FCC RADIO TEST REPORT

FCC ID	:	**IHDT56XN2**
Equipment	:	**Mobile Cellular Phone**
Brand Name	:	**Motorola**
Model Name	:	**XT1965-2**
Applicant	:	**Motorola Mobility LLC** **222 W,Merchandise Mart Plaza, Chicago IL 60654 USA**
Manufacturer	:	**Motorola Mobility LLC** **222 W,Merchandise Mart Plaza, Chicago IL 60654 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Sep. 04, 2018 and testing was started from Sep. 12, 2018 and completed on Oct. 02, 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: Joseph Lin

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
FR890437E	01	Initial issue of report	Oct. 04, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.03 dB at 5466.960 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 9.11 dB at 0.562 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

Product Feature		
Equipment	Mobile Cellular Phone	
Brand Name	Motorola	
Model Name	XT1965-2	
Sample 1	Dual SIM	
Sample 2	Single SIM	
FCC ID	IHDT56XN2	
IMEI Code	**Conducted :**	IMEI 1: 355577090032556 IMEI 2: 355577090032564
	Conduction :	IMEI 1: 355577090033497 IMEI 2: 355577090033505
	Radiation :	IMEI 1: 355577090033414 IMEI 2: 355577090033422 IMEI 1: 355577090033455 IMEI 2: 355577090033463
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/GNSS/NFC/FM WLAN 11b/g/n/ac HT20/VHT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE	
HW Version	DVT1-B	
EUT Stage	Identical Prototype	

Remark: The above EUT's information was declared by manufacturer.

Accessory List	
AC Adapter 1	Brand Name : Motorola
	Model Name : SC-31
	Manufacturer : Salom
AC Adapter 1	Brand Name : Motorola
	Model Name : SC-32
	Manufacturer : Salom
AC Adapter 1	Brand Name : Motorola
	Model Name : SC-37
	Manufacturer : Salom
AC Adapter 1	Brand Name : Motorola
	Model Name : SC-36
	Manufacturer : Salom
AC Adapter 1	Brand Name : Motorola
	Model Name : SC-32
	Manufacturer : Salom
AC Adapter 2	Brand Name : Motorola
	Model Name : SC-31
	Manufacturer : Acbel
AC Adapter 2	Brand Name : Motorola
	Model Name : SC-32
	Manufacturer : Acbel
AC Adapter 2	Brand Name : Motorola
	Model Name : SC-36
	Manufacturer : Acbel
AC Adapter 2	Brand Name : Motorola
	Model Name : SC-37
	Manufacturer : Acbel
Battery	Brand Name : Motorola
	Model Name : JG40
	Manufacturer : Amperex
Earphone	Brand Name : Motorola
	Model Name : SH38C37773
	Manufacturer : Lyand
USB Cable 1	Brand Name : Cabletech
	Model Name : SC18C37155
USB Cable 2	Brand Name : Luxshare
	Model Name : SC18C37156
USB Cable 3	Brand Name : Saibao
	Model Name : SC18C37157

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 17.48 dBm / 0.0560 W 802.11n HT20 : 17.42 dBm / 0.0552 W 802.11n HT40 : 17.32 dBm / 0.0540 W 802.11ac VHT20 : 17.35 dBm / 0.0543 W 802.11ac VHT40 : 17.31 dBm / 0.0538 W 802.11ac VHT80 : 13.67 dBm / 0.0233 W **<5260 MHz ~ 5320 MHz>** 802.11a : 17.59 dBm / 0.0574 W 802.11n HT20 : 17.49 dBm / 0.0561 W 802.11n HT40 : 17.34 dBm / 0.0542 W 802.11ac VHT20 : 17.43 dBm / 0.0553 W 802.11ac VHT40 : 17.33 dBm / 0.0541 W 802.11ac VHT80 : 14.78 dBm / 0.0301 W **<5500 MHz ~ 5700 MHz >** 802.11a : 17.59 dBm / 0.0574 W 802.11n HT20 : 17.54 dBm / 0.0568 W 802.11n HT40 : 17.77 dBm / 0.0598 W 802.11ac VHT20 : 17.45 dBm / 0.0556 W 802.11ac VHT40 : 17.75 dBm / 0.0596 W 802.11ac VHT80 : 15.79 dBm / 0.0379 W
99% Occupied Bandwidth	802.11a : 17.20 MHz 802.11n HT20 : 18.15 MHz 802.11n HT40 : 36.80 MHz 802.11ac VHT80 : 77.28 MHz
Antenna Type / Gain	**<5150 MHz ~ 5250 MHz>** Internal Antenna with gain -1.80 dBi **<5250 MHz ~ 5350 MHz>** Internal Antenna with gain -1.82 dBi **<5470 MHz ~ 5725 MHz>** Internal Antenna with gain -1.57 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Remark: The WLAN operation in 5600 MHz ~ 5650 MHz is notched.

1.3 Modification of EUT

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

1.4 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.**
	03CH15-HY

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

1.5 Applicable Standards

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

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

Remark:

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 (X plane) were recorded in this report.

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

2.1 Carrier Frequency and Channel

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

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

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

Note:

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

2.2 Test Mode

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

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 1 Type C (Charging from Adapter 1) for Sample 1
Remark: For Radiated Test Cases, the tests were performed with Adapter 1, USB Cable 1 Type C and Sample 1	

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

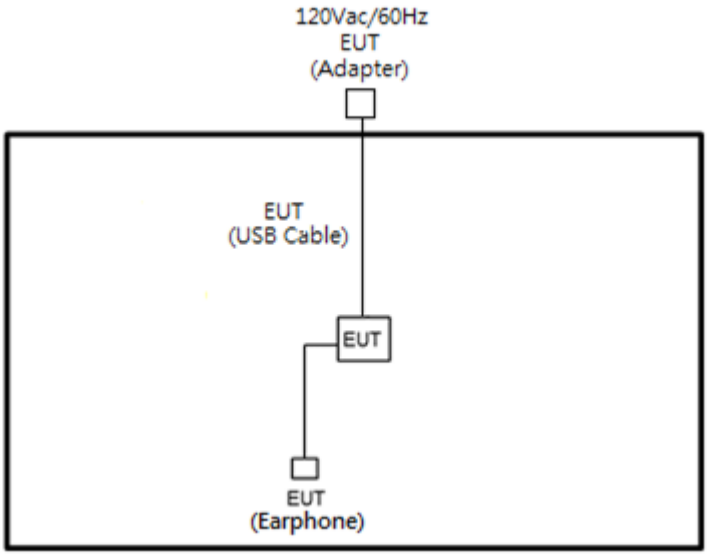
Ch. #		Band I：5150-5250 MHz 802.11n HT20	Band II：5250-5350 MHz 802.11n HT20	Band III：5470-5725MHz 802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

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

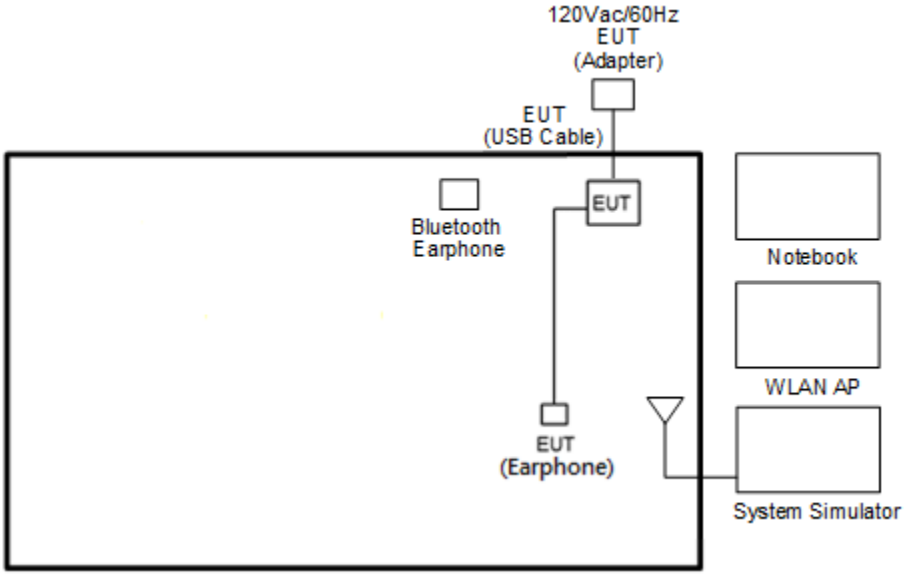
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	-

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY700A2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	Notebook	DELL	P20G	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 “CMD” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

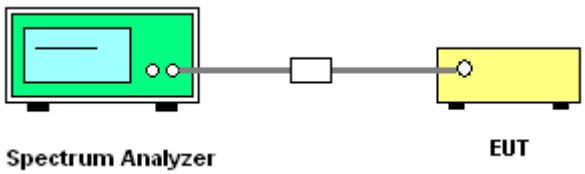
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

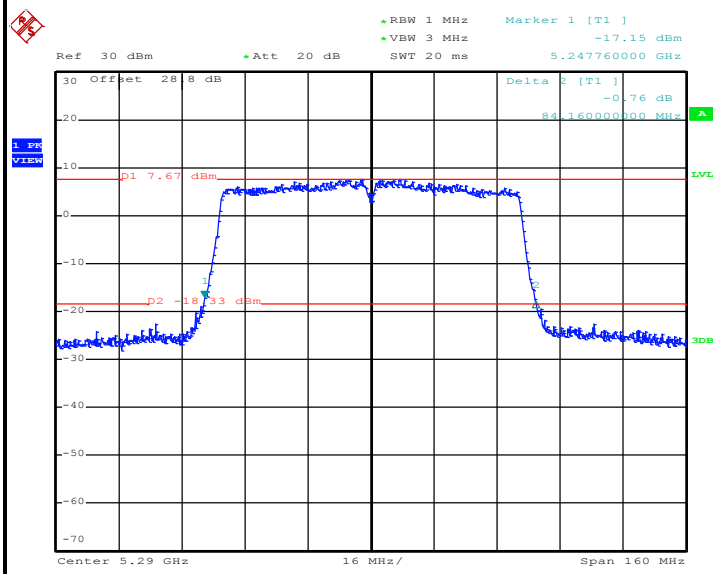
3.1.4 Test Setup



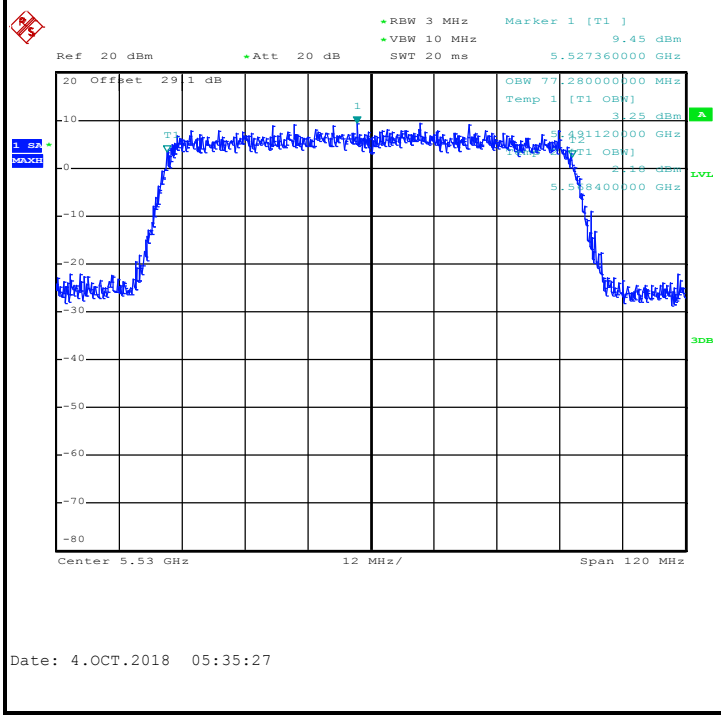
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

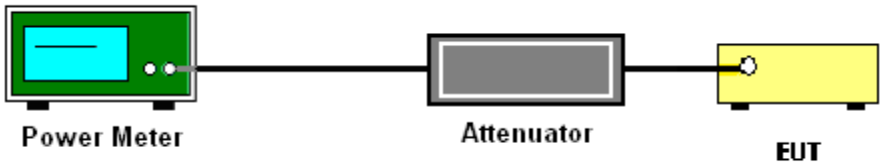
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

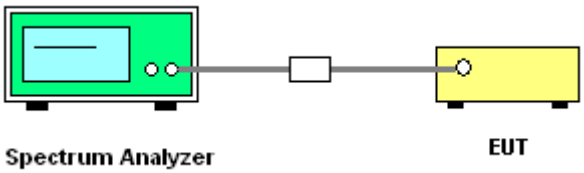
 # Method SA-2 #

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

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

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

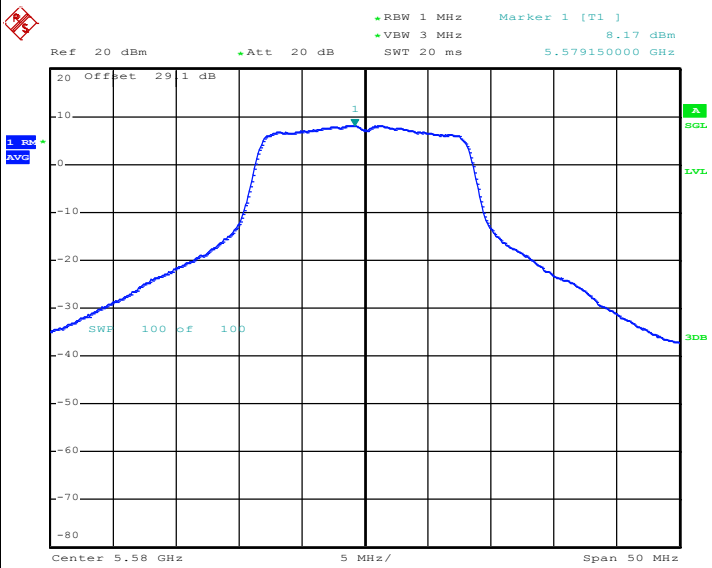
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

   Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

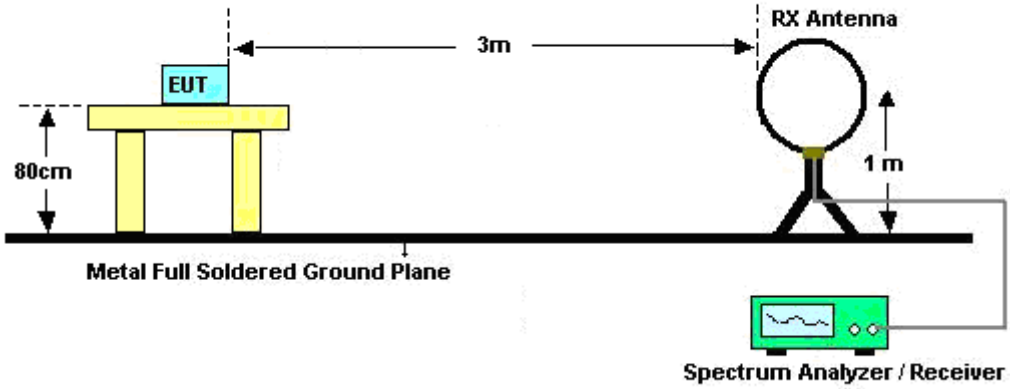
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

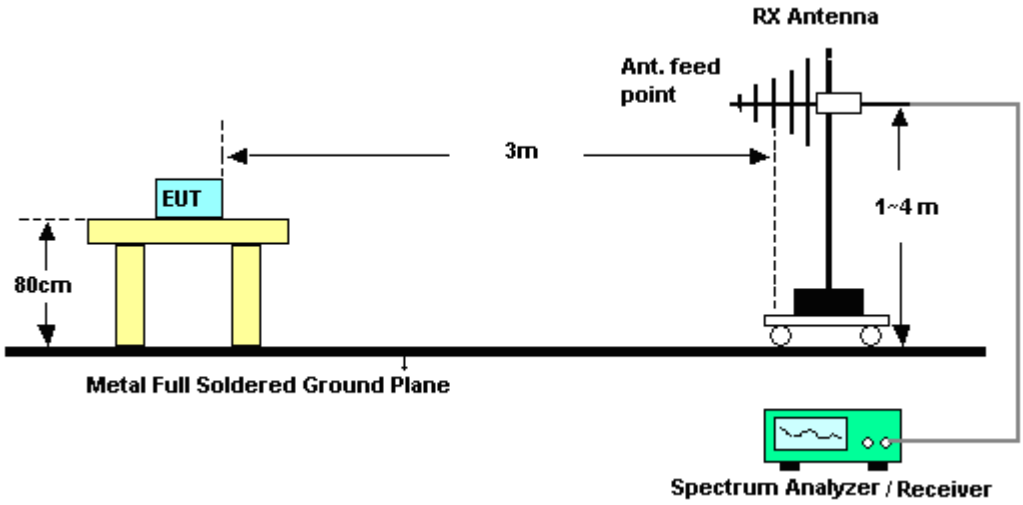
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

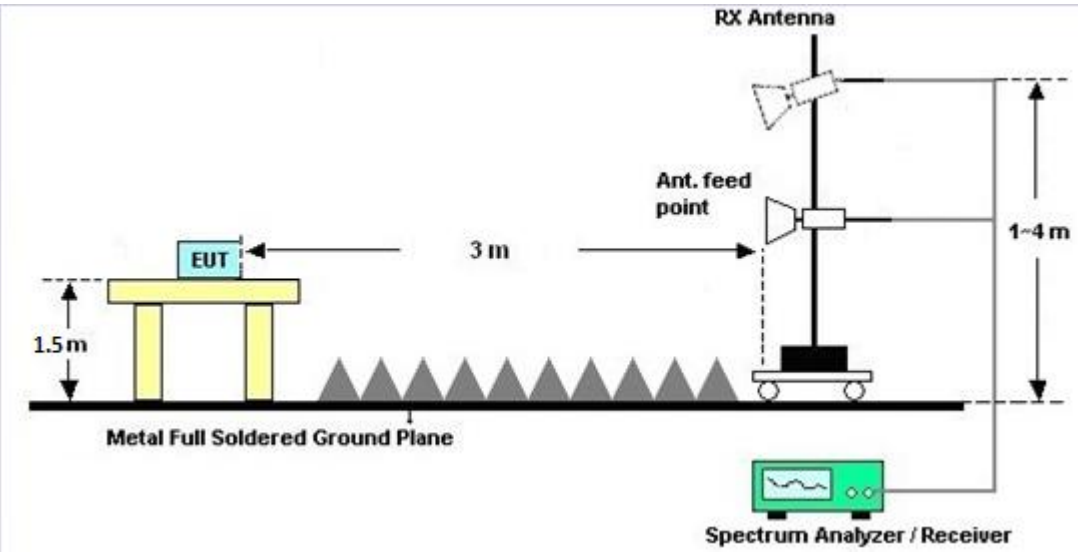
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

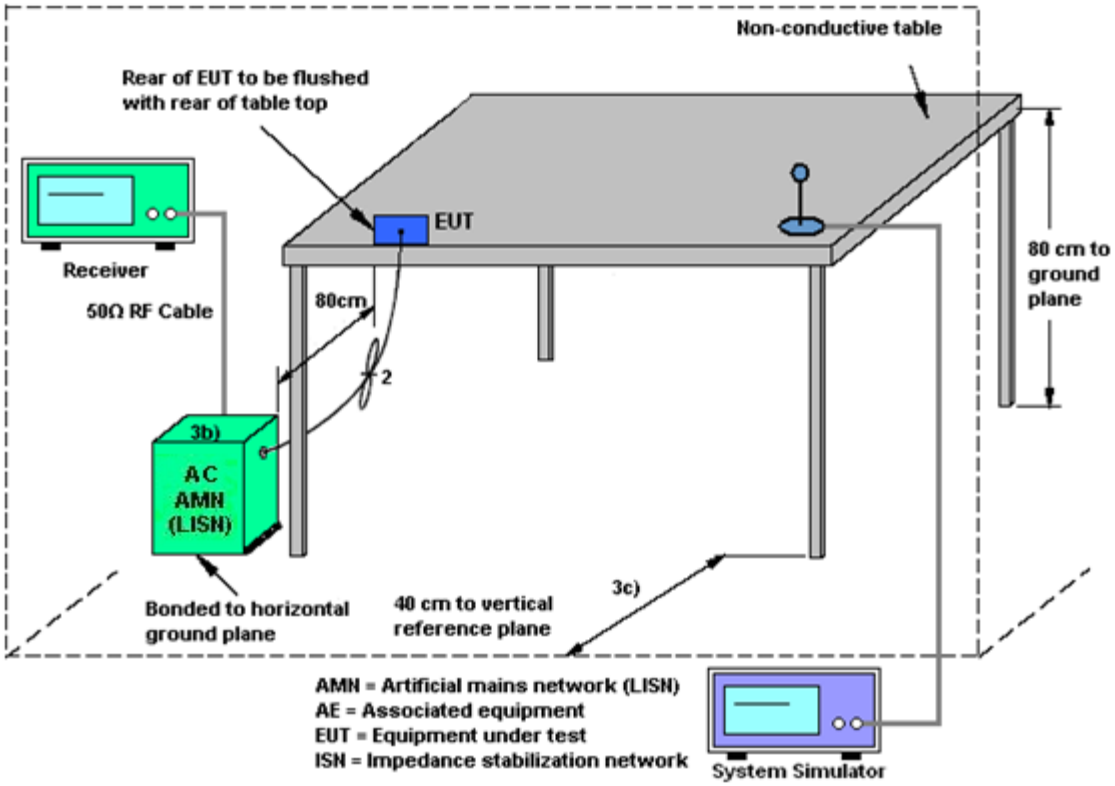
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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	DTM-303A	TP157075	N/A	Mar. 06, 2018	Sep. 12, 2018~ Oct. 04, 2018	Mar. 05, 2019	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1132003	N/A	Aug. 16, 2018	Sep. 12, 2018~ Oct. 04, 2018	Aug. 15, 2019	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1126017	300MHz~40GHz	Aug. 16, 2018	Sep. 12, 2018~ Oct. 04, 2018	Aug. 15, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2017	Sep. 12, 2018~ Oct. 04, 2018	Nov. 20, 2018	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 07, 2017	Sep. 12, 2018~ Oct. 04, 2018	Nov. 06, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Mar. 01, 2018	Sep. 12, 2018~ Oct. 04, 2018	Feb. 28, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 17, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Dec. 08, 2017	Sep. 17, 2018	Dec. 07, 2018	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Mar. 06, 2018	Sep. 17, 2018	Mar. 05, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Sep. 17, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 17, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Sep. 17, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Sep. 17, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Sep. 16, 2018~ Sep. 30, 2018	Nov. 22, 2018	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL6111D&00800N1D01N-06	41912&05	30MHz to 1GHz	Jan. 10, 2018	Sep. 16, 2018~ Sep. 30, 2018	Jan. 09, 2019	Radiation (03CH15-HY)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000550006	1GHz~18GHz	Jul. 10, 2018	Sep. 16, 2018~ Sep. 30, 2018	Jul. 09, 2019	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY54130085	20Hz ~ 8.4GHz	Oct. 31, 2017	Sep. 16, 2018~ Sep. 30, 2018	Oct. 30, 2018	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1620	1G~18GHz	Oct. 03, 2017	Sep. 16, 2018~ Sep. 30, 2018	Oct. 02, 2018	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-303B	TP162976	N/A	Oct. 12, 2017	Sep. 16, 2018~ Sep. 30, 2018	Oct. 11, 2018	Radiation (03CH15-HY)
Preamplifier	Keysight	83017A	MY53270195	1GHz~26.5GHz	Aug. 23, 2018	Sep. 16, 2018~ Sep. 30, 2018	Aug. 22, 2019	Radiation (03CH15-HY)
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	Apr. 25, 2018	Sep. 16, 2018~ Sep. 30, 2018	Apr. 24, 2019	Radiation (03CH15-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Sep. 16, 2018~ Sep. 30, 2018	N/A	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 16, 2018~ Sep. 30, 2018	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 16, 2018~ Sep. 30, 2018	N/A	Radiation (03CH15-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Sep. 16, 2018~ Sep. 30, 2018	Jul. 15, 2019	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 27, 2017	Sep. 16, 2018~ Sep. 30, 2018	Nov. 26, 2018	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(K5)	ARD-SPR-000185	N/A	N/A	Sep. 16, 2018~ Sep. 30, 2018	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M-18G	Apr. 16, 2018	Sep. 16, 2018~ Sep. 30, 2018	Apr. 15, 2019	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9838/4	30M-18GHz	Apr. 16, 2018	Sep. 16, 2018~ Sep. 30, 2018	Apr. 15, 2019	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	MTJ	000000-MT18A-100D3210	30M-18G	Apr. 16, 2018	Sep. 16, 2018~ Sep. 30, 2018	Apr. 15, 2019	Radiation (03CH15-HY)
Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 17, 2017	Sep. 16, 2018~ Sep. 30, 2018	Oct. 16, 2018	Radiation (03CH15-HY)
Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 17, 2017	Sep. 16, 2018~ Sep. 30, 2018	Oct. 16, 2018	Radiation (03CH15-HY)
Filter	Wainwright	WLKS1200-8SS	SN3	1.2G Low Pass	Nov. 21, 2017	Sep. 16, 2018~ Sep. 30, 2018	Nov. 20, 2018	Radiation (03CH15-HY)
Filter	Wainwright	WLKS4500-8SS	SN19	4.5G Low Pass	Mar. 22, 2018	Sep. 16, 2018~ Sep. 30, 2018	Mar. 21, 2019	Radiation (03CH15-HY)
Filter	Woken	WHKX8-5272.5-6750-18000-40ST	SN2	6.75G Highpass	Jul. 15, 2018	Sep. 16, 2018~ Sep. 30, 2018	Jul. 14, 2019	Radiation (03CH15-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**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.50**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiang Wang/ Aking Chang	Temperature:	21~25	°C
Test Date:	2018/09/12~2018/10/04	Relative Humidity:	51~54	%

