-3 Higashi-Shinagawa, Shinagawa-ku,
Tokyo, 140-0002, Japan
Standard : FCC Part 15 Subpart E §15.407

The product was received on Nov. 01, 2018 and testing was started from Nov. 21, 2018 and completed on Dec. 10, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON 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
FR8O2416-02E	01	Initial issue of report	Jan. 07, 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 3.02 dB at 5725.480 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 16.72 dB at 0.152 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Reviewed by: Wii Chang

Report Producer: Natasha Hsieh

1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac, NFC, and GNSS.

Product Specification subjective to this standard	
Antenna Type	Monopole Antenna
Antenna Type / Gain	<5150 MHz ~ 5250 MHz> -1.40 dBi
	<5250 MHz ~ 5350 MHz> -1.40 dBi
	<5470 MHz ~ 5725 MHz> -1.20 dBi

EUT Information List			
HW Version	SW Version	S/N	Performed Test Item
A	0.160	BH9400S3E8	Conducted Emission
	0_30047_A_21_IETS _remount	BH9400SVE8	Radiated Spurious Emission
		BH9400A0E7	RF conducted measurement

Accessory List	
AC Adapter	Model No. : UCH20
	S/N:
	3515W45302521 (for radiated emission) 3515W45302494 (for conducted emission)
Earphone	Model No. : STH40D
	S/N: N/A
USB Cable	Model No. : UCB20
	S/N : N/A

Note:

1. Above EUT list used are electrically identical per declared by manufacturer.
2. Above the accessories list are used to exercise the EUT during test, and the serial number of each type of accessories is listed in each section of this report. .
3. For other wireless features of this EUT, test report will be issued separately.

1.2 Modification of EUT

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

1.3 Testing Location

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

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

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

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	03CH16-HY	

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

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + MP3 + Earphone + Battery + USB Cable (Charging from Adapter)



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

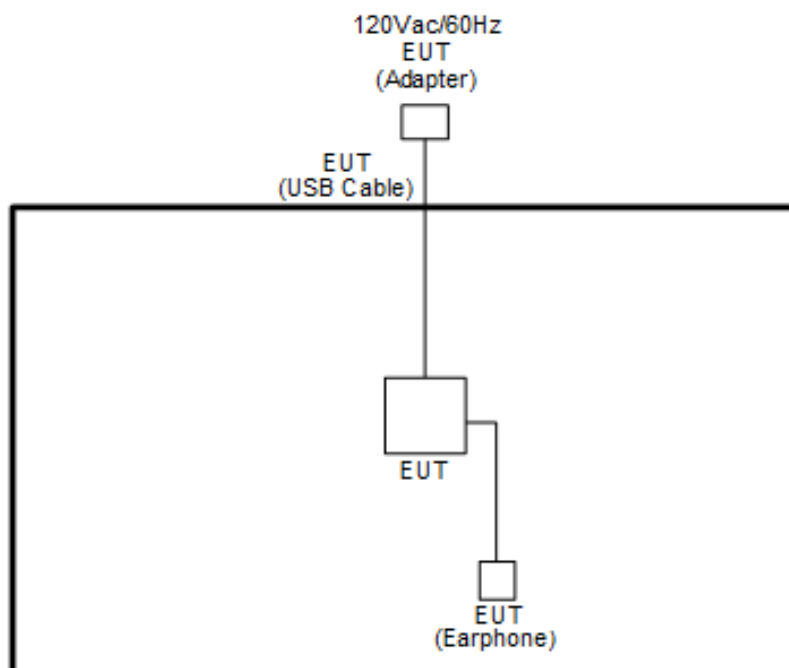
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

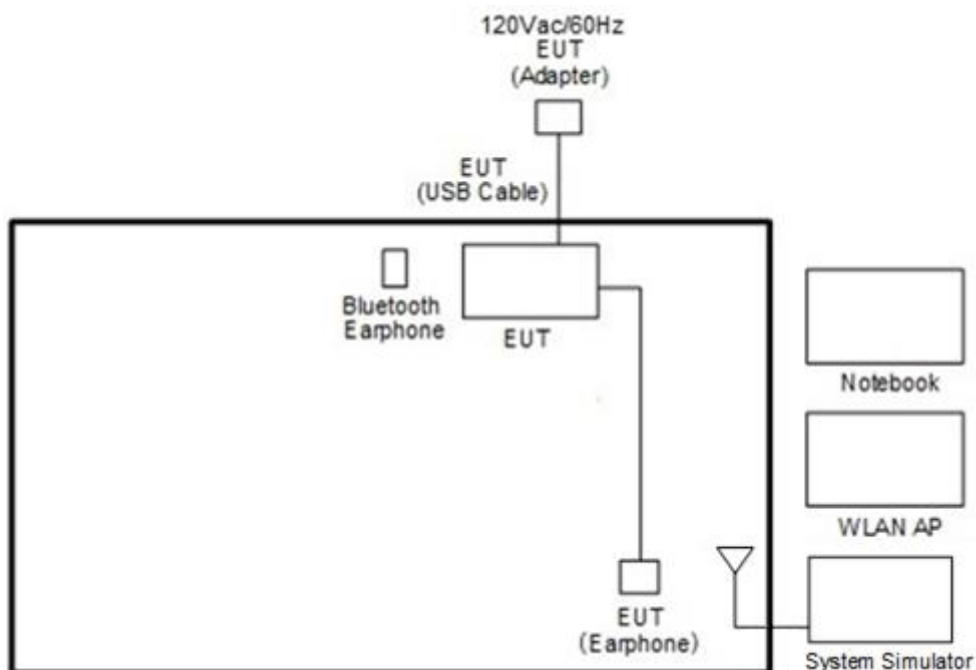
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-
Straddle		-	-	138

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emissions Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
4.	Notebook	DELL	Latitude E6320	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “Tera Term” 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.

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

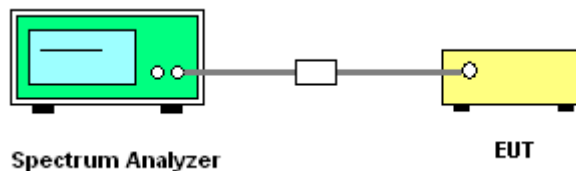
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

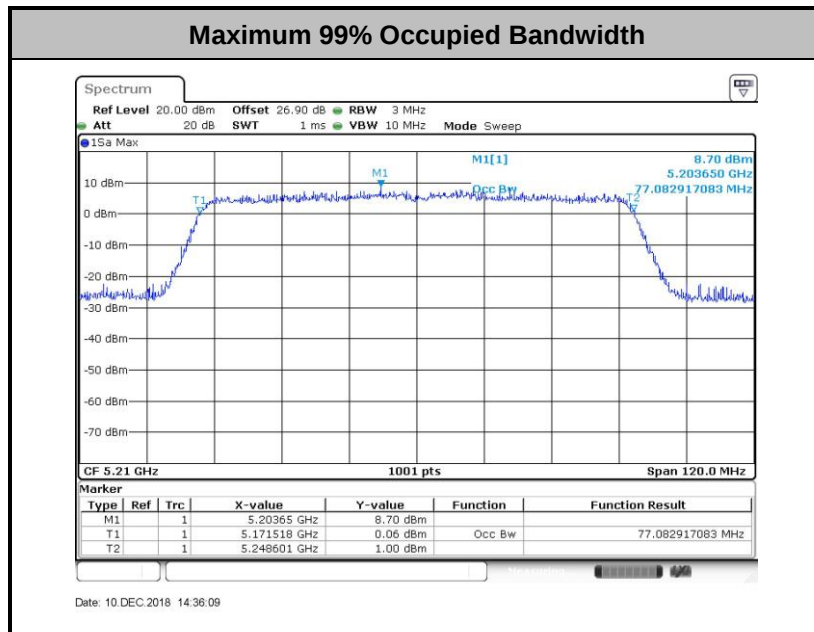
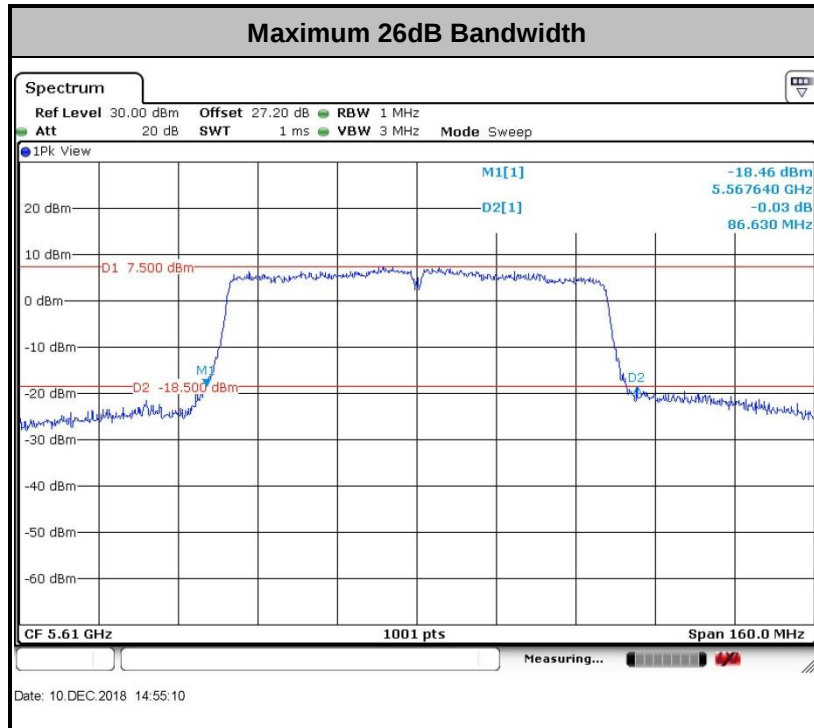
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

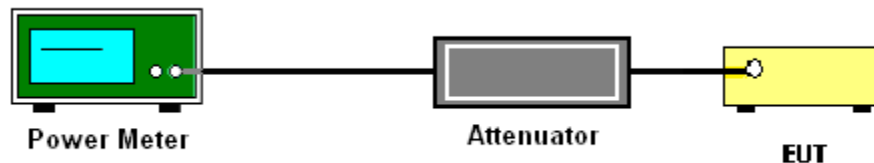
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

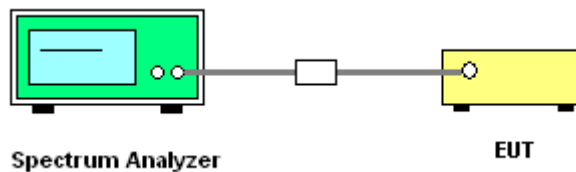
Section F) Maximum power spectral density.

Method SA-2

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

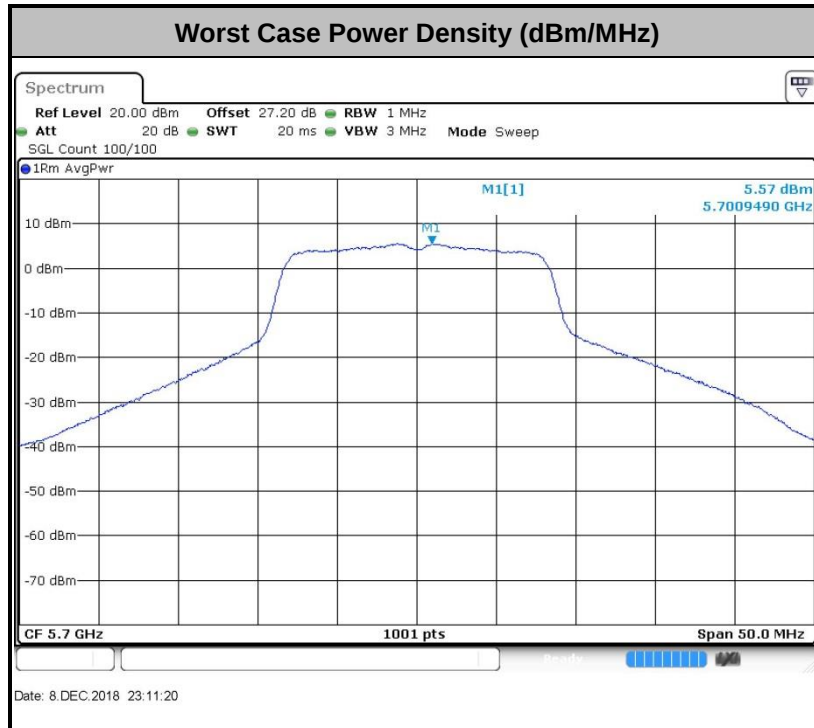
- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - 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.

3.3.4 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

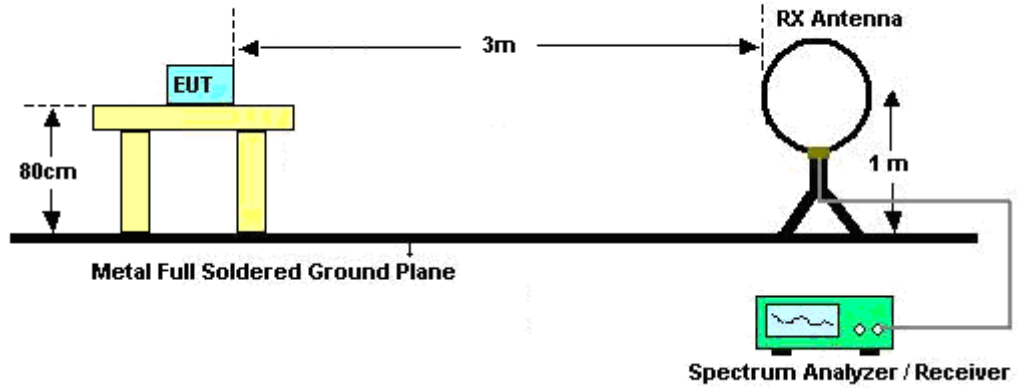
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak 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

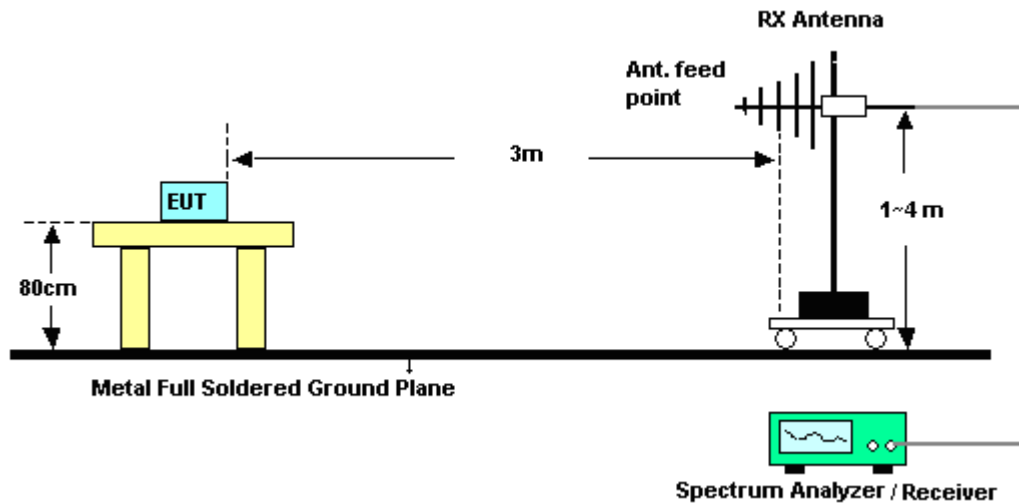
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2.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