Report Number : FR890437E

TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.90	-	26.15	-	-		22.28	-		
11a	6Mbps	1	44	5220	16.95	-	26.60	-	-		22.29	-		
11a	6Mbps	1	48	5240	17.00	-	26.90	-	-		22.30	-		
HT20	MCS0	1	36	5180	18.00	-	27.40	-	-		22.55	-		
HT20	MCS0	1	44	5220	18.05	-	28.00	-	-		22.56	-		
HT20	MCS0	1	48	5240	18.10	-	29.00	-	-		22.58	-		
HT40	MCS0	1	38	5190	36.80	-	51.84	-	-		23.01	-		
HT40	MCS0	1	46	5230	36.80	-	50.22	-	-		23.01	-		
VHT80	MCS0	1	42	5210	77.16	-	83.84	-	-		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	-	17.16	-		24.00	-	-1.80	-		Pass
11a	6Mbps	1	44	5220	0.21	-	17.48	-		24.00	-	-1.80	-		Pass
11a	6Mbps	1	48	5240	0.21	-	17.47	-		24.00	-	-1.80	-		Pass
HT20	MCS0	1	36	5180	0.22	-	17.11	-		24.00	-	-1.80	-		Pass
HT20	MCS0	1	44	5220	0.22	-	17.33	-		24.00	-	-1.80	-		Pass
HT20	MCS0	1	48	5240	0.22	-	17.42	-		24.00	-	-1.80	-		Pass
HT40	MCS0	1	38	5190	0.41	-	13.83	-		24.00	-	-1.80	-		Pass
HT40	MCS0	1	46	5230	0.41	-	17.32	-		24.00	-	-1.80	-		Pass
VHT20	MCS0	1	36	5180	0.22	-	16.97	-		24.00	-	-1.80	-		Pass
VHT20	MCS0	1	44	5220	0.22	-	17.32	-		24.00	-	-1.80	-		Pass
VHT20	MCS0	1	48	5240	0.22	-	17.35	-		24.00	-	-1.80	-		Pass
VHT40	MCS0	1	38	5190	0.41	-	13.79	-		24.00	-	-1.80	-		Pass
VHT40	MCS0	1	46	5230	0.41	-	17.31	-		24.00	-	-1.80	-		Pass
VHT80	MCS0	1	42	5210	0.57	-	13.67	-		24.00	-	-1.80	-		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	-	6.92	-		11.00	-	-1.80	-		Pass
11a	6Mbps	1	44	5220	0.21	-	7.33	-		11.00	-	-1.80	-		Pass
11a	6Mbps	1	48	5240	0.21	-	7.15	-		11.00	-	-1.80	-		Pass
HT20	MCS0	1	36	5180	0.22	-	6.46	-		11.00	-	-1.80	-		Pass
HT20	MCS0	1	44	5220	0.22	-	6.55	-		11.00	-	-1.80	-		Pass
HT20	MCS0	1	48	5240	0.22	-	6.45	-		11.00	-	-1.80	-		Pass
HT40	MCS0	1	38	5190	0.41	-	0.42	-		11.00	-	-1.80	-		Pass
HT40	MCS0	1	46	5230	0.41	-	3.77	-		11.00	-	-1.80	-		Pass
VHT80	MCS0	1	42	5210	0.57	-	-2.76	-		11.00	-	-1.80	-		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	17.05	-	27.10	-	23.32	-	29.32	-	23.98	-	
11a	6Mbps	1	60	5300	17.00	-	27.40	-	23.30	-	29.30	-	23.98	-	
11a	6Mbps	1	64	5320	17.20	-	28.25	-	23.36	-	29.36	-	23.98	-	
HT20	MCS0	1	52	5260	18.10	-	29.10	-	23.58	-	29.58	-	23.98	-	
HT20	MCS0	1	60	5300	18.15	-	29.45	-	23.59	-	29.59	-	23.98	-	
HT20	MCS0	1	64	5320	18.10	-	29.10	-	23.58	-	29.58	-	23.98	-	
HT40	MCS0	1	54	5270	36.80	-	42.48	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.80	-	42.48	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	76.92	-	84.16	-	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	-	17.57	-		23.98	-	-1.82	-	26.99	Pass
11a	6Mbps	1	60	5300	0.21	-	17.46	-		23.98	-	-1.82	-	26.99	Pass
11a	6Mbps	1	64	5320	0.21	-	17.59	-		23.98	-	-1.82	-	26.99	Pass
HT20	MCS0	1	52	5260	0.22	-	17.44	-		23.98	-	-1.82	-	26.99	Pass
HT20	MCS0	1	60	5300	0.22	-	17.33	-		23.98	-	-1.82	-	26.99	Pass
HT20	MCS0	1	64	5320	0.22	-	17.49	-		23.98	-	-1.82	-	26.99	Pass
HT40	MCS0	1	54	5270	0.41	-	17.34	-		23.98	-	-1.82	-	26.99	Pass
HT40	MCS0	1	62	5310	0.41	-	16.79	-		23.98	-	-1.82	-	26.99	Pass
VHT20	MCS0	1	52	5260	0.22	-	17.33	-		23.98	-	-1.82	-	26.99	Pass
VHT20	MCS0	1	60	5300	0.22	-	17.19	-		23.98	-	-1.82	-	26.99	Pass
VHT20	MCS0	1	64	5320	0.22	-	17.43	-		23.98	-	-1.82	-	26.99	Pass
VHT40	MCS0	1	54	5270	0.41	-	17.33	-		23.98	-	-1.82	-	26.99	Pass
VHT40	MCS0	1	62	5310	0.41	-	16.71	-		23.98	-	-1.82	-	26.99	Pass
VHT80	MCS0	1	58	5290	0.57	-	14.78	-		23.98	-	-1.82	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.21	-	7.19	-		11.00	-	-1.82	-		Pass
11a	6Mbps	1	60	5300	0.21	-	6.89	-		11.00	-	-1.82	-		Pass
11a	6Mbps	1	64	5320	0.21	-	6.88	-		11.00	-	-1.82	-		Pass
HT20	MCS0	1	52	5260	0.22	-	6.53	-		11.00	-	-1.82	-		Pass
HT20	MCS0	1	60	5300	0.22	-	6.21	-		11.00	-	-1.82	-		Pass
HT20	MCS0	1	64	5320	0.22	-	6.17	-		11.00	-	-1.82	-		Pass
HT40	MCS0	1	54	5270	0.41	-	3.58	-		11.00	-	-1.82	-		Pass
HT40	MCS0	1	62	5310	0.41	-	3.15	-		11.00	-	-1.82	-		Pass
VHT80	MCS0	1	58	5290	0.57	-	-1.61	-		11.00	-	-1.82	-		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	17.00	-	28.20	-	23.30	-	29.30	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.05	-	26.80	-	23.32	-	29.32	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.75	-	24.80	-	23.24	-	29.24	-	23.98	-	----	----
HT20	MCS0	1	100	5500	17.95	-	26.66	-	23.54	-	29.54	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.10	-	28.80	-	23.58	-	29.58	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.00	-	25.70	-	23.55	-	29.55	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.80	-	42.48	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.80	-	42.30	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.80	-	42.38	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	77.28	-	84.16	-	23.98	-	30.00	-	23.98	-	----	----

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	-	17.37	-		23.98	-	-1.57	-	26.99	Pass
11a	6Mbps	1	116	5580	0.21	-	17.59	-		23.98	-	-1.57	-	26.99	Pass
11a	6Mbps	1	140	5700	0.21	-	15.00	-		23.98	-	-1.57	-	26.99	Pass
HT20	MCS0	1	100	5500	0.22	-	17.05	-		23.98	-	-1.57	-	26.99	Pass
HT20	MCS0	1	116	5580	0.22	-	17.54	-		23.98	-	-1.57	-	26.99	Pass
HT20	MCS0	1	140	5700	0.22	-	15.45	-		23.98	-	-1.57	-	26.99	Pass
HT40	MCS0	1	102	5510	0.41	-	14.55	-		23.98	-	-1.57	-	26.99	Pass
HT40	MCS0	1	110	5550	0.41	-	17.77	-		23.98	-	-1.57	-	26.99	Pass
HT40	MCS0	1	134	5670	0.41	-	17.06	-		23.98	-	-1.57	-	26.99	Pass
VHT20	MCS0	1	100	5500	0.22	-	17.01	-		23.98	-	-1.57	-	26.99	Pass
VHT20	MCS0	1	116	5580	0.22	-	17.45	-		23.98	-	-1.57	-	26.99	Pass
VHT20	MCS0	1	140	5700	0.22	-	15.19	-		23.98	-	-1.57	-	26.99	Pass
VHT40	MCS0	1	102	5510	0.41	-	14.49	-		23.98	-	-1.57	-	26.99	Pass
VHT40	MCS0	1	110	5550	0.41	-	17.75	-		23.98	-	-1.57	-	26.99	Pass
VHT40	MCS0	1	134	5670	0.41	-	17.00	-		23.98	-	-1.57	-	26.99	Pass
VHT80	MCS0	1	106	5530	0.57	-	12.37	-		23.98	-	-1.57	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.21	-	7.49	-		11.00	-	-1.57	-		Pass
11a	6Mbps	1	116	5580	0.21	-	8.38	-		11.00	-	-1.57	-		Pass
11a	6Mbps	1	140	5700	0.21	-	4.38	-		11.00	-	-1.57	-		Pass
HT20	MCS0	1	100	5500	0.22	-	6.02	-		11.00	-	-1.57	-		Pass
HT20	MCS0	1	116	5580	0.22	-	7.83	-		11.00	-	-1.57	-		Pass
HT20	MCS0	1	140	5700	0.22	-	4.69	-		11.00	-	-1.57	-		Pass
HT40	MCS0	1	102	5510	0.41	-	0.90	-		11.00	-	-1.57	-		Pass
HT40	MCS0	1	110	5550	0.41	-	5.20	-		11.00	-	-1.57	-		Pass
HT40	MCS0	1	134	5670	0.41	-	3.21	-		11.00	-	-1.57	-		Pass
VHT80	MCS0	1	106	5530	0.57	-	-4.26	-		11.00	-	-1.57	-		Pass

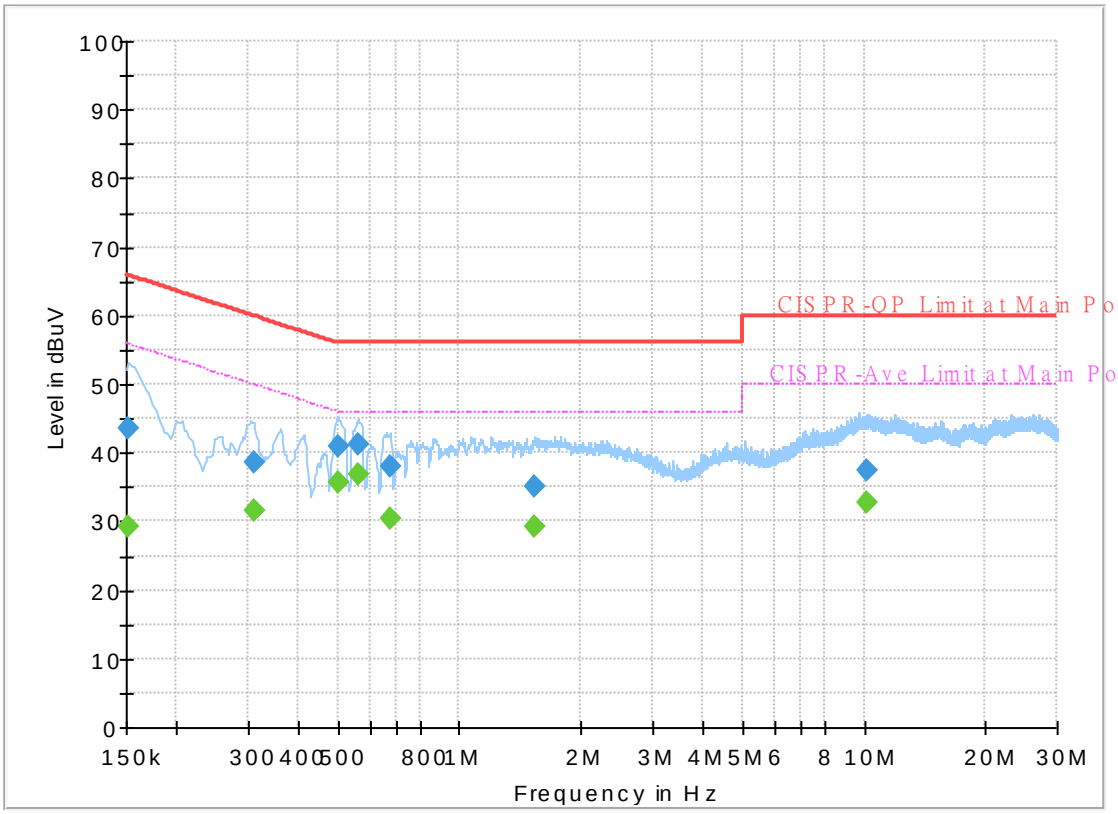
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Rick Lin	**Temperature :**	22~23℃
		Relative Humidity :	48~49%

EUT Information

Report NO :	890437
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



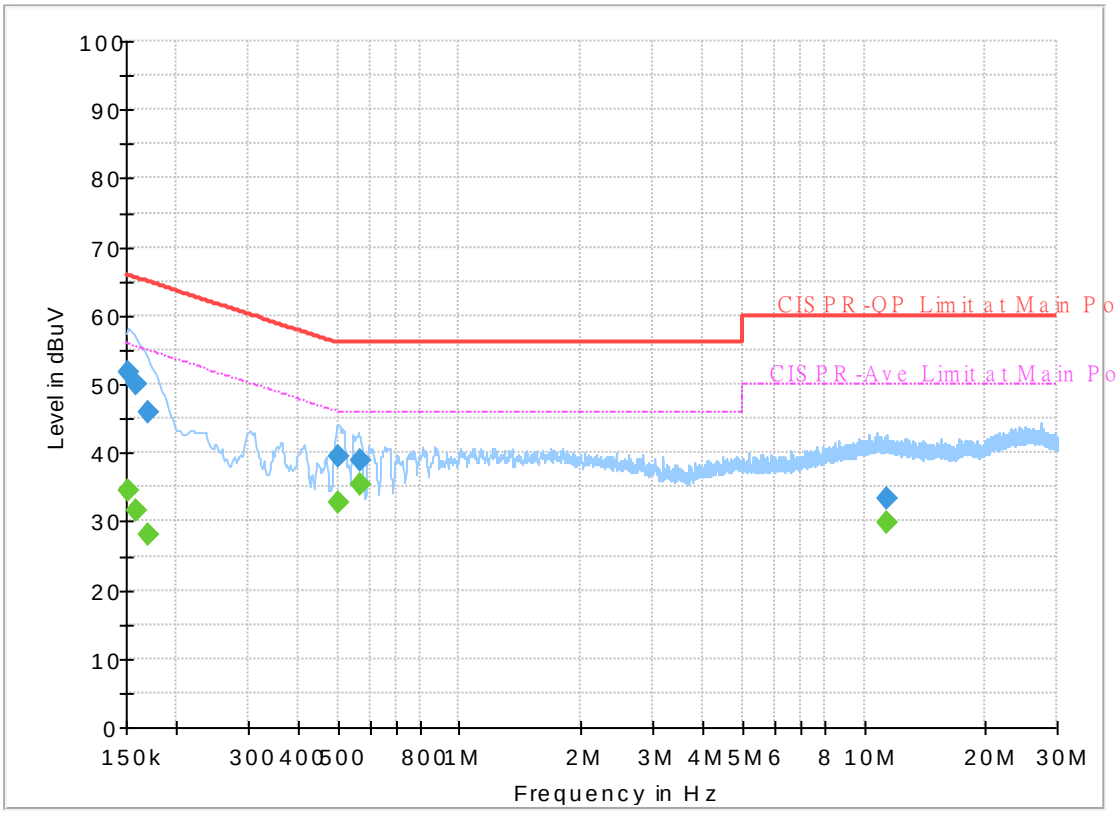
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	29.23	55.88	26.65	L1	OFF	19.5
0.152250	43.71	---	65.88	22.17	L1	OFF	19.5
0.309750	---	31.52	49.98	18.46	L1	OFF	19.5
0.309750	38.73	---	59.98	21.25	L1	OFF	19.5
0.501000	---	35.58	46.00	10.42	L1	OFF	19.5
0.501000	41.06	---	56.00	14.94	L1	OFF	19.5
0.561750	---	36.89	46.00	9.11	L1	OFF	19.5
0.561750	41.22	---	56.00	14.78	L1	OFF	19.5
0.676500	---	30.49	46.00	15.51	L1	OFF	19.6
0.676500	38.03	---	56.00	17.97	L1	OFF	19.6
1.540500	---	29.36	46.00	16.64	L1	OFF	19.6
1.540500	34.95	---	56.00	21.05	L1	OFF	19.6
10.133250	---	32.85	50.00	17.15	L1	OFF	19.9
10.133250	37.49	---	60.00	22.51	L1	OFF	19.9

EUT Information

Report NO :	890437
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	---	34.60	55.88	21.28	N	OFF	19.5
0.152250	51.85	---	65.88	14.03	N	OFF	19.5
0.159000	---	31.52	55.52	24.00	N	OFF	19.5
0.159000	50.07	---	65.52	15.45	N	OFF	19.5
0.170250	---	27.93	54.95	27.02	N	OFF	19.5
0.170250	45.99	---	64.95	18.96	N	OFF	19.5
0.501000	---	32.62	46.00	13.38	N	OFF	19.5
0.501000	39.39	---	56.00	16.61	N	OFF	19.5
0.568500	---	35.36	46.00	10.64	N	OFF	19.5
0.568500	38.87	---	56.00	17.13	N	OFF	19.5
11.406750	---	29.92	50.00	20.08	N	OFF	20.0
11.406750	33.36	---	60.00	26.64	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Watt Tseng, Karl Hou, and Bill Chang	Temperature :	22~25°C
		Relative Humidity :	52~57%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.42	62.59	-11.41	74	52.27	31.79	8.63	30.1	100	91	P	H
		5149.76	46.98	-7.02	54	36.66	31.79	8.63	30.1	100	91	A	H
	*	5180	106.71	-	-	96.35	31.81	8.65	30.1	100	91	P	H
	*	5180	99.04	-	-	88.68	31.81	8.65	30.1	100	91	A	H
													H
													H
		5142.48	62.76	-11.24	74	52.44	31.79	8.63	30.1	100	222	P	V
		5148.98	46.93	-7.07	54	36.61	31.79	8.63	30.1	100	222	A	V
	*	5180	107.59	-	-	97.23	31.81	8.65	30.1	100	222	P	V
	*	5180	100.13	-	-	89.77	31.81	8.65	30.1	100	222	A	V
													V
													V
802.11a CH 44 5220MHz		5148.2	55	-19	74	44.68	31.79	8.63	30.1	100	92	P	H
		5149.5	41.92	-12.08	54	31.6	31.79	8.63	30.1	100	92	A	H
	*	5220	107.42	-	-	97	31.83	8.7	30.11	100	92	P	H
	*	5220	99.75	-	-	89.33	31.83	8.7	30.11	100	92	A	H
		5443.48	49.77	-24.23	74	38.82	31.96	9.12	30.13	100	92	P	H
		5369.28	41.18	-12.82	54	30.34	31.92	9.04	30.12	100	92	A	H
		5147.94	54.43	-19.57	74	44.11	31.79	8.63	30.1	103	230	P	V
		5150	41.99	-12.01	54	31.66	31.79	8.64	30.1	103	230	A	V
	*	5220	108.56	-	-	98.14	31.83	8.7	30.11	103	230	P	V
	*	5220	101.04	-	-	90.62	31.83	8.7	30.11	103	230	A	V
		5445.16	50.33	-23.67	74	39.38	31.96	9.12	30.13	103	230	P	V
		5358.92	41.21	-12.79	54	30.4	31.91	9.02	30.12	103	230	A	V

802.11a CH 48 5240MHz		5098.54	49.65	-24.35	74	39.37	31.76	8.61	30.09	100	85	P	H
		5143.78	41.01	-12.99	54	30.69	31.79	8.63	30.1	100	85	A	H
	*	5240	107.59	-	-	97.11	31.84	8.75	30.11	100	85	P	H
	*	5240	100.09	-	-	89.61	31.84	8.75	30.11	100	85	A	H
		5447.96	49.93	-24.07	74	38.97	31.97	9.12	30.13	100	85	P	H
		5355.56	41.24	-12.76	54	30.44	31.91	9.01	30.12	100	85	A	H
		5150	51.2	-22.8	74	40.87	31.79	8.64	30.1	100	230	P	V
		5147.94	41.09	-12.91	54	30.77	31.79	8.63	30.1	100	230	A	V
	*	5240	109.79	-	-	99.31	31.84	8.75	30.11	100	230	P	V
	*	5240	101.94	-	-	91.46	31.84	8.75	30.11	100	230	A	V
		5359.76	50.62	-23.38	74	39.81	31.91	9.02	30.12	100	230	P	V
		5350.52	41.31	-12.69	54	30.52	31.91	9	30.12	100	230	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (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	48.67	-19.53	68.2	57.06	39.63	13.33	61.35	100	0	P	H
		15540	44.8	-29.2	74	52.65	37.92	16.67	62.44	100	0	P	H
													H
													H
		10360	50.88	-17.32	68.2	59.27	39.63	13.33	61.35	100	0	P	V
		15540	44.7	-29.3	74	52.55	37.92	16.67	62.44	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.78	-21.42	68.2	55.12	39.77	13.38	61.49	100	0	P	H
		15660	43.86	-30.14	74	51.6	37.63	16.87	62.24	100	0	P	H
													H
													H
		10440	49.21	-18.99	68.2	57.55	39.77	13.38	61.49	100	0	P	V
		15660	45.6	-28.4	74	53.34	37.63	16.87	62.24	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.44	-20.76	68.2	55.73	39.87	13.4	61.56	100	0	P	H
		15720	44.87	-29.13	74	52.61	37.46	16.95	62.15	100	0	P	H
													H
													H
		10480	49.21	-18.99	68.2	57.5	39.87	13.4	61.56	100	0	P	V
		15720	46.37	-27.63	74	54.11	37.46	16.95	62.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n 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)
		5140.92	62.07	-11.93	74	51.75	31.79	8.63	30.1	100	91	P	H
		5149.76	47.14	-6.86	54	36.82	31.79	8.63	30.1	100	91	A	H
	*	5180	106.37	-	-	96.01	31.81	8.65	30.1	100	91	P	H
	*	5180	98.67	-	-	88.31	31.81	8.65	30.1	100	91	A	H
802.11n													H
HT20													H
CH 36		5143	60.26	-13.74	74	49.94	31.79	8.63	30.1	100	223	P	V
5180MHz		5150	47.01	-6.99	54	36.68	31.79	8.64	30.1	100	223	A	V
	*	5180	107.55	-	-	97.19	31.81	8.65	30.1	100	223	P	V
	*	5180	99.55	-	-	89.19	31.81	8.65	30.1	100	223	A	V
													V
													V
		5148.72	54.65	-19.35	74	44.33	31.79	8.63	30.1	100	92	P	H
		5150	42.32	-11.68	54	31.99	31.79	8.64	30.1	100	92	A	H
	*	5220	107.07	-	-	96.65	31.83	8.7	30.11	100	92	P	H
	*	5220	99.33	-	-	88.91	31.83	8.7	30.11	100	92	A	H
802.11n		5393.36	50.06	-23.94	74	39.16	31.93	9.1	30.13	100	92	P	H
HT20		5447.96	41.16	-12.84	54	30.2	31.97	9.12	30.13	100	92	A	H
CH 44		5149.5	53.4	-20.6	74	43.08	31.79	8.63	30.1	100	231	P	V
5220MHz		5149.5	41.96	-12.04	54	31.64	31.79	8.63	30.1	100	231	A	V
	*	5220	108.13	-	-	97.71	31.83	8.7	30.11	100	231	P	V
	*	5220	100.56	-	-	90.14	31.83	8.7	30.11	100	231	A	V
		5377.68	49.94	-24.06	74	39.08	31.93	9.06	30.13	100	231	P	V
		5395.88	41.15	-12.85	54	30.24	31.94	9.1	30.13	100	231	A	V