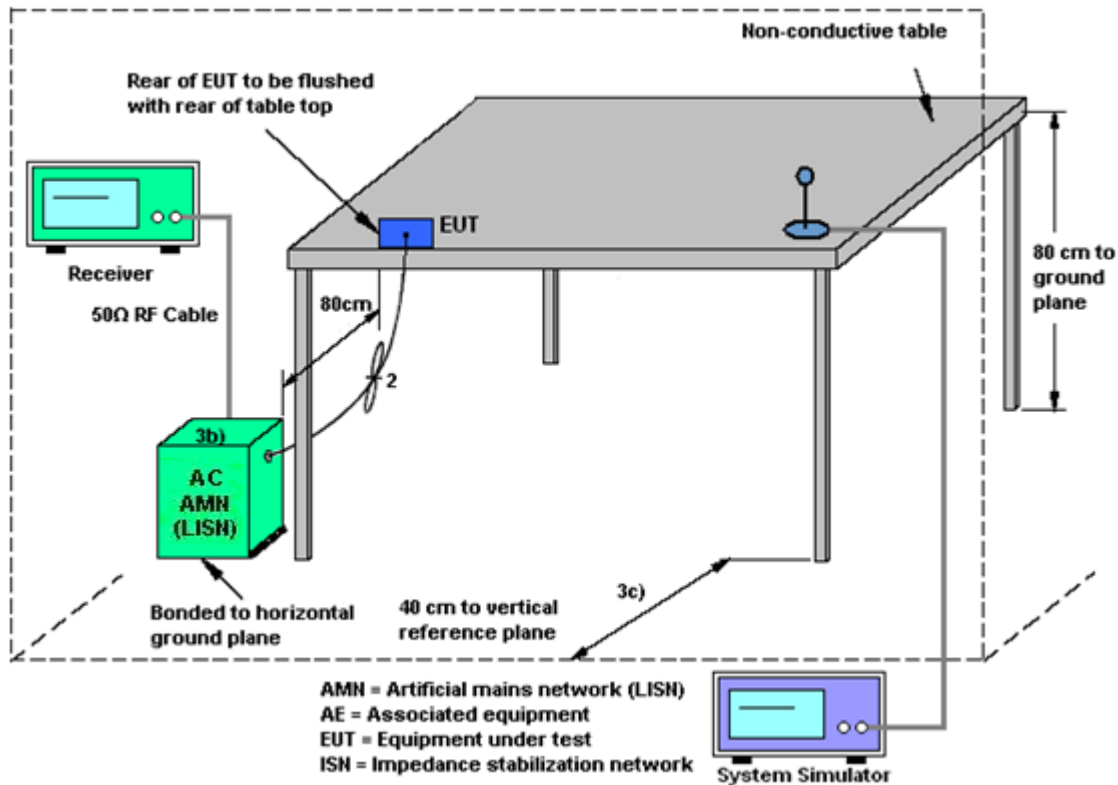
3.5.2 Measuring Instruments

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 06, 2018	Nov. 21, 2018~ Dec. 10, 2018	Mar. 05, 2019	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1218006	N/A	Oct. 08, 2018	Nov. 21, 2018~ Dec. 10, 2018	Oct. 07, 2019	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1207363	300MHz~40GHz	Oct. 08, 2018	Nov. 21, 2018~ Dec. 10, 2018	Oct. 07, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 13, 2018	Nov. 21, 2018~ Dec. 10, 2018	Nov. 12, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Nov. 21, 2018~ Dec. 10, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 22, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Nov. 22, 2018	Nov. 11, 2019	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Nov. 22, 2018	Mar. 05, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Nov. 22, 2018	Nov. 13, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 22, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Nov. 22, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Nov. 22, 2018	Jan. 02, 2019	Conduction (CO05-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY5413008 5	20Hz ~ 8.4GHz	Nov. 01, 2018	Nov. 30, 2018~ Dec. 07, 2018	Oct. 31, 2019	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1000MHz	Oct. 02, 2018	Nov. 30, 2018~ Dec. 07, 2018	Oct. 01, 2019	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55- 303	1710001800 054001	1GHz~18GHz	Apr. 16, 2018	Nov. 30, 2018~ Dec. 07, 2018	Apr. 15, 2019	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY5327019 5	1GHz ~ 26.5GHz	Aug. 23, 2018	Nov. 30, 2018~ Dec. 07, 2018	Aug. 22, 2019	Radiation (03CH16-HY)
Preamplifier	MITEQ	TTA18140-3 5-HG	1864481	18GHz ~ 40GHz	Aug. 24, 2018	Nov. 30, 2018~ Dec. 07, 2018	Aug. 23, 2019	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D& 00802N1D0 1N-06	47020&06	30MHz to 1GHz	Oct. 13, 2018	Nov. 30, 2018~ Dec. 07, 2018	Oct. 12, 2019	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1G~18GHz	Sep. 07, 2018	Nov. 30, 2018~ Dec. 07, 2018	Sep. 06, 2019	Radiation (03CH16-HY)
Hygrometer	TECPEL	DTM-303B	TP162965	N/A	Oct. 22, 2018	Nov. 30, 2018~ Dec. 07, 2018	Oct. 21, 2019	Radiation (03CH16-HY)
Loop Antenna	TESEQ	HL A 6120	31244	9 kHz~30 MHz	Mar. 29, 2018	Nov. 30, 2018~ Dec. 07, 2018	Mar. 28, 2019	Radiation (03CH16-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	Apr. 25, 2018	Nov. 30, 2018~Dec. 07, 2018	Apr. 24, 2019	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant. Mast	N/A	Nov. 30, 2018~Dec. 07, 2018	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 30, 2018~Dec. 07, 2018	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 30, 2018~Dec. 07, 2018	N/A	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 20, 2018	Nov. 30, 2018~Dec. 07, 2018	Nov. 19, 2019	Radiation (03CH16-HY)
Software	AUDIX	E3 6.2009-8-24	RK001136	N/A	N/A	Nov. 30, 2018~Dec. 07, 2018	N/A	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 14, 2018	Nov. 30, 2018~Dec. 07, 2018	Mar. 13, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	MY1082/26EA	30M~18GHz	Oct. 16, 2018	Nov. 30, 2018~Dec. 07, 2018	Oct. 15 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 16, 2018	Nov. 30, 2018~Dec. 07, 2018	Oct. 15, 2019	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1G Low Pass	Sep. 17, 2018	Nov. 30, 2018~Dec. 07, 2018	Sep. 16, 2019	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700-3000-18000-60SS	SN2	3G High Pass	Sep. 17, 2018	Nov. 30, 2018~Dec. 07, 2018	Sep. 16, 2019	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN3	6.75GHz High Pass	Sep. 17, 2018	Nov. 30, 2018~Dec. 07, 2018	Sep. 16, 2019	Radiation (03CH16-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% ($U = 2Uc(y)$)	4.90
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.80
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.90
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kai Liao / Tommy Lee	Temperature:	21~25	°C
Test Date:	2018/11/21~2018/12/10	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	16.93	-	25.43	-	-	-	22.29	-	
11a	6Mbps	1	44	5220	16.98	-	26.52	-	-	-	22.30	-	
11a	6Mbps	1	48	5240	16.93	-	26.62	-	-	-	22.29	-	
HT20	MCS0	1	36	5180	17.98	-	26.57	-	-	-	22.55	-	
HT20	MCS0	1	44	5220	18.08	-	27.37	-	-	-	22.57	-	
HT20	MCS0	1	48	5240	18.13	-	26.92	-	-	-	22.58	-	
HT40	MCS0	1	38	5190	36.56	-	41.72	-	-	-	23.01	-	
HT40	MCS0	1	46	5230	36.66	-	42.53	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	77.08	-	84.72	-	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.21	-	16.28	-		24.00	-	-1.40	-	Pass
11a	6Mbps	1	44	5220	0.21	-	16.65	-		24.00	-	-1.40	-	Pass
11a	6Mbps	1	48	5240	0.21	-	16.49	-		24.00	-	-1.40	-	Pass
HT20	MCS0	1	36	5180	0.09	-	15.72	-		24.00	-	-1.40	-	Pass
HT20	MCS0	1	44	5220	0.09	-	16.72	-		24.00	-	-1.40	-	Pass
HT20	MCS0	1	48	5240	0.09	-	16.68	-		24.00	-	-1.40	-	Pass
HT40	MCS0	1	38	5190	0.19	-	13.10	-		24.00	-	-1.40	-	Pass
HT40	MCS0	1	46	5230	0.19	-	16.77	-		24.00	-	-1.40	-	Pass
VHT20	MCS0	1	36	5180	0.09	-	15.64	-		24.00	-	-1.40	-	Pass
VHT20	MCS0	1	44	5220	0.09	-	16.72	-		24.00	-	-1.40	-	Pass
VHT20	MCS0	1	48	5240	0.09	-	16.61	-		24.00	-	-1.40	-	Pass
VHT40	MCS0	1	38	5190	0.18	-	13.02	-		24.00	-	-1.40	-	Pass
VHT40	MCS0	1	46	5230	0.18	-	16.67	-		24.00	-	-1.40	-	Pass
VHT80	MCS0	1	42	5210	0.36	-	11.53	-		24.00	-	-1.40	-	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	0.21	-	4.48	-		11.00	-	-1.40	-	Pass
11a	6Mbps	1	44	5220	0.21	-	4.60	-		11.00	-	-1.40	-	Pass
11a	6Mbps	1	48	5240	0.21	-	4.59	-		11.00	-	-1.40	-	Pass
HT20	MCS0	1	36	5180	0.09	-	3.79	-		11.00	-	-1.40	-	Pass
HT20	MCS0	1	44	5220	0.09	-	4.57	-		11.00	-	-1.40	-	Pass
HT20	MCS0	1	48	5240	0.09	-	4.54	-		11.00	-	-1.40	-	Pass
HT40	MCS0	1	38	5190	0.19	-	-1.41	-		11.00	-	-1.40	-	Pass
HT40	MCS0	1	46	5230	0.19	-	2.32	-		11.00	-	-1.40	-	Pass
VHT80	MCS0	1	42	5210	0.36	-	-6.63	-		11.00	-	-1.40	-	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	16.98	-	25.92	-	23.30	-	29.30	-	23.98	-	
11a	6Mbps	1	60	5300	16.98	-	26.12	-	23.30	-	29.30	-	23.98	-	
11a	6Mbps	1	64	5320	17.03	-	26.67	-	23.31	-	29.31	-	23.98	-	
HT20	MCS0	1	52	5260	18.13	-	28.07	-	23.58	-	29.58	-	23.98	-	
HT20	MCS0	1	60	5300	18.08	-	27.87	-	23.57	-	29.57	-	23.98	-	
HT20	MCS0	1	64	5320	18.13	-	26.72	-	23.58	-	29.58	-	23.98	-	
HT40	MCS0	1	54	5270	36.66	-	41.90	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.56	-	42.08	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	76.84	-	84.72	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.21	-	16.09	-		23.98	-	-1.40	-	30	Pass
11a	6Mbps	1	60	5300	0.21	-	16.01	-		23.98	-	-1.40	-	30	Pass
11a	6Mbps	1	64	5320	0.21	-	16.04	-		23.98	-	-1.40	-	30	Pass
HT20	MCS0	1	52	5260	0.09	-	16.18	-		23.98	-	-1.40	-	30	Pass
HT20	MCS0	1	60	5300	0.09	-	16.17	-		23.98	-	-1.40	-	30	Pass
HT20	MCS0	1	64	5320	0.09	-	16.18	-		23.98	-	-1.40	-	30	Pass
HT40	MCS0	1	54	5270	0.19	-	15.82	-		23.98	-	-1.40	-	30	Pass
HT40	MCS0	1	62	5310	0.19	-	10.65	-		23.98	-	-1.40	-	30	Pass
VHT20	MCS0	1	52	5260	0.09	-	16.16	-		23.98	-	-1.40	-	30	Pass
VHT20	MCS0	1	60	5300	0.09	-	16.16	-		23.98	-	-1.40	-	30	Pass
VHT20	MCS0	1	64	5320	0.09	-	16.15	-		23.98	-	-1.40	-	30	Pass
VHT40	MCS0	1	54	5270	0.18	-	15.80	-		23.98	-	-1.40	-	30	Pass
VHT40	MCS0	1	62	5310	0.18	-	10.57	-		23.98	-	-1.40	-	30	Pass
VHT80	MCS0	1	58	5290	0.36	-	11.12	-		23.98	-	-1.40	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.21	-	4.83	-		11.00	-	-1.40	-	Pass
11a	6Mbps	1	60	5300	0.21	-	4.75	-		11.00	-	-1.40	-	Pass
11a	6Mbps	1	64	5320	0.21	-	4.81	-		11.00	-	-1.40	-	Pass
HT20	MCS0	1	52	5260	0.09	-	4.24	-		11.00	-	-1.40	-	Pass
HT20	MCS0	1	60	5300	0.09	-	4.31	-		11.00	-	-1.40	-	Pass
HT20	MCS0	1	64	5320	0.09	-	4.34	-		11.00	-	-1.40	-	Pass
HT40	MCS0	1	54	5270	0.19	-	1.40	-		11.00	-	-1.40	-	Pass
HT40	MCS0	1	62	5310	0.19	-	-3.99	-		11.00	-	-1.40	-	Pass
VHT80	MCS0	1	58	5290	0.36	-	-6.75	-		11.00	-	-1.40	-	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	17.53	-	28.62	-	23.44	-	29.44	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.33	-	28.52	-	23.39	-	29.39	-	23.98	-	----	----
11a	6Mbps	1	140	5700	18.38	-	31.97	-	23.64	-	29.64	-	23.98	-	----	----
11a	6Mbps	1	144	5720	13.74	-	19.24	-	22.38	-	28.38	-	23.84	-	2.542	-
HT20	MCS0	1	100	5500	18.33	-	28.72	-	23.63	-	29.63	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.43	-	28.97	-	23.66	-	29.66	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.28	-	29.72	-	23.62	-	29.62	-	23.98	-	----	----
HT20	MCS0	1	144	5720	14.19	-	20.53	-	22.52	-	28.52	-	23.98	-	2.542	-
HT40	MCS0	1	102	5510	36.56	-	42.44	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.96	-	55.56	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.76	-	42.53	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	142	5710	33.48	-	36.40	-	23.98	-	30.00	-	23.98	-	2.892	-
VHT80	MCS0	1	106	5530	76.72	-	84.24	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	76.96	-	86.63	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	138	5690	73.85	-	77.84	-	23.98	-	30.00	-	23.98	-	2.56	-

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.21	-	16.78	-		23.98	-	-1.20	-	30	Pass
11a	6Mbps	1	116	5580	0.21	-	16.77	-		23.98	-	-1.20	-	30	Pass
11a	6Mbps	1	140	5700	0.21	-	17.00	-		23.98	-	-1.20	-	30	Pass
11a	6Mbps	1	144	5720	0.21	-	17.01	-		23.84	-	-1.20	-	30	Pass
HT20	MCS0	1	100	5500	0.09	-	17.05	-		23.98	-	-1.20	-	30	Pass
HT20	MCS0	1	116	5580	0.09	-	16.99	-		23.98	-	-1.20	-	30	Pass
HT20	MCS0	1	140	5700	0.09	-	16.17	-		23.98	-	-1.20	-	30	Pass
HT20	MCS0	1	144	5720	0.09	-	16.74	-		23.98	-	-1.20	-	30	Pass
HT40	MCS0	1	102	5510	0.19	-	13.54	-		23.98	-	-1.20	-	30	Pass
HT40	MCS0	1	110	5550	0.19	-	17.09	-		23.98	-	-1.20	-	30	Pass
HT40	MCS0	1	134	5670	0.19	-	16.77	-		23.98	-	-1.20	-	30	Pass
HT40	MCS0	1	142	5710	0.19	-	16.72	-		23.98	-	-1.20	-	30	Pass
VHT20	MCS0	1	100	5500	0.09	-	17.00	-		23.98	-	-1.20	-	30	Pass
VHT20	MCS0	1	116	5580	0.09	-	16.97	-		23.98	-	-1.20	-	30	Pass
VHT20	MCS0	1	140	5700	0.09	-	16.08	-		23.98	-	-1.20	-	30	Pass
VHT20	MCS0	1	144	5720	0.09	-	16.73	-		23.98	-	-1.20	-	30	Pass
VHT40	MCS0	1	102	5510	0.18	-	13.50	-		23.98	-	-1.20	-	30	Pass
VHT40	MCS0	1	110	5550	0.18	-	17.05	-		23.98	-	-1.20	-	30	Pass
VHT40	MCS0	1	134	5670	0.18	-	16.68	-		23.98	-	-1.20	-	30	Pass
VHT40	MCS0	1	142	5710	0.18	-	16.70	-		23.98	-	-1.20	-	30	Pass
VHT80	MCS0	1	106	5530	0.36	-	11.52	-		23.98	-	-1.20	-	30	Pass
VHT80	MCS0	1	122	5610	0.36	-	15.96	-		23.98	-	-1.20	-	30	Pass
VHT80	MCS0	1	138	5690	0.36	-	15.60	-		23.98	-	-1.20	-	30	Pass

TEST RESULTS DATA
Power Spectral Density

Band III														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	0.21	-	5.61	-		11.00	-	-1.20	-	Pass
11a	6Mbps	1	116	5580	0.21	-	5.49	-		11.00	-	-1.20	-	Pass
11a	6Mbps	1	140	5700	0.21	-	5.78	-		11.00	-	-1.20	-	Pass
11a	6Mbps	1	144	5720	0.21	-	5.60	-		11.00	-	-1.20	-	Pass
HT20	MCS0	1	100	5500	0.09	-	5.13	-		11.00	-	-1.20	-	Pass
HT20	MCS0	1	116	5580	0.09	-	5.00	-		11.00	-	-1.20	-	Pass
HT20	MCS0	1	140	5700	0.09	-	4.28	-		11.00	-	-1.20	-	Pass
HT20	MCS0	1	144	5720	0.09	-	4.80	-		11.00	-	-1.20	-	Pass
HT40	MCS0	1	102	5510	0.19	-	-1.03	-		11.00	-	-1.20	-	Pass
HT40	MCS0	1	110	5550	0.19	-	2.61	-		11.00	-	-1.20	-	Pass
HT40	MCS0	1	134	5670	0.19	-	1.97	-		11.00	-	-1.20	-	Pass
HT40	MCS0	1	142	5710	0.19	-	2.02	-		11.00	-	-1.20	-	Pass
VHT80	MCS0	1	106	5530	0.36	-	-6.13	-		11.00	-	-1.20	-	Pass
VHT80	MCS0	1	122	5610	0.36	-	-1.76	-		11.00	-	-1.20	-	Pass
VHT80	MCS0	1	138	5690	0.36	-	-2.16	-		11.00	-	-1.20	-	Pass



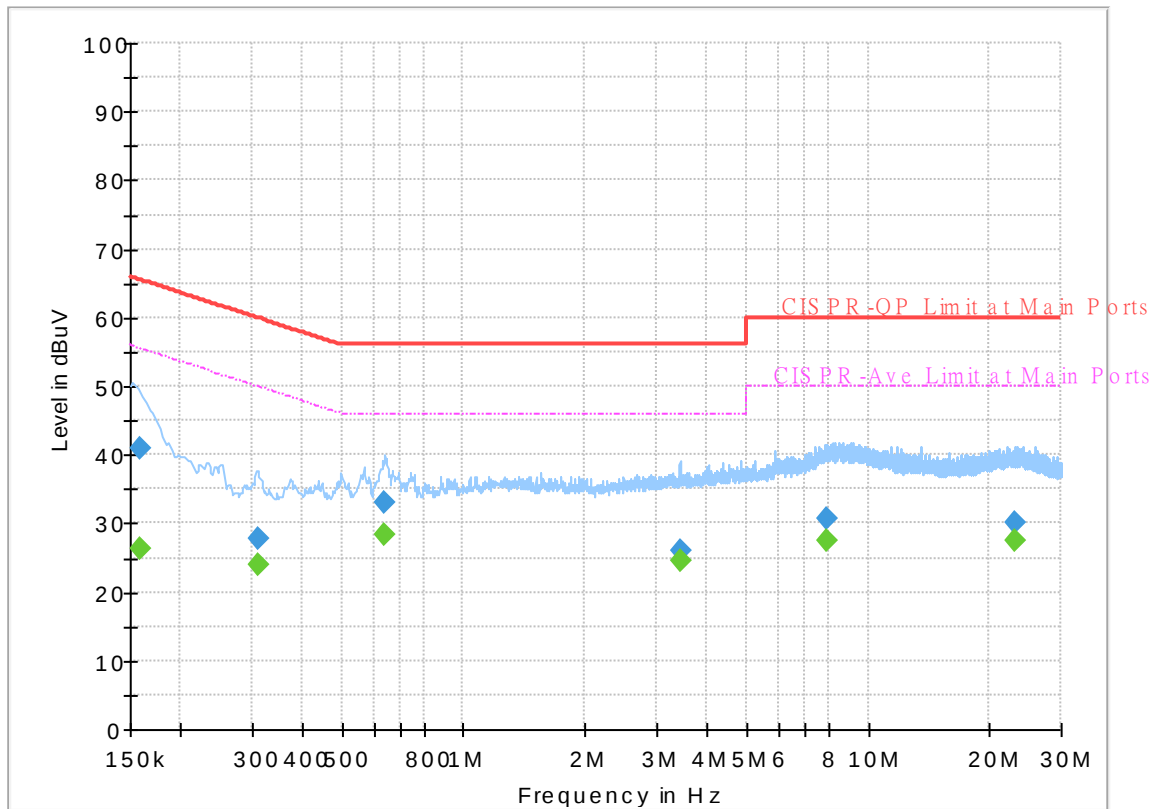
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Jimmy Chang	Temperature :	22~23℃
		Relative Humidity :	48~50%

EUT Information

Report NO : 8O2416-02
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



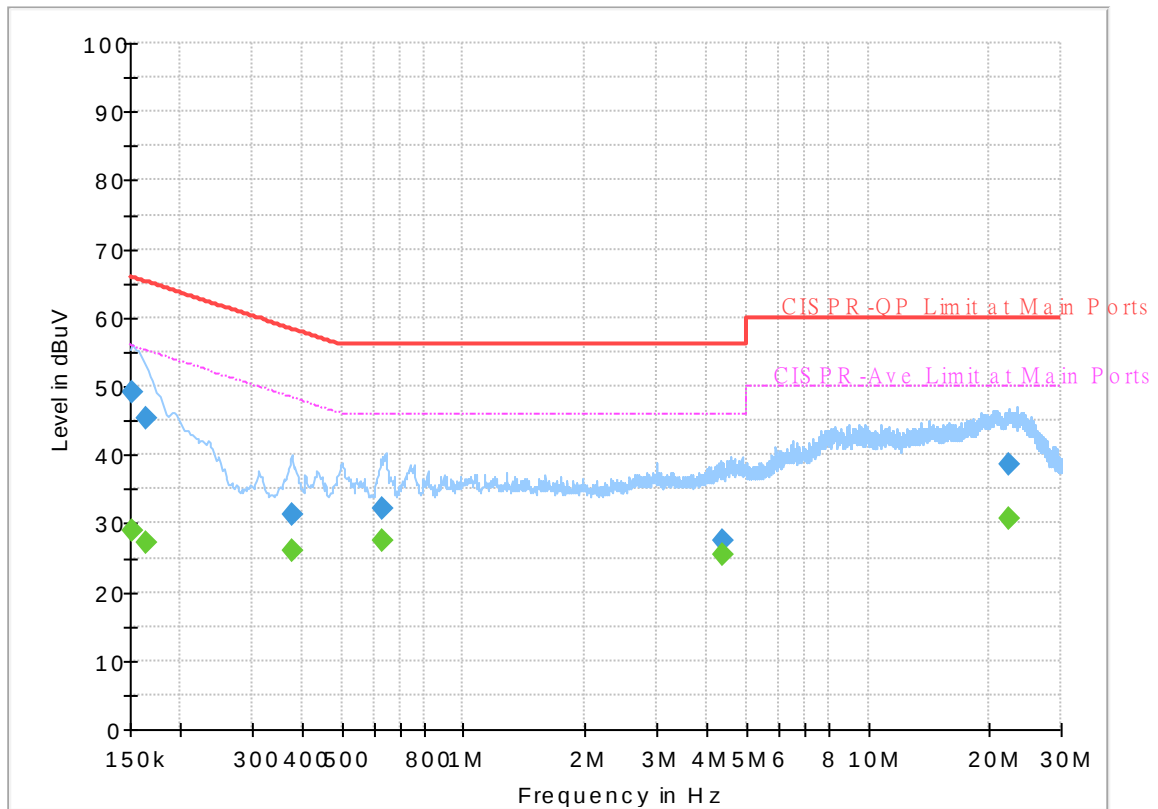
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	26.31	55.52	29.21	L1	OFF	19.5
0.159000	40.84	---	65.52	24.68	L1	OFF	19.5
0.309750	---	24.11	49.98	25.87	L1	OFF	19.5
0.309750	27.76	---	59.98	32.22	L1	OFF	19.5
0.640500	---	28.25	46.00	17.75	L1	OFF	19.6
0.640500	33.11	---	56.00	22.89	L1	OFF	19.6
3.423750	---	24.49	46.00	21.51	L1	OFF	19.7
3.423750	25.93	---	56.00	30.07	L1	OFF	19.7
7.887750	---	27.37	50.00	22.63	L1	OFF	19.8
7.887750	30.76	---	60.00	29.24	L1	OFF	19.8
23.122500	---	27.51	50.00	22.49	L1	OFF	20.3
23.122500	30.17	---	60.00	29.83	L1	OFF	20.3

EUT Information

Report NO : 8O2416-02
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)
0.152250	---	28.95	55.88	26.93	N	OFF	19.5
0.152250	49.16	---	65.88	16.72	N	OFF	19.5
0.163500	---	27.17	55.28	28.11	N	OFF	19.5
0.163500	45.20	---	65.28	20.08	N	OFF	19.5
0.377250	---	26.00	48.34	22.34	N	OFF	19.5
0.377250	31.40	---	58.34	26.94	N	OFF	19.5
0.631500	---	27.37	46.00	18.63	N	OFF	19.6
0.631500	32.09	---	56.00	23.91	N	OFF	19.6
4.368750	---	25.45	46.00	20.55	N	OFF	19.7
4.368750	27.36	---	56.00	28.64	N	OFF	19.7
22.366500	---	30.56	50.00	19.44	N	OFF	20.4
22.366500	38.52	---	60.00	21.48	N	OFF	20.4



Appendix C. Radiated Spurious Emission

Test Engineer :	Cr Liao, Nick Yu, and Andy Yang	Temperature :	22~25°C
		Relative Humidity :	50~54%

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	57.07	-16.93	74	41.61	31.63	13.21	29.38	181	64	P	H
		5150	48.09	-5.91	54	32.64	31.63	13.2	29.38	181	64	A	H
	*	5180	105.63	-	-	90.25	31.64	13.13	29.39	181	64	P	H
	*	5180	94.47	-	-	79.09	31.64	13.13	29.39	181	64	A	H
													H
													H
		5149.76	62.18	-11.82	74	46.73	31.63	13.2	29.38	251	2	P	V
		5149.76	50.17	-3.83	54	34.72	31.63	13.2	29.38	251	2	A	V
	*	5180	108.79	-	-	93.41	31.64	13.13	29.39	251	2	P	V
	*	5180	97.92	-	-	82.54	31.64	13.13	29.39	251	2	A	V
													V
													V
802.11a CH 44 5220MHz		5065.26	55.03	-18.97	74	39.39	31.61	13.4	29.37	179	60	P	H
		5147.16	43.88	-10.12	54	28.42	31.63	13.21	29.38	179	60	A	H
	*	5220	107.95	-	-	92.63	31.64	13.07	29.39	179	60	P	H
	*	5220	96.65	-	-	81.33	31.64	13.07	29.39	179	60	A	H
		5457.2	55.15	-18.85	74	39.74	31.69	13.15	29.43	179	60	P	H
		5451.6	43.8	-10.2	54	28.41	31.69	13.13	29.43	179	60	A	H
		5116.48	55.2	-18.8	74	39.67	31.62	13.28	29.37	261	13	P	V
		5055.64	43.99	-10.01	54	28.32	31.61	13.43	29.37	261	13	A	V
	*	5220	110.6	-	-	95.28	31.64	13.07	29.39	261	13	P	V
	*	5220	99.65	-	-	84.33	31.64	13.07	29.39	261	13	A	V
		5448.52	54.26	-19.74	74	38.87	31.69	13.12	29.42	261	13	P	V
		5377.96	43.65	-10.35	54	28.43	31.68	12.96	29.42	261	13	A	V