		5062.92	50.52	-23.48	74	40.28	31.74	8.59	30.09	100	86	P	H
		5148.2	41.12	-12.88	54	30.8	31.79	8.63	30.1	100	86	A	H
	*	5240	107.05	-	-	96.57	31.84	8.75	30.11	100	86	P	H
	*	5240	99.36	-	-	88.88	31.84	8.75	30.11	100	86	A	H
802.11n		5356.68	50.89	-23.11	74	40.09	31.91	9.01	30.12	100	86	P	H
HT20		5356.68	41.17	-12.83	54	30.37	31.91	9.01	30.12	100	86	A	H
CH 48		5116.74	49.95	-24.05	74	39.65	31.77	8.62	30.09	100	229	P	V
5240MHz		5148.72	41.14	-12.86	54	30.82	31.79	8.63	30.1	100	229	A	V
	*	5240	109.08	-	-	98.6	31.84	8.75	30.11	100	229	P	V
	*	5240	101.4	-	-	90.92	31.84	8.75	30.11	100	229	A	V
		5456.08	50.01	-23.99	74	39.06	31.97	9.12	30.14	100	229	P	V
		5458.88	41.35	-12.65	54	30.4	31.97	9.12	30.14	100	229	A	V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	46.38	-21.82	68.2	54.77	39.63	13.33	61.35	100	0	P	H
		15540	44.18	-29.82	74	52.03	37.92	16.67	62.44	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	50.68	-17.52	68.2	59.07	39.63	13.33	61.35	100	0	P	V
5180MHz		15540	44.32	-29.68	74	52.17	37.92	16.67	62.44	100	0	P	V
													V
													V
		10440	45.11	-23.09	68.2	53.45	39.77	13.38	61.49	100	0	P	H
		15660	43.95	-30.05	74	51.69	37.63	16.87	62.24	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	48.78	-19.42	68.2	57.12	39.77	13.38	61.49	100	0	P	V
5220MHz		15660	43.69	-30.31	74	51.43	37.63	16.87	62.24	100	0	P	V
													V
													V
		10480	46.65	-21.55	68.2	54.94	39.87	13.4	61.56	100	0	P	H
		15720	44.31	-29.69	74	52.05	37.46	16.95	62.15	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	48.55	-19.65	68.2	56.84	39.87	13.4	61.56	100	0	P	V
5240MHz		15720	45.21	-28.79	74	52.95	37.46	16.95	62.15	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	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)
		5140.14	53.02	-20.98	74	42.7	31.79	8.63	30.1	118	54	P	H
		5150	45.45	-8.55	54	35.12	31.79	8.64	30.1	118	54	A	H
	*	5190	100.23	-	-	89.87	31.81	8.65	30.1	118	54	P	H
	*	5190	92.37	-	-	82.01	31.81	8.65	30.1	118	54	A	H
802.11n		5404.56	49.83	-24.17	74	38.91	31.94	9.11	30.13	118	54	P	H
HT40		5434.52	41.91	-12.09	54	30.96	31.96	9.12	30.13	118	54	A	H
CH 38		5147.42	54.74	-19.26	74	44.42	31.79	8.63	30.1	100	230	P	V
5190MHz		5149.24	46.56	-7.44	54	36.24	31.79	8.63	30.1	100	230	A	V
	*	5190	102.27	-	-	91.91	31.81	8.65	30.1	100	230	P	V
	*	5190	94.48	-	-	84.12	31.81	8.65	30.1	100	230	A	V
		5384.96	50.61	-23.39	74	39.73	31.93	9.08	30.13	100	230	P	V
		5394.48	41.63	-12.37	54	30.73	31.93	9.1	30.13	100	230	A	V
		5146.64	56.11	-17.89	74	45.79	31.79	8.63	30.1	100	62	P	H
		5149.76	43.72	-10.28	54	33.4	31.79	8.63	30.1	100	62	A	H
	*	5230	104.17	-	-	93.71	31.84	8.73	30.11	100	62	P	H
	*	5230	96.33	-	-	85.87	31.84	8.73	30.11	100	62	A	H
802.11n		5392.52	50.8	-23.2	74	39.91	31.93	9.09	30.13	100	62	P	H
HT40		5350.8	41.99	-12.01	54	31.2	31.91	9	30.12	100	62	A	H
CH 46		5146.38	57.29	-16.71	74	46.97	31.79	8.63	30.1	100	226	P	V
5230MHz		5145.34	44.16	-9.84	54	33.84	31.79	8.63	30.1	100	226	A	V
	*	5230	105.79	-	-	95.33	31.84	8.73	30.11	100	226	P	V
	*	5230	98.06	-	-	87.6	31.84	8.73	30.11	100	226	A	V
		5354.44	51.53	-22.47	74	40.73	31.91	9.01	30.12	100	226	P	V
		5356.4	42.01	-11.99	54	31.21	31.91	9.01	30.12	100	226	A	V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	46.22	-21.98	68.2	54.59	39.67	13.34	61.38	100	0	P	H
		15570	44.9	-29.1	74	52.73	37.83	16.73	62.39	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	46.31	-21.89	68.2	54.68	39.67	13.34	61.38	100	0	P	V
5190MHz		15570	44.48	-29.52	74	52.31	37.83	16.73	62.39	100	0	P	V
													V
													V
		10460	45.2	-23	68.2	53.54	39.8	13.39	61.53	100	0	P	H
		15690	42.76	-31.24	74	50.5	37.54	16.92	62.2	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	47.61	-20.59	68.2	55.95	39.8	13.39	61.53	100	0	P	V
5230MHz		15690	44.79	-29.21	74	52.53	37.54	16.92	62.2	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	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		5147.94	53.79	-20.21	74	43.47	31.79	8.63	30.1	100	57	P	H
		5147.68	46.58	-7.42	54	36.26	31.79	8.63	30.1	100	57	A	H
	*	5210	97.66	-	-	87.26	31.83	8.68	30.11	100	57	P	H
	*	5210	89.96	-	-	79.56	31.83	8.68	30.11	100	57	A	H
		5369.28	50.21	-23.79	74	39.37	31.92	9.04	30.12	100	57	P	H
		5419.96	41.67	-12.33	54	30.74	31.95	9.11	30.13	100	57	A	H
		5147.42	56.24	-17.76	74	45.92	31.79	8.63	30.1	109	230	P	V
		5147.94	47.63	-6.37	54	37.31	31.79	8.63	30.1	109	230	A	V
	*	5210	99.36	-	-	88.96	31.83	8.68	30.11	109	230	P	V
	*	5210	91.93	-	-	81.53	31.83	8.68	30.11	109	230	A	V
		5441.24	50.84	-23.16	74	39.89	31.96	9.12	30.13	109	230	P	V
		5390.84	41.65	-12.35	54	30.76	31.93	9.09	30.13	109	230	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	45.16	-23.04	68.2	53.53	39.73	13.36	61.46	100	0	P	H
		15630	45.67	-28.33	74	53.47	37.67	16.82	62.29	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	45.59	-22.61	68.2	53.96	39.73	13.36	61.46	100	0	P	V
5210MHz		15630	44.72	-29.28	74	52.52	37.67	16.82	62.29	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (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		5060.06	49.54	-24.46	74	39.3	31.74	8.59	30.09	100	88	P	H
		5138.32	40.6	-13.4	54	30.29	31.78	8.63	30.1	100	88	A	H
	*	5260	107.41	-	-	96.86	31.86	8.8	30.11	100	88	P	H
	*	5260	99.91	-	-	89.36	31.86	8.8	30.11	100	88	A	H
		5350.8	50.93	-23.07	74	40.14	31.91	9	30.12	100	88	P	H
		5350	41.31	-12.69	54	30.52	31.91	9	30.12	100	88	A	H
		5082.94	50.82	-23.18	74	40.56	31.75	8.6	30.09	100	226	P	V
		5146.12	40.78	-13.22	54	30.46	31.79	8.63	30.1	100	226	A	V
	*	5260	109.17	-	-	98.62	31.86	8.8	30.11	100	226	P	V
	*	5260	101.57	-	-	91.02	31.86	8.8	30.11	100	226	A	V
		5394.2	50.08	-23.92	74	39.18	31.93	9.1	30.13	100	226	P	V
		5353.6	41.45	-12.55	54	30.65	31.91	9.01	30.12	100	226	A	V
802.11a CH 60 5300MHz		5115.26	50.91	-23.09	74	40.61	31.77	8.62	30.09	100	90	P	H
		5141.78	40.61	-13.39	54	30.29	31.79	8.63	30.1	100	90	A	H
	*	5300	108.49	-	-	97.84	31.88	8.89	30.12	100	90	P	H
	*	5300	101.07	-	-	90.42	31.88	8.89	30.12	100	90	A	H
		5353.68	62.63	-11.37	74	51.83	31.91	9.01	30.12	100	90	P	H
		5351.28	45.39	-8.61	54	34.6	31.91	9	30.12	100	90	A	H
		5134.3	50.11	-23.89	74	39.8	31.78	8.63	30.1	100	228	P	V
		5060.52	40.61	-13.39	54	30.37	31.74	8.59	30.09	100	228	A	V
	*	5300	110.23	-	-	99.58	31.88	8.89	30.12	100	228	P	V
	*	5300	102.45	-	-	91.8	31.88	8.89	30.12	100	228	A	V
		5350.08	63.9	-10.1	74	53.11	31.91	9	30.12	100	228	P	V
		5350.32	46.8	-7.2	54	36.01	31.91	9	30.12	100	228	A	V

802.11a CH 64 5320MHz	*	5320	108.3	-	-	97.6	31.89	8.93	30.12	100	89	P	H
	*	5320	100.48	-	-	89.78	31.89	8.93	30.12	100	89	A	H
		5352.64	64.3	-9.7	74	53.51	31.91	9	30.12	100	89	P	H
		5351.2	47.13	-6.87	54	36.34	31.91	9	30.12	100	89	A	H
													H
													H
	*	5320	110.11	-	-	99.41	31.89	8.93	30.12	100	229	P	V
	*	5320	102.58	-	-	91.88	31.89	8.93	30.12	100	229	A	V
		5352.16	66.26	-7.74	74	55.47	31.91	9	30.12	100	229	P	V
		5352.32	48.61	-5.39	54	37.82	31.91	9	30.12	100	229	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	46.21	-21.99	68.2	54.5	39.92	13.41	61.62	100	0	P	H
		15780	47.99	-26.01	74	55.67	37.34	17.03	62.05	100	0	P	H
													H
													H
		10520	49.05	-19.15	68.2	57.34	39.92	13.41	61.62	100	0	P	V
		15780	47.32	-26.68	74	55	37.34	17.03	62.05	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	46.62	-27.38	74	54.86	40.04	13.4	61.68	100	0	P	H
		15900	44.55	-29.45	74	52.17	37.05	17.19	61.86	100	0	P	H
													H
													H
		10600	53.48	-20.52	74	61.72	40.04	13.4	61.68	100	306	P	V
		10600	43.09	-10.91	54	51.33	40.04	13.4	61.68	100	306	A	V
		15900	47.86	-26.14	74	55.48	37.05	17.19	61.86	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	46.45	-27.55	74	54.67	40.09	13.4	61.71	100	0	P	H
		15960	45.73	-28.27	74	53.44	36.88	17.17	61.76	100	0	P	H
													H
													H
		10640	52.08	-21.92	74	60.3	40.09	13.4	61.71	100	294	P	V
		10640	43.05	-10.95	54	51.27	40.09	13.4	61.71	100	294	A	V
		15960	49.23	-24.77	74	56.94	36.88	17.17	61.76	100	0	P	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)
		5004.76	49.99	-24.01	74	39.8	31.71	8.56	30.08	100	87	P	H
		5143.14	40.59	-13.41	54	30.27	31.79	8.63	30.1	100	87	A	H
	*	5260	107.2	-	-	96.65	31.86	8.8	30.11	100	87	P	H
	*	5260	99.33	-	-	88.78	31.86	8.8	30.11	100	87	A	H
802.11n		5351.52	50.72	-23.28	74	39.93	31.91	9	30.12	100	87	P	H
HT20		5351.28	41.38	-12.62	54	30.59	31.91	9	30.12	100	87	A	H
CH 52		5036.04	50.55	-23.45	74	40.33	31.72	8.58	30.08	108	228	P	V
5260MHz		5112.2	40.53	-13.47	54	30.23	31.77	8.62	30.09	108	228	A	V
	*	5260	108.84	-	-	98.29	31.86	8.8	30.11	108	228	P	V
	*	5260	101.19	-	-	90.64	31.86	8.8	30.11	108	228	A	V
		5352	51.78	-22.22	74	40.99	31.91	9	30.12	108	228	P	V
		5350.32	41.74	-12.26	54	30.95	31.91	9	30.12	108	228	A	V
		5037.74	49.23	-24.77	74	39	31.73	8.58	30.08	100	91	P	H
		5084.66	40.62	-13.38	54	30.36	31.75	8.6	30.09	100	91	A	H
	*	5300	107.77	-	-	97.12	31.88	8.89	30.12	100	91	P	H
	*	5300	100.02	-	-	89.37	31.88	8.89	30.12	100	91	A	H
802.11n		5352.72	61.35	-12.65	74	50.56	31.91	9	30.12	100	91	P	H
HT20		5351.28	44.99	-9.01	54	34.2	31.91	9	30.12	100	91	A	H
CH 60		5142.8	49.43	-24.57	74	39.11	31.79	8.63	30.1	100	229	P	V
5300MHz		5093.84	40.53	-13.47	54	30.25	31.76	8.61	30.09	100	229	A	V
	*	5300	109.46	-	-	98.81	31.88	8.89	30.12	100	229	P	V
	*	5300	101.71	-	-	91.06	31.88	8.89	30.12	100	229	A	V
		5351.76	62.78	-11.22	74	51.99	31.91	9	30.12	100	229	P	V
		5352.72	46.4	-7.6	54	35.61	31.91	9	30.12	100	229	A	V

	*	5320	108.33	-	-	97.63	31.89	8.93	30.12	100	89	P	H
	*	5320	99.8	-	-	89.1	31.89	8.93	30.12	100	89	A	H
		5352.16	63.74	-10.26	74	52.95	31.91	9	30.12	100	89	P	H
		5350.08	47.51	-6.49	54	36.72	31.91	9	30.12	100	89	A	H
802.11n													H
HT20													H
CH 64	*	5320	110.23	-	-	99.53	31.89	8.93	30.12	100	229	P	V
5320MHz	*	5320	101.85	-	-	91.15	31.89	8.93	30.12	100	229	A	V
		5352.8	66.17	-7.83	74	55.38	31.91	9	30.12	100	229	P	V
		5350.56	48.89	-5.11	54	38.1	31.91	9	30.12	100	229	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	45.45	-22.75	68.2	53.74	39.92	13.41	61.62	100	0	P	H
		15780	43.53	-30.47	74	51.21	37.34	17.03	62.05	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	49.48	-18.72	68.2	57.77	39.92	13.41	61.62	100	0	P	V
5260MHz		15780	46.34	-27.66	74	54.02	37.34	17.03	62.05	100	0	P	V
													V
													V
		10600	46.93	-27.07	74	55.17	40.04	13.4	61.68	100	0	P	H
		15900	45.91	-28.09	74	53.53	37.05	17.19	61.86	100	0	P	H
802.11n													H
HT20													H
CH 60		10600	53.76	-20.24	74	62	40.04	13.4	61.68	100	308	P	V
5300MHz		10600	42.27	-11.73	54	50.51	40.04	13.4	61.68	100	308	A	V
		15900	48.34	-25.66	74	55.96	37.05	17.19	61.86	100	0	P	V
													V
		10640	46.86	-27.14	74	55.08	40.09	13.4	61.71	100	0	P	H
		15960	43.91	-30.09	74	51.62	36.88	17.17	61.76	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	52.73	-21.27	74	60.95	40.09	13.4	61.71	100	309	P	V
5320MHz		10640	42.35	-11.65	54	50.57	40.09	13.4	61.71	100	309	A	V
		15960	51.14	-22.86	74	58.85	36.88	17.17	61.76	100	202	P	V
		15960	40.16	-13.84	54	47.87	36.88	17.17	61.76	100	202	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 (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		5030.94	50.07	-23.93	74	39.85	31.72	8.58	30.08	100	55	P	H
		5147.56	41.51	-12.49	54	31.19	31.79	8.63	30.1	100	55	A	H
	*	5270	103.82	-	-	93.25	31.86	8.82	30.11	100	55	P	H
	*	5270	94.91	-	-	84.34	31.86	8.82	30.11	100	55	A	H
		5350.8	58.75	-15.25	74	47.96	31.91	9	30.12	100	55	P	H
		5350.56	48.35	-5.65	54	37.56	31.91	9	30.12	100	55	A	H
		5077.52	49.95	-24.05	74	39.69	31.75	8.6	30.09	100	230	P	V
		5146.54	41.71	-12.29	54	31.39	31.79	8.63	30.1	100	230	A	V
	*	5270	104.95	-	-	94.38	31.86	8.82	30.11	100	230	P	V
	*	5270	96.59	-	-	86.02	31.86	8.82	30.11	100	230	A	V
		5350.56	60.56	-13.44	74	49.77	31.91	9	30.12	100	230	P	V
		5350.56	49.34	-4.66	54	38.55	31.91	9	30.12	100	230	A	V
802.11n HT40 CH 62 5310MHz		5108.46	49.94	-24.06	74	39.65	31.77	8.61	30.09	100	59	P	H
		5039.44	41.58	-12.42	54	31.35	31.73	8.58	30.08	100	59	A	H
	*	5310	103.97	-	-	93.29	31.89	8.91	30.12	100	59	P	H
	*	5310	95.93	-	-	85.25	31.89	8.91	30.12	100	59	A	H
		5356.56	62.37	-11.63	74	51.57	31.91	9.01	30.12	100	59	P	H
		5350.32	48.6	-5.4	54	37.81	31.91	9	30.12	100	59	A	H
		5071.06	50.32	-23.68	74	40.07	31.74	8.6	30.09	100	220	P	V
		5076.84	41.43	-12.57	54	31.17	31.75	8.6	30.09	100	220	A	V
	*	5310	105.2	-	-	94.52	31.89	8.91	30.12	100	220	P	V
	*	5310	97.49	-	-	86.81	31.89	8.91	30.12	100	220	A	V
		5356.08	65.03	-8.97	74	54.23	31.91	9.01	30.12	100	220	P	V
		5350.56	50.78	-3.22	54	39.99	31.91	9	30.12	100	220	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	45.65	-22.55	68.2	53.92	39.95	13.41	61.63	100	0	P	H
		15810	46.14	-27.86	74	53.8	37.26	17.08	62	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	45.98	-22.22	68.2	54.25	39.95	13.41	61.63	100	0	P	V
5270MHz		15810	47	-27	74	54.66	37.26	17.08	62	100	0	P	V
													V
													V
		10620	46.3	-27.7	74	54.52	40.07	13.41	61.7	100	0	P	H
		15930	44.55	-29.45	74	52.2	36.97	17.19	61.81	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	48.92	-25.08	74	57.14	40.07	13.41	61.7	100	0	P	V
5310MHz		15930	47.22	-26.78	74	54.87	36.97	17.19	61.81	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	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		5116.62	50.05	-23.95	74	39.75	31.77	8.62	30.09	100	86	P	H
		5102	41.42	-12.58	54	31.14	31.76	8.61	30.09	100	86	A	H
	*	5290	99.24	-	-	88.62	31.87	8.86	30.11	100	86	P	H
	*	5290	91.69	-	-	81.07	31.87	8.86	30.11	100	86	A	H
		5383.2	56.66	-17.34	74	45.79	31.93	9.07	30.13	100	86	P	H
		5387.52	48.24	-5.76	54	37.36	31.93	9.08	30.13	100	86	A	H
		5024.82	49.87	-24.13	74	39.66	31.72	8.57	30.08	111	227	P	V
		5148.24	41.54	-12.46	54	31.22	31.79	8.63	30.1	111	227	A	V
	*	5290	100.5	-	-	89.88	31.87	8.86	30.11	111	227	P	V
	*	5290	92.81	-	-	82.19	31.87	8.86	30.11	111	227	A	V
		5373.84	58.03	-15.97	74	47.19	31.92	9.05	30.13	111	227	P	V
		5387.52	50.42	-3.58	54	39.54	31.93	9.08	30.13	111	227	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	45.86	-22.34	68.2	54.09	40.02	13.41	61.66	100	0	P	H
		15870	43.33	-30.67	74	50.99	37.09	17.16	61.91	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	46.37	-21.83	68.2	54.6	40.02	13.41	61.66	100	0	P	V
5290MHz		15870	43.96	-30.04	74	51.62	37.09	17.16	61.91	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (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		5453.84	57.91	-16.09	74	46.96	31.97	9.12	30.14	100	57	P	H
		5467.6	62.34	-5.86	68.2	51.38	31.98	9.12	30.14	100	57	P	H
		5460	47.69	-6.31	54	36.74	31.97	9.12	30.14	100	57	A	H
	*	5500	109.28	-	-	98.29	32	9.13	30.14	100	57	P	H
	*	5500	101.71	-	-	90.72	32	9.13	30.14	100	57	A	H
													H
		5459.12	61.3	-12.7	74	50.35	31.97	9.12	30.14	108	226	P	V
		5468.08	64.58	-3.62	68.2	53.62	31.98	9.12	30.14	108	226	P	V
		5460	49.35	-4.65	54	38.4	31.97	9.12	30.14	108	226	A	V
	*	5500	111.89	-	-	100.9	32	9.13	30.14	108	226	P	V
	*	5500	104.33	-	-	93.34	32	9.13	30.14	108	226	A	V
													V
802.11a CH 116 5580MHz		5430.88	50.21	-23.79	74	39.26	31.96	9.12	30.13	100	57	P	H
		5466.16	49.78	-18.42	68.2	38.82	31.98	9.12	30.14	100	57	P	H
		5457.76	41.66	-12.34	54	30.71	31.97	9.12	30.14	100	57	A	H
	*	5580	108.4	-	-	97.36	32.08	9.15	30.19	100	57	P	H
	*	5580	100.83	-	-	89.79	32.08	9.15	30.19	100	57	A	H
		5759.645	50.06	-18.14	68.2	38.59	32.31	9.45	30.29	100	57	P	H
		5436.64	51.18	-22.82	74	40.23	31.96	9.12	30.13	100	117	P	V
		5461.84	50.65	-17.55	68.2	39.7	31.97	9.12	30.14	100	117	P	V
		5454.16	41.47	-12.53	54	30.52	31.97	9.12	30.14	100	117	A	V
	*	5580	110.49	-	-	99.45	32.08	9.15	30.19	100	117	P	V
	*	5580	102.9	-	-	91.86	32.08	9.15	30.19	100	117	A	V
		5759.33	49.55	-18.65	68.2	38.09	32.31	9.44	30.29	100	117	P	V

802.11a CH 140 5700MHz	*	5700	104.82	-	-	93.5	32.23	9.34	30.25	100	62	P	H
	*	5700	97.14	-	-	85.82	32.23	9.34	30.25	100	62	A	H
		5730.6	58.08	-10.12	68.2	46.69	32.27	9.39	30.27	100	62	P	H
													H
													H
													H
	*	5700	106.08	-	-	94.76	32.23	9.34	30.25	100	229	P	V
	*	5700	99.11	-	-	87.79	32.23	9.34	30.25	100	229	A	V
		5728.84	59.35	-8.85	68.2	47.95	32.27	9.39	30.26	100	229	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 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	52.4	-21.6	74	60.36	40.6	13.44	62	100	208	P	H
		11000	42.76	-11.24	54	50.72	40.6	13.44	62	100	208	A	H
		16500	51.07	-17.13	68.2	54.86	38.6	17.21	59.6	100	0	P	H
													H
		11000	60.62	-13.38	74	68.58	40.6	13.44	62	100	289	P	V
		11000	50.62	-3.38	54	58.58	40.6	13.44	62	100	289	A	V
		16500	53.87	-14.33	68.2	57.66	38.6	17.21	59.6	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	55.7	-18.3	74	63.18	40.53	13.67	61.68	100	210	P	H
		11160	43.56	-10.44	54	51.04	40.53	13.67	61.68	100	210	A	H
		16740	47.61	-20.59	68.2	50.31	39.52	17.48	59.7	100	0	P	H
													H
		11160	61.8	-12.2	74	69.28	40.53	13.67	61.68	100	288	P	V
		11160	50.94	-3.06	54	58.42	40.53	13.67	61.68	100	288	A	V
		16740	46.33	-21.87	68.2	49.03	39.52	17.48	59.7	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	53.65	-20.35	74	60.43	40.44	13.97	61.19	100	221	P	H
		11400	43.27	-10.73	54	50.05	40.44	13.97	61.19	100	221	A	H
		17100	47.61	-20.59	68.2	48.61	41.02	17.66	59.68	100	0	P	H
													H
		11400	61.14	-12.86	74	67.93	40.44	13.97	61.2	100	287	P	V
		11400	50.11	-3.89	54	56.9	40.44	13.97	61.2	100	287	A	V
		17100	47.59	-20.61	68.2	48.59	41.02	17.66	59.68	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n 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)
		5456.72	62.16	-11.84	74	51.21	31.97	9.12	30.14	112	57	P	H
		5464.88	63.07	-5.13	68.2	52.11	31.98	9.12	30.14	112	57	P	H
		5459.76	47.4	-6.6	54	36.45	31.97	9.12	30.14	112	57	A	H
	*	5500	108.8	-	-	97.81	32	9.13	30.14	112	57	P	H
802.11n	*	5500	101	-	-	90.01	32	9.13	30.14	112	57	A	H
HT20													H
CH 100		5459.12	62.86	-11.14	74	51.91	31.97	9.12	30.14	106	226	P	V
5500MHz		5466.96	65.17	-3.03	68.2	54.21	31.98	9.12	30.14	106	226	P	V
		5459.92	48.79	-5.21	54	37.84	31.97	9.12	30.14	106	226	A	V
	*	5500	110.92	-	-	99.93	32	9.13	30.14	106	226	P	V
	*	5500	103.01	-	-	92.02	32	9.13	30.14	106	226	A	V
													V
		5387.2	51.26	-22.74	74	40.38	31.93	9.08	30.13	100	90	P	H
		5466.88	50.82	-17.38	68.2	39.86	31.98	9.12	30.14	100	90	P	H
		5459.68	41.51	-12.49	54	30.56	31.97	9.12	30.14	100	90	A	H
	*	5580	108.57	-	-	97.53	32.08	9.15	30.19	100	90	P	H
802.11n	*	5580	100.6	-	-	89.56	32.08	9.15	30.19	100	90	A	H
HT20		5740.745	50.57	-17.63	68.2	39.14	32.29	9.41	30.27	100	90	P	H
CH 116		5386.24	51.35	-22.65	74	40.47	31.93	9.08	30.13	101	118	P	V
5580MHz		5462.56	50.68	-17.52	68.2	39.72	31.98	9.12	30.14	101	118	P	V
		5450.56	41.65	-12.35	54	30.7	31.97	9.12	30.14	101	118	A	V
	*	5580	110.13	-	-	99.09	32.08	9.15	30.19	101	118	P	V
	*	5580	102.33	-	-	91.29	32.08	9.15	30.19	101	118	A	V
		5740.43	49.75	-18.45	68.2	38.32	32.29	9.41	30.27	101	118	P	V

	*	5700	104.65	-	-	93.33	32.23	9.34	30.25	100	62	P	H
	*	5700	96.92	-	-	85.6	32.23	9.34	30.25	100	62	A	H
		5726.84	57.18	-11.02	68.2	45.79	32.27	9.38	30.26	100	62	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	106.93	-	-	95.61	32.23	9.34	30.25	100	229	P	V
5700MHz	*	5700	98.88	-	-	87.56	32.23	9.34	30.25	100	229	A	V
		5728.12	58.25	-9.95	68.2	46.85	32.27	9.39	30.26	100	229	P	V
													V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	54.26	-19.74	74	62.22	40.6	13.44	62	103	231	P	H
		11000	42.09	-11.91	54	50.05	40.6	13.44	62	103	231	A	H
802.11n		16500	47.77	-20.43	68.2	51.56	38.6	17.21	59.6	100	0	P	H
HT20													H
CH 100		11000	61.42	-12.58	74	69.38	40.6	13.44	62	101	289	P	V
5500MHz		11000	49.34	-4.66	54	57.3	40.6	13.44	62	101	289	A	V
		16500	53.88	-14.32	68.2	57.67	38.6	17.21	59.6	100	0	P	V
													V
		11160	53.69	-20.31	74	61.17	40.53	13.67	61.68	100	222	P	H
		11160	43.32	-10.68	54	50.8	40.53	13.67	61.68	100	222	A	H
802.11n		16740	46.93	-21.27	68.2	49.63	39.52	17.48	59.7	100	0	P	H
HT20													H
CH 116		11160	62.17	-11.83	74	69.65	40.53	13.67	61.68	100	285	P	V
5580MHz		11160	50.6	-3.4	54	58.08	40.53	13.67	61.68	100	285	A	V
		16740	46.48	-21.72	68.2	49.18	39.52	17.48	59.7	100	0	P	V
													V
		11400	55.77	-18.23	74	62.56	40.44	13.97	61.2	100	222	P	H
		11400	43.81	-10.19	54	50.6	40.44	13.97	61.2	100	222	A	H
802.11n		17100	48.36	-19.84	68.2	49.36	41.02	17.66	59.68	100	0	P	H
HT20													H
CH 140		11400	62.1	-11.9	74	68.89	40.44	13.97	61.2	100	286	P	V
5700MHz		11400	50.79	-3.21	54	57.58	40.44	13.97	61.2	100	286	A	V
		17100	47.96	-20.24	68.2	48.96	41.02	17.66	59.68	100	0	P	V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n 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)
		5452.96	58.63	-15.37	74	47.68	31.97	9.12	30.14	100	61	P	H
		5469.04	60.17	-8.03	68.2	49.21	31.98	9.12	30.14	100	61	P	H
		5458.48	47.19	-6.81	54	36.24	31.97	9.12	30.14	100	61	A	H
	*	5510	103.7	-	-	92.72	32	9.13	30.15	100	61	P	H
802.11n	*	5510	95.97	-	-	84.99	32	9.13	30.15	100	61	A	H
HT40		5764.37	50.09	-18.11	68.2	38.62	32.31	9.45	30.29	100	61	P	H
CH 102		5452.96	59.83	-14.17	74	48.88	31.97	9.12	30.14	100	224	P	V
5510MHz		5469.28	62.09	-6.11	68.2	51.13	31.98	9.12	30.14	100	224	P	V
		5459.92	48.36	-5.64	54	37.41	31.97	9.12	30.14	100	224	A	V
	*	5510	105.06	-	-	94.08	32	9.13	30.15	100	224	P	V
	*	5510	97.42	-	-	86.44	32	9.13	30.15	100	224	A	V
		5758.385	50.38	-17.82	68.2	38.92	32.31	9.44	30.29	100	224	P	V
		5458.24	59.9	-14.1	74	48.95	31.97	9.12	30.14	100	89	P	H
		5467.6	63.44	-4.76	68.2	52.48	31.98	9.12	30.14	100	89	P	H
		5459.2	47.41	-6.59	54	536.46	31.97	-490.88	30.14	100	89	A	H
	*	5550	106.4	-	-	95.37	32.06	9.14	30.17	100	89	P	H
802.11n	*	5550	98.44	-	-	87.41	32.06	9.14	30.17	100	89	A	H
HT40		5728.775	49.71	-18.49	68.2	38.31	32.27	9.39	30.26	100	89	P	H
CH 110		5459.44	61.89	-12.11	74	50.94	31.97	9.12	30.14	100	222	P	V
5550MHz		5469.28	63.87	-4.33	68.2	52.91	31.98	9.12	30.14	100	222	P	V
		5458.96	48.03	-5.97	54	37.08	31.97	9.12	30.14	100	222	A	V
	*	5550	108.2	-	-	97.17	32.06	9.14	30.17	100	222	P	V
	*	5550	100.25	-	-	89.22	32.06	9.14	30.17	100	222	A	V
		5736.965	50.36	-17.84	68.2	38.94	32.29	9.4	30.27	100	222	P	V

		5404.6	50.18	-23.82	74	39.26	31.94	9.11	30.13	100	94	P	H
		5469.35	50.18	-18.02	68.2	39.22	31.98	9.12	30.14	100	94	P	H
		5452.9	41.98	-12.02	54	31.03	31.97	9.12	30.14	100	94	A	H
	*	5670	103.81	-	-	92.55	32.21	9.28	30.23	100	94	P	H
802.11n	*	5670	96.05	-	-	84.79	32.21	9.28	30.23	100	94	A	H
HT40		5725.275	61.04	-7.16	68.2	49.65	32.27	9.38	30.26	100	94	P	H
CH 134		5424.2	50.82	-23.18	74	39.89	31.95	9.11	30.13	100	220	P	V
5670MHz		5460.95	49.69	-18.51	68.2	38.74	31.97	9.12	30.14	100	220	P	V
		5414.4	42	-12	54	31.07	31.95	9.11	30.13	100	220	A	V
	*	5670	106.98	-	-	95.72	32.21	9.28	30.23	100	220	P	V
	*	5670	98.84	-	-	87.58	32.21	9.28	30.23	100	220	A	V
		5727.375	63.64	-4.56	68.2	52.24	32.27	9.39	30.26	100	220	P	V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	46.31	-27.69	74	54.21	40.59	13.47	61.96	100	0	P	H
		16530	45.11	-23.09	68.2	48.75	38.73	17.24	59.61	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	49.82	-24.18	74	57.72	40.59	13.47	61.96	100	0	P	V
5510MHz		16530	45.4	-22.8	68.2	49.04	38.73	17.24	59.61	100	0	P	V
													V
													V
		11100	46.91	-27.09	74	54.62	40.56	13.53	61.8	100	0	P	H
		16650	46.24	-21.96	68.2	49.3	39.19	17.41	59.66	100	0	P	H
802.11n													H
HT40													H
CH 110		11110	55.67	-18.33	74	63.35	40.55	13.55	61.78	100	285	P	V
5550MHz		11110	46.99	-7.01	54	54.67	40.55	13.55	61.78	100	285	A	V
		16650	45.84	-22.36	68.2	48.9	39.19	17.41	59.66	100	0	P	V
													V
		11340	49.87	-24.13	74	56.72	40.47	14	61.32	100	0	P	H
		17010	46.47	-21.73	68.2	48.13	40.59	17.54	59.79	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	59.49	-14.51	74	66.34	40.47	14	61.32	100	285	P	V
5670MHz		11340	50.96	-3.04	54	57.81	40.47	14	61.32	100	285	A	V
		17010	47.37	-20.83	68.2	49.03	40.59	17.54	59.79	100	0	P	V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	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)
		5454.88	57.43	-16.57	74	46.48	31.97	9.12	30.14	100	59	P	H
		5466.16	58.39	-9.81	68.2	47.43	31.98	9.12	30.14	100	59	P	H
		5457.76	49.1	-4.9	54	38.15	31.97	9.12	30.14	100	59	A	H
	*	5530	98.92	-	-	87.93	32.02	9.14	30.17	100	59	P	H
802.11ac	*	5530	90.99	-	-	80	32.02	9.14	30.17	100	59	A	H
VHT80		5735.39	49.91	-18.29	68.2	38.49	32.29	9.4	30.27	100	59	P	H
CH 106		5458.72	58.94	-15.06	74	47.99	31.97	9.12	30.14	100	226	P	V
5530MHz		5466.16	59.7	-8.5	68.2	48.74	31.98	9.12	30.14	100	226	P	V
		5458	50.01	-3.99	54	39.06	31.97	9.12	30.14	100	226	A	V
	*	5530	99.87	-	-	88.88	32.02	9.14	30.17	100	226	P	V
	*	5530	92.42	-	-	81.43	32.02	9.14	30.17	100	226	A	V
		5759.96	49.95	-18.25	68.2	38.48	32.31	9.45	30.29	100	226	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.04	-25.96	74	55.85	40.57	13.5	61.88	100	0	P	H
		16590	46.51	-21.69	68.2	49.9	38.93	17.32	59.64	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	46.62	-27.38	74	54.43	40.57	13.5	61.88	100	0	P	V
5530MHz		16590	46.25	-21.95	68.2	49.64	38.93	17.32	59.64	100	0	P	V
													V
													V

Remark

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

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		64.83	25.58	-14.42	40	45.24	11.9	1.04	32.6			P	H
		175.8	35.04	-8.46	43.5	50.44	15.35	1.8	32.55	100	0	P	H
		203.88	30.76	-12.74	43.5	46.17	15.26	1.87	32.54			P	H
		337.1	23.75	-22.25	46	33.63	20.41	2.24	32.53			P	H
		482	28.8	-17.2	46	34.75	23.91	2.69	32.55			P	H
		738.2	30.19	-15.81	46	31.29	27.99	3.3	32.39			P	H
													H
													H
													H
													H
													H
													H
		32.43	36.82	-3.18	40	45.53	23.25	0.69	32.65	100	0	P	V
		76.71	33.35	-6.65	40	51.64	13.15	1.15	32.59			P	V
		200.64	31.72	-11.78	43.5	47.34	15.05	1.87	32.54			P	V
		424.6	23.45	-22.55	46	30.67	22.77	2.54	32.53			P	V
		522.6	25.02	-20.98	46	30.49	24.25	2.83	32.55			P	V
		646.5	28.81	-17.19	46	31.65	26.55	3.14	32.53			P	V
													V
													V
													V
													V
													V
													V

Remark

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

Note symbol

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

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

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

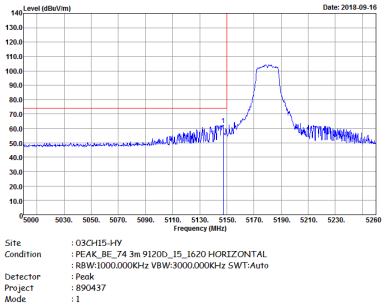
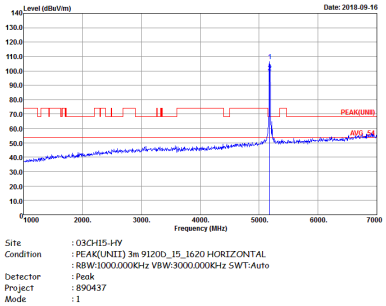
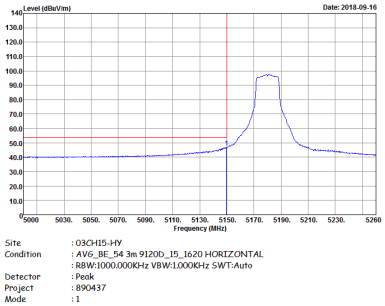
Test Engineer :	Watt Tseng, Karl Hou, and Bill Chang	**Temperature :**	22~25°C
		Relative Humidity :	52~57%

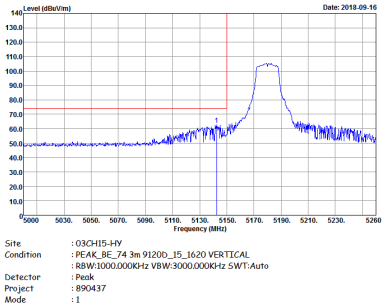
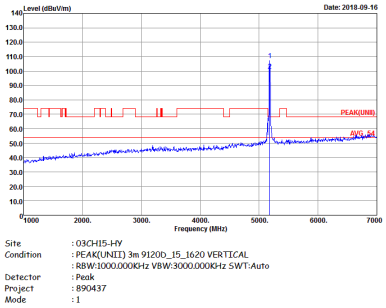
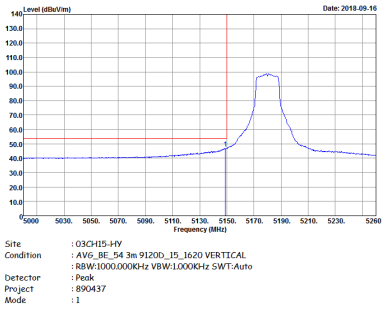
Note symbol

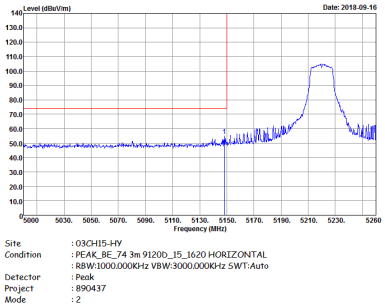
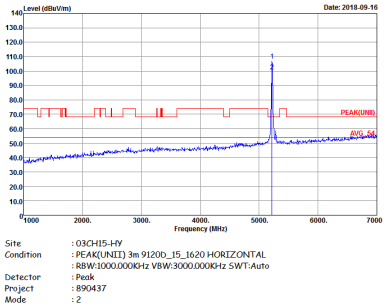
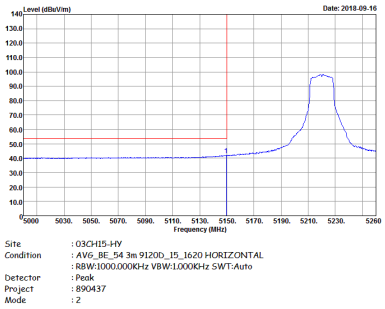
-L	**Low channel location**
-R	**High channel location**

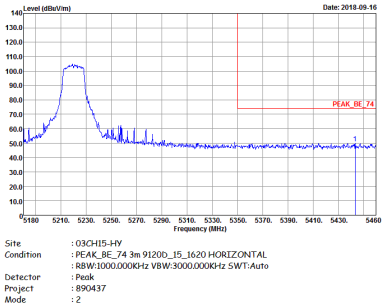
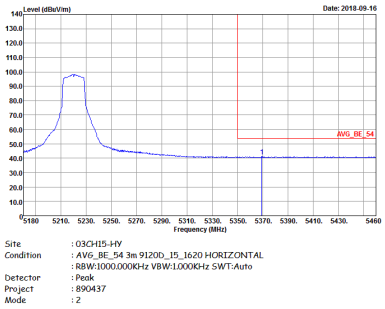
Band 1 - 5150~5250MHz

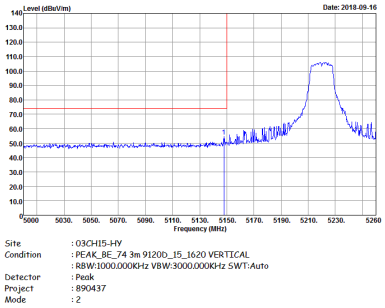
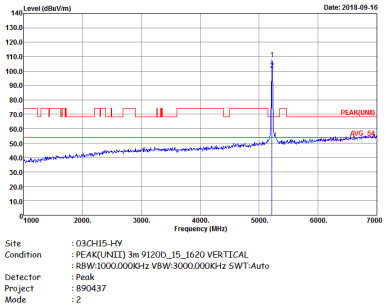
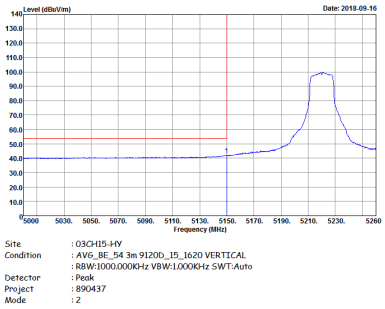
WIFI 802.11a (Band Edge @ 3m)

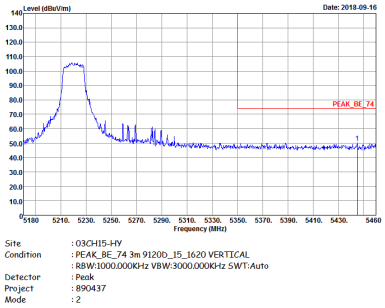
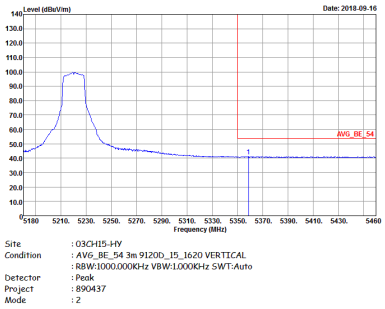
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

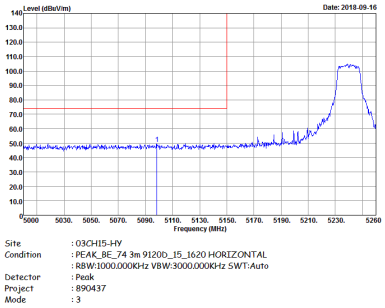
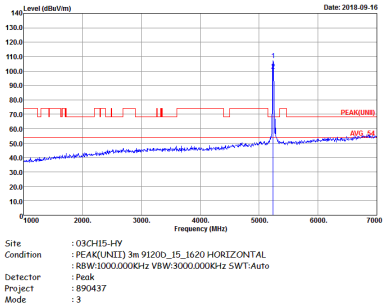
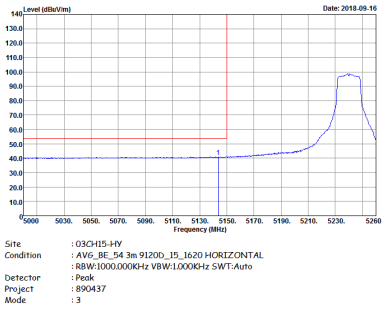
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

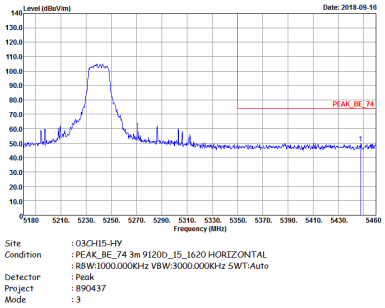
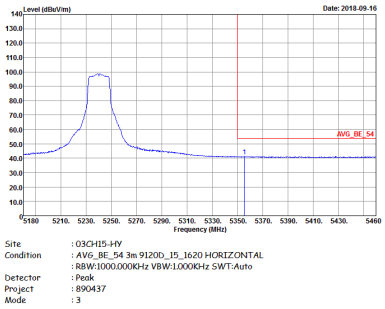
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

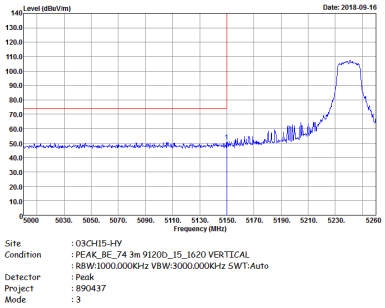
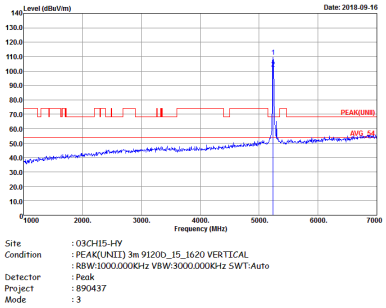
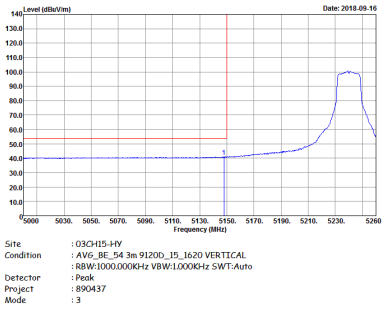
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

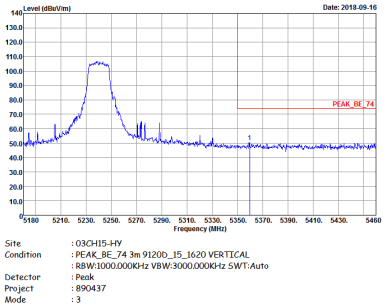
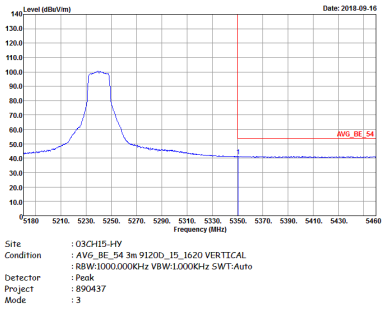
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

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

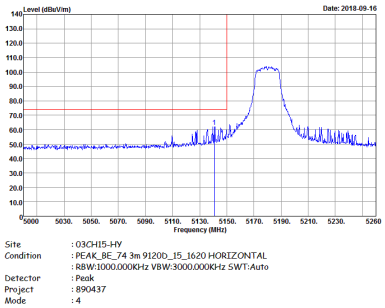
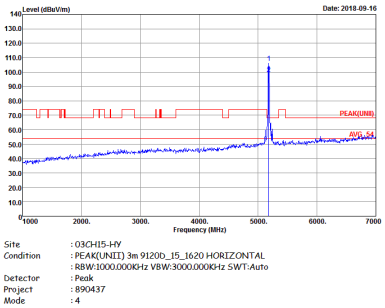
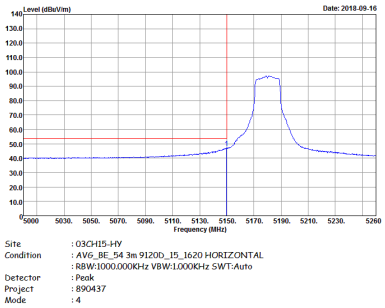
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

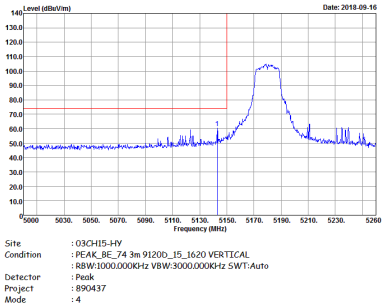
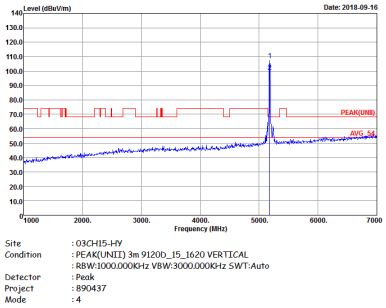
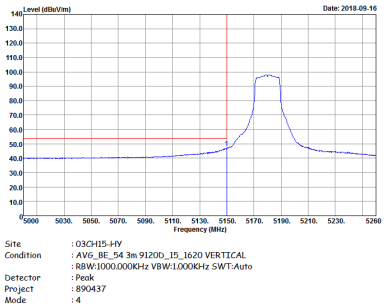
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

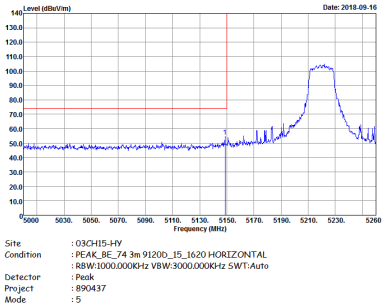
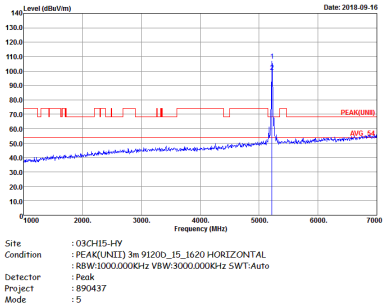
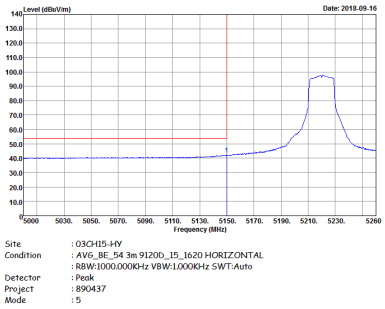
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

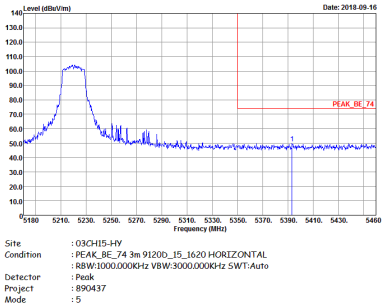
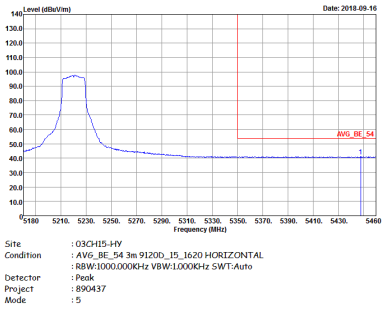
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

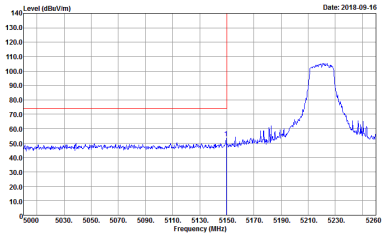
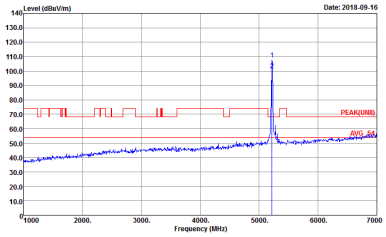
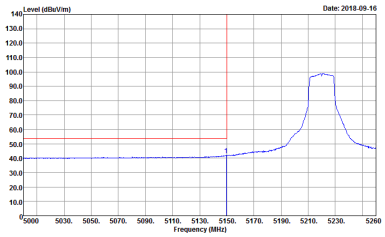
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

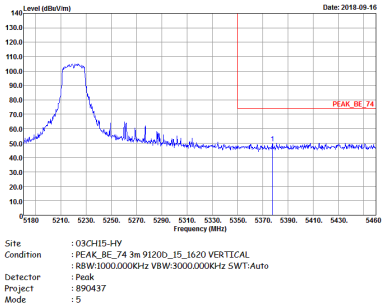
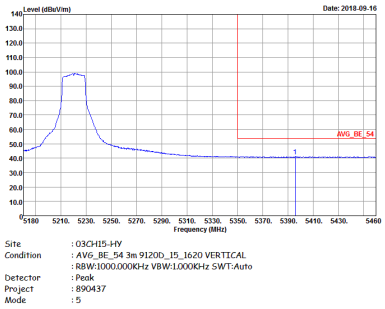
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

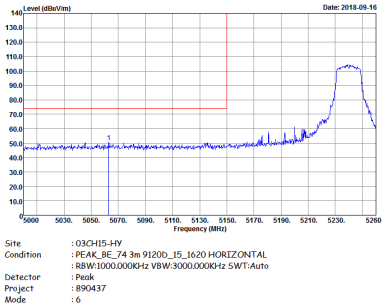
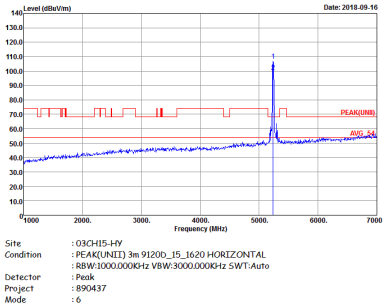
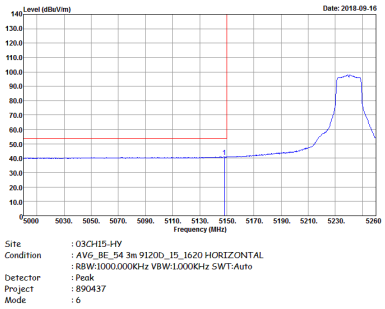
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