802.11a CH 48 5240MHz		5046.02	56.26	-17.74	74	40.57	31.61	13.45	29.37	178	62	P	H
		5007.54	43.91	-10.09	54	28.13	31.6	13.54	29.36	178	62	A	H
	*	5240	108.13	-	-	92.82	31.65	13.05	29.39	178	62	P	H
	*	5240	97.19	-	-	81.88	31.65	13.05	29.39	178	62	A	H
		5399.24	54.45	-19.55	74	39.24	31.68	12.95	29.42	178	62	P	H
		5437.04	43.53	-10.47	54	28.18	31.69	13.08	29.42	178	62	A	H
		5126.36	56.11	-17.89	74	40.6	31.63	13.26	29.38	261	11	P	V
		5004.94	43.9	-10.1	54	28.11	31.6	13.55	29.36	261	11	A	V
	*	5240	110.94	-	-	95.63	31.65	13.05	29.39	261	11	P	V
	*	5240	99.86	-	-	84.55	31.65	13.05	29.39	261	11	A	V
		5364.52	54.79	-19.21	74	39.56	31.67	12.97	29.41	261	11	P	V
		5459.44	43.7	-10.3	54	28.28	31.69	13.16	29.43	261	11	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	49.22	-18.98	68.2	53.06	39.48	17.48	60.8	100	0	P	H
		15540	45.36	-28.64	74	46.73	37.89	21.51	60.77	100	0	P	H
													H
													H
		10360	48.5	-19.7	68.2	52.34	39.48	17.48	60.8	100	0	P	V
		15540	45.38	-28.62	74	46.75	37.89	21.51	60.77	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	49.78	-18.42	68.2	53.55	39.6	17.55	60.92	100	0	P	H
		15660	44.87	-29.13	74	46.46	37.55	21.53	60.67	100	0	P	H
													H
													H
		10440	48.14	-20.06	68.2	51.91	39.6	17.55	60.92	100	0	P	V
		15660	48.14	-25.86	74	49.73	37.55	21.53	60.67	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.45	-21.75	68.2	50.17	39.67	17.58	60.97	100	0	P	H
		15720	44.54	-29.46	74	46.24	37.38	21.54	60.62	100	0	P	H
													H
													H
		10480	46.87	-21.33	68.2	50.59	39.67	17.58	60.97	100	0	P	V
		15720	44.58	-29.42	74	46.28	37.38	21.54	60.62	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5150	55.35	-18.65	74	39.9	31.63	13.2	29.38	183	59	P	H
		5150	45.33	-8.67	54	29.88	31.63	13.2	29.38	183	59	A	H
	*	5180	103.89	-	-	88.51	31.64	13.13	29.39	183	59	P	H
	*	5180	93.62	-	-	78.24	31.64	13.13	29.39	183	59	A	H
													H
													H
		5149.76	60.97	-13.03	74	45.52	31.63	13.2	29.38	197	17	P	V
		5150	50.03	-3.97	54	34.58	31.63	13.2	29.38	197	17	A	V
	*	5180	108.9	-	-	93.52	31.64	13.13	29.39	197	17	P	V
	*	5180	98.82	-	-	83.44	31.64	13.13	29.39	197	17	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5014.56	55.04	-18.96	74	39.27	31.6	13.53	29.36	170	69	P	H
		5057.72	42.14	-11.86	54	26.48	31.61	13.42	29.37	170	69	A	H
	*	5220	107.11	-	-	91.79	31.64	13.07	29.39	170	69	P	H
	*	5220	97.02	-	-	81.7	31.64	13.07	29.39	170	69	A	H
		5437.04	54.81	-19.19	74	39.46	31.69	13.08	29.42	170	69	P	H
		5413.52	41.78	-12.22	54	26.52	31.68	13	29.42	170	69	A	H
		5054.86	55.25	-18.75	74	39.58	31.61	13.43	29.37	192	13	P	V
		5150	42.91	-11.09	54	27.46	31.63	13.2	29.38	192	13	A	V
	*	5220	112.15	-	-	96.83	31.64	13.07	29.39	192	13	P	V
	*	5220	101.68	-	-	86.36	31.64	13.07	29.39	192	13	A	V
		5390.56	54.31	-19.69	74	39.09	31.68	12.96	29.42	192	13	P	V
		5351.08	42.27	-11.73	54	27.03	31.67	12.98	29.41	192	13	A	V



802.11n HT20 CH 48 5240MHz		5024.44	54.89	-19.11	74	39.15	31.6	13.5	29.36	190	55	P	H
		5063.44	42.07	-11.93	54	26.42	31.61	13.41	29.37	190	55	A	H
	*	5240	107.04	-	-	91.73	31.65	13.05	29.39	190	55	P	H
	*	5240	96.87	-	-	81.56	31.65	13.05	29.39	190	55	A	H
		5445.72	54.05	-19.95	74	38.67	31.69	13.11	29.42	190	55	P	H
		5425.56	41.78	-12.22	54	26.47	31.69	13.04	29.42	190	55	A	H
		5029.38	54.9	-19.1	74	39.16	31.61	13.49	29.36	194	18	P	V
		5147.68	42.25	-11.75	54	26.79	31.63	13.21	29.38	194	18	A	V
	*	5240	112.06	-	-	96.75	31.65	13.05	29.39	194	18	P	V
	*	5240	101.66	-	-	86.35	31.65	13.05	29.39	194	18	A	V
		5367.88	55.59	-18.41	74	40.36	31.67	12.97	29.41	194	18	P	V
		5350	42.44	-11.56	54	27.2	31.67	12.98	29.41	194	18	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	46.72	-21.48	68.2	50.56	39.48	17.48	60.8	100	0	P	H
		15540	46.86	-27.14	74	48.23	37.89	21.51	60.77	100	0	P	H
													H
													H
		10360	47.27	-20.93	68.2	51.11	39.48	17.48	60.8	100	0	P	V
		15540	45.51	-28.49	74	46.88	37.89	21.51	60.77	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	47.99	-20.21	68.2	51.76	39.6	17.55	60.92	100	0	P	H
		15660	44.15	-29.85	74	45.74	37.55	21.53	60.67	100	0	P	H
													H
													H
		10440	49	-19.2	68.2	52.77	39.6	17.55	60.92	100	0	P	V
		15660	44.98	-29.02	74	46.57	37.55	21.53	60.67	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	46.52	-21.68	68.2	50.24	39.67	17.58	60.97	100	0	P	H
		15720	45.04	-28.96	74	46.74	37.38	21.54	60.62	100	0	P	H
													H
													H
		10480	46.77	-21.43	68.2	50.49	39.67	17.58	60.97	100	0	P	V
		15720	44.57	-29.43	74	46.27	37.38	21.54	60.62	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.5	56.61	-17.39	74	41.16	31.63	13.2	29.38	170	70	P	H
		5150	47	-7	54	31.55	31.63	13.2	29.38	170	70	A	H
	*	5190	99.68	-	-	84.33	31.64	13.1	29.39	170	70	P	H
	*	5190	88.42	-	-	73.07	31.64	13.1	29.39	170	70	A	H
		5411	53.91	-20.09	74	38.66	31.68	12.99	29.42	170	70	P	H
		5432.84	43.14	-10.86	54	27.8	31.69	13.07	29.42	170	70	A	H
		5147.94	59.02	-14.98	74	43.57	31.63	13.2	29.38	201	17	P	V
		5150	50.47	-3.53	54	35.02	31.63	13.2	29.38	201	17	A	V
	*	5190	104.22	-	-	88.87	31.64	13.1	29.39	201	17	P	V
	*	5190	92.69	-	-	77.34	31.64	13.1	29.39	201	17	A	V
		5416.32	54.74	-19.26	74	39.47	31.68	13.01	29.42	201	17	P	V
		5438.44	43.2	-10.8	54	27.84	31.69	13.09	29.42	201	17	A	V
802.11n HT40 CH 46 5230MHz		5019.5	55.11	-18.89	74	39.36	31.6	13.51	29.36	185	48	P	H
		5150	43.92	-10.08	54	28.47	31.63	13.2	29.38	185	48	A	H
	*	5230	103.54	-	-	88.22	31.65	13.06	29.39	185	48	P	H
	*	5230	92.33	-	-	77.01	31.65	13.06	29.39	185	48	A	H
		5427.8	54.89	-19.11	74	39.57	31.69	13.05	29.42	185	48	P	H
		5431.72	43.33	-10.67	54	28	31.69	13.06	29.42	185	48	A	H
		5149.5	56.34	-17.66	74	40.89	31.63	13.2	29.38	164	10	P	V
		5147.68	46.52	-7.48	54	31.06	31.63	13.21	29.38	164	10	A	V
	*	5230	108.57	-	-	93.25	31.65	13.06	29.39	164	10	P	V
	*	5230	97.58	-	-	82.26	31.65	13.06	29.39	164	10	A	V
		5361.16	54.73	-19.27	74	39.49	31.67	12.98	29.41	164	10	P	V
		5350.24	43.64	-10.36	54	28.4	31.67	12.98	29.41	164	10	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	47.18	-21.02	68.2	51	39.51	17.5	60.83	100	0	P	H
		15570	45.55	-28.45	74	46.97	37.8	21.52	60.74	100	0	P	H
													H
													H
		10380	47.25	-20.95	68.2	51.07	39.51	17.5	60.83	100	0	P	V
		15570	45.26	-28.74	74	46.68	37.8	21.52	60.74	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	46	-22.2	68.2	49.74	39.64	17.56	60.94	100	0	P	H
		15690	44.32	-29.68	74	45.96	37.47	21.54	60.65	100	0	P	H
													H
													H
		10460	45.85	-22.35	68.2	49.59	39.64	17.56	60.94	100	0	P	V
		15690	44.19	-29.81	74	45.83	37.47	21.54	60.65	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5143.52	55.99	-18.01	74	40.52	31.63	13.22	29.38	180	59	P	H
		5149.76	45.98	-8.02	54	30.53	31.63	13.2	29.38	180	59	A	H
	*	5210	95.47	-	-	80.15	31.64	13.07	29.39	180	59	P	H
	*	5210	83.92	-	-	68.6	31.64	13.07	29.39	180	59	A	H
		5358.64	53.23	-20.77	74	37.99	31.67	12.98	29.41	180	59	P	H
		5374.88	43.1	-10.9	54	27.88	31.67	12.97	29.42	180	59	A	H
		5150	59.59	-14.41	74	44.14	31.63	13.2	29.38	183	15	P	V
		5148.72	50.12	-3.88	54	34.67	31.63	13.2	29.38	183	15	A	V
	*	5210	100.94	-	-	85.62	31.64	13.07	29.39	183	15	P	V
	*	5210	89.39	-	-	74.07	31.64	13.07	29.39	183	15	A	V
		5350.24	55.14	-18.86	74	39.9	31.67	12.98	29.41	183	15	P	V
		5361.16	43.41	-10.59	54	28.17	31.67	12.98	29.41	183	15	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	46.74	-21.46	68.2	50.53	39.57	17.53	60.89	100	0	P	H
		15630	46.21	-27.79	74	47.74	37.64	21.53	60.7	100	0	P	H
													H
													H
		10420	46.66	-21.54	68.2	50.45	39.57	17.53	60.89	100	0	P	V
		15630	45.15	-28.85	74	46.68	37.64	21.53	60.7	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 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		5046.58	54.94	-19.06	74	39.25	31.61	13.45	29.37	186	12	P	H
		5101.66	43.82	-10.18	54	28.25	31.62	13.32	29.37	186	12	A	H
	*	5260	108.5	-	-	93.21	31.65	13.04	29.4	186	12	P	H
	*	5260	97.4	-	-	82.11	31.65	13.04	29.4	186	12	A	H
		5392.56	54.43	-19.57	74	39.22	31.68	12.95	29.42	186	12	P	H
		5352.24	43.78	-10.22	54	28.54	31.67	12.98	29.41	186	12	A	H
		5046.92	55.95	-18.05	74	40.26	31.61	13.45	29.37	193	49	P	V
		5061.54	44.14	-9.86	54	28.49	31.61	13.41	29.37	193	49	A	V
	*	5260	111.02	-	-	95.73	31.65	13.04	29.4	193	49	P	V
	*	5260	100	-	-	84.71	31.65	13.04	29.4	193	49	A	V
		5437.2	55.39	-18.61	74	40.04	31.69	13.08	29.42	193	49	P	V
		5389.2	44.01	-9.99	54	28.79	31.68	12.96	29.42	193	49	A	V
802.11a CH 60 5300MHz		5018.02	55.47	-18.53	74	39.71	31.6	13.52	29.36	184	14	P	H
		5041.48	43.92	-10.08	54	28.21	31.61	13.46	29.36	184	14	A	H
	*	5300	109.45	-	-	94.18	31.66	13.01	29.4	184	14	P	H
	*	5300	98.41	-	-	83.14	31.66	13.01	29.4	184	14	A	H
		5353.44	54.58	-19.42	74	39.34	31.67	12.98	29.41	184	14	P	H
		5352.72	45.15	-8.85	54	29.91	31.67	12.98	29.41	184	14	A	H
		5127.5	55.07	-18.93	74	39.57	31.63	13.25	29.38	179	50	P	V
		5055.42	43.93	-10.07	54	28.26	31.61	13.43	29.37	179	50	A	V
	*	5300	111.27	-	-	96	31.66	13.01	29.4	179	50	P	V
	*	5300	100.11	-	-	84.84	31.66	13.01	29.4	179	50	A	V
		5353.92	56.09	-17.91	74	40.85	31.67	12.98	29.41	179	50	P	V
		5352.96	45.85	-8.15	54	30.61	31.67	12.98	29.41	179	50	A	V



802.11a CH 64 5320MHz	*	5320	109.73	-	-	94.47	31.66	13	29.4	186	52	P	H
	*	5320	98.81	-	-	83.55	31.66	13	29.4	186	52	A	H
		5352.8	56.83	-17.17	74	41.59	31.67	12.98	29.41	186	52	P	H
		5350.72	46.84	-7.16	54	31.6	31.67	12.98	29.41	186	52	A	H
													H
													H
	*	5320	111.24	-	-	95.98	31.66	13	29.4	189	46	P	V
	*	5320	100.61	-	-	85.35	31.66	13	29.4	189	46	A	V
		5352.64	59	-15	74	43.76	31.67	12.98	29.41	189	46	P	V
		5351.04	47.69	-6.31	54	32.45	31.67	12.98	29.41	189	46	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.37	-19.83	68.2	52.06	39.72	17.61	61.02	100	0	P	H
		15780	43.74	-30.26	74	45.54	37.22	21.56	60.58	100	0	P	H
													H
													H
		10520	47.73	-20.47	68.2	51.42	39.72	17.61	61.02	100	0	P	V
		15780	43.96	-30.04	74	45.76	37.22	21.56	60.58	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	48.87	-25.13	74	52.49	39.8	17.68	61.1	100	0	P	H
		15900	43.54	-30.46	74	45.56	36.88	21.58	60.48	100	0	P	H
													H
													H
		10600	48.23	-25.77	74	51.85	39.8	17.68	61.1	100	0	P	V
		15900	43.81	-30.19	74	45.83	36.88	21.58	60.48	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	48.91	-25.09	74	52.51	39.84	17.7	61.14	100	0	P	H
		15960	43.76	-30.24	74	45.89	36.71	21.59	60.43	100	0	P	H
													H
													H
		10640	48.71	-25.29	74	52.31	39.84	17.7	61.14	100	0	P	V
		15960	43.59	-30.41	74	45.72	36.71	21.59	60.43	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5033.66	55.66	-18.34	74	39.93	31.61	13.48	29.36	160	15	P	H
		5057.8	42.72	-11.28	54	27.06	31.61	13.42	29.37	160	15	A	H
	*	5260	107.92	-	-	92.63	31.65	13.04	29.4	160	15	P	H
	*	5260	97.73	-	-	82.44	31.65	13.04	29.4	160	15	A	H
		5433.12	54.93	-19.07	74	39.59	31.69	13.07	29.42	160	15	P	H
		5350.56	42.7	-11.3	54	27.46	31.67	12.98	29.41	160	15	A	H
		5039.1	55.22	-18.78	74	39.5	31.61	13.47	29.36	182	49	P	V
		5057.46	42.74	-11.26	54	27.08	31.61	13.42	29.37	182	49	A	V
	*	5260	110.89	-	-	95.6	31.65	13.04	29.4	182	49	P	V
	*	5260	100.7	-	-	85.41	31.65	13.04	29.4	182	49	A	V
		5421.36	54.3	-19.7	74	39.01	31.68	13.03	29.42	182	49	P	V
		5350.32	43.03	-10.97	54	27.79	31.67	12.98	29.41	182	49	A	V
802.11n HT20 CH 60 5300MHz		5057.12	55.74	-18.26	74	40.08	31.61	13.42	29.37	181	13	P	H
		5055.76	42.7	-11.3	54	27.03	31.61	13.43	29.37	181	13	A	H
	*	5300	109.03	-	-	93.76	31.66	13.01	29.4	181	13	P	H
	*	5300	98.88	-	-	83.61	31.66	13.01	29.4	181	13	A	H
		5359.92	55.14	-18.86	74	39.9	31.67	12.98	29.41	181	13	P	H
		5350.8	44.44	-9.56	54	29.2	31.67	12.98	29.41	181	13	A	H
		5041.14	54.93	-19.07	74	39.22	31.61	13.46	29.36	176	50	P	V
		5051	42.77	-11.23	54	27.09	31.61	13.44	29.37	176	50	A	V
	*	5300	111.66	-	-	96.39	31.66	13.01	29.4	176	50	P	V
	*	5300	101.6	-	-	86.33	31.66	13.01	29.4	176	50	A	V
		5352.96	55.65	-18.35	74	40.41	31.67	12.98	29.41	176	50	P	V
		5350.8	45.11	-8.89	54	29.87	31.67	12.98	29.41	176	50	A	V



802.11n HT20 CH 64 5320MHz	*	5320	109.38	-	-	94.12	31.66	13	29.4	182	13	P	H
	*	5320	99.2	-	-	83.94	31.66	13	29.4	182	13	A	H
		5355.2	57.62	-16.38	74	42.38	31.67	12.98	29.41	182	13	P	H
		5350.08	46.45	-7.55	54	31.21	31.67	12.98	29.41	182	13	A	H
													H
													H
	*	5320	111.46	-	-	96.2	31.66	13	29.4	177	50	P	V
	*	5320	101.21	-	-	85.95	31.66	13	29.4	177	50	A	V
		5357.44	56.97	-17.03	74	41.73	31.67	12.98	29.41	177	50	P	V
		5350.08	47.19	-6.81	54	31.95	31.67	12.98	29.41	177	50	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	48.7	-19.5	68.2	52.39	39.72	17.61	61.02	100	0	P	H
		15780	43.34	-30.66	74	45.14	37.22	21.56	60.58	100	0	P	H
													H
													H
		10520	47.63	-20.57	68.2	51.32	39.72	17.61	61.02	100	0	P	V
		15780	43.78	-30.22	74	45.58	37.22	21.56	60.58	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	47.93	-26.07	74	51.55	39.8	17.68	61.1	100	0	P	H
		15900	43.59	-30.41	74	45.61	36.88	21.58	60.48	100	0	P	H
													H
													H
		10600	47.3	-26.7	74	50.92	39.8	17.68	61.1	100	0	P	V
		15900	43.28	-30.72	74	45.3	36.88	21.58	60.48	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	46.45	-27.55	74	50.05	39.84	17.7	61.14	100	0	P	H
		15960	43.96	-30.04	74	46.09	36.71	21.59	60.43	100	0	P	H
													H
													H
		10640	46.31	-27.69	74	49.91	39.84	17.7	61.14	100	0	P	V
		15960	44.05	-29.95	74	46.18	36.71	21.59	60.43	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5060.18	55.4	-18.6	74	39.74	31.61	13.42	29.37	188	12	P	H
		5041.14	43.89	-10.11	54	28.18	31.61	13.46	29.36	188	12	A	H
	*	5270	105.39	-	-	90.11	31.65	13.03	29.4	188	12	P	H
	*	5270	94.43	-	-	79.15	31.65	13.03	29.4	188	12	A	H
		5353.68	54.55	-19.45	74	39.31	31.67	12.98	29.41	188	12	P	H
		5351.04	45.2	-8.8	54	29.96	31.67	12.98	29.41	188	12	A	H
		5138.04	55.23	-18.77	74	39.75	31.63	13.23	29.38	175	47	P	V
		5057.8	44.03	-9.97	54	28.37	31.61	13.42	29.37	175	47	A	V
	*	5270	107.38	-	-	92.1	31.65	13.03	29.4	175	47	P	V
	*	5270	96.37	-	-	81.09	31.65	13.03	29.4	175	47	A	V
		5353.68	56.14	-17.86	74	40.9	31.67	12.98	29.41	175	47	P	V
		5350.56	45.64	-8.36	54	30.4	31.67	12.98	29.41	175	47	A	V
802.11n HT40 CH 62 5310MHz		5066.64	55.55	-18.45	74	39.91	31.61	13.4	29.37	159	12	P	H
		5036.72	43.95	-10.05	54	28.23	31.61	13.47	29.36	159	12	A	H
	*	5310	100.49	-	-	85.22	31.66	13.01	29.4	159	12	P	H
	*	5310	89.68	-	-	74.41	31.66	13.01	29.4	159	12	A	H
		5354.64	57.43	-16.57	74	42.19	31.67	12.98	29.41	159	12	P	H
		5350.8	48.15	-5.85	54	32.91	31.67	12.98	29.41	159	12	A	H
		5089.76	54.36	-19.64	74	38.77	31.62	13.34	29.37	167	53	P	V
		5033.32	43.92	-10.08	54	28.19	31.61	13.48	29.36	167	53	A	V
	*	5310	103.31	-	-	88.04	31.66	13.01	29.4	167	53	P	V
	*	5310	91.76	-	-	76.49	31.66	13.01	29.4	167	53	A	V
		5350.32	59.18	-14.82	74	43.94	31.67	12.98	29.41	167	53	P	V
		5351.04	49.22	-4.78	54	33.98	31.67	12.98	29.41	167	53	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	46.42	-21.78	68.2	50.09	39.74	17.63	61.04	100	0	P	H
		15810	43.97	-30.03	74	45.82	37.13	21.57	60.55	100	0	P	H
													H
													H
		10540	46.83	-21.37	68.2	50.5	39.74	17.63	61.04	100	0	P	V
		15810	43.97	-30.03	74	45.82	37.13	21.57	60.55	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	47.01	-26.99	74	50.62	39.82	17.69	61.12	100	0	P	H
		15960	43.48	-30.52	74	45.61	36.71	21.59	60.43	100	0	P	H
													H
													H
		10620	46.8	-27.2	74	50.41	39.82	17.69	61.12	100	0	P	V
		15960	43.48	-30.52	74	45.61	36.71	21.59	60.43	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5015.64	55.03	-18.97	74	39.27	31.6	13.52	29.36	161	11	P	H
		5042.5	43.85	-10.15	54	28.15	31.61	13.46	29.37	161	11	A	H
	*	5290	98.36	-	-	83.08	31.66	13.02	29.4	161	11	P	H
	*	5290	86.85	-	-	71.57	31.66	13.02	29.4	161	11	A	H
		5350.56	62.12	-11.88	74	46.88	31.67	12.98	29.41	161	11	P	H
		5351.28	50.95	-3.05	54	35.71	31.67	12.98	29.41	161	11	A	H
		5053.72	55	-19	74	39.33	31.61	13.43	29.37	157	54	P	V
		5036.38	43.87	-10.13	54	28.15	31.61	13.47	29.36	157	54	A	V
	*	5290	97.45	-	-	82.17	31.66	13.02	29.4	157	54	P	V
		5350.32	58.94	-15.06	74	43.7	31.67	12.98	29.41	157	54	P	V
		5353.2	50.37	-3.63	54	35.13	31.67	12.98	29.41	157	54	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	46.69	-21.51	68.2	50.33	39.78	17.66	61.08	100	0	P	H
		15870	42.92	-31.08	74	44.88	36.96	21.58	60.5	100	0	P	H
													H
													H
		10580	47.95	-20.25	68.2	51.59	39.78	17.66	61.08	100	0	P	V
		15870	43.37	-30.63	74	45.33	36.96	21.58	60.5	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
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 100 5500MHz		5458	56	-18	74	40.58	31.69	13.16	29.43	100	14	P	H
		5466.96	56.63	-11.57	68.2	41.18	31.69	13.19	29.43	100	14	P	H
		5460	44.12	-9.88	54	28.7	31.69	13.16	29.43	100	14	A	H
	*	5500	105.19	-	-	89.61	31.7	13.31	29.43	100	14	P	H
	*	5500	94.07	-	-	78.49	31.7	13.31	29.43	100	14	A	H
													H
		5448.88	56.6	-17.4	74	41.21	31.69	13.12	29.42	178	27	P	V
		5468.56	58.21	-9.99	68.2	42.76	31.69	13.19	29.43	178	27	P	V
		5455.44	45.6	-8.4	54	30.19	31.69	13.15	29.43	178	27	A	V
	*	5500	110.74	-	-	95.16	31.7	13.31	29.43	178	27	P	V
	*	5500	99.74	-	-	84.16	31.7	13.31	29.43	178	27	A	V
													V
802.11a CH 116 5580MHz		5435.44	54.65	-19.35	74	39.3	31.69	13.08	29.42	100	7	P	H
		5462.56	53.86	-14.34	68.2	38.43	31.69	13.17	29.43	100	7	P	H
		5459.2	43.97	-10.03	54	28.55	31.69	13.16	29.43	100	7	A	H
	*	5580	103.31	-	-	87.37	31.83	13.59	29.48	100	7	P	H
	*	5580	95.44	-	-	79.5	31.83	13.59	29.48	100	7	A	H
		5753.975	55.65	-12.55	68.2	39.02	32.11	14.08	29.56	100	7	P	H
		5435.92	54.78	-19.22	74	39.43	31.69	13.08	29.42	175	18	P	V
		5466.16	54.99	-13.21	68.2	39.55	31.69	13.18	29.43	175	18	P	V
		5443.84	44.59	-9.41	54	29.21	31.69	13.11	29.42	175	18	A	V
	*	5580	110.71	-	-	94.77	31.83	13.59	29.48	175	18	P	V
	*	5580	102.33	-	-	86.39	31.83	13.59	29.48	175	18	A	V
		5754.605	56.54	-11.66	68.2	39.91	32.11	14.08	29.56	175	18	P	V



802.11a CH 140 5700MHz	*	5700	107.26	-	-	90.84	32.02	13.93	29.53	134	16	P	H
	*	5700	99	-	-	82.58	32.02	13.93	29.53	134	16	A	H
		5726.36	59.8	-8.4	68.2	43.28	32.06	14	29.54	134	16	P	H
													H
													H
													H
	*	5700	111.4	-	-	94.98	32.02	13.93	29.53	200	307	P	V
	*	5700	102.82	-	-	86.4	32.02	13.93	29.53	200	307	A	V
		5725.48	65.18	-3.02	68.2	48.66	32.06	14	29.54	200	307	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	46.68	-27.32	74	49.99	40.2	17.99	61.5	100	0	P	H
		16500	46.42	-21.78	68.2	44.94	38.9	22.28	59.7	100	0	P	H
													H
													H
		11000	46.75	-27.25	74	50.06	40.2	17.99	61.5	100	0	P	V
		16500	46.31	-21.89	68.2	44.83	38.9	22.28	59.7	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11158	47.18	-26.82	74	50.43	40.11	18.11	61.47	400	0	P	H
		16735	47.27	-20.93	68.2	44.01	39.75	22.6	59.09	400	0	P	H
													H
													H
		11158	47.22	-26.78	74	50.47	40.11	18.11	61.47	100	0	P	V
		16735	47.08	-21.12	68.2	43.82	39.75	22.6	59.09	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11440	46.95	-27.05	74	50.09	39.94	18.33	61.41	100	0	P	H
		17100	49.35	-18.85	68.2	43.32	41.08	23.09	58.14	100	0	P	H
													H
													H
		11440	47.05	-26.95	74	50.19	39.94	18.33	61.41	100	0	P	V
		17100	48.94	-19.26	68.2	42.91	41.08	23.09	58.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5434.64	55.05	-18.95	74	39.71	31.69	13.07	29.42	186	55	P	H
		5468.56	59.34	-8.86	68.2	43.89	31.69	13.19	29.43	186	55	P	H
		5460	43.8	-10.2	54	28.38	31.69	13.16	29.43	186	55	A	H
	*	5500	107.43	-	-	91.85	31.7	13.31	29.43	186	55	P	H
	*	5500	98.75	-	-	83.17	31.7	13.31	29.43	186	55	A	H
													H
		5460.08	55.68	-12.52	68.2	40.26	31.69	13.16	29.43	183	22	P	V
		5468.4	62.42	-5.78	68.2	46.97	31.69	13.19	29.43	183	22	P	V
		5460	45.31	-8.69	54	29.89	31.69	13.16	29.43	183	22	A	V
	*	5500	110.29	-	-	94.71	31.7	13.31	29.43	183	22	P	V
	*	5500	101.9	-	-	86.32	31.7	13.31	29.43	183	22	A	V
													V
802.11n HT20 CH 116 5580MHz		5408.32	53.55	-20.45	74	38.31	31.68	12.98	29.42	189	54	P	H
		5461.36	53.19	-15.01	68.2	37.76	31.69	13.17	29.43	189	54	P	H
		5454.88	42.13	-11.87	54	26.73	31.69	13.14	29.43	189	54	A	H
	*	5580	106.57	-	-	90.63	31.83	13.59	29.48	189	54	P	H
	*	5580	97.79	-	-	81.85	31.83	13.59	29.48	189	54	A	H
		5758.07	54.65	-13.55	68.2	38.02	32.11	14.09	29.57	189	54	P	H
		5363.92	54.5	-19.5	74	39.27	31.67	12.97	29.41	185	20	P	V
		5469.76	54.35	-13.85	68.2	38.89	31.69	13.2	29.43	185	20	P	V
		5456.8	42.35	-11.65	54	26.94	31.69	13.15	29.43	185	20	A	V
	*	5580	109.94	-	-	94	31.83	13.59	29.48	185	20	P	V
	*	5580	101.17	-	-	85.23	31.83	13.59	29.48	185	20	A	V
		5761.22	55.41	-12.79	68.2	38.76	32.12	14.1	29.57	185	20	P	V



802.11n HT20 CH 140 5700MHz	*	5700	106.08	-	-	89.66	32.02	13.93	29.53	147	16	P	H
	*	5700	97.25	-	-	80.83	32.02	13.93	29.53	147	16	A	H
		5725	61.91	-6.29	68.2	45.39	32.06	14	29.54	147	16	P	H
													H
													H
													H
	*	5700	109.64	-	-	93.22	32.02	13.93	29.53	197	313	P	V
	*	5700	101.22	-	-	84.8	32.02	13.93	29.53	197	313	A	V
		5725.16	65.05	-3.15	68.2	48.53	32.06	14	29.54	197	313	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	47.06	-26.94	74	50.37	40.2	17.99	61.5	100	0	P	H
		16500	46.33	-21.87	68.2	44.85	38.9	22.28	59.7	100	0	P	H
													H
													H
		11000	47.64	-26.36	74	50.95	40.2	17.99	61.5	100	0	P	V
		16500	46.78	-21.42	68.2	45.3	38.9	22.28	59.7	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	46.93	-27.07	74	50.18	40.1	18.12	61.47	100	0	P	H
		16740	46.62	-21.58	68.2	43.34	39.76	22.6	59.08	100	0	P	H
													H
													H
		11160	48.32	-25.68	74	51.57	40.1	18.12	61.47	100	0	P	V
		16740	46.74	-21.46	68.2	43.46	39.76	22.6	59.08	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	46.7	-27.3	74	49.86	39.96	18.3	61.42	100	0	P	H
		17100	49.95	-18.25	68.2	43.92	41.08	23.09	58.14	100	0	P	H
													H
													H
		11400	47.05	-26.95	74	50.21	39.96	18.3	61.42	100	0	P	V
		17100	49.39	-18.81	68.2	43.36	41.08	23.09	58.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5459.44	57.12	-16.88	74	41.7	31.69	13.16	29.43	138	15	P	H
		5469.76	63.15	-5.05	68.2	47.69	31.69	13.2	29.43	138	15	P	H
		5459.92	47.09	-6.91	54	31.67	31.69	13.16	29.43	138	15	A	H
	*	5510	101.47	-	-	85.85	31.72	13.34	29.44	138	15	P	H
	*	5510	92.9	-	-	77.28	31.72	13.34	29.44	138	15	A	H
		5753.975	56.45	-11.75	68.2	39.82	32.11	14.08	29.56	138	15	P	H
		5459.68	58.34	-15.66	74	42.92	31.69	13.16	29.43	210	30	P	V
		5467.6	64.18	-4.02	68.2	48.73	31.69	13.19	29.43	210	30	P	V
		5459.92	46.91	-7.09	54	31.49	31.69	13.16	29.43	210	30	A	V
	*	5510	102.83	-	-	87.21	31.72	13.34	29.44	210	30	P	V
	*	5510	94.52	-	-	78.9	31.72	13.34	29.44	210	30	A	V
		5762.165	55.71	-12.49	68.2	39.06	32.12	14.1	29.57	210	30	P	V
802.11n HT40 CH 110 5550MHz		5429.68	54.24	-19.76	74	38.91	31.69	13.06	29.42	127	15	P	H
		5465.68	53.62	-14.58	68.2	38.18	31.69	13.18	29.43	127	15	P	H
		5459.92	43.54	-10.46	54	28.12	31.69	13.16	29.43	127	15	A	H
	*	5550	104.23	-	-	88.42	31.78	13.48	29.45	127	15	P	H
	*	5550	92.62	-	-	76.81	31.78	13.48	29.45	127	15	A	H
		5746.1	55.31	-12.89	68.2	38.73	32.09	14.05	29.56	127	15	P	H
		5453.92	54.78	-19.22	74	39.38	31.69	13.14	29.43	192	27	P	V
		5463.76	54.91	-13.29	68.2	39.47	31.69	13.18	29.43	192	27	P	V
		5451.04	43.85	-10.15	54	28.46	31.69	13.13	29.43	192	27	A	V
	*	5550	106.79	-	-	90.98	31.78	13.48	29.45	192	27	P	V
	*	5550	95.26	-	-	79.45	31.78	13.48	29.45	192	27	A	V
		5736.965	54.91	-13.29	68.2	38.36	32.08	14.03	29.56	192	27	P	V



802.11n HT40 CH 134 5670MHz		5370.3	55.92	-18.08	74	40.69	31.67	12.97	29.41	151	14	P	H
		5469.35	54.37	-13.83	68.2	38.91	31.69	13.2	29.43	151	14	P	H
		5399.35	43.03	-10.97	54	27.82	31.68	12.95	29.42	151	14	A	H
	*	5670	102.2	-	-	85.9	31.97	13.85	29.52	151	14	P	H
	*	5670	90.61	-	-	74.31	31.97	13.85	29.52	151	14	A	H
		5726.5	59.55	-8.65	68.2	43.03	32.06	14	29.54	151	14	P	H
		5436.8	54.43	-19.57	74	39.08	31.69	13.08	29.42	173	19	P	V
		5469	53.36	-14.84	68.2	37.91	31.69	13.19	29.43	173	19	P	V
		5434.35	43.17	-10.83	54	27.83	31.69	13.07	29.42	173	19	A	V
	*	5670	107.53	-	-	91.23	31.97	13.85	29.52	173	19	P	V
	*	5670	96.5	-	-	80.2	31.97	13.85	29.52	173	19	A	V
		5727.55	60.45	-7.75	68.2	43.93	32.06	14	29.54	173	19	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	47.38	-26.62	74	50.69	40.19	18	61.5	100	0	P	H
		16530	45.93	-22.27	68.2	44.22	39.01	22.32	59.62	100	0	P	H
													H
													H
		11020	46.87	-27.13	74	50.18	40.19	18	61.5	100	0	P	V
		16530	45.57	-22.63	68.2	43.86	39.01	22.32	59.62	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11000	46.59	-27.41	74	49.9	40.2	17.99	61.5	100	0	P	H
		16650	47.25	-20.95	68.2	44.64	39.44	22.48	59.31	100	0	P	H
													H
													H
		11000	47.46	-26.54	74	50.77	40.2	17.99	61.5	100	0	P	V
		16650	47.91	-20.29	68.2	45.3	39.44	22.48	59.31	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	47	-27	74	50.17	40	18.26	61.43	100	0	P	H
		17010	48.93	-19.27	68.2	43.6	40.74	22.96	58.37	100	0	P	H
													H
													H
		11340	47.16	-26.84	74	50.33	40	18.26	61.43	100	0	P	V
		17010	49.05	-19.15	68.2	43.72	40.74	22.96	58.37	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5453.44	59	-15	74	43.6	31.69	13.14	29.43	162	56	P	H
		5469.28	59.86	-8.34	68.2	44.4	31.69	13.2	29.43	162	56	P	H
		5459.68	48.53	-5.47	54	33.11	31.69	13.16	29.43	162	56	A	H
	*	5530	95.14	-	-	79.43	31.75	13.41	29.45	162	56	P	H
	*	5530	83.48	-	-	67.77	31.75	13.41	29.45	162	56	A	H
		5753.345	56.24	-11.96	68.2	39.62	32.11	14.07	29.56	162	56	P	H
		5457.28	59.97	-14.03	74	44.56	31.69	13.15	29.43	197	24	P	V
		5467.36	62.38	-5.82	68.2	46.93	31.69	13.19	29.43	197	24	P	V
		5458.48	50	-4	54	34.58	31.69	13.16	29.43	197	24	A	V
	*	5530	98.8	-	-	83.09	31.75	13.41	29.45	197	24	P	V
	*	5530	87.53	-	-	71.82	31.75	13.41	29.45	197	24	A	V
		5753.03	54.94	-13.26	68.2	38.33	32.1	14.07	29.56	197	24	P	V
802.11ac VHT80 CH 122 5610MHz		5447.92	55.16	-18.84	74	39.77	31.69	13.12	29.42	162	12	P	H
		5460.88	54.71	-13.49	68.2	39.28	31.69	13.17	29.43	162	12	P	H
		5423.44	43.59	-10.41	54	28.3	31.68	13.03	29.42	162	12	A	H
	*	5610	97.66	-	-	81.58	31.88	13.69	29.49	162	12	P	H
	*	5610	86.67	-	-	70.59	31.88	13.69	29.49	162	12	A	H
		5750.825	55.47	-12.73	68.2	38.86	32.1	14.07	29.56	162	12	P	H
		5444.08	55.68	-18.32	74	40.3	31.69	13.11	29.42	162	56	P	V
		5459.92	55.2	-18.8	74	39.78	31.69	13.16	29.43	162	56	P	V
		5455.84	44.1	-9.9	54	28.69	31.69	13.15	29.43	162	56	A	V
	*	5610	102.01	-	-	85.93	31.88	13.69	29.49	162	56	P	V
	*	5610	89.86	-	-	73.78	31.88	13.69	29.49	162	56	A	V
		5737.28	56.34	-11.86	68.2	39.79	32.08	14.03	29.56	162	56	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	47.2	-26.8	74	50.5	40.16	18.03	61.49	100	0	P	H
		16590	46.21	-21.99	68.2	44.07	39.22	22.39	59.47	100	0	P	H
													H
													H
		11060	46.38	-27.62	74	49.68	40.16	18.03	61.49	100	0	P	V
		16590	47.13	-21.07	68.2	44.99	39.22	22.39	59.47	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	47.41	-26.59	74	50.64	40.07	18.16	61.46	100	0	P	H
		16830	48.52	-19.68	68.2	44.55	40.09	22.72	58.84	100	0	P	H
													H
													H
		11220	47.37	-26.63	74	50.6	40.07	18.16	61.46	100	0	P	V
		16830	48.12	-20.08	68.2	44.15	40.09	22.72	58.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI 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 144 5720MHz		5376.52	53.42	-20.58	74	38.19	31.68	12.97	29.42	291	137	P	H
		5461.54	54.21	-13.99	68.2	38.78	31.69	13.17	29.43	291	137	P	H
		5438.92	43.31	-10.69	54	27.95	31.69	13.09	29.42	291	137	A	H
	*	5720	107.05	-	-	90.56	32.05	13.98	29.54	291	137	P	H
	*	5720	95.96	-	-	79.47	32.05	13.98	29.54	291	137	A	H
		5863.5	55.29	-12.91	68.2	38.64	32.28	13.99	29.62	291	137	P	H
		5419.42	54.04	-19.96	74	38.76	31.68	13.02	29.42	177	17	P	V
		5467.39	53.55	-14.65	68.2	38.1	31.69	13.19	29.43	177	17	P	V
		5446.33	43.18	-10.82	54	27.8	31.69	13.11	29.42	177	17	A	V
	*	5720	112.78	-	-	96.29	32.05	13.98	29.54	177	17	P	V
	*	5720	101.88	-	-	85.39	32.05	13.98	29.54	177	17	A	V
		5858.75	55.35	-12.85	68.2	38.7	32.27	14	29.62	177	17	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 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 144 5720MHz		11440	46.78	-27.22	74	49.92	39.94	18.33	61.41	100	0	P	H
		17160	49.56	-18.64	68.2	43.07	41.31	23.16	57.98	100	0	P	H
													H
													H
		11440	46.89	-27.11	74	50.03	39.94	18.33	61.41	100	0	P	V
		17160	50.25	-17.95	68.2	43.76	41.31	23.16	57.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5364.43	54.64	-19.36	74	39.41	31.67	12.97	29.41	286	136	P	H
		5461.93	53.59	-14.61	68.2	38.16	31.69	13.17	29.43	286	136	P	H
		5456.47	41.91	-12.09	54	26.5	31.69	13.15	29.43	286	136	A	H
	*	5720	106.78	-	-	90.29	32.05	13.98	29.54	286	136	P	H
	*	5720	96.57	-	-	80.08	32.05	13.98	29.54	286	136	A	H
		5890.5	55.23	-12.97	68.2	38.64	32.32	13.9	29.63	286	136	P	H
		5372.62	54.45	-19.55	74	39.22	31.67	12.97	29.41	169	14	P	V
		5467.39	54.27	-13.93	68.2	38.82	31.69	13.19	29.43	169	14	P	V
		5459.59	41.97	-12.03	54	26.55	31.69	13.16	29.43	169	14	A	V
	*	5720	111.84	-	-	95.35	32.05	13.98	29.54	169	14	P	V
	*	5720	101.52	-	-	85.03	32.05	13.98	29.54	169	14	A	V
		5947.25	55.63	-12.57	68.2	39.16	32.42	13.71	29.66	169	14	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	47.14	-26.86	74	50.28	39.94	18.33	61.41	400	0	P	H
		17160	49.53	-18.67	68.2	43.04	41.31	23.16	57.98	100	0	P	H
													H
													H
		11440	46.69	-27.31	74	49.83	39.94	18.33	61.41	100	0	P	V
		17160	49.66	-18.54	68.2	43.17	41.31	23.16	57.98	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5384.32	55.09	-18.91	74	39.87	31.68	12.96	29.42	288	137	P	H
		5465.83	53.06	-15.14	68.2	37.62	31.69	13.18	29.43	288	137	P	H
		5401.09	43.25	-10.75	54	28.04	31.68	12.95	29.42	288	137	A	H
	*	5710	103.51	-	-	87.05	32.04	13.96	29.54	288	137	P	H
	*	5710	92.58	-	-	76.12	32.04	13.96	29.54	288	137	A	H
		5903.5	55.81	-12.39	68.2	39.24	32.35	13.85	29.63	288	137	P	H
		5417.86	54.91	-19.09	74	39.64	31.68	13.01	29.42	173	18	P	V
		5465.83	54.42	-13.78	68.2	38.98	31.69	13.18	29.43	173	18	P	V
		5390.95	43.14	-10.86	54	27.92	31.68	12.96	29.42	173	18	A	V
	*	5710	109.05	-	-	92.59	32.04	13.96	29.54	173	18	P	V
	*	5710	97.65	-	-	81.19	32.04	13.96	29.54	173	18	A	V
		5890.75	55.37	-12.83	68.2	38.77	32.33	13.9	29.63	173	18	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	47.1	-26.9	74	50.25	39.95	18.32	61.42	100	0	P	H
		17130	50.53	-17.67	68.2	44.28	41.19	23.12	58.06	100	0	P	H
													H
													H
		11420	47.39	-26.61	74	50.54	39.95	18.32	61.42	100	0	P	V
		17130	50	-18.2	68.2	43.75	41.19	23.12	58.06	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5449.45	54.11	-19.89	74	38.71	31.69	13.13	29.42	293	138	P	H
		5462.32	53.98	-14.22	68.2	38.55	31.69	13.17	29.43	293	138	P	H
		5444.38	42.99	-11.01	54	27.61	31.69	13.11	29.42	293	138	A	H
	*	5690	99.64	-	-	83.27	32	13.9	29.53	293	138	P	H
	*	5690	87.46	-	-	71.09	32	13.9	29.53	293	138	A	H
		5861	55.39	-12.81	68.2	38.73	32.28	14	29.62	293	138	P	H
		5459.2	54.73	-19.27	74	39.31	31.69	13.16	29.43	184	16	P	V
		5460.37	55.05	-13.15	68.2	39.63	31.69	13.16	29.43	184	16	P	V
		5458.81	43.3	-10.7	54	27.88	31.69	13.16	29.43	184	16	A	V
	*	5690	104.89	-	-	88.52	32	13.9	29.53	184	16	P	V
	*	5690	93.02	-	-	76.65	32	13.9	29.53	184	16	A	V
		5851	55.38	-12.82	68.2	38.69	32.26	14.03	29.6	184	16	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	46.37	-27.63	74	49.53	39.97	18.29	61.42	100	0	P	H
		17070	48.73	-19.47	68.2	42.93	40.97	23.05	58.22	100	0	P	H
													H
													H
		11380	48.3	-25.7	74	51.46	39.97	18.29	61.42	100	0	P	V
		17070	49.03	-19.17	68.2	43.23	40.97	23.05	58.22	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 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 LF		78.6	21.85	-18.15	40	39.65	13.66	0.93	32.4			P	H
		111.54	19.67	-23.83	43.5	33.54	17.37	1.1	32.37			P	H
		256.8	19.1	-26.9	46	29.7	19.5	2.23	32.4			P	H
		456.8	24.11	-21.89	46	30.03	23.45	3.14	32.55			P	H
		591.9	26.74	-19.26	46	30.17	25.46	3.7	32.67			P	H
		847.4	30.65	-15.35	46	29.42	28.68	4.49	32.09	100	0	P	H
													H
													H
													H
													H
													H
													H
		82.92	18.14	-21.86	40	35.39	14.2	0.92	32.39			P	V
		149.88	17.14	-26.36	43.5	30.21	17.8	1.41	32.36			P	V
		229.8	16.87	-29.13	46	30.17	17	2	32.37			P	V
		446.3	23.51	-22.49	46	29.64	23.24	3.13	32.54			P	V
		707.4	29.13	-16.87	46	30.74	26.75	4.03	32.52			P	V
		869.8	31.42	-14.58	46	29.91	28.82	4.5	31.96	100	0	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		(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