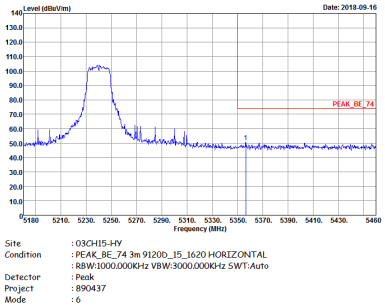
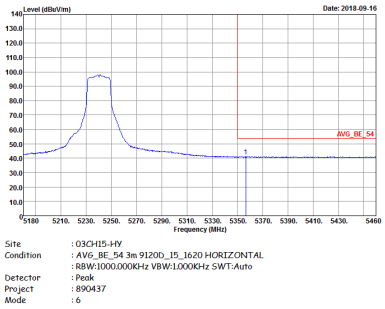
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

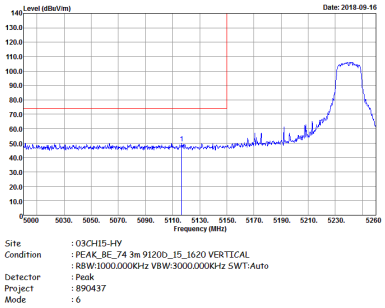
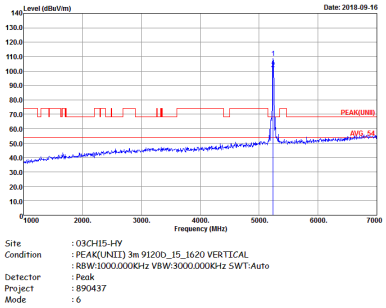
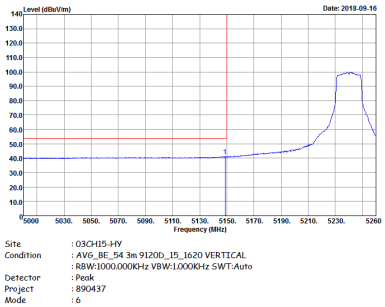
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

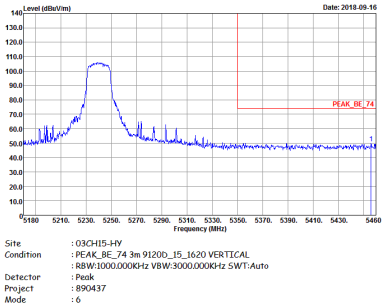
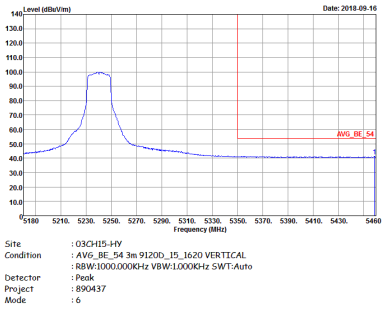
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 5	Left blank

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

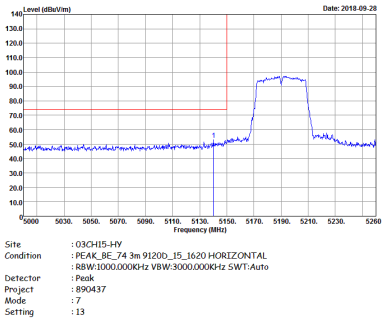
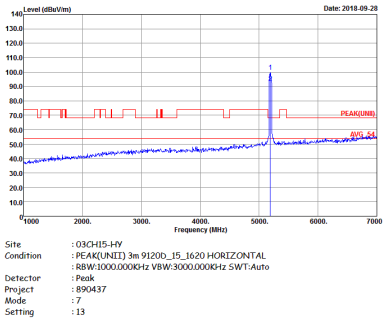
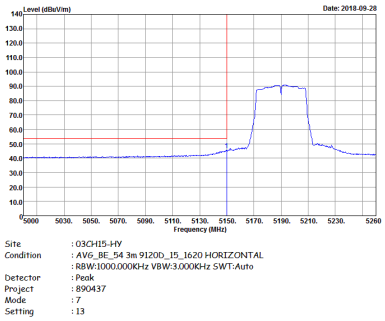
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

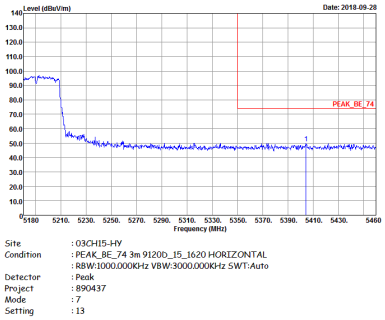
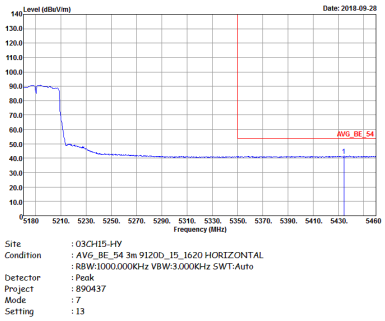
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

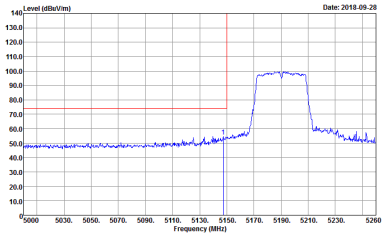
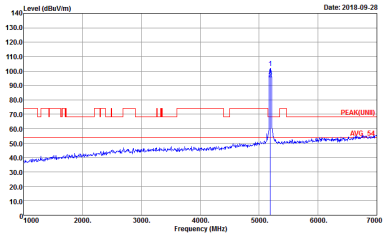
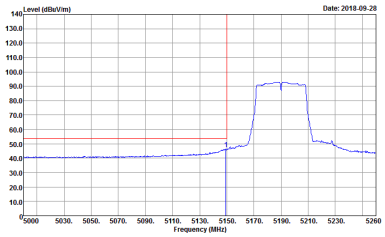
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

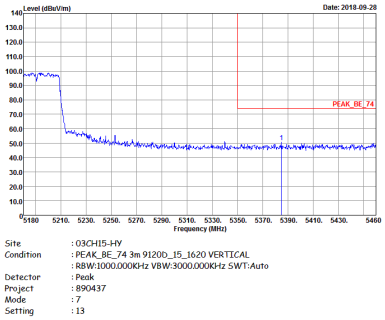
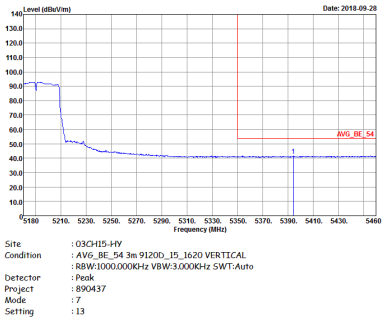
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 6	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 6	Left blank

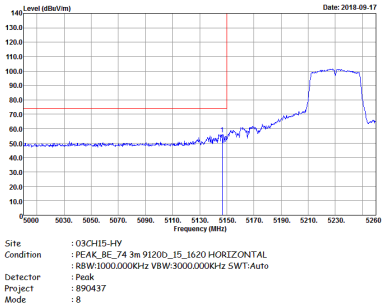
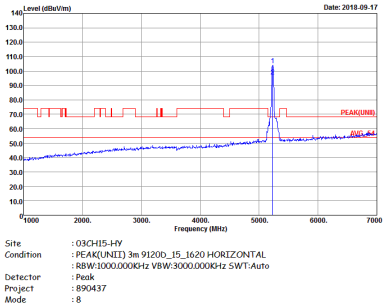
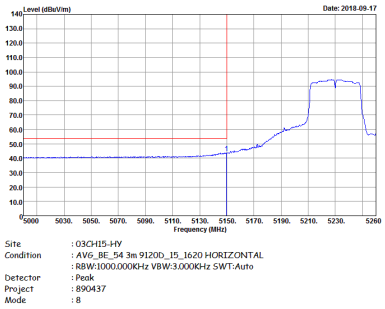
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

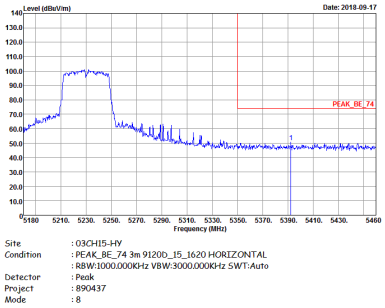
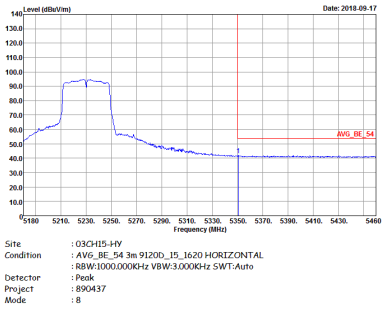
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

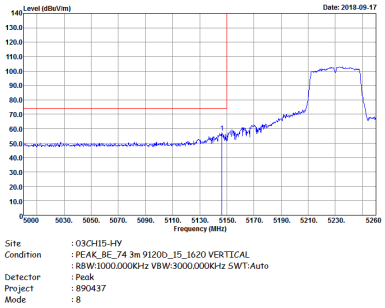
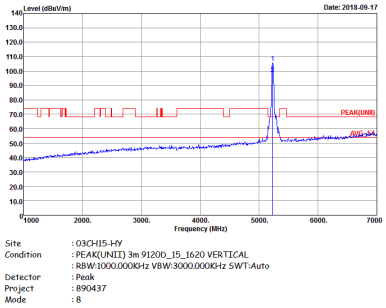
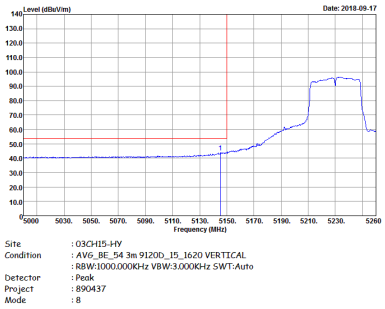
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13	Left blank

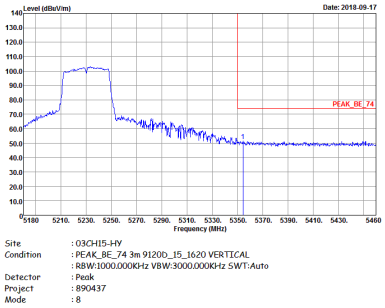
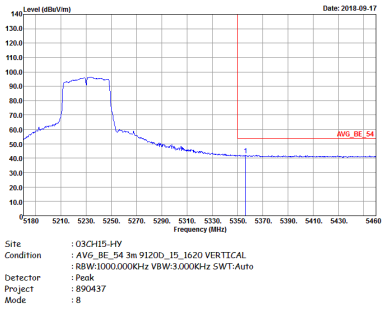
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 7 Setting : 13	Left blank

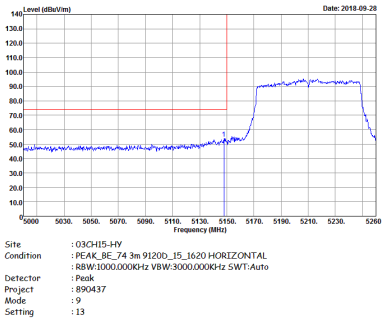
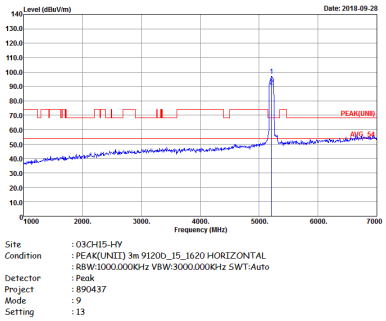
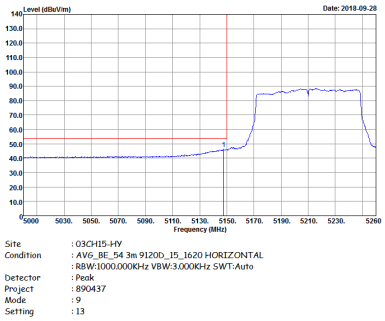
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

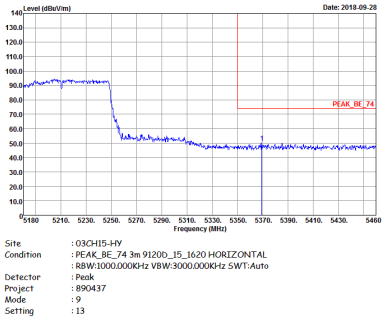
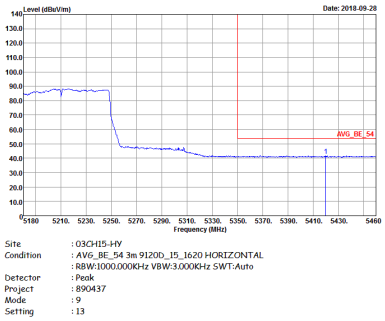
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

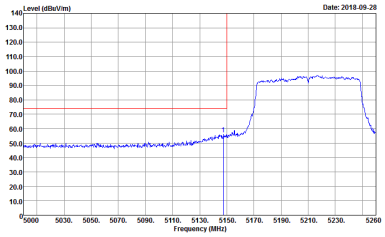
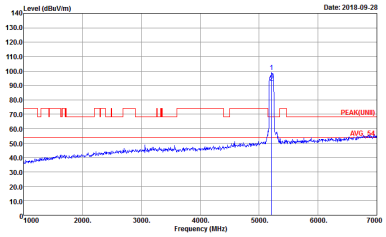
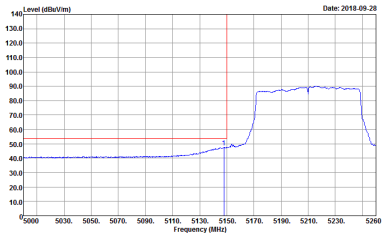
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

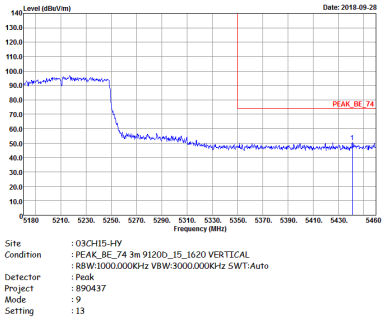
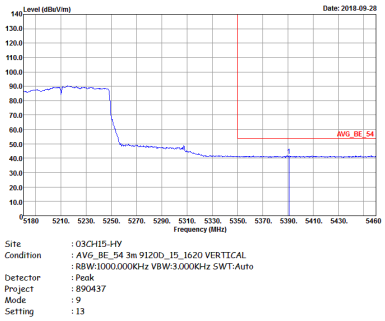
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

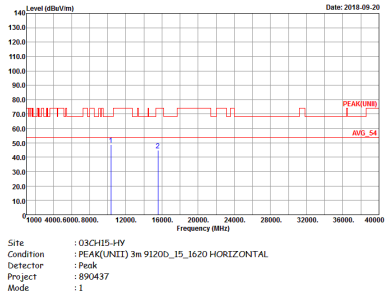
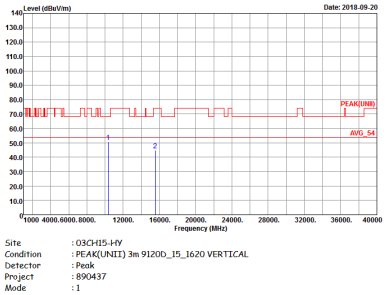
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13	Left blank

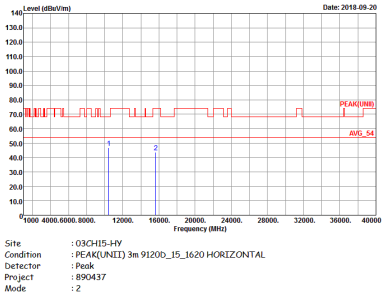
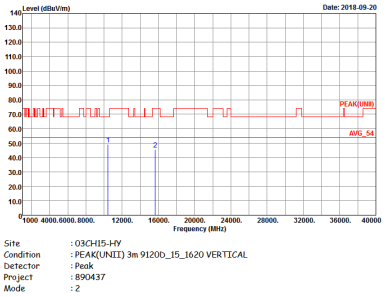
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13	Left blank

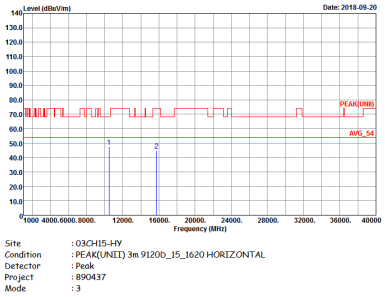
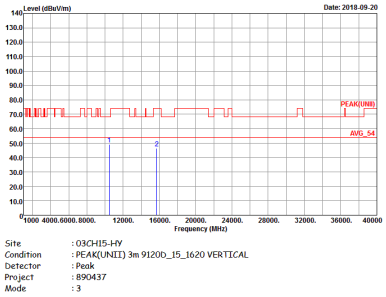
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 9 Setting : 13	Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

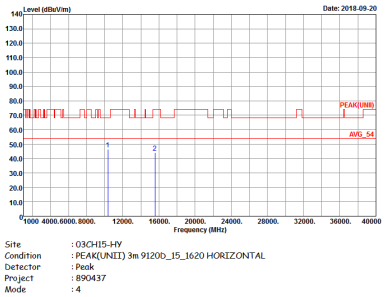
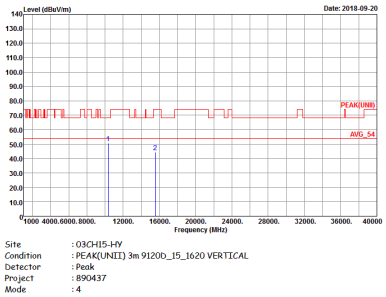
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

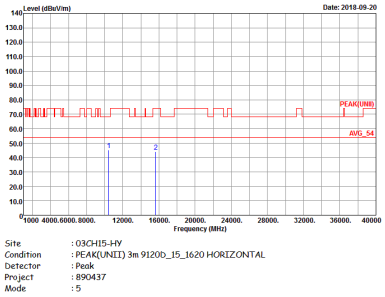
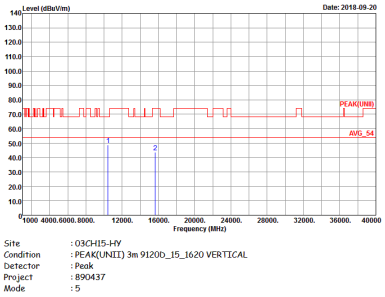
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

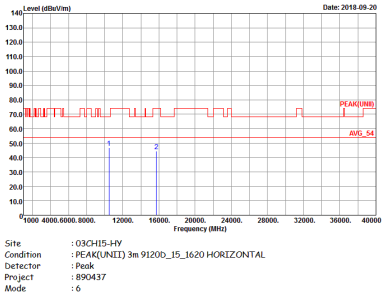
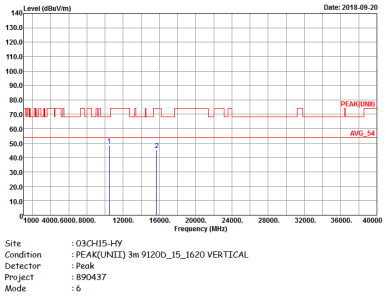
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

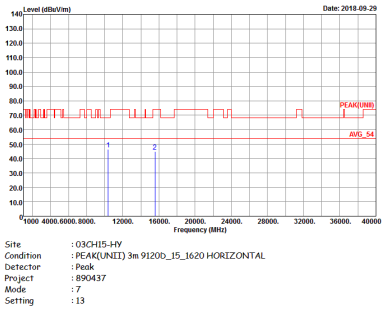
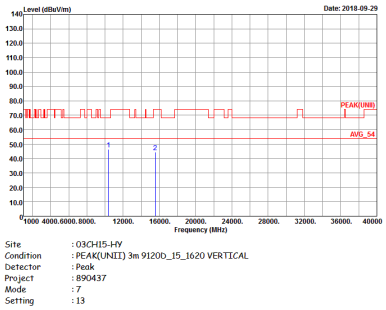
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

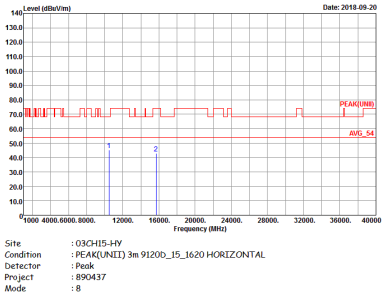
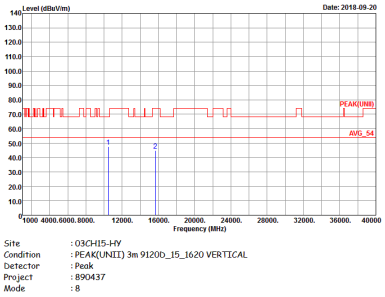
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 890437 Mode : 5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 890437 Mode : 5

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

Band 1 5150~5250MHz

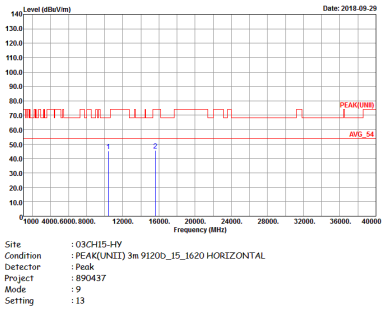
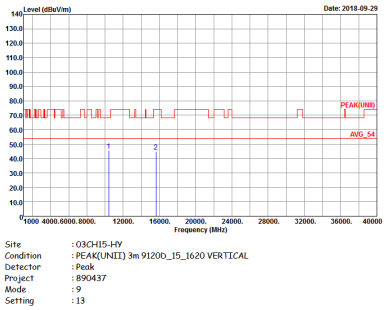
WIFI 802.11n HT40 (Harmonic @ 3m)

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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.		

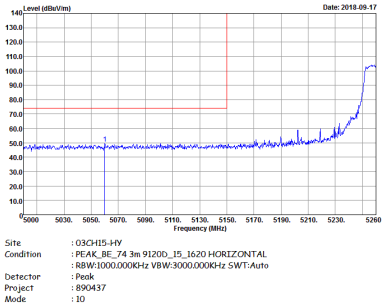
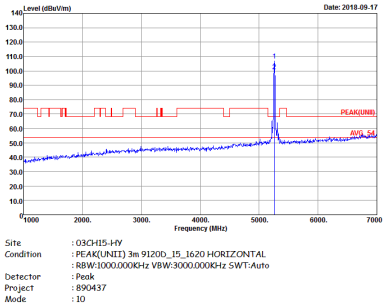
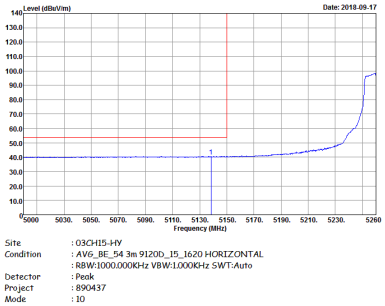
Band 1 5150~5250MHz

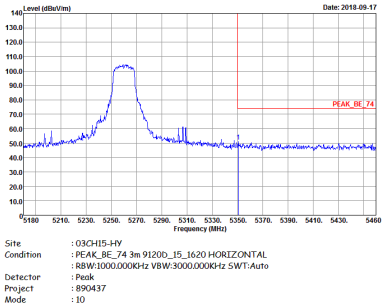
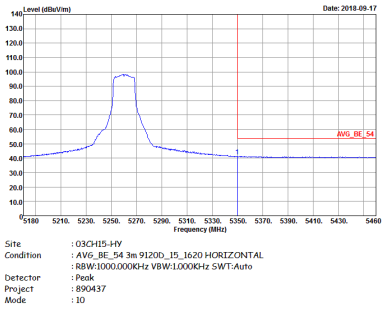
WIFI 802.11ac VHT80 (Harmonic @ 3m)

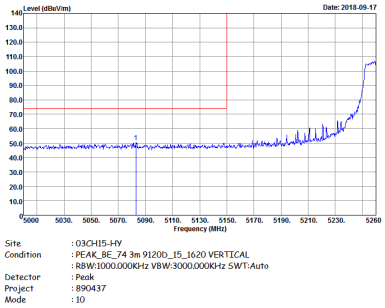
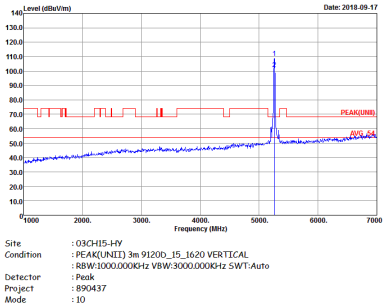
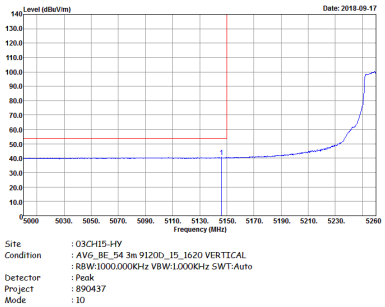
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

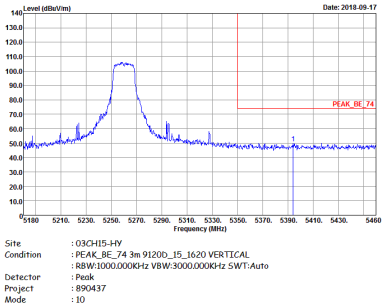
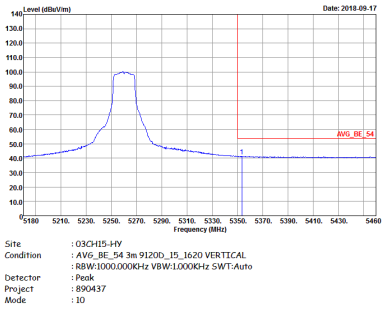
Band 2 - 5250~5350MHz