Test Engineer :	Cr Liao, Nick Yu, and Andy Yang	Temperature :	22~25°C
		Relative Humidity :	50~54%

Note symbol

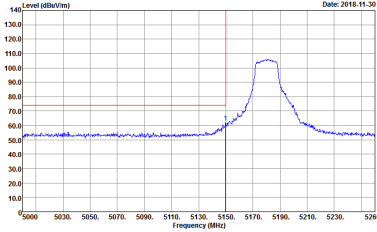
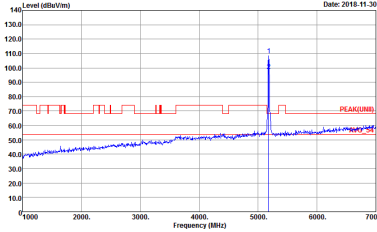
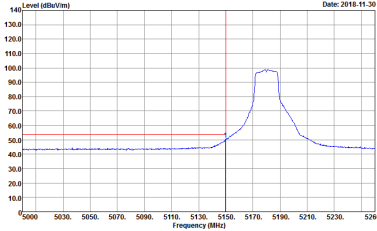
-L	Low channel location
-R	High channel location



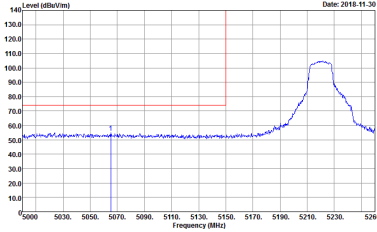
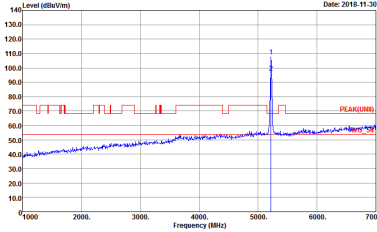
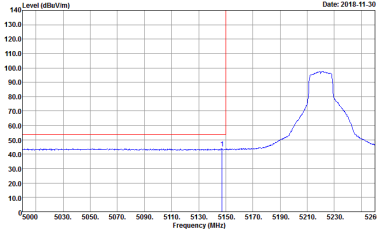
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x1F	Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x1F
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x1F	Left blank

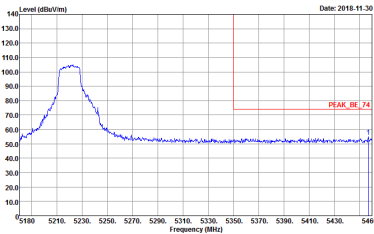
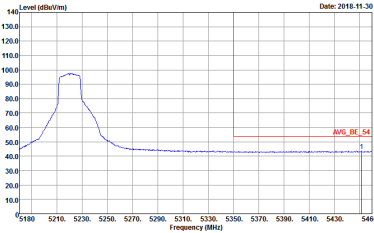


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1F	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1F
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1F	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

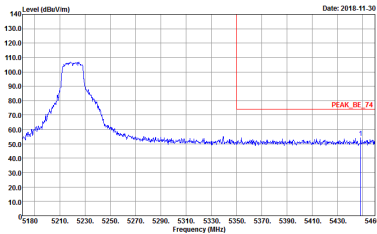
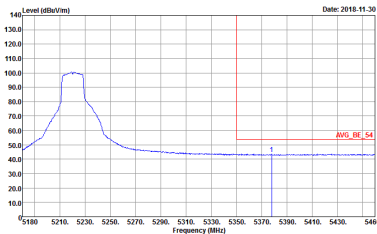


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

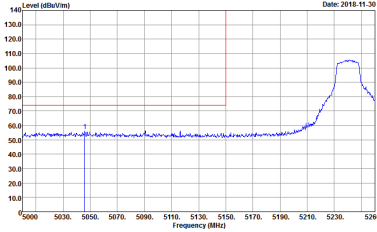
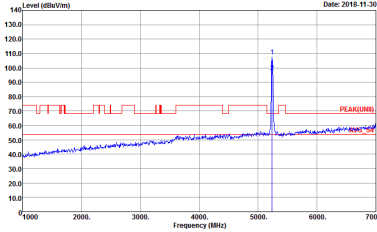
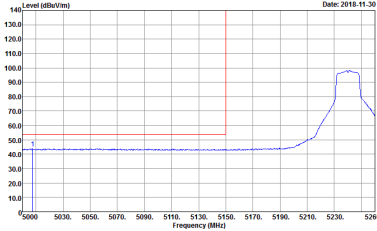


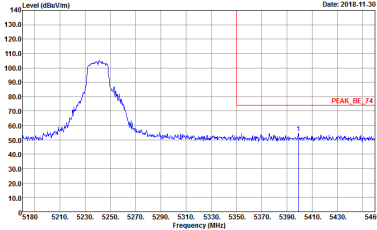
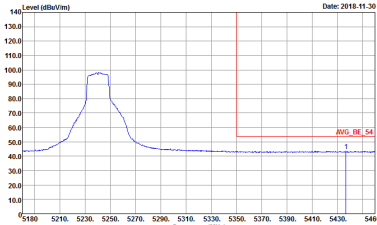
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank



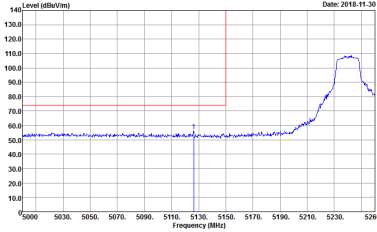
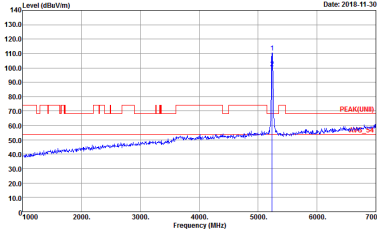
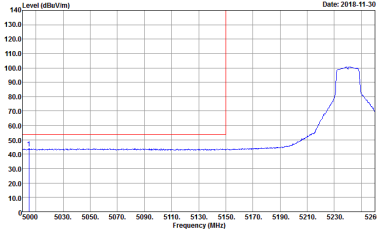
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



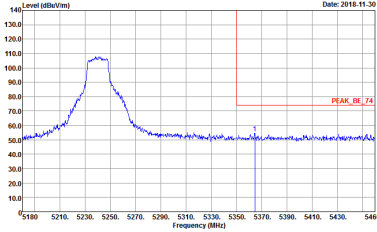
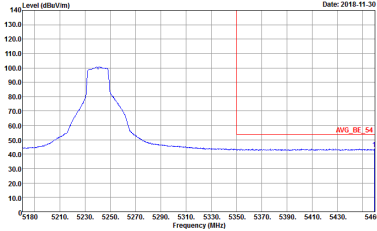
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



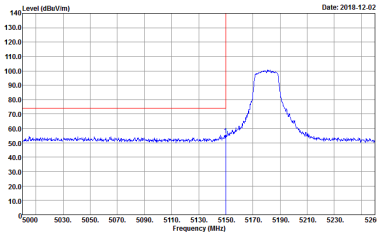
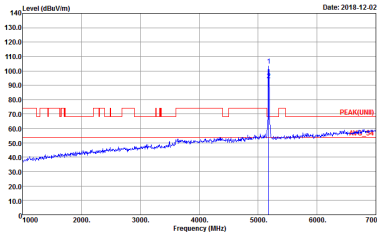
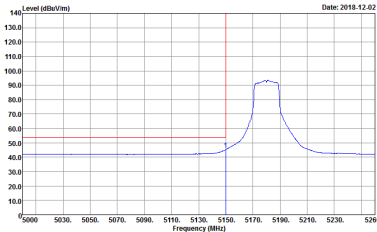
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank



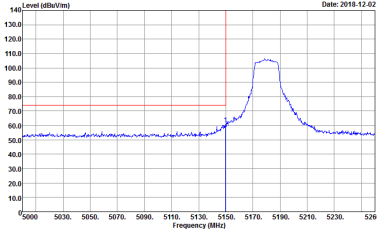
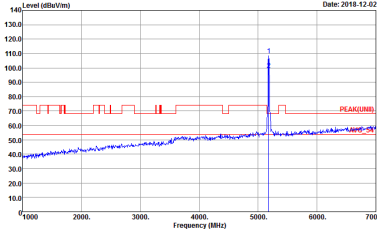
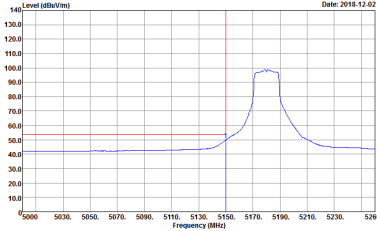
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_152Z VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



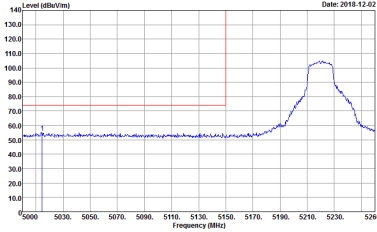
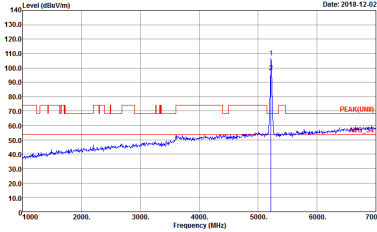
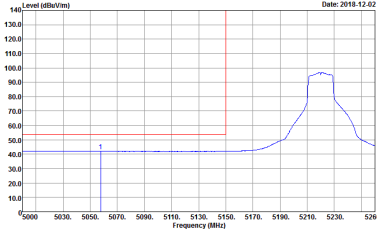
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

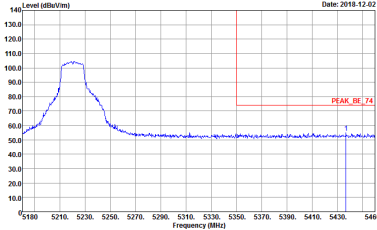
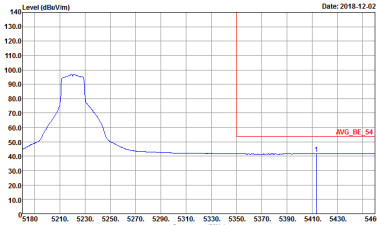
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1E	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1E
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1E	Left blank



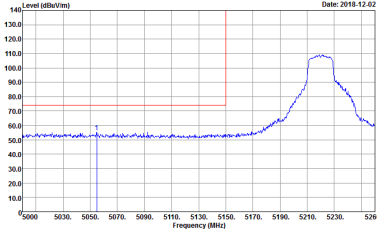
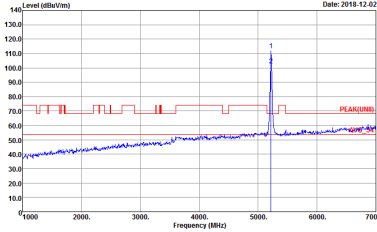
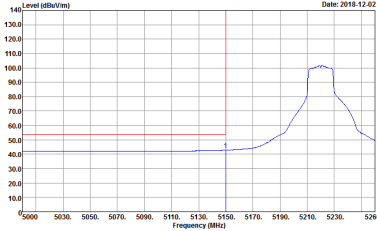
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1E	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1E
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1E	Left blank

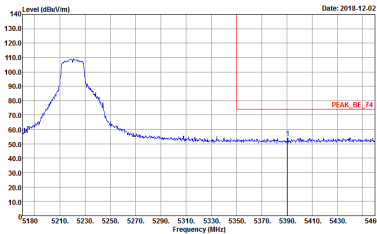
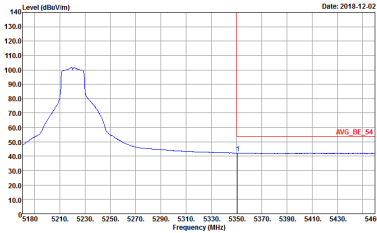


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

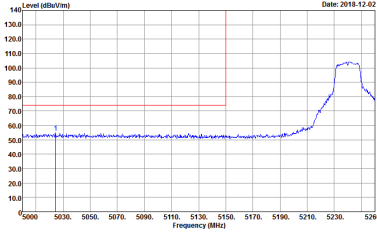
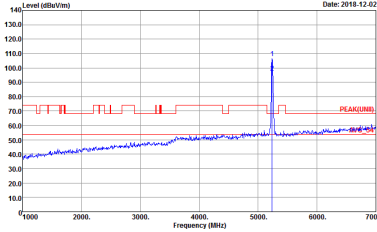
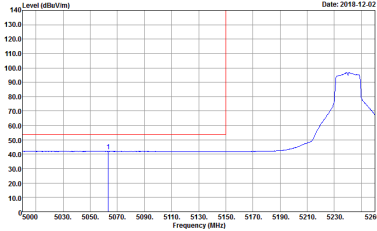
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



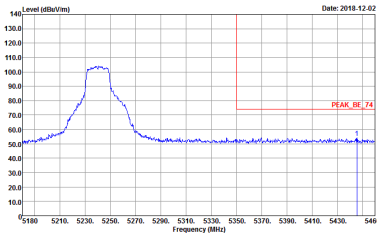
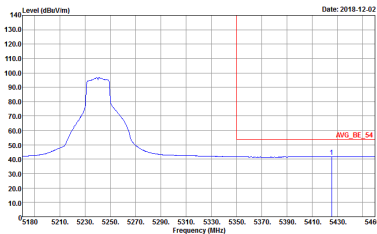
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

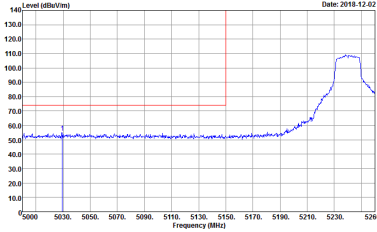
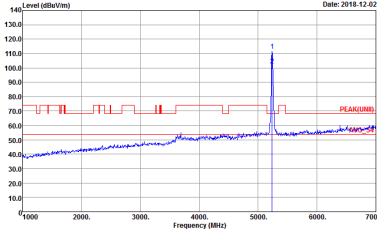
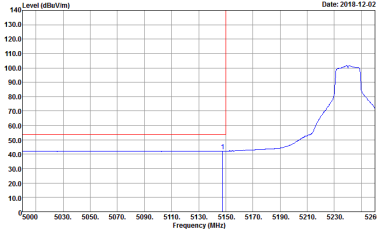


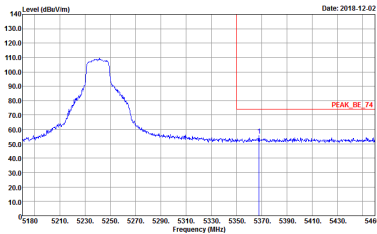
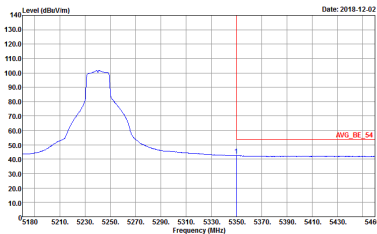
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

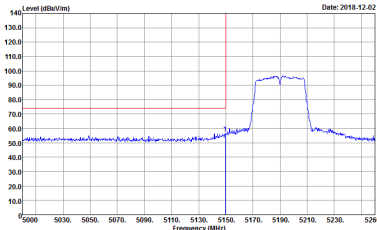
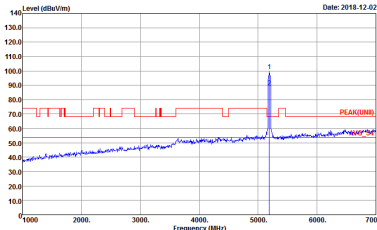
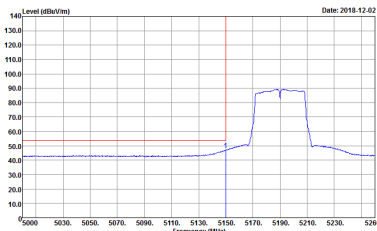


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

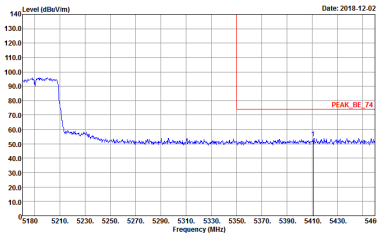
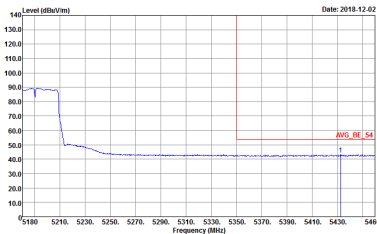
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



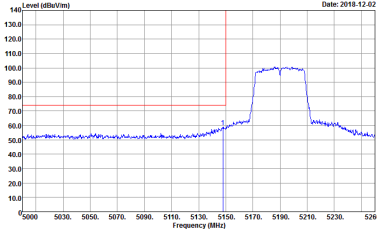
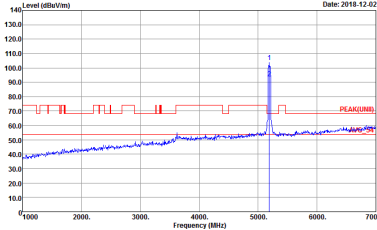
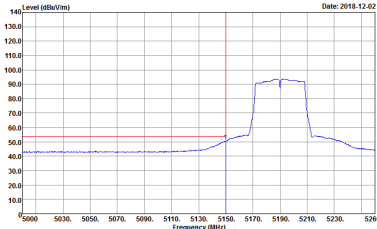
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x18	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x18
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x18	Left blank

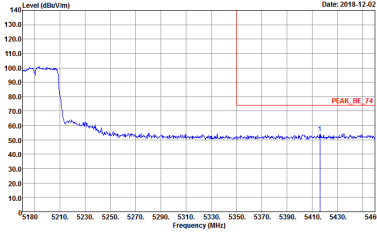
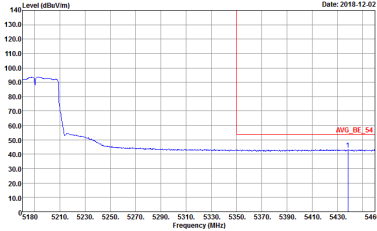


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x18	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x18	Left blank



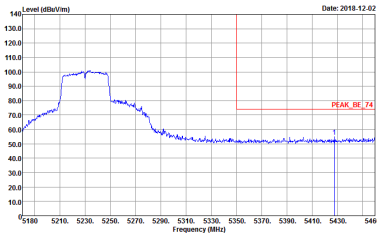
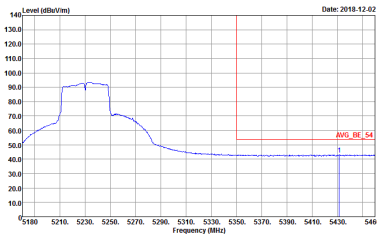
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18	Left blank



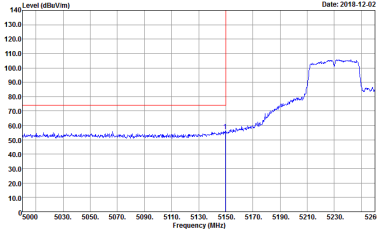
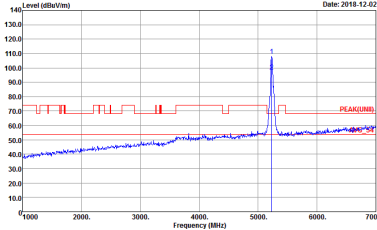
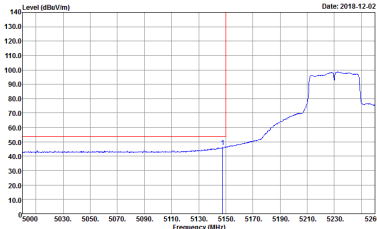
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O2416-02 Setting : 0x18	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 8O2416-02 Setting : 0x18	Left blank

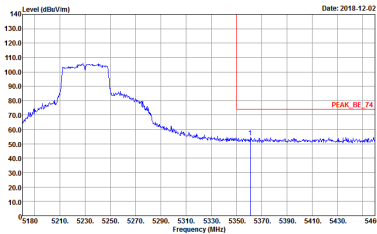
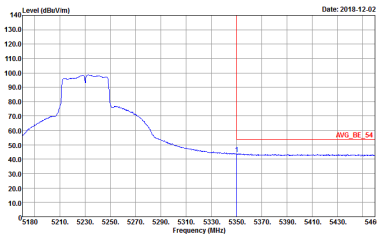


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

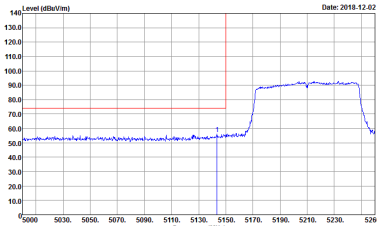
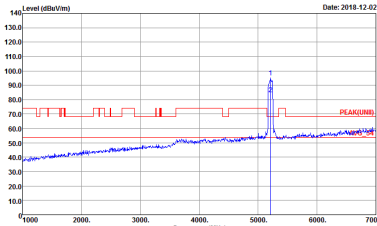
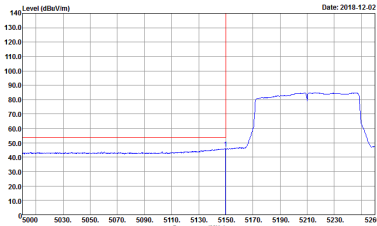


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

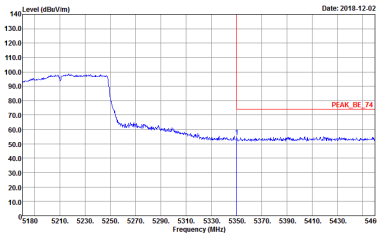
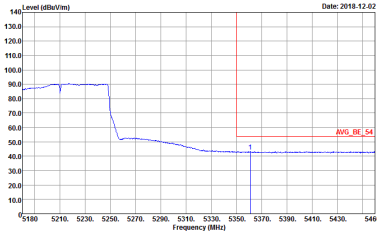


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



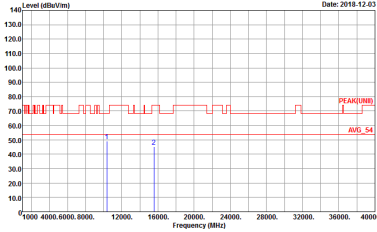
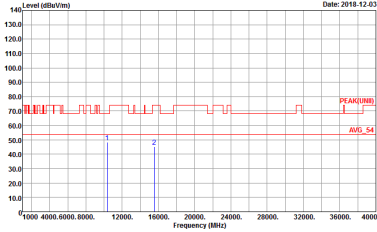
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank



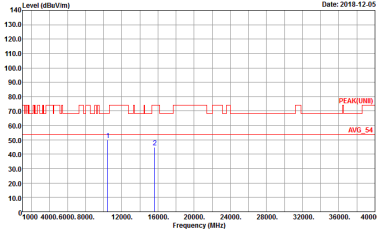
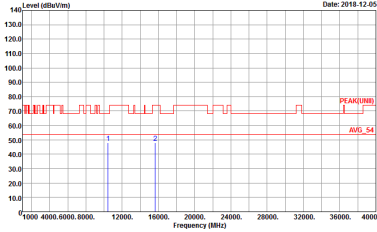
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank



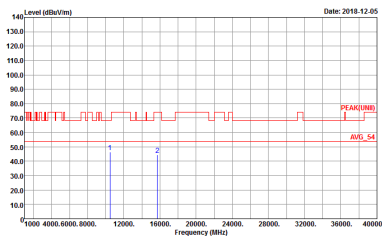
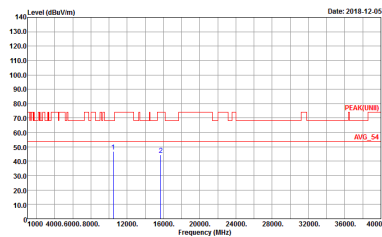
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1F	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1F



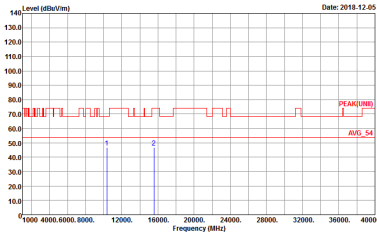
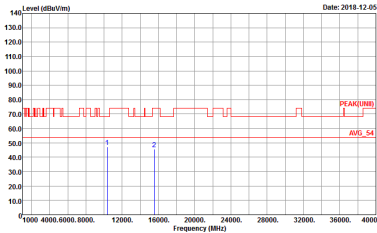
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



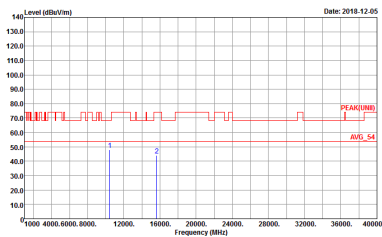
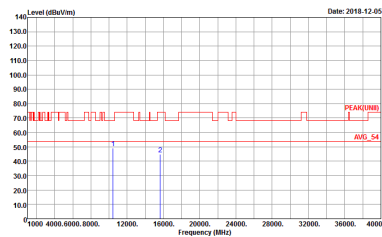
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



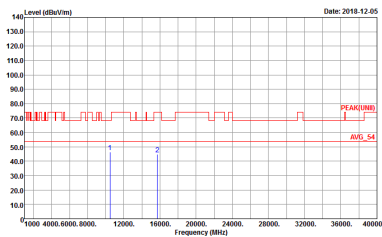
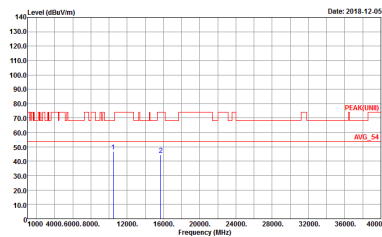
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1E	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1E



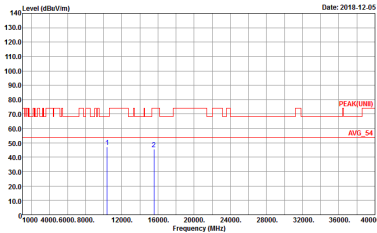
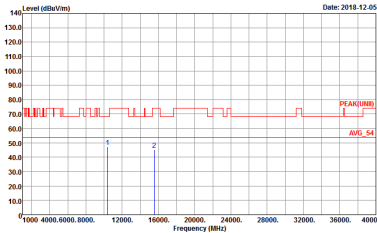
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



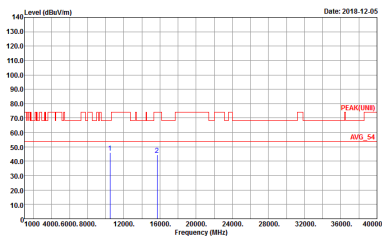
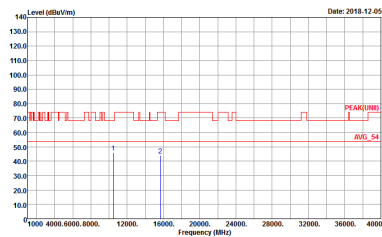
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



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

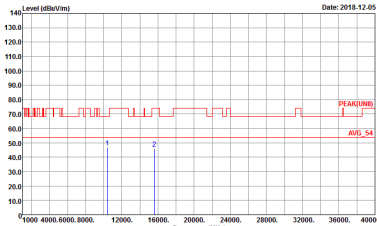
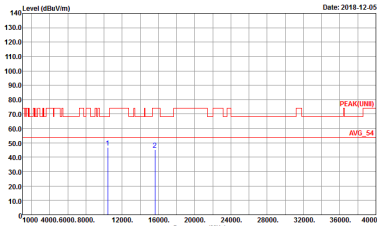
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x18	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02

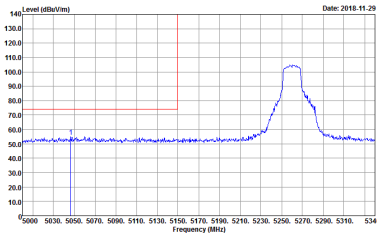
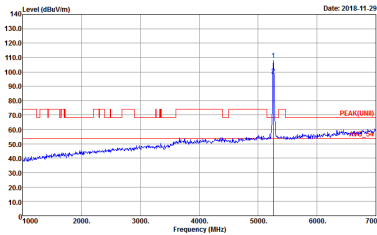
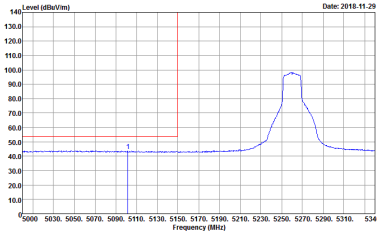


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

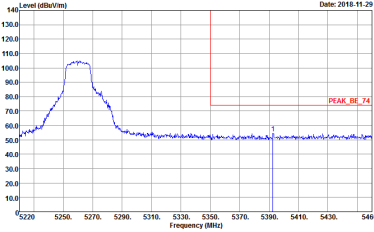
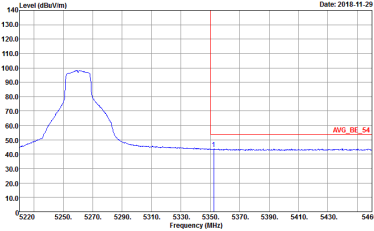
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



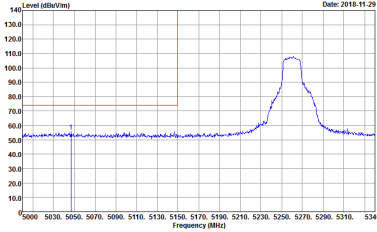
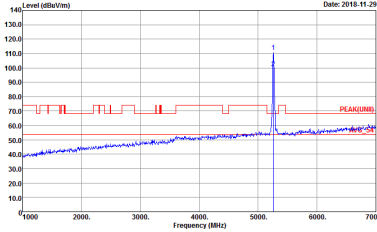
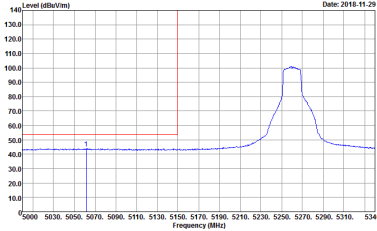
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

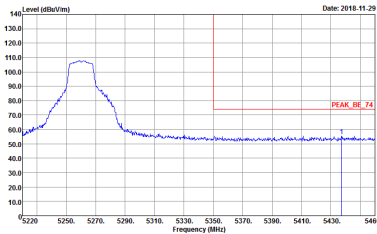
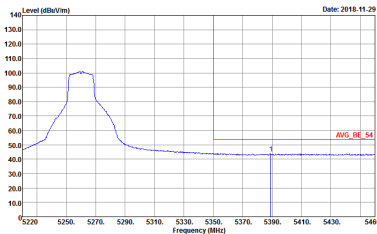
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



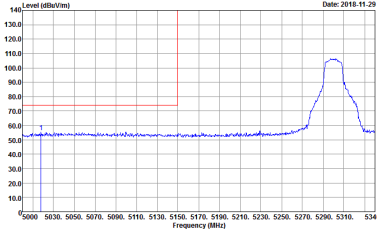
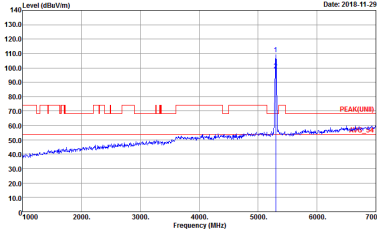
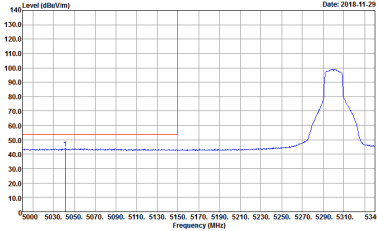
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



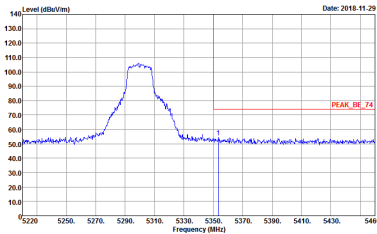
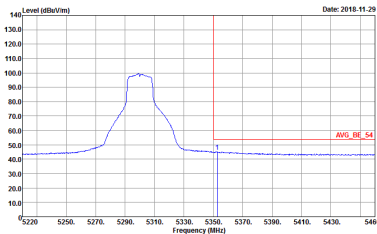
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

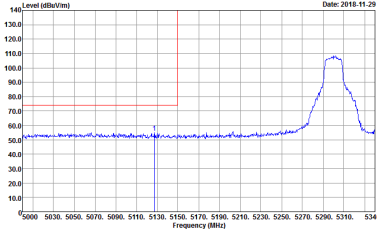
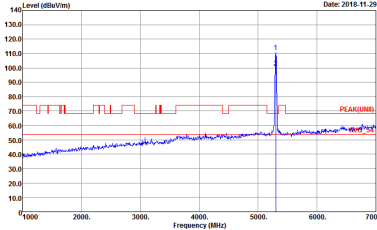
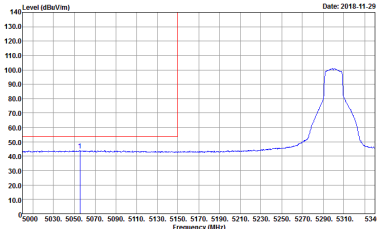


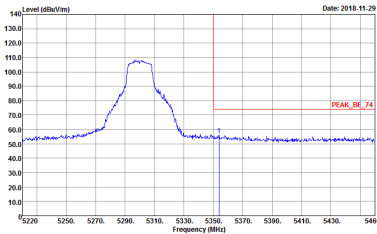
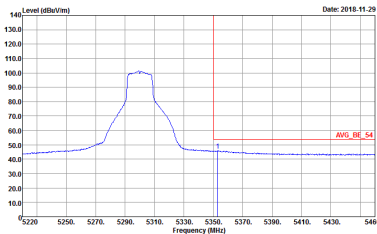
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



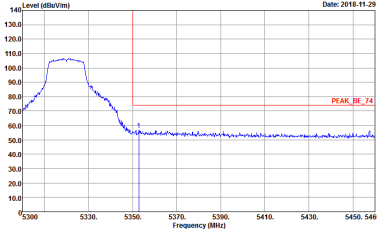
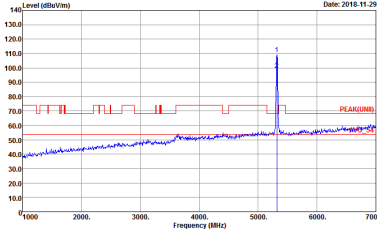
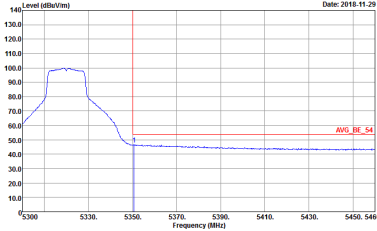
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



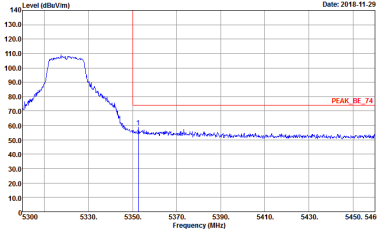
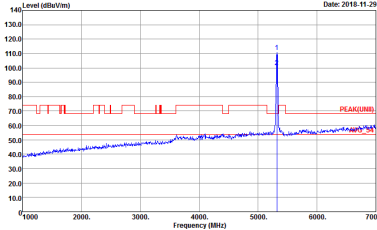
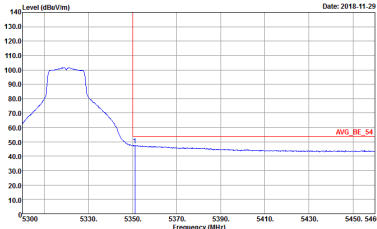
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

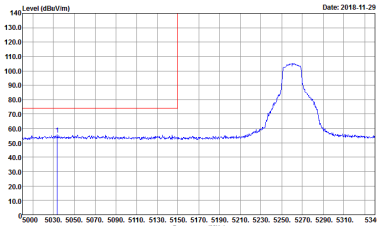
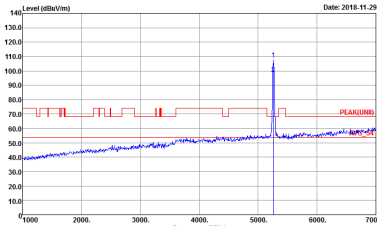
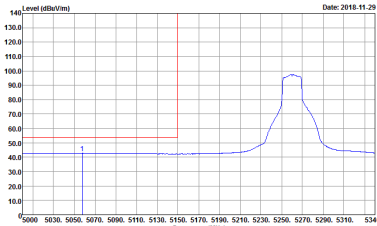


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

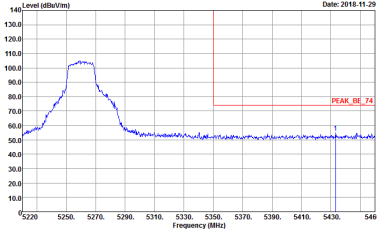
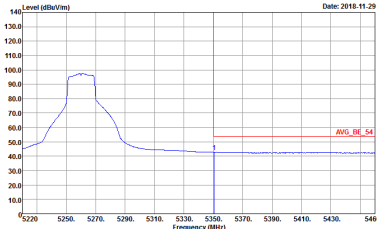


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 802416-02
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Project : 802416-02	Left blank

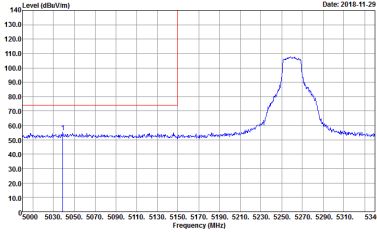
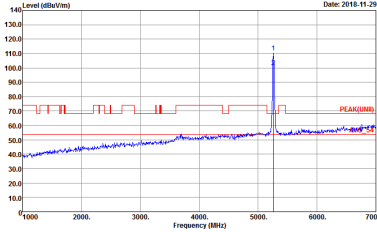
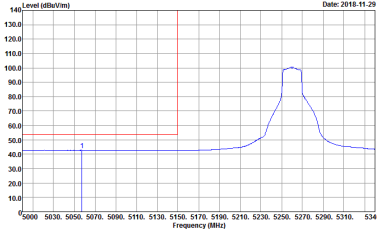
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

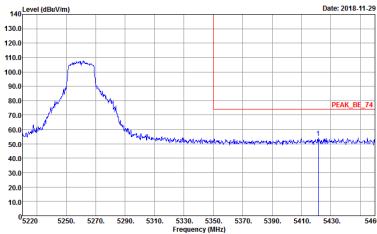
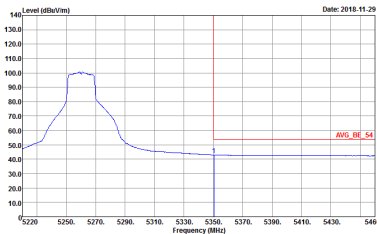
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



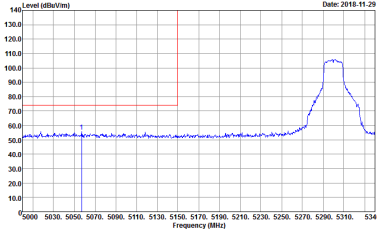
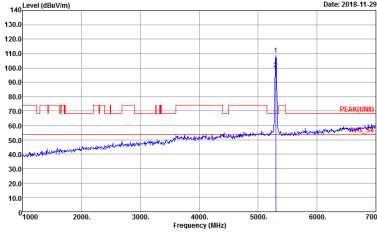
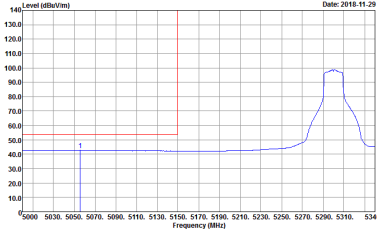
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



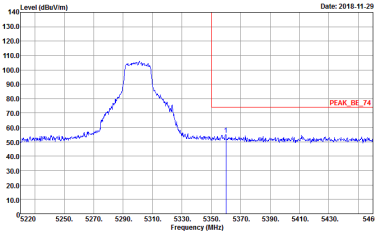
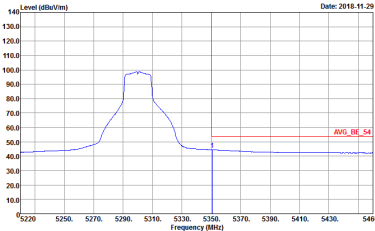
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

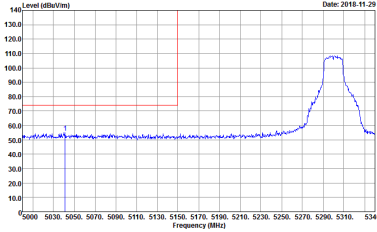
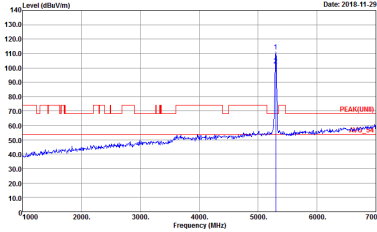
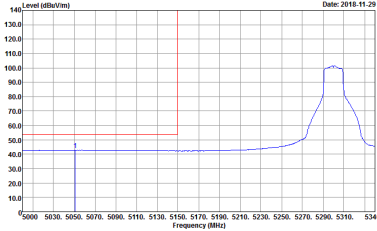


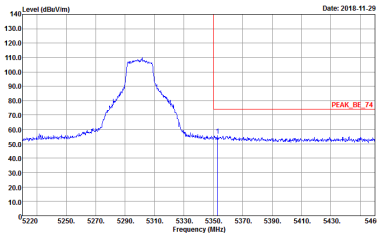
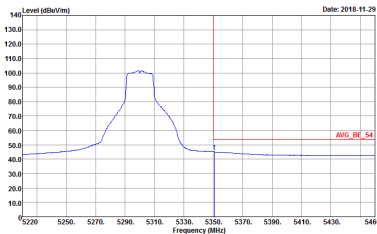
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



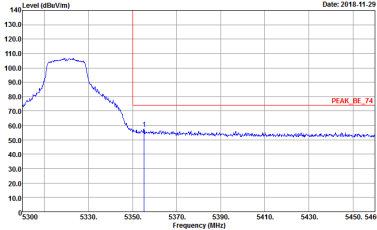
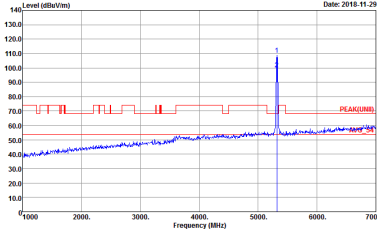
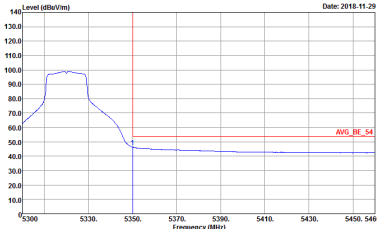
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