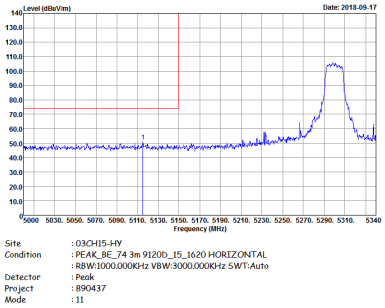
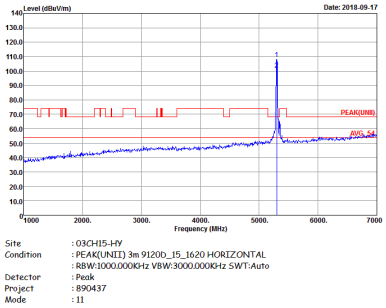
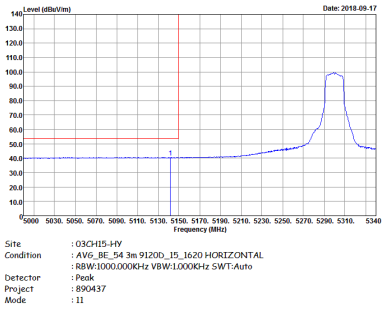
WIFI 802.11a (Band Edge @ 3m)

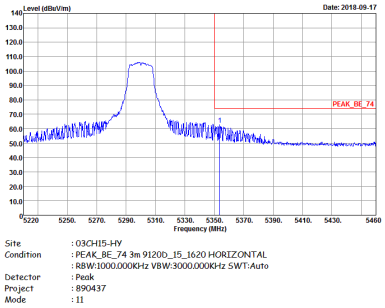
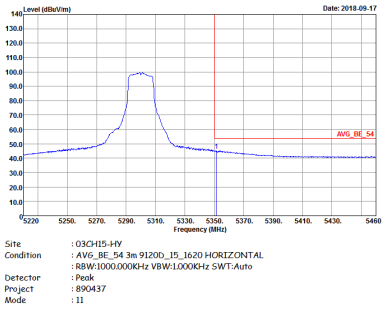
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

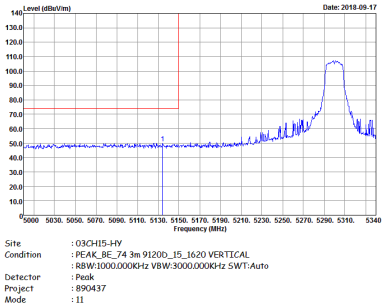
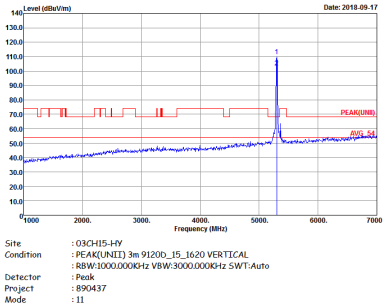
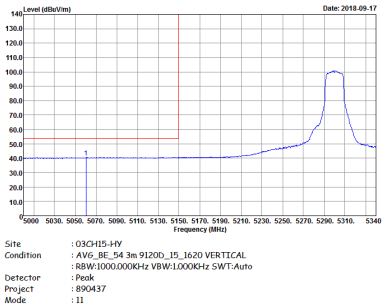
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

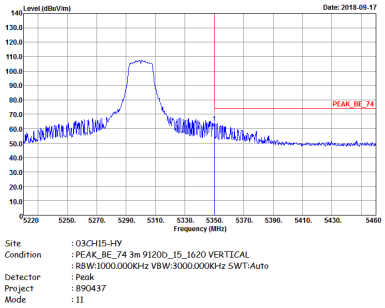
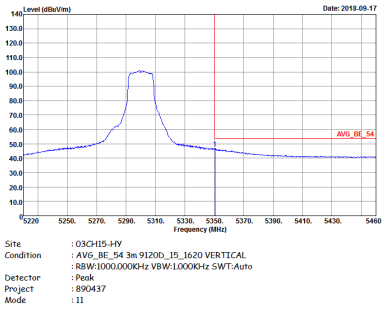
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

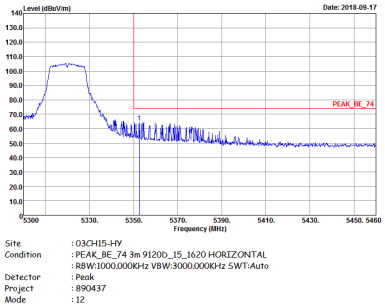
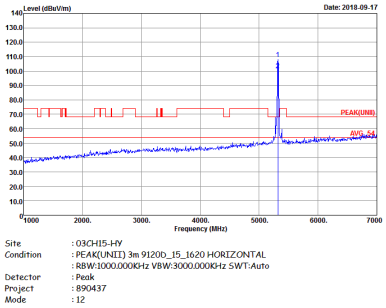
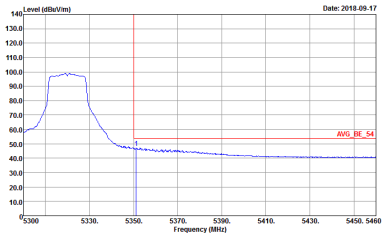
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

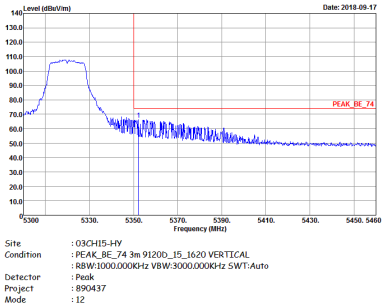
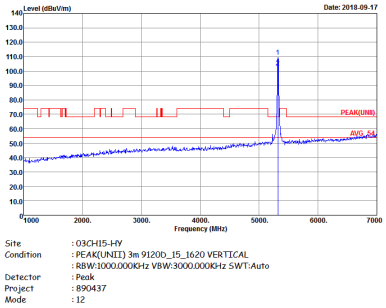
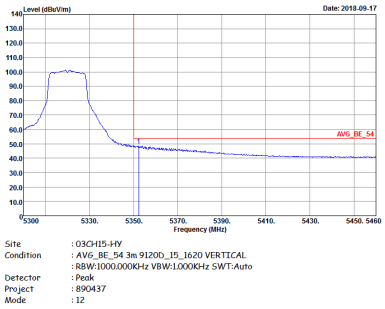
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

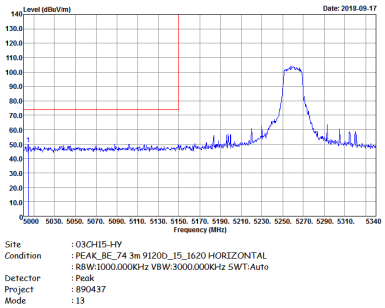
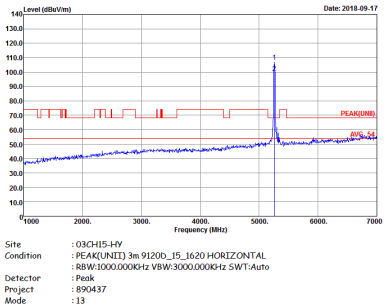
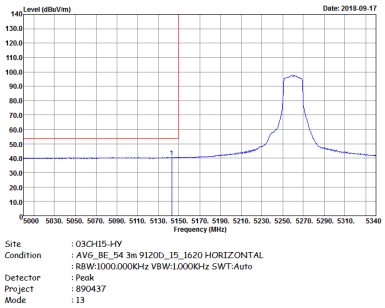
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

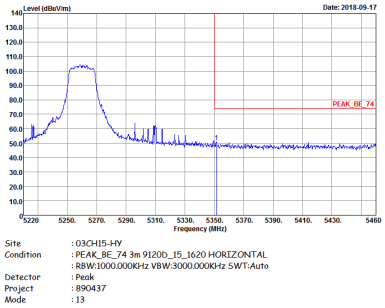
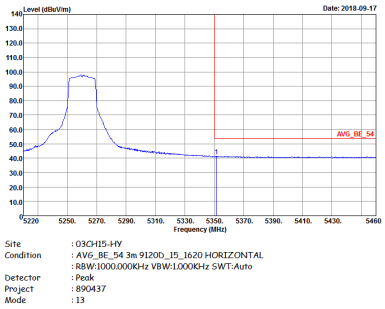
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

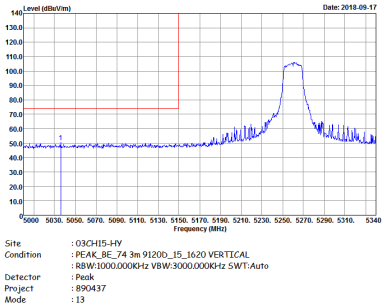
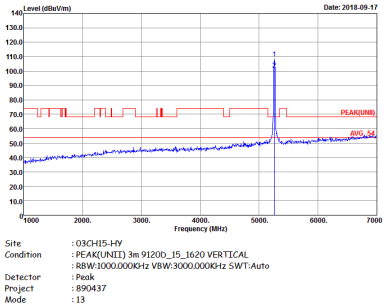
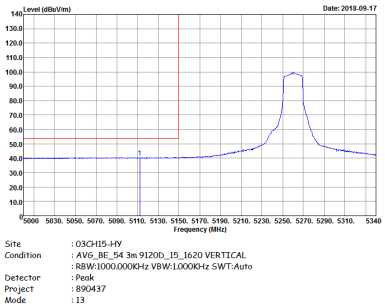
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 12	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 12
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 12	Left blank

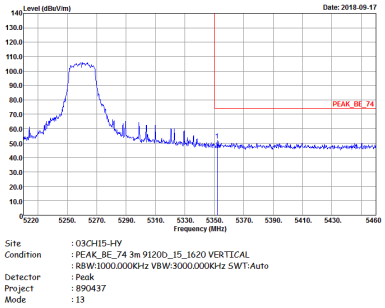
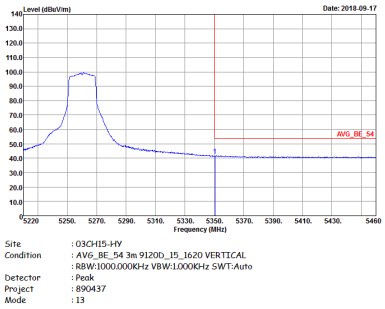
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

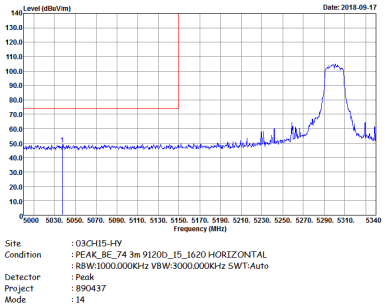
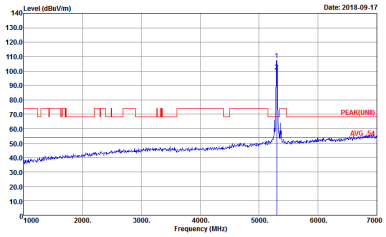
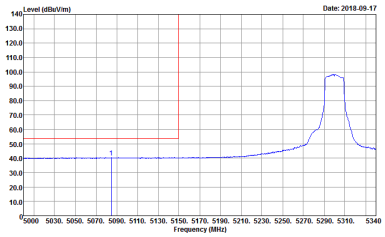
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

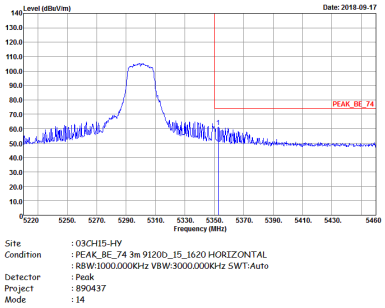
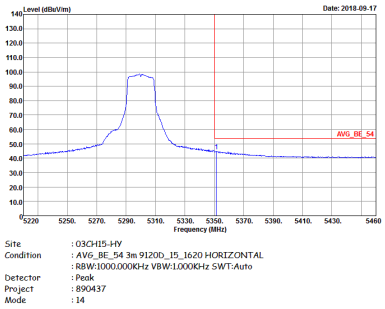
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

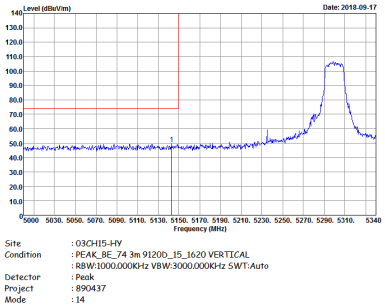
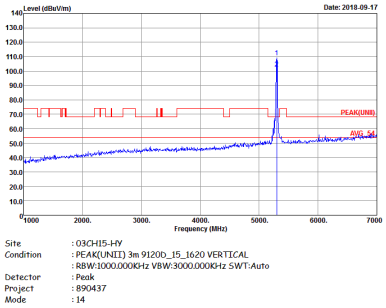
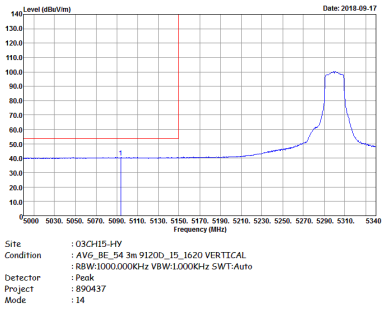
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

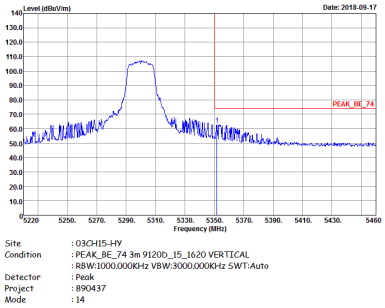
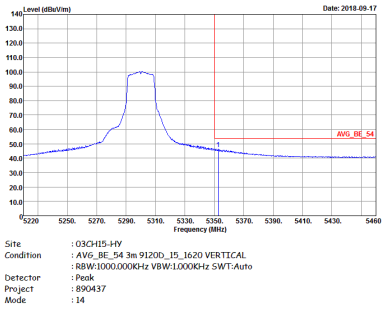
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

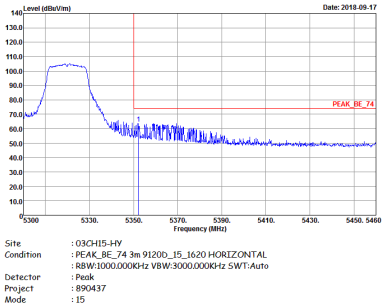
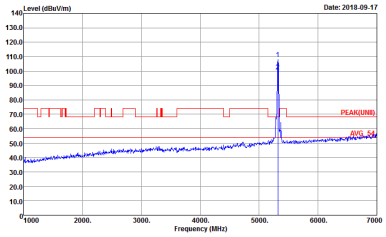
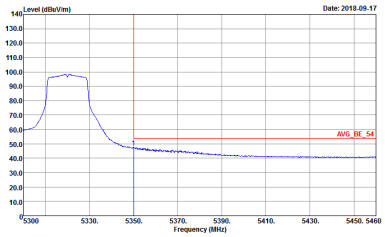
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

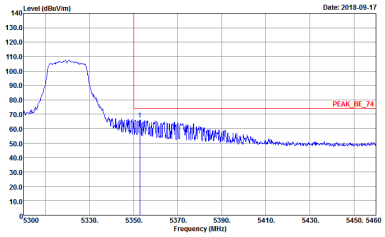
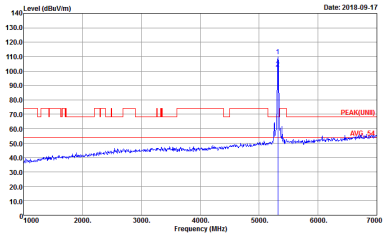
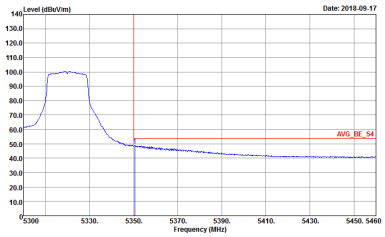
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 14	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 14
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 14	Left blank

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

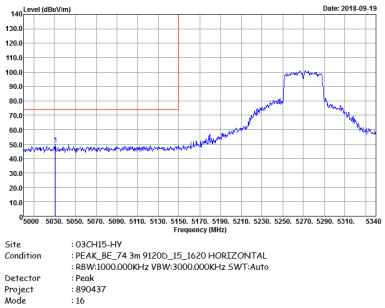
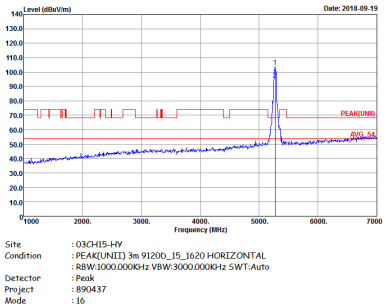
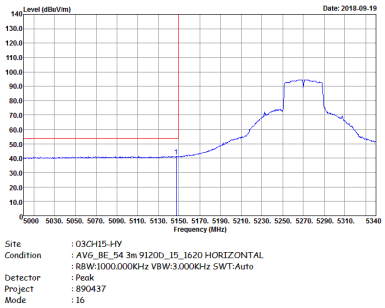
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

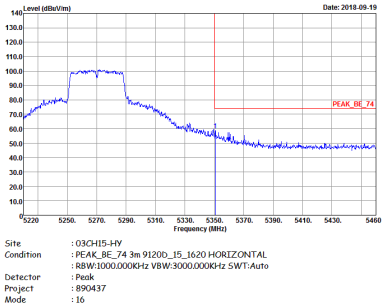
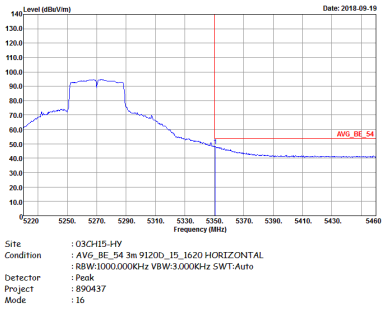
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

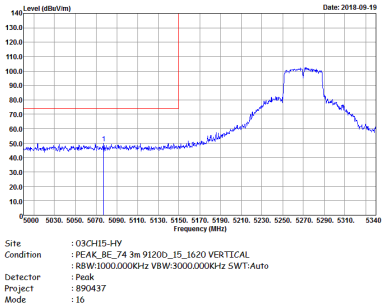
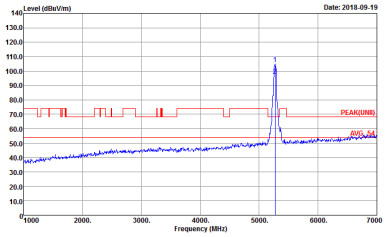
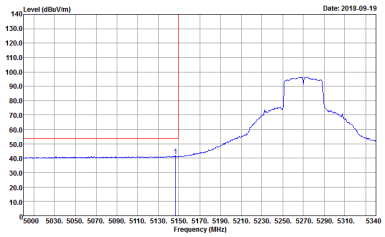
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 15	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 15
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 15	Left blank

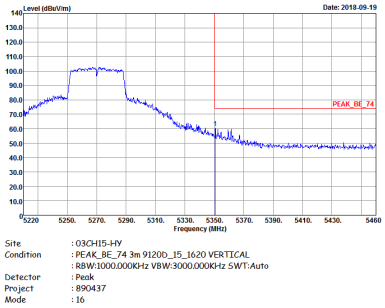
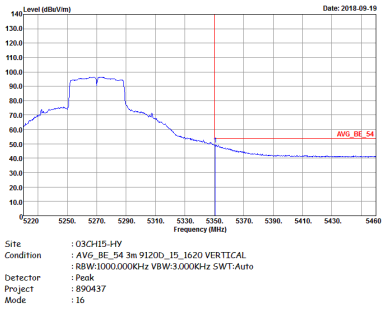
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 15	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 15
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 15	Left blank

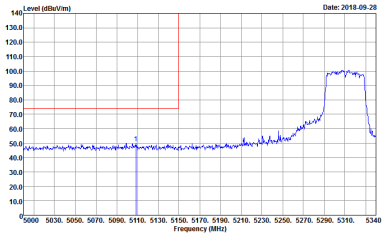
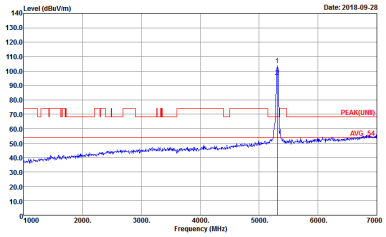
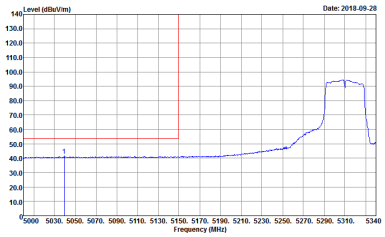
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

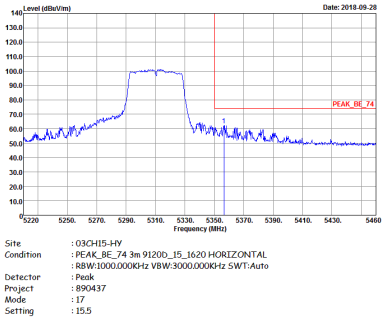
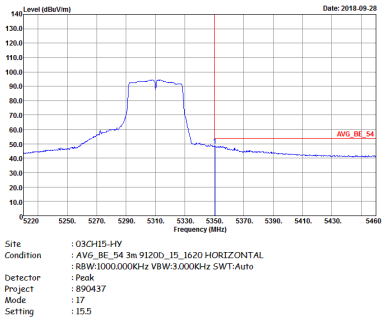
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

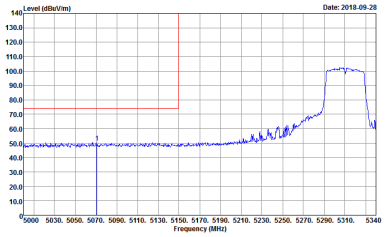
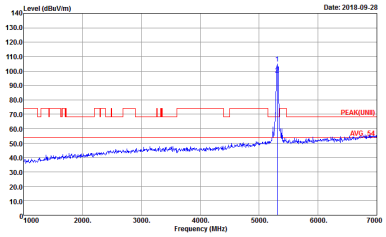
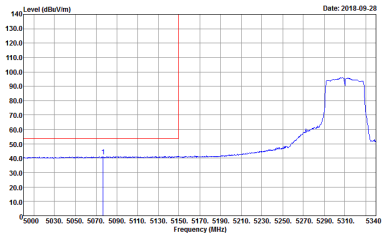
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

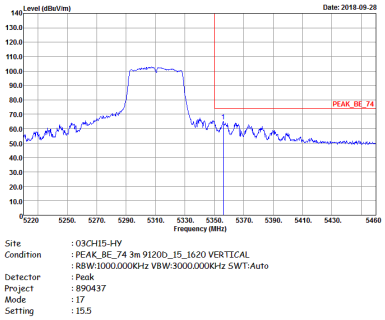
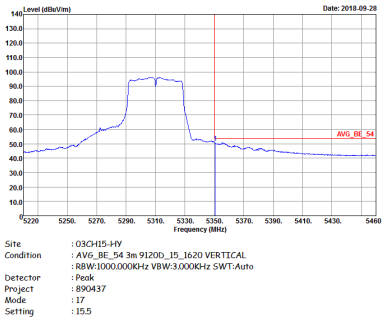
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 MHz - L	
1	Vertical	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 16	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 16
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 16	Left blank

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

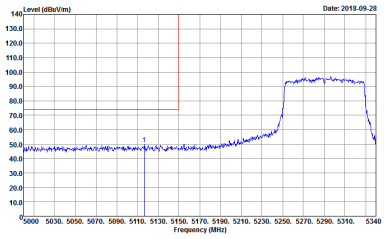
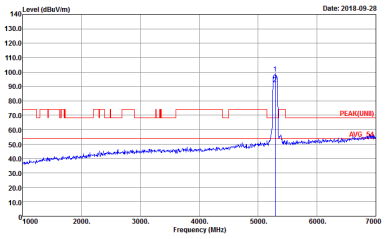
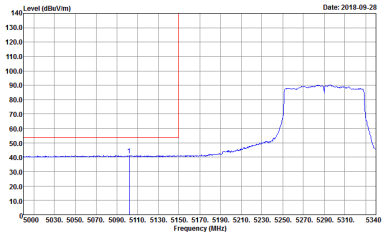
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	Left blank

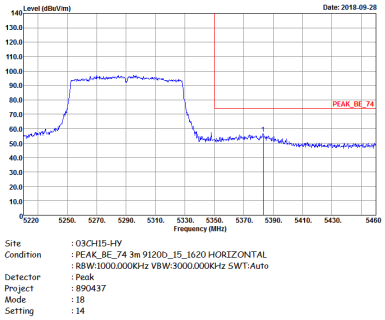
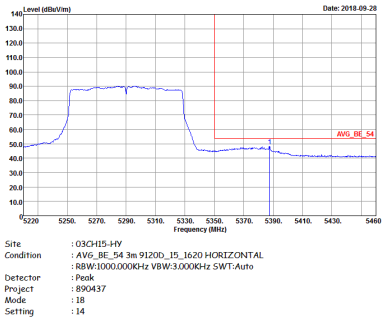
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	Left blank

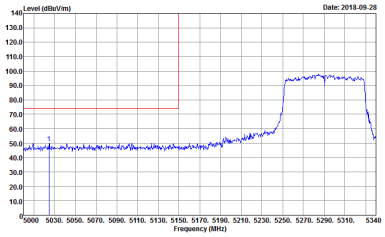
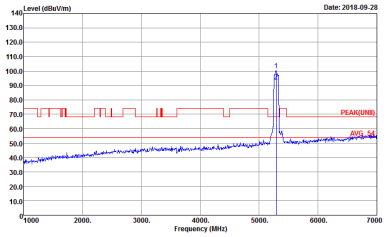
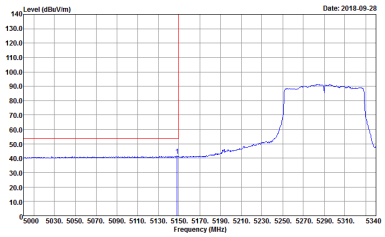
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	Left blank

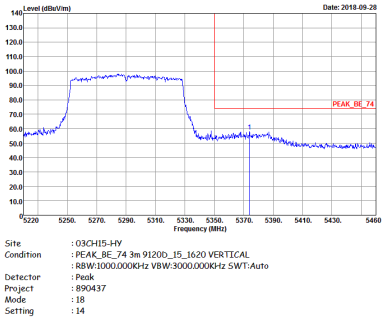
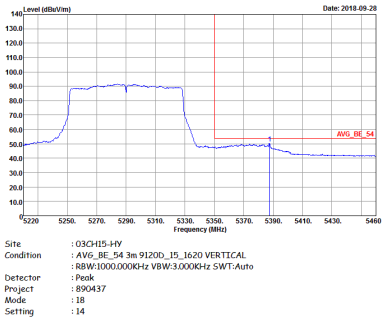
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 17 Setting : 15.5	Left blank