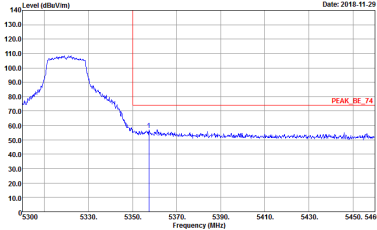
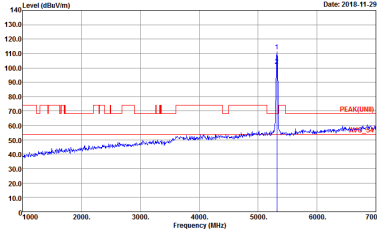
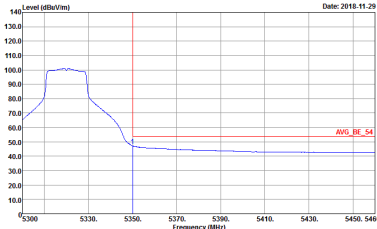
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_152Z VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

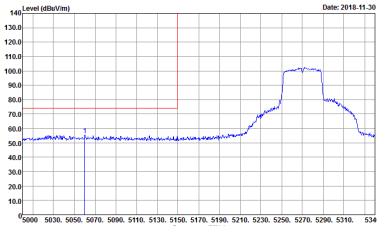
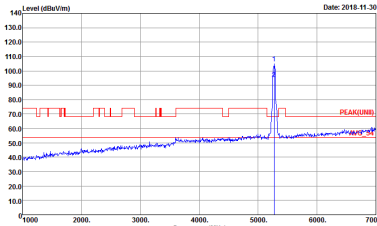
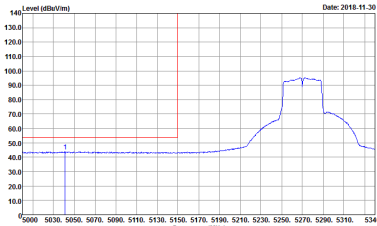


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

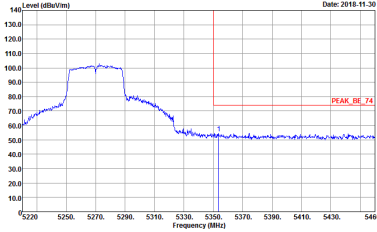
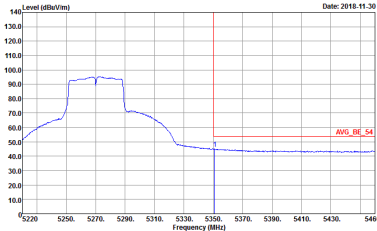


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 802416-02	Left blank

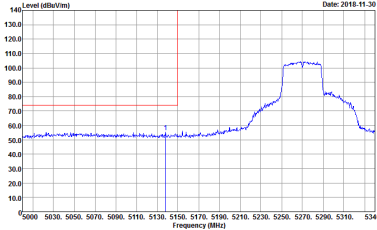
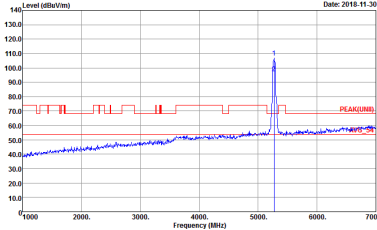
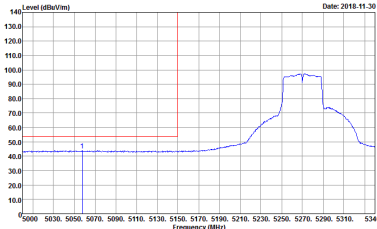
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

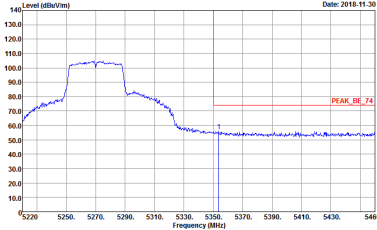
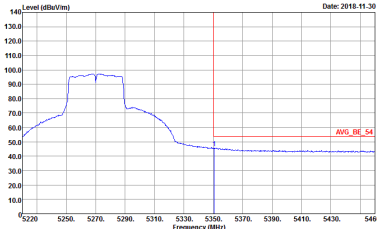


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - L	
1	Vertical	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

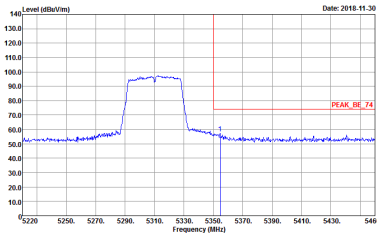
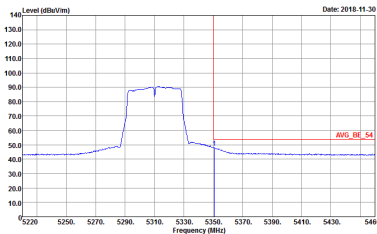


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - R	
1	Vertical	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 802416-02	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL Detector : RBW:1000.000KHz VBW:1000KHz SWT:Auto Project : 802416-02	Left blank



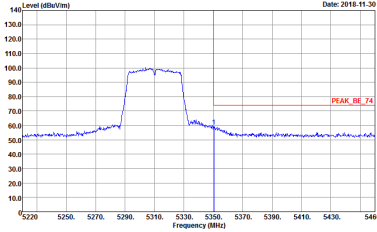
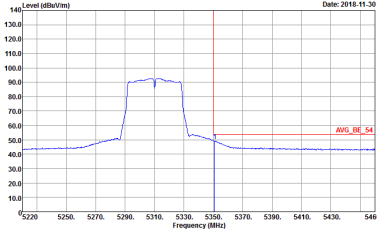
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x13	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x13
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x13	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O2416-02 Setting : 0x13	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 8O2416-02 Setting : 0x13	Left blank

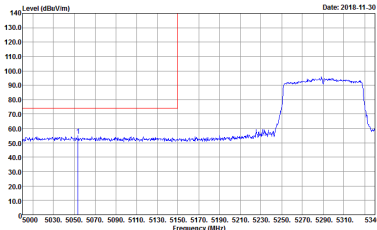
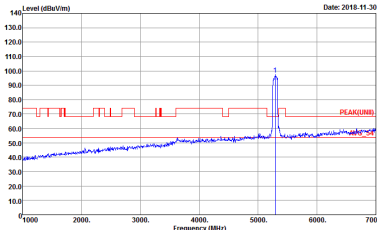
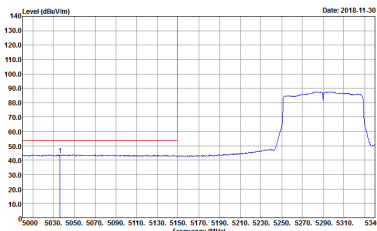


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x13	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x13
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x13	Left blank

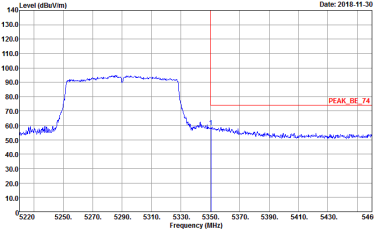
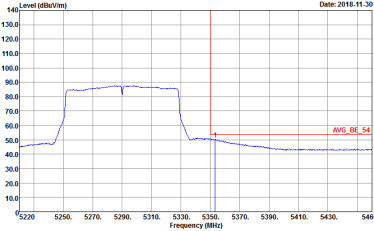
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x13	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x13	Left blank



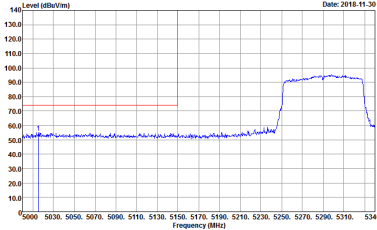
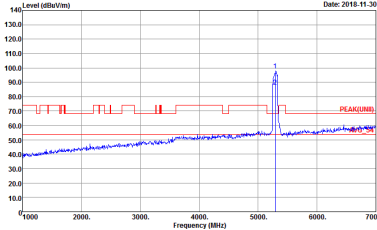
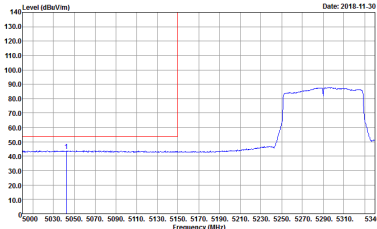
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

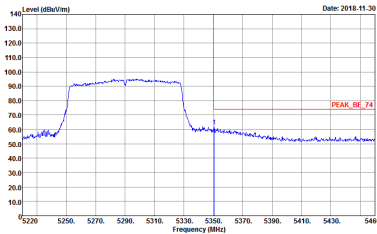
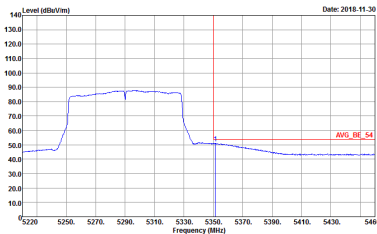
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x14	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x14	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14	Left blank

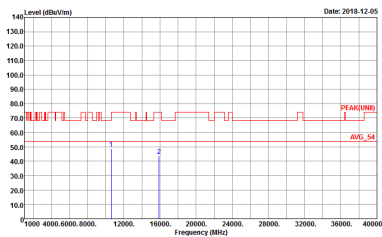
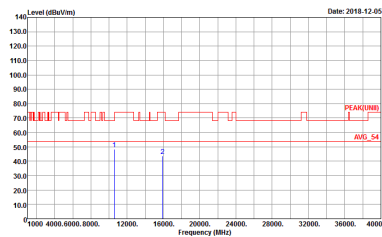
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x14	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x14	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 : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



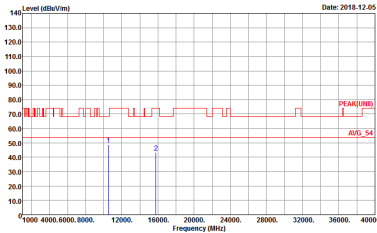
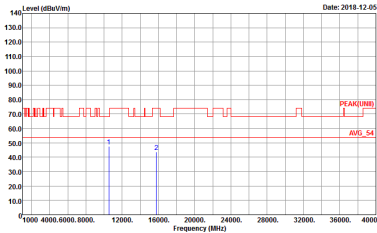
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2018-12-05 PEAK (UWB) AVG_54 Frequency (MHz) Site : 03CH16-11Y Condition : PEAK (UWB) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	Level (dBuV/m) Date: 2018-12-05 PEAK (UWB) AVG_54 Frequency (MHz) Site : 03CH16-11Y Condition : PEAK (UWB) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



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

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



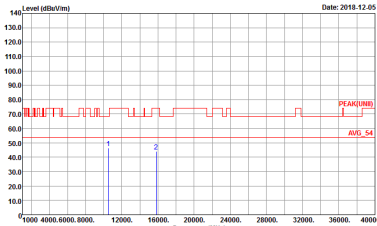
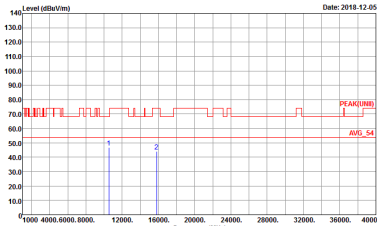
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



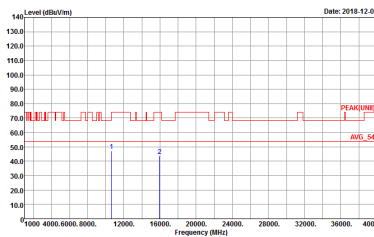
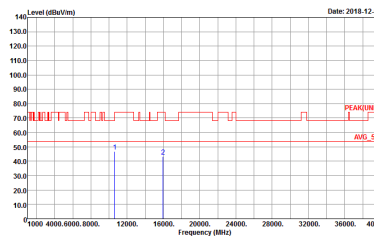
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



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

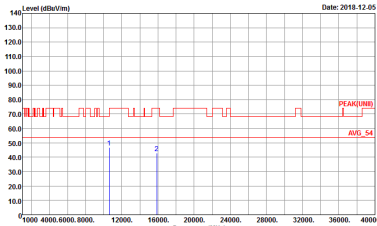
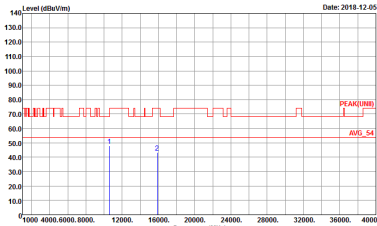
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270 MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



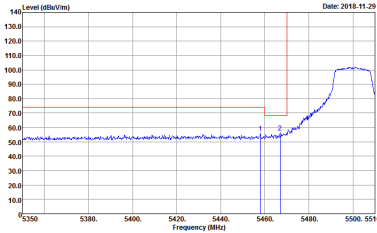
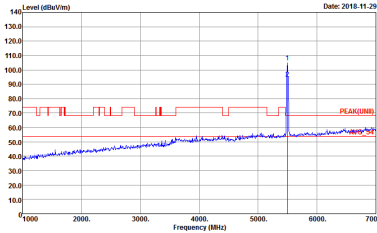
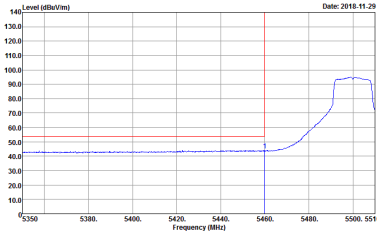
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310 MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x13	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x13



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

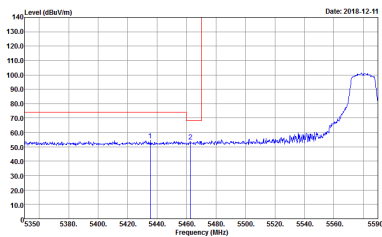
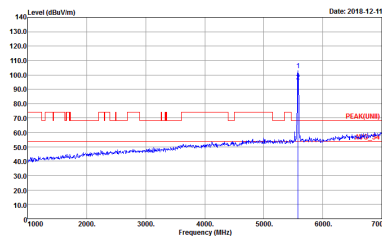
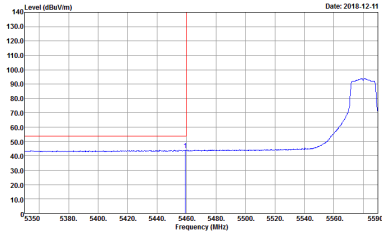
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02 Setting : 0x14

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

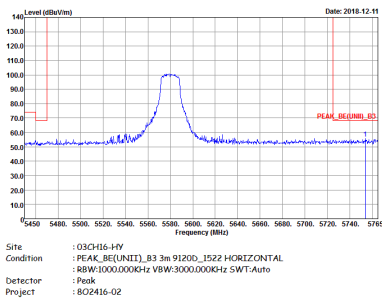
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

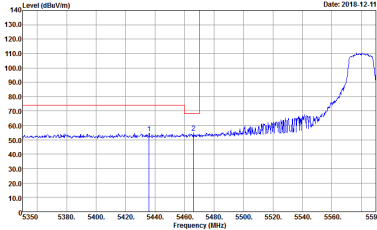
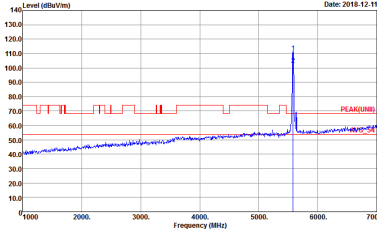
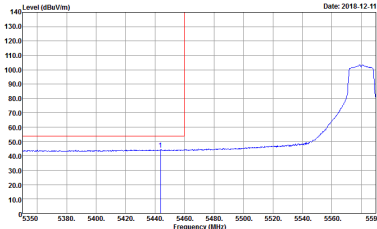


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

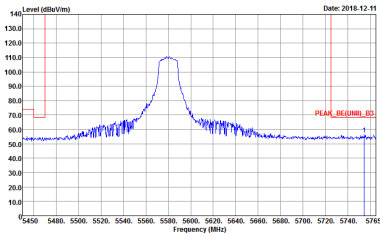
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



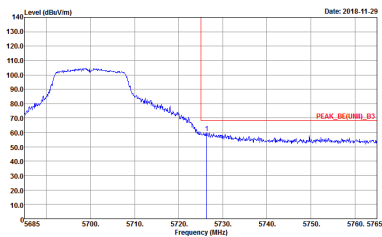
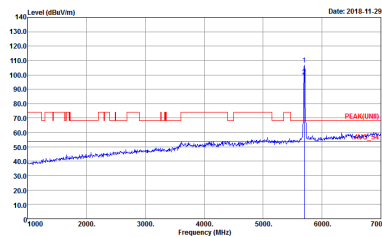
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

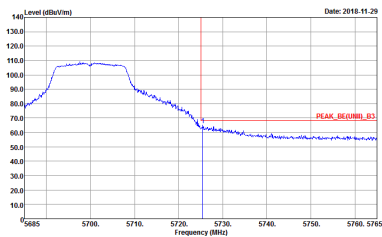
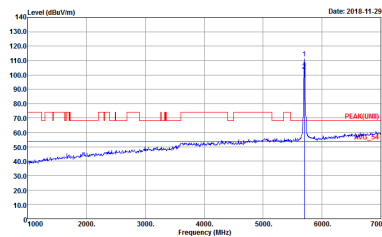


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : USCH416-11V Condition : PEAK_DE[UNIT], B3 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



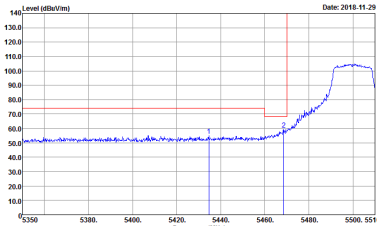
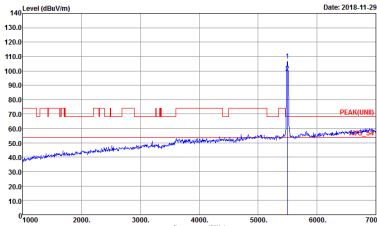
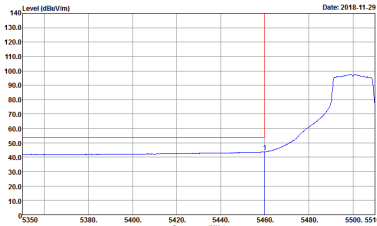
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02



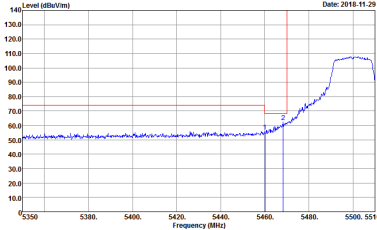
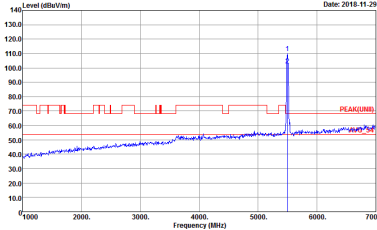
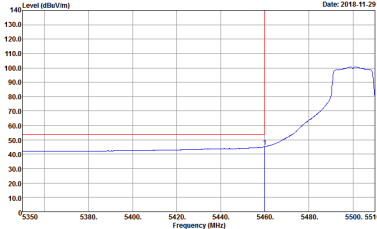
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_REC(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-11Y Condition : PEAK_REC(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



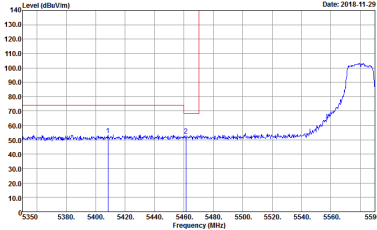
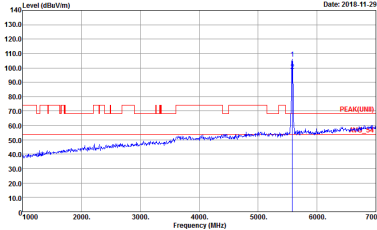
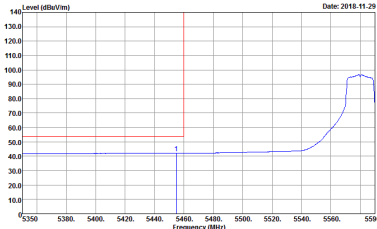
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

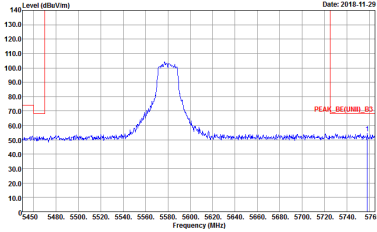


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

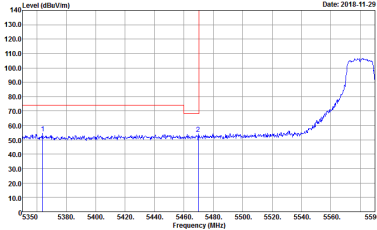
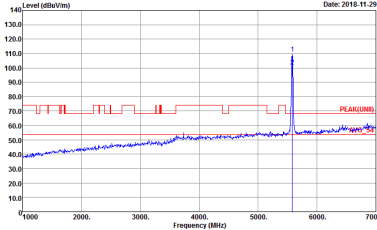
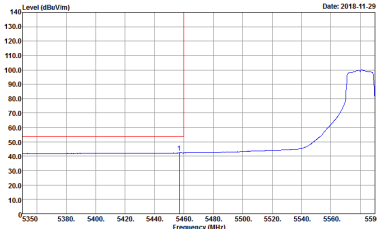


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH16 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

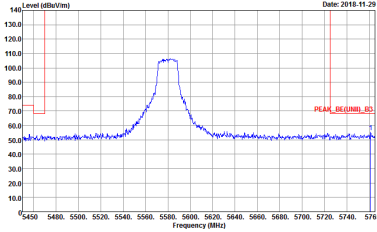


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE[UNIT], B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

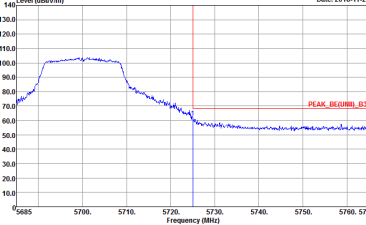
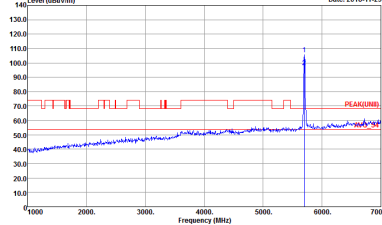