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

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	Left blank

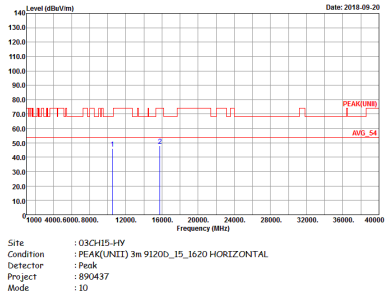
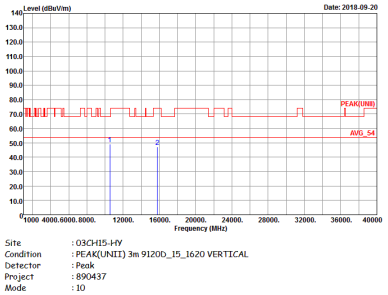
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	Left blank

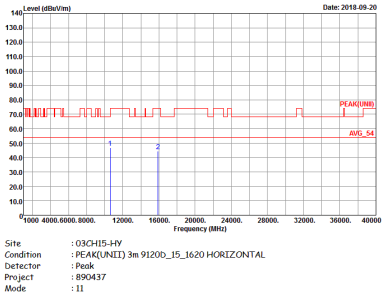
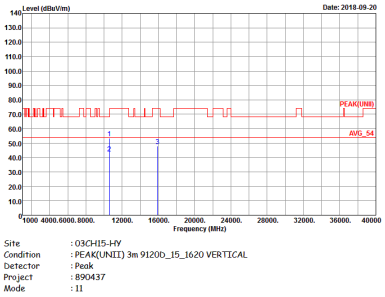
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	Left blank

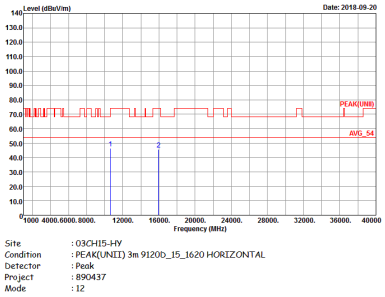
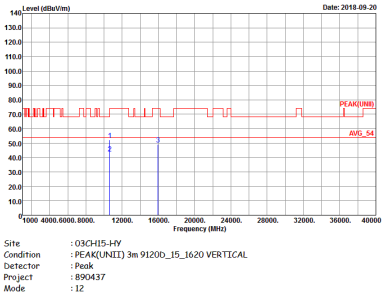
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	Left blank
Avg.	 Site : 03CH15-HV Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 18 Setting : 14	Left blank

Band 2 - 5250~5350MHz

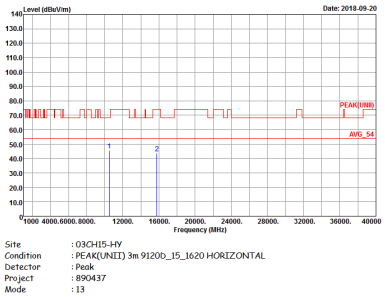
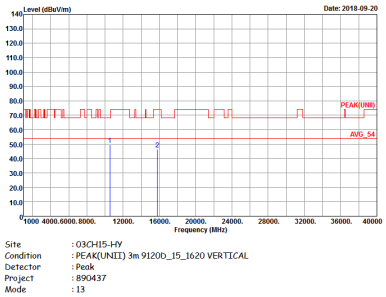
WIFI 802.11a (Harmonic @ 3m)

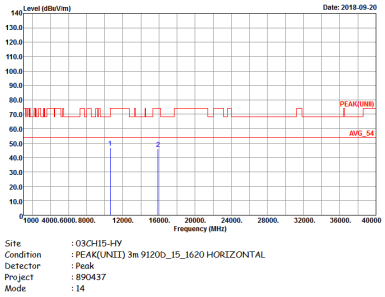
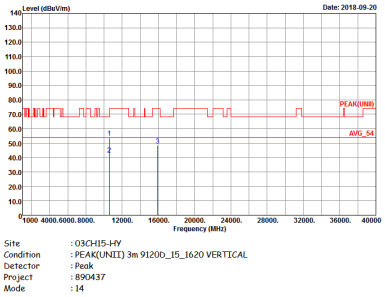
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

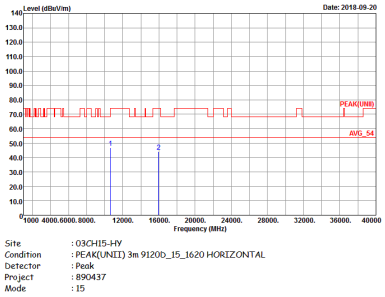
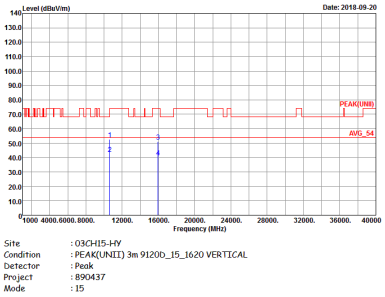
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 890437 Mode : 11	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 890437 Mode : 11

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 890437 Mode : 12	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 890437 Mode : 12

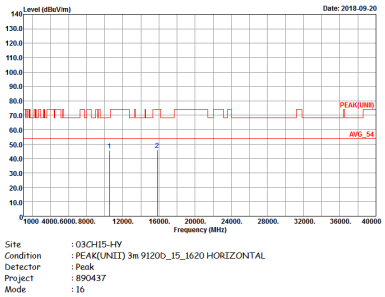
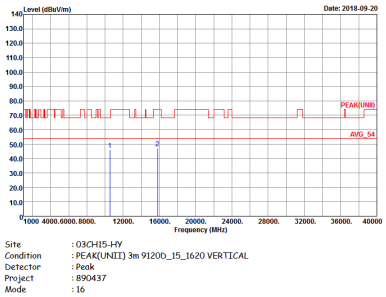
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

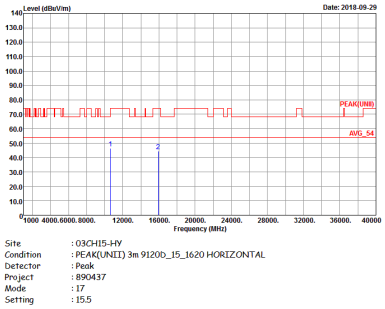
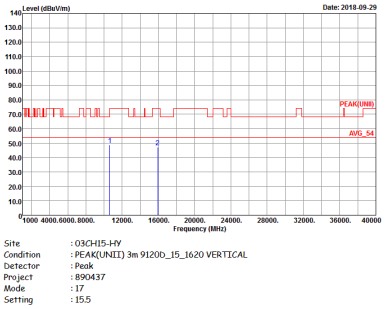
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 	

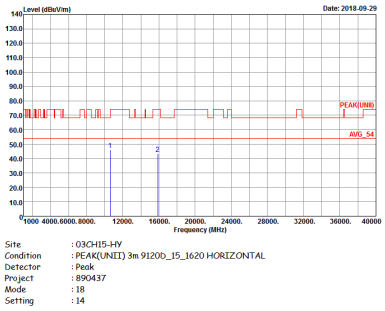
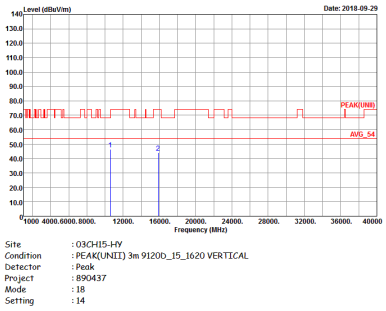
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.		

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.		

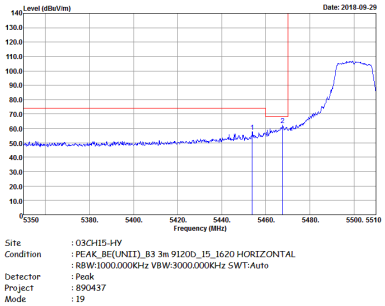
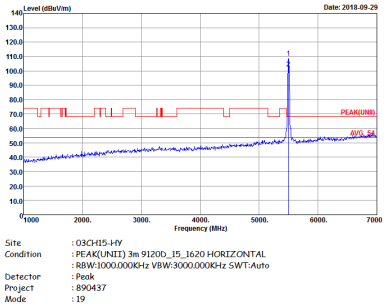
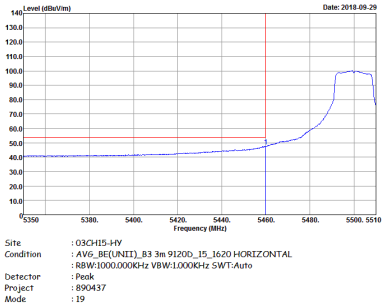
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310 MHz	
1	Horizontal	Vertical
Peak Avg.		

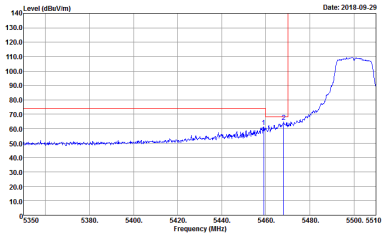
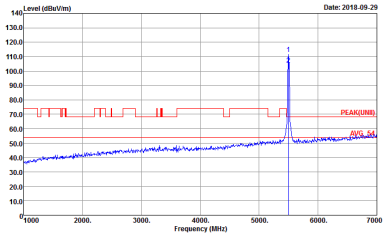
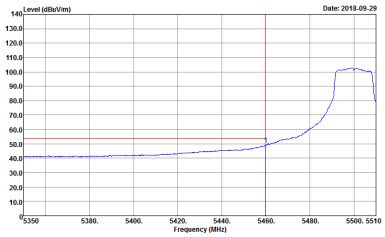
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

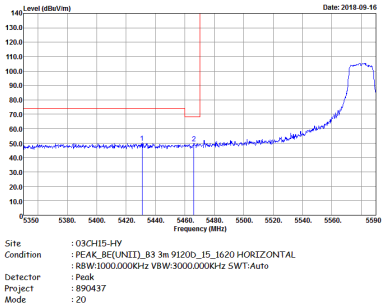
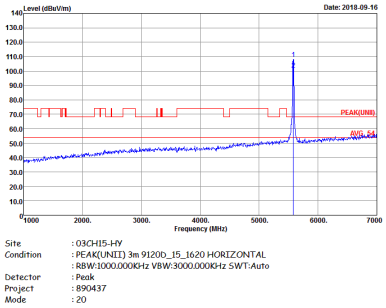
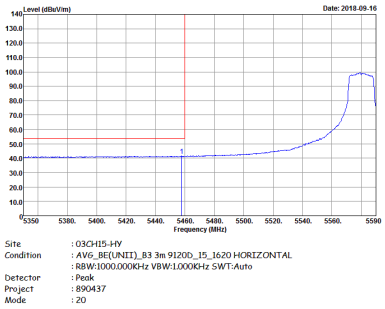
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.		

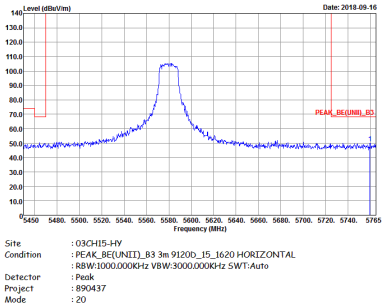
Band 3 - 5470~5725MHz

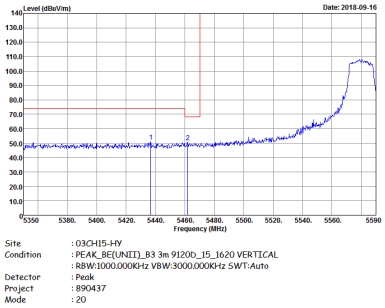
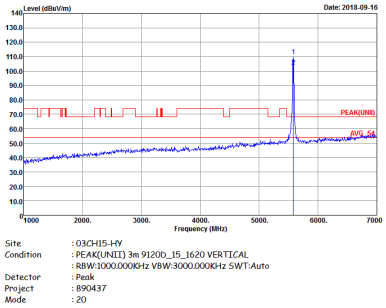
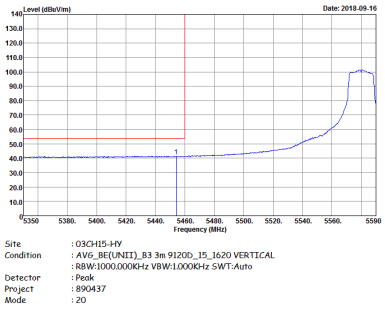
WIFI 802.11a (Band Edge @ 3m)

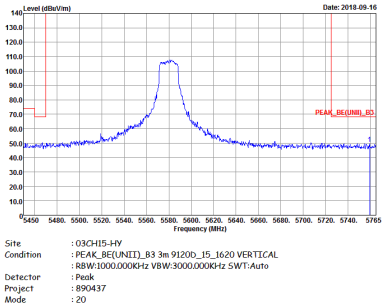
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

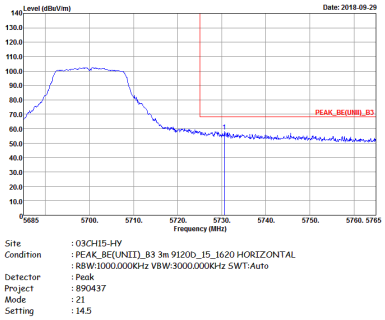
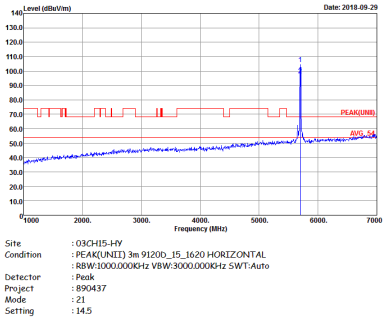
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_83 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 19	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 19
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_83 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 19	Left blank

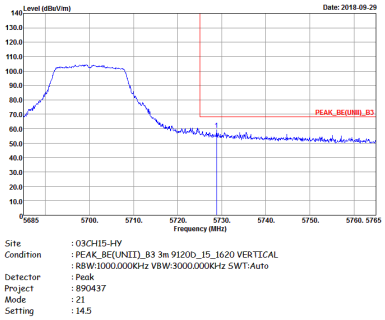
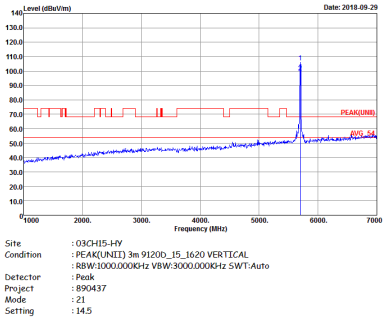
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

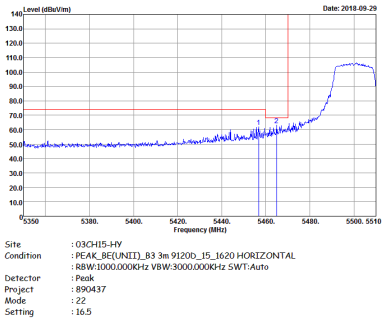
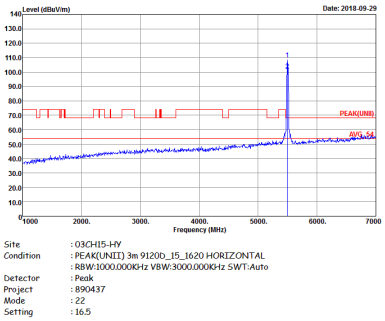
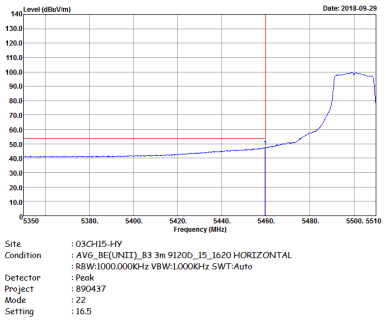
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

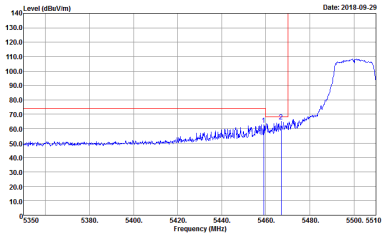
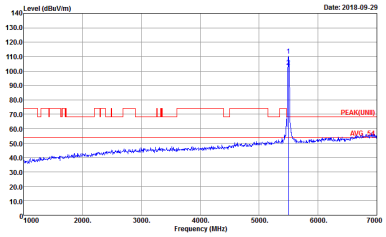
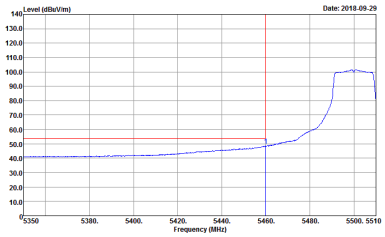
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

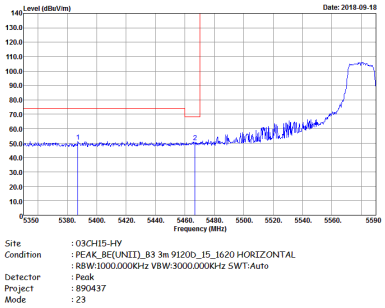
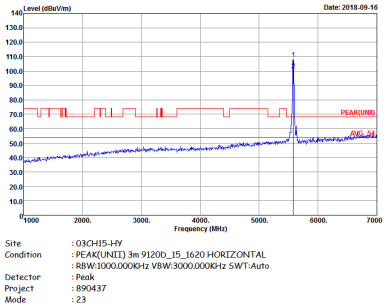
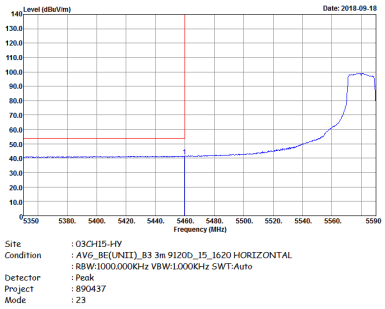
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_I5_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 21 Setting : 14.5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_I5_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 21 Setting : 14.5

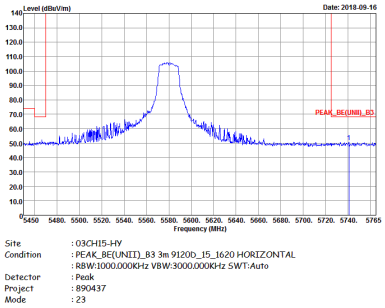
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak		

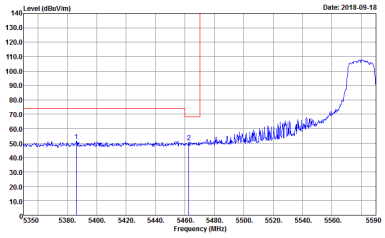
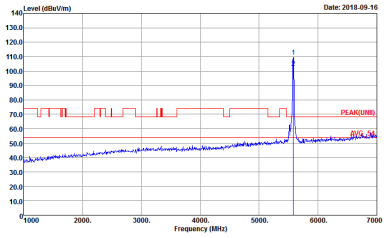
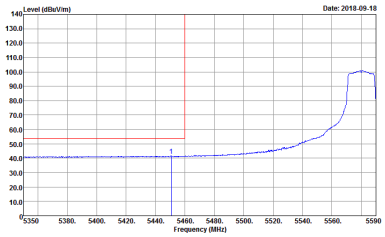
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

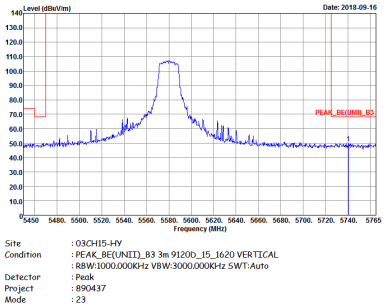
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

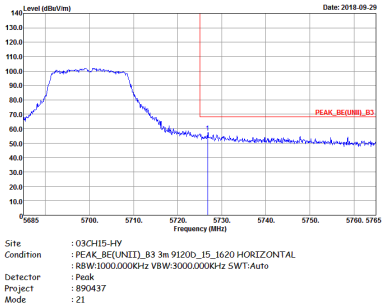
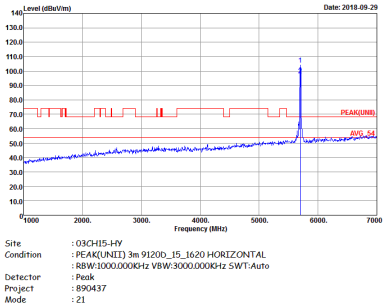
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_83 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 22 Setting : 16.5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 22 Setting : 16.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_83 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 22 Setting : 16.5	Left blank

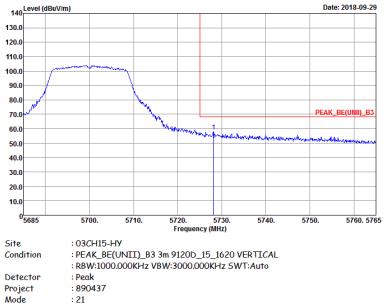
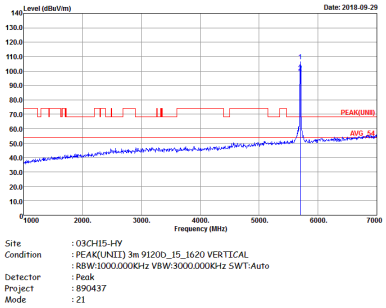
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HV Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 23	Left blank

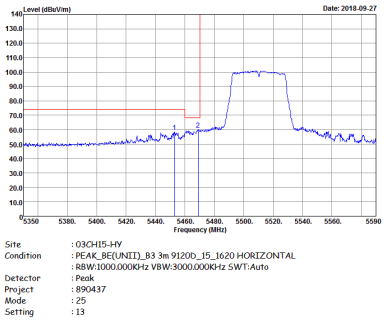
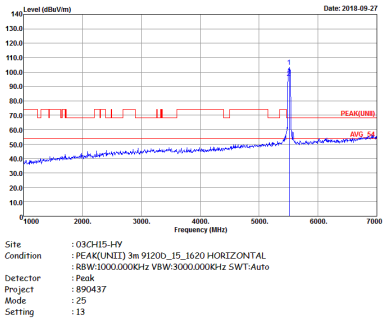
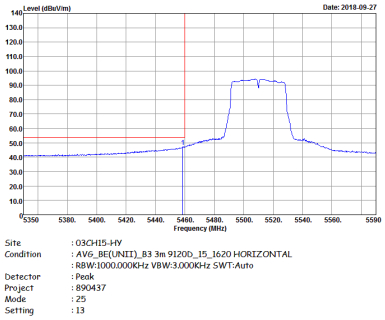
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

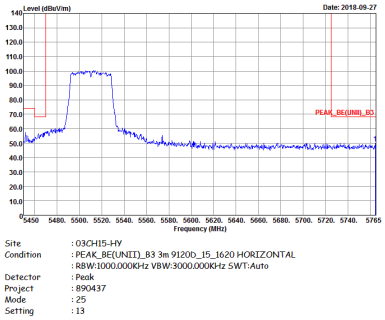
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak		Left blank

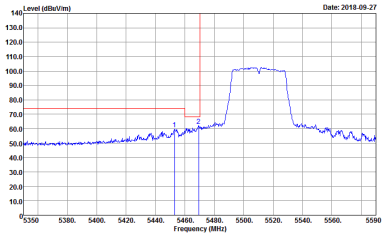
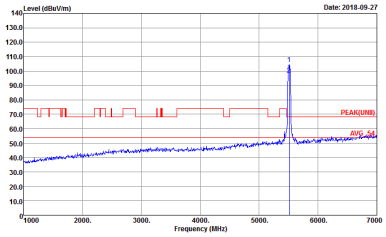
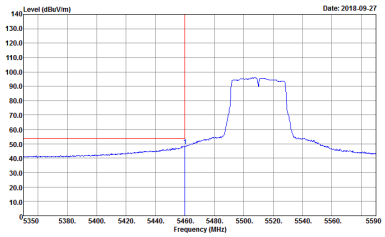
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak		

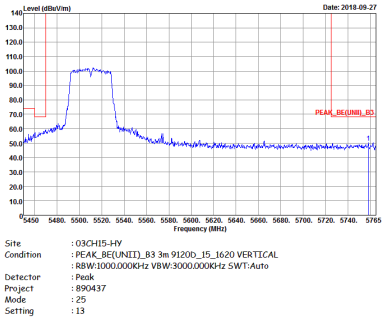
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.		