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH16 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

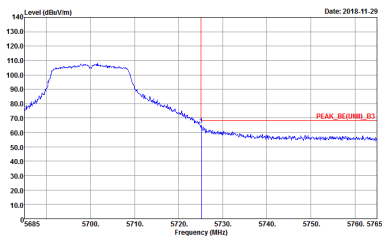
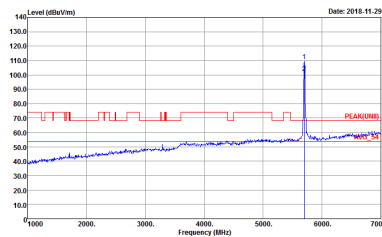


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE(UNIT), B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



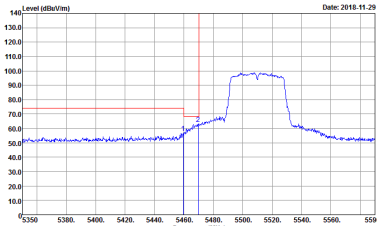
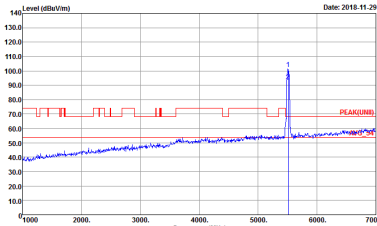
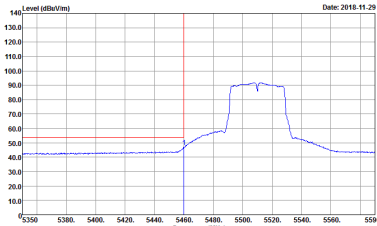
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-11Y Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1F	 Site : 03CH16-11Y Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1F



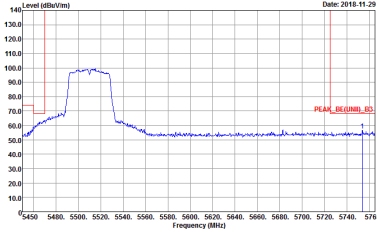
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH16-11Y Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x1F	 Site : 03CH16-11Y Condition : PEAK_F(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02 Setting : 0x1F



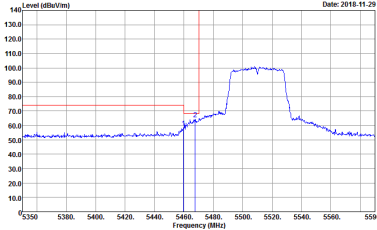
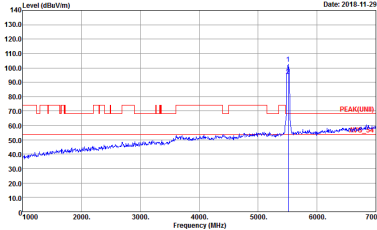
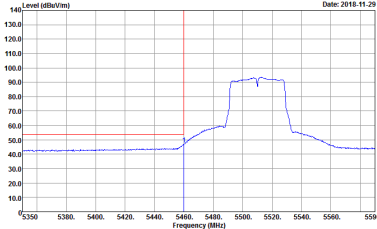
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x18	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x18
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x18	Left blank

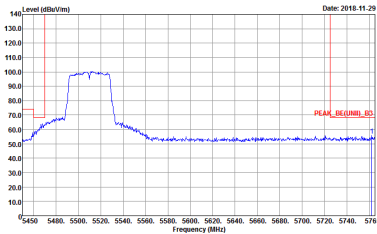


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE(UNIT1), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x18 Date: 2016-11-29	Left blank

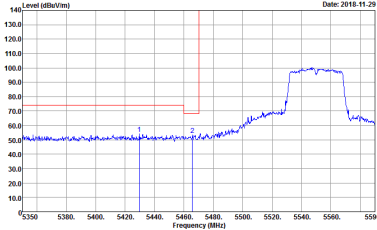
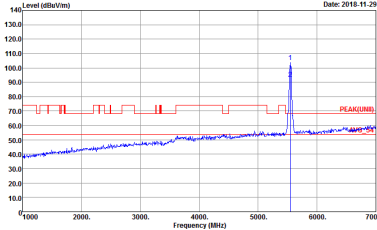
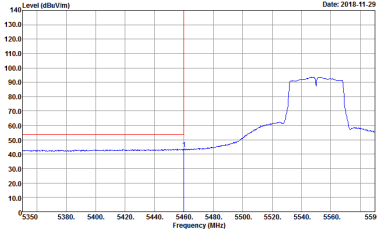


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18	Left blank

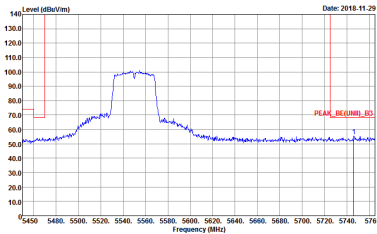


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE([UNIT]), B3 3m 91200_1522 VERTICAL Detector : Peak RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 802416-02 Setting : 0x18	Left blank

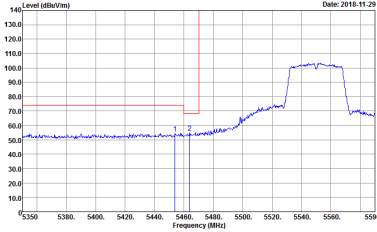
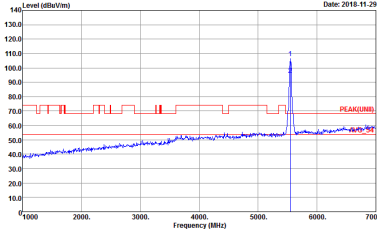
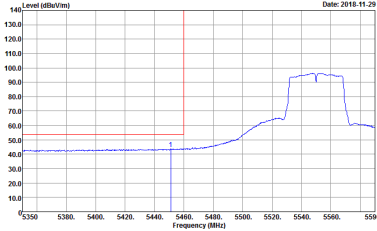


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

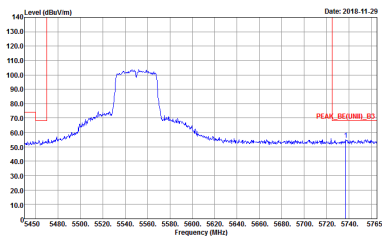


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE([UNIT], B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

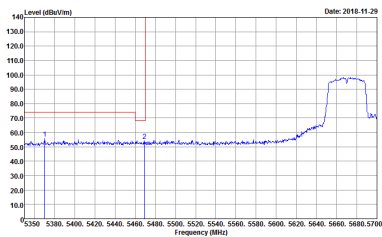
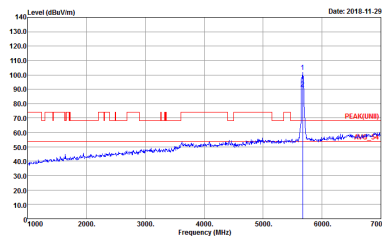
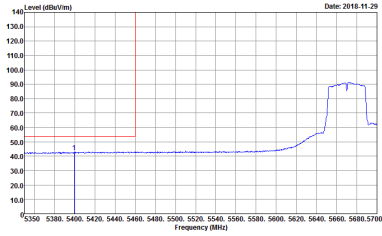


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

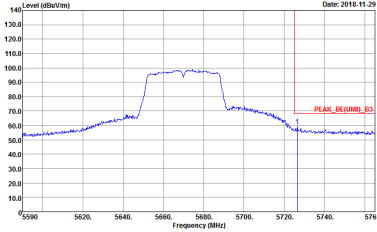


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE(UNIT), B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank

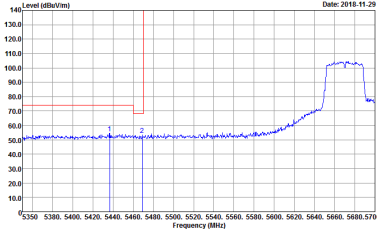
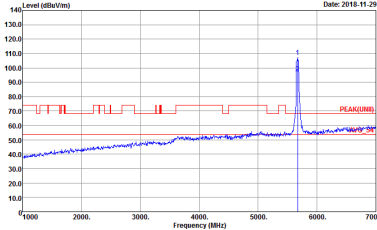
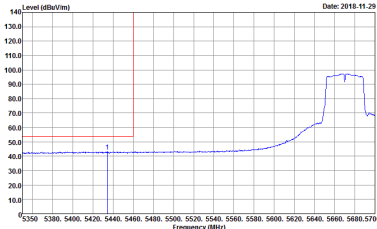


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank

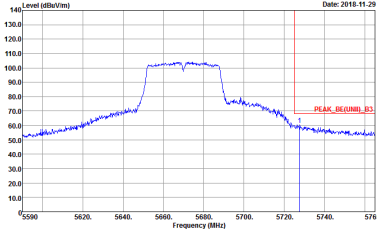


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-19V Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



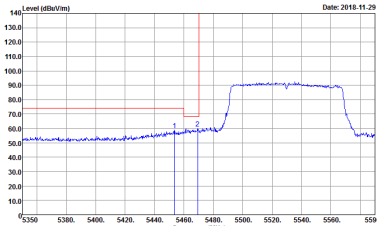
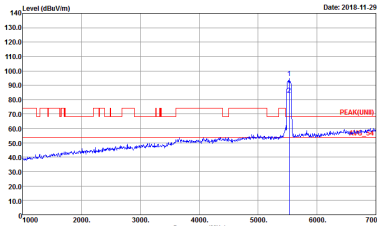
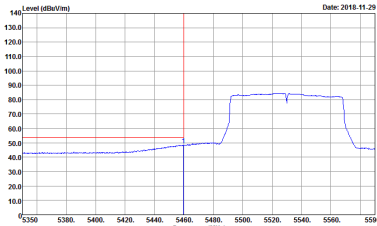
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank



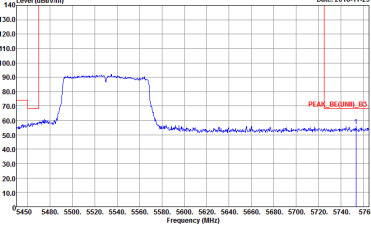
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-19V Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



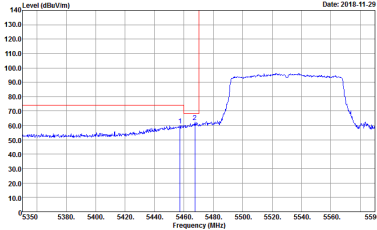
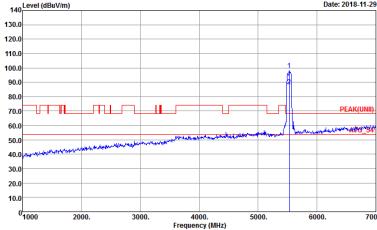
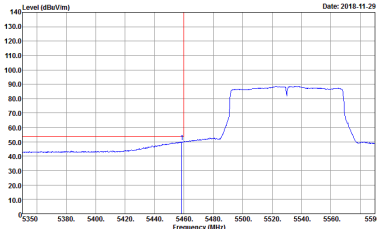
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14	Left blank

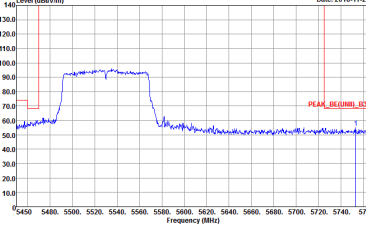


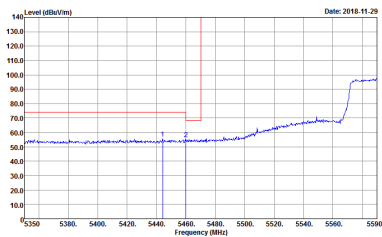
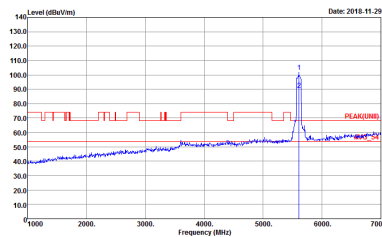
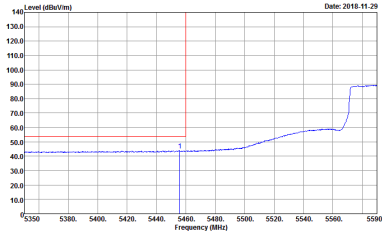
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE([UNIT]), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x14 Date: 2016-11-29	Left blank



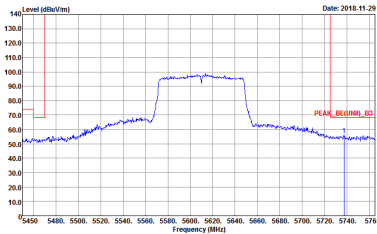
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14	 Site : 03CH16-HY Condition : PEAK(UNIT1) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14	Left blank



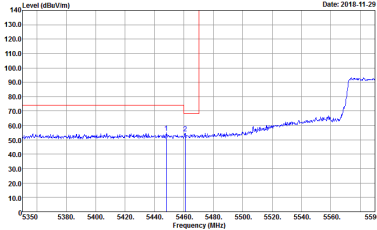
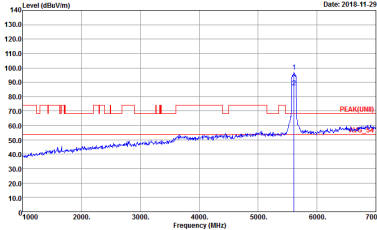
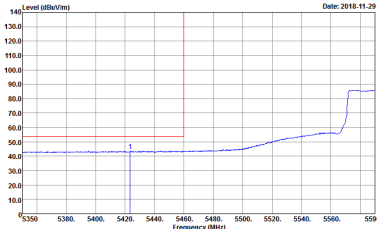
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-19V Condition : PEAK_BE[UNIT], B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x14	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT1)_3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02	Left blank

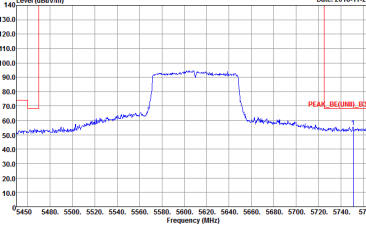


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 08CH16-19V Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



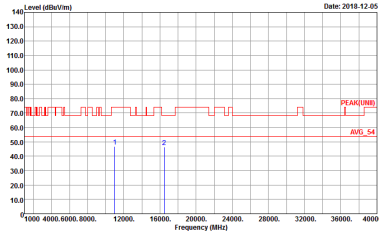
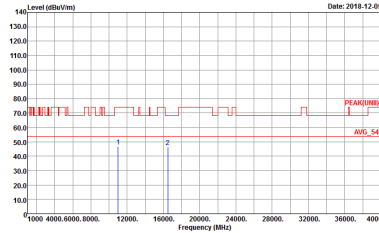
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	Left blank



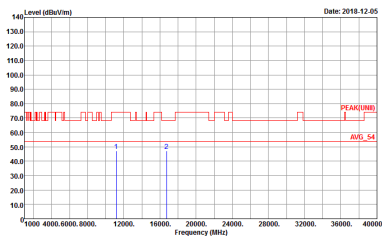
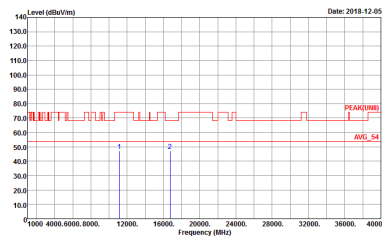
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-19V Condition : PEAK_BE[UNIT], B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 802416-02	Left blank



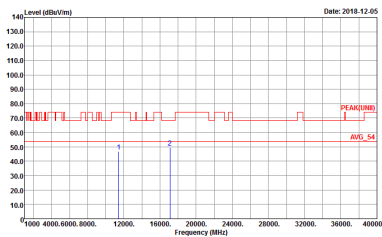
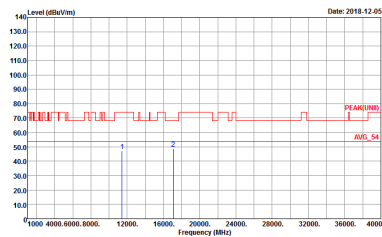
Band 3 - 5470~5725MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



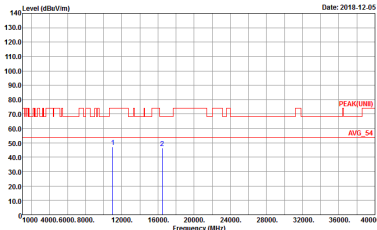
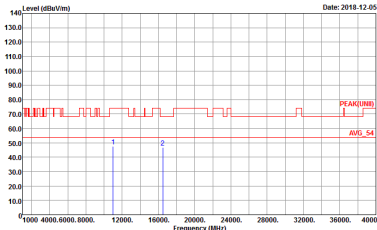
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



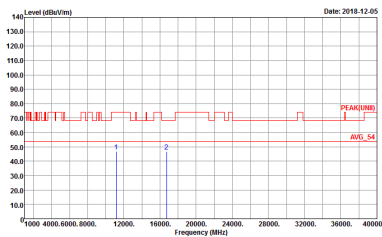
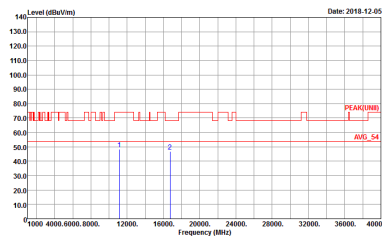
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



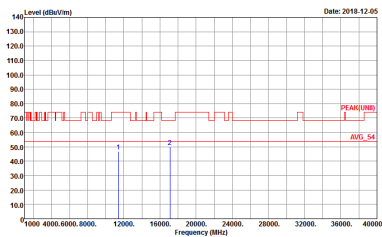
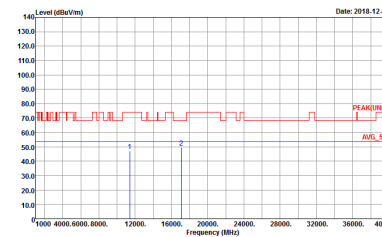
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



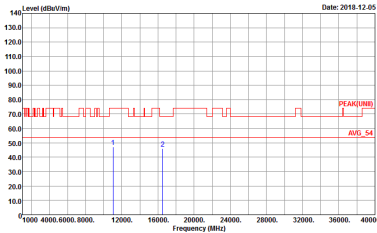
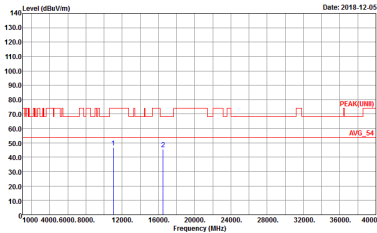
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



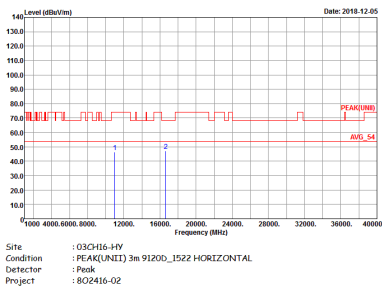
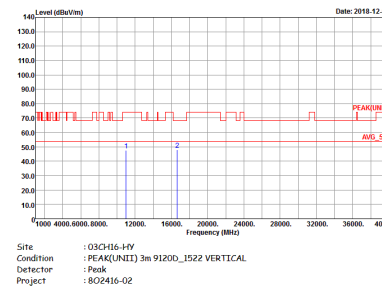
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x1F	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x1F



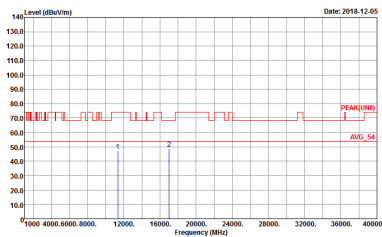
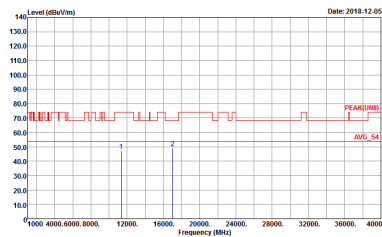
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02 Setting : 0x18	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02 Setting : 0x18



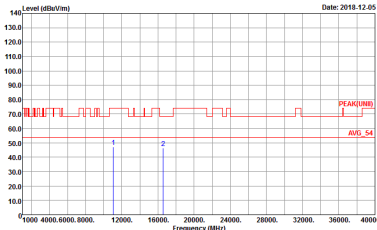
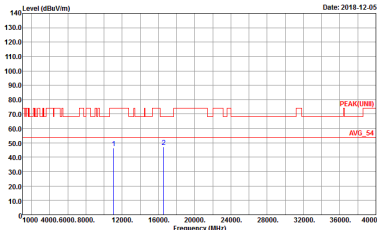
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.		



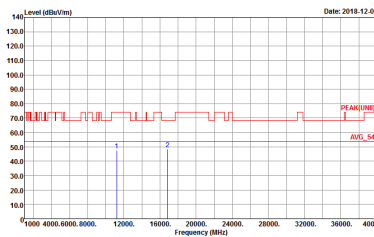
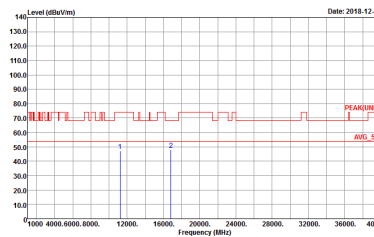
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 802416-02



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

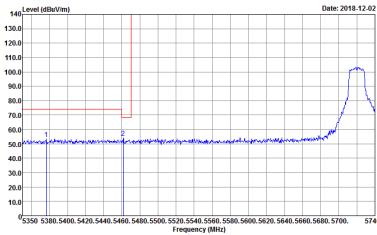
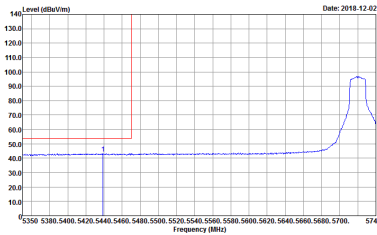
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02 Setting : 0x14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02 Setting : 0x14



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 8O2416-02	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 8O2416-02



Band 3 - Straddle Channel
WIFI 802.11a (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : STRADDLES U-NII-1A2A 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02	 Site : 03CH16-11Y Condition : U-NII-1A2A AVERAGE 3m 91200_1522 HORIZONTAL Detector : Peak Project : 802416-02