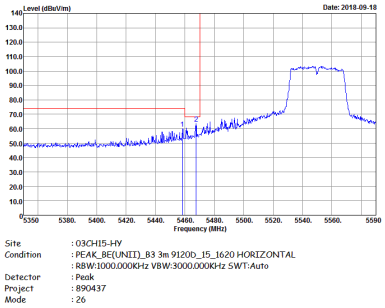
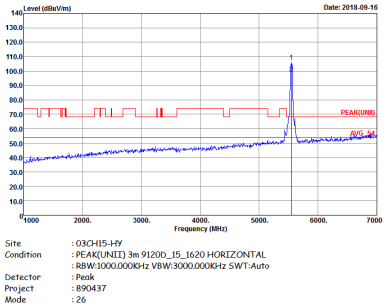
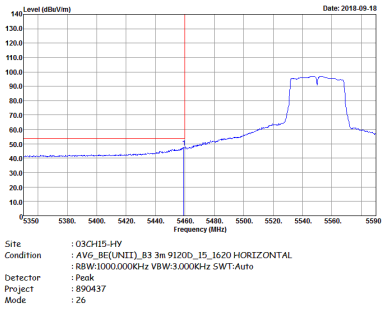
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

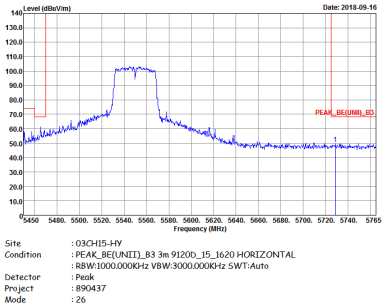
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

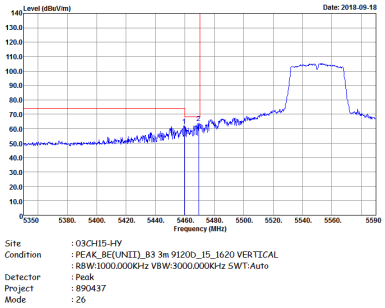
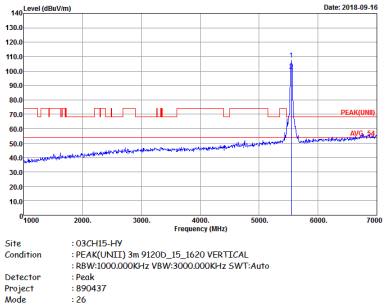
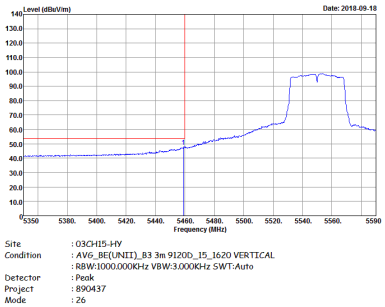
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 25 Setting : 13	Left blank

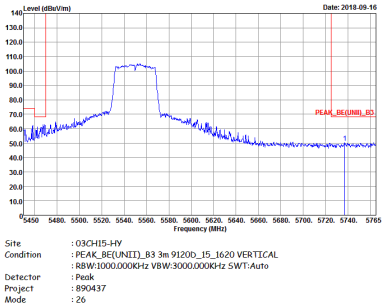
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 25 Setting : 13	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 25 Setting : 13
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 25 Setting : 13	Left blank

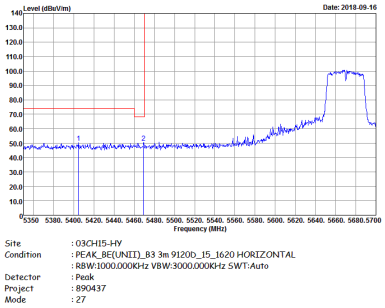
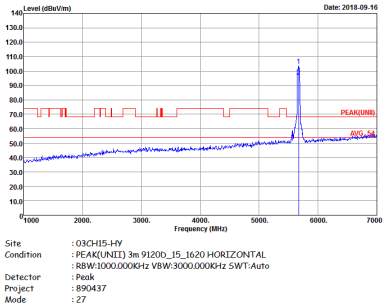
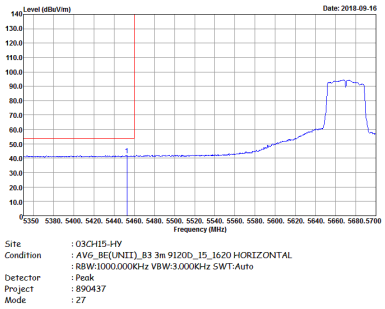
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 25 Setting : 13	Left blank

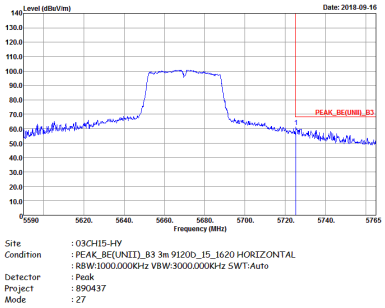
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

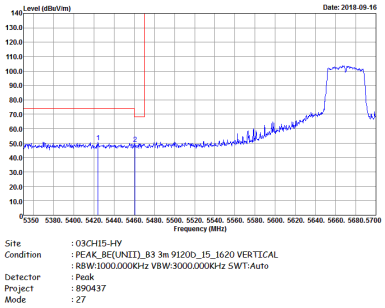
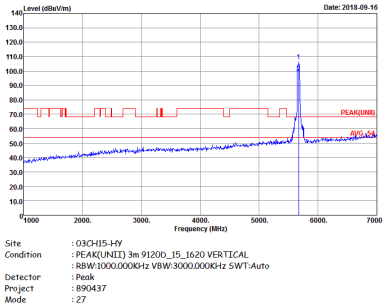
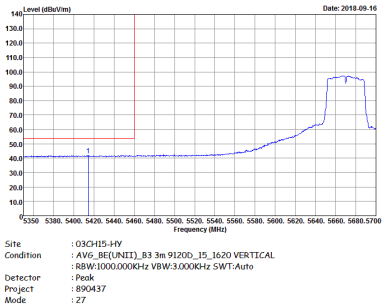
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

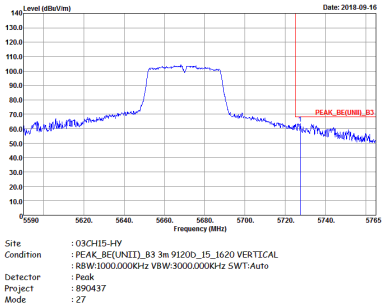
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak		Left blank

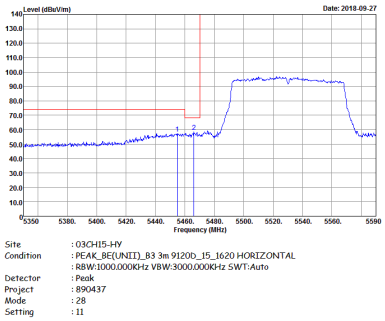
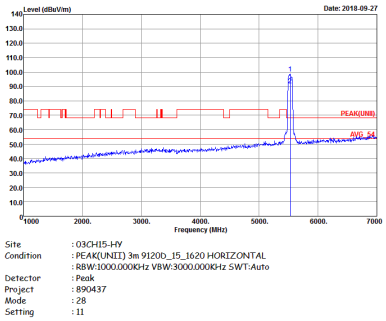
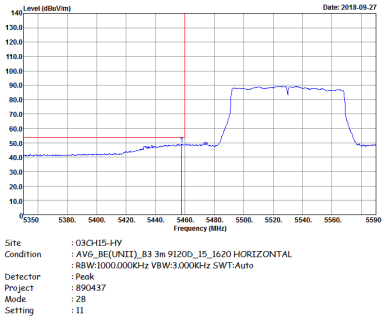
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

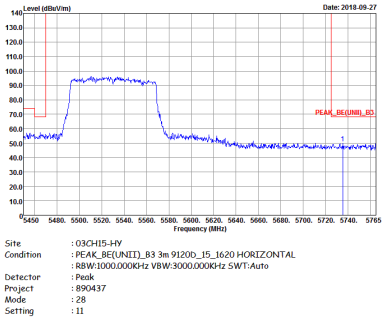
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

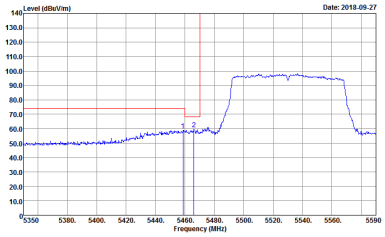
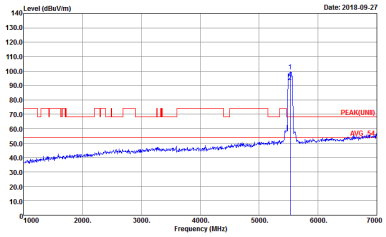
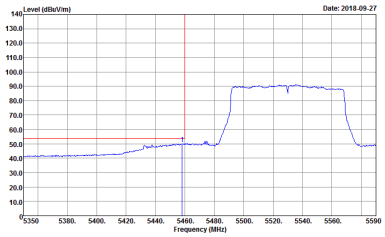
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

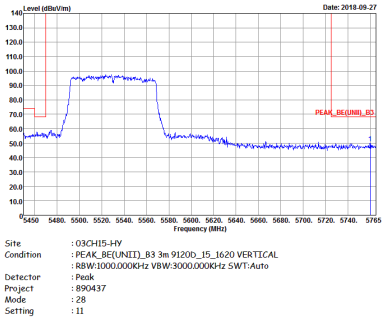
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 27	Left blank

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		
Avg.		Left blank

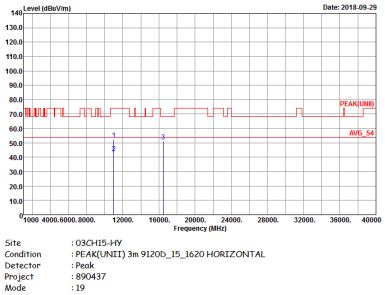
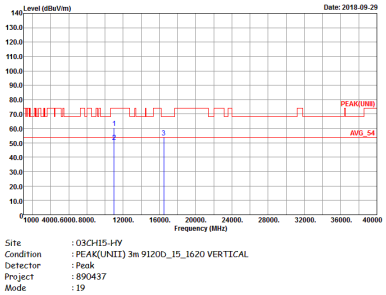
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

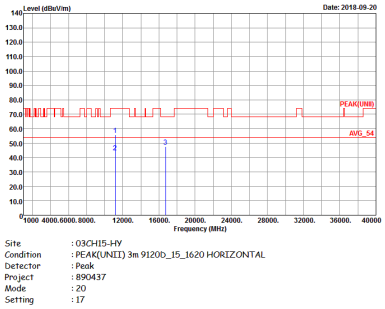
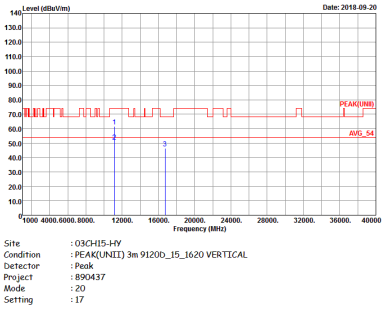
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 28 Setting : 11	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 28 Setting : 11
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 28 Setting : 11	Left blank

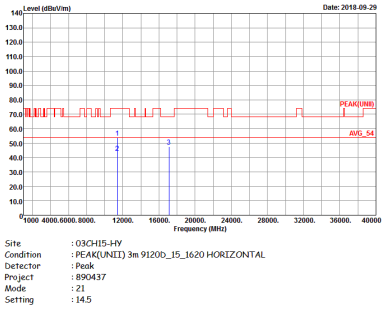
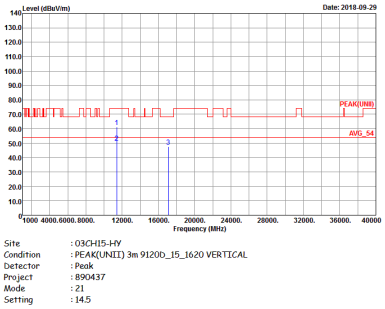
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_B3 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 890437 Mode : 28 Setting : 11	Left blank

Band 3 - 5470~5725MHz

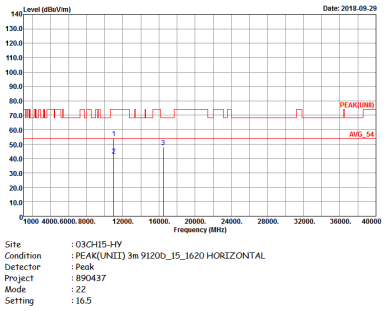
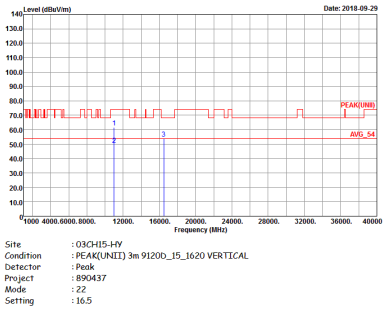
WIFI 802.11a (Harmonic @ 3m)

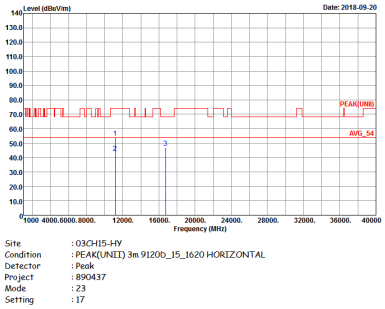
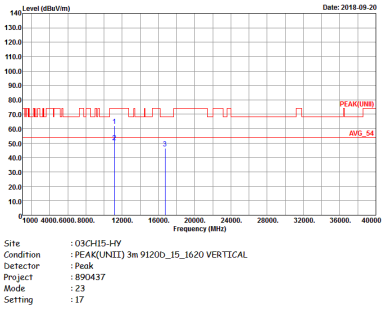
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

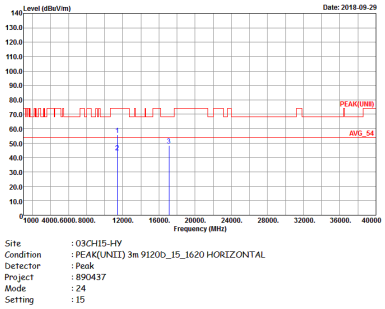
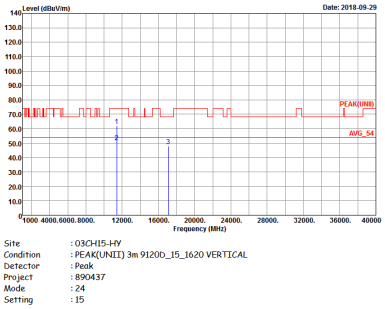
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 890437 Mode : 21 Setting : 14.5	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 890437 Mode : 21 Setting : 14.5

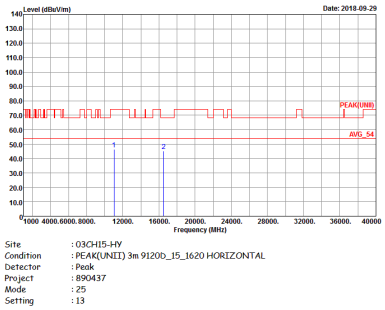
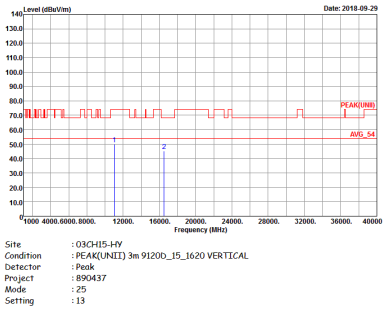
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

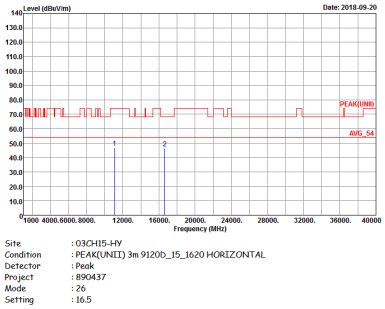
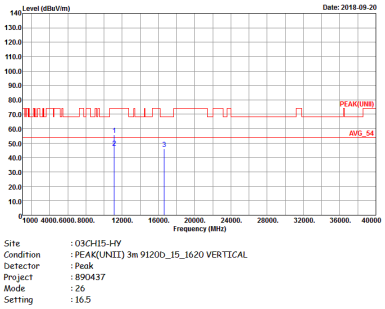
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.		

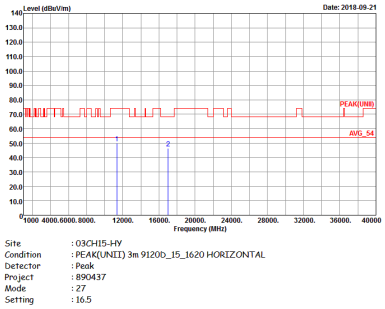
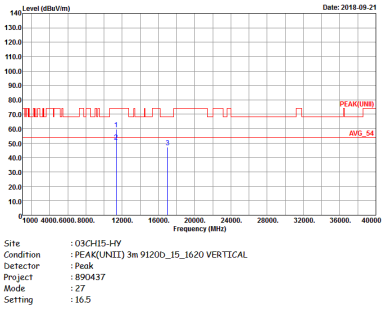
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 890437 Mode : 24 Setting : 15	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 890437 Mode : 24 Setting : 15

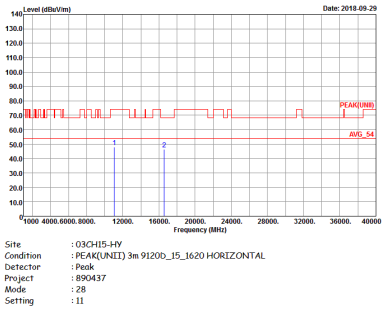
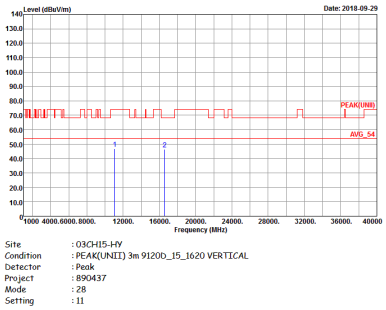
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.		

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

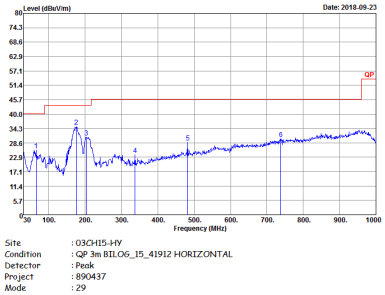
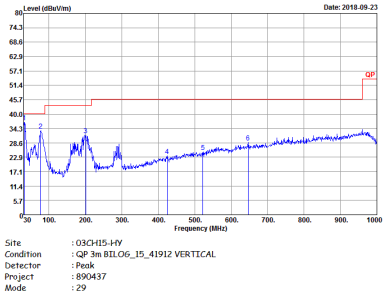
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.		

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.		

Emission below 1GHz

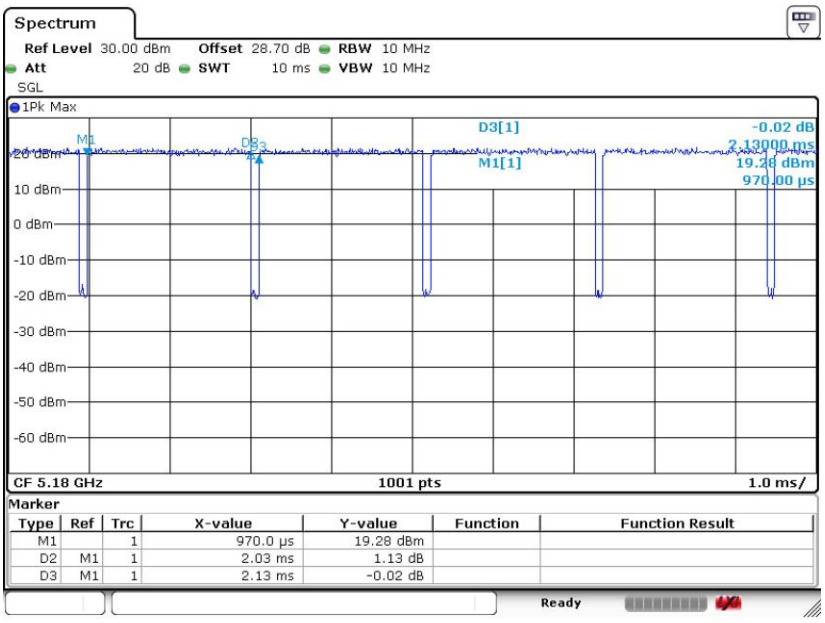
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak		

Appendix E. Duty Cycle Plots

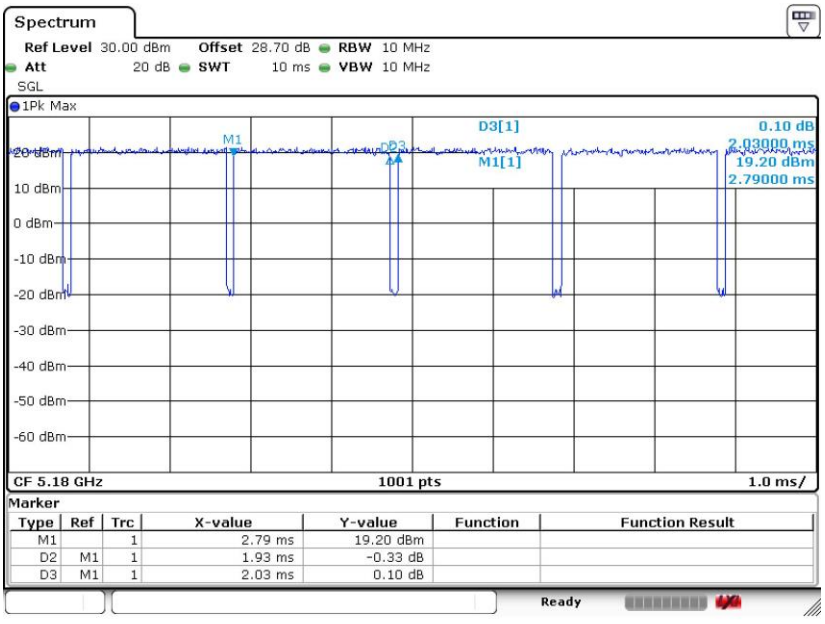
Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	95.31	2030	0.493	1kHz	0.21
5GHz 802.11n HT20	95.07	1930	0.518	1kHz	0.22
5GHz 802.11n HT40	90.91	950	1.053	3kHz	0.41
5GHz 802.11ac VHT20	95.10	1940	0.515	1kHz	0.22
5GHz 802.11ac VHT40	90.91	950	1.053	3kHz	0.41
5GHz 802.11ac VHT80	87.77	603	1.658	3kHz	0.57

802.11a



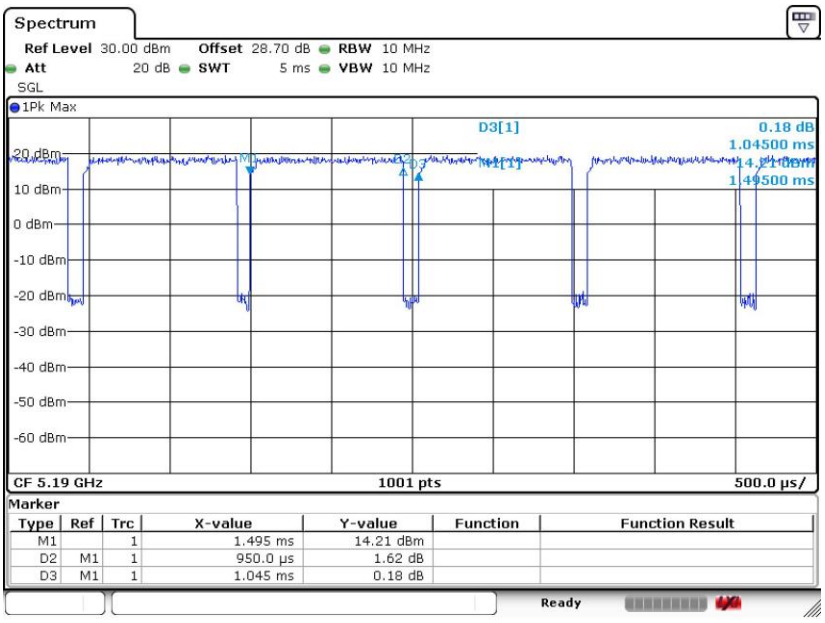
Date: 12.SEP.2018 06:46:05

802.11n HT20



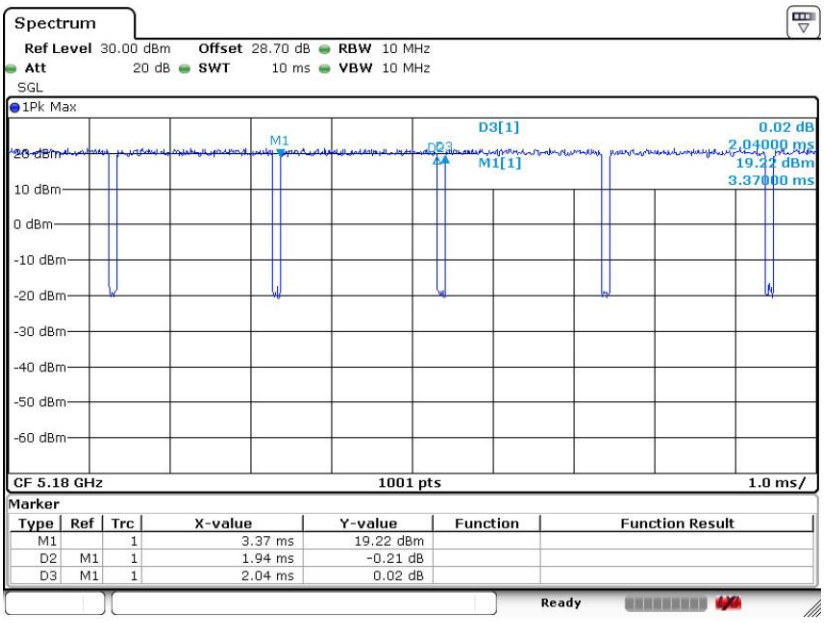
Date: 12.SEP.2018 07:44:09

802.11n HT40



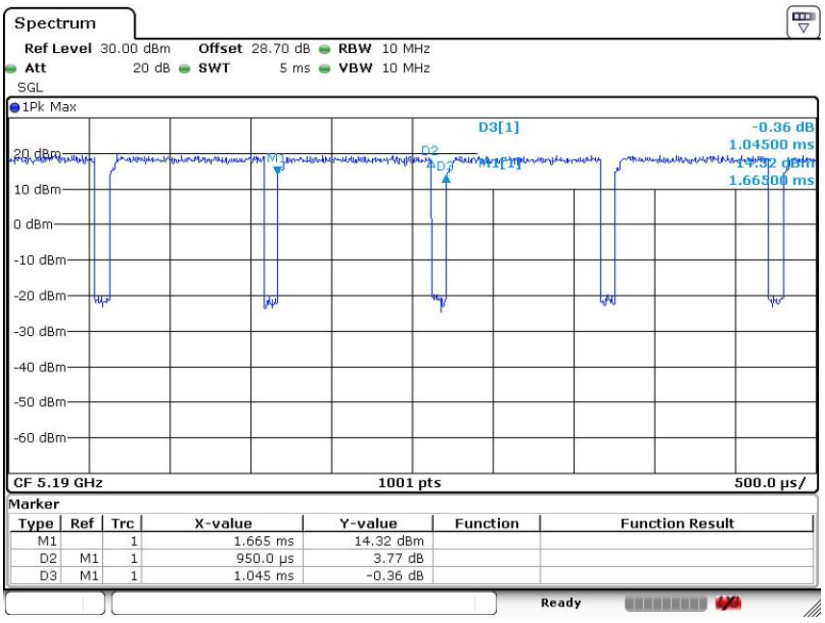
Date: 12.SEP.2018 06:57:14

802.11ac VHT20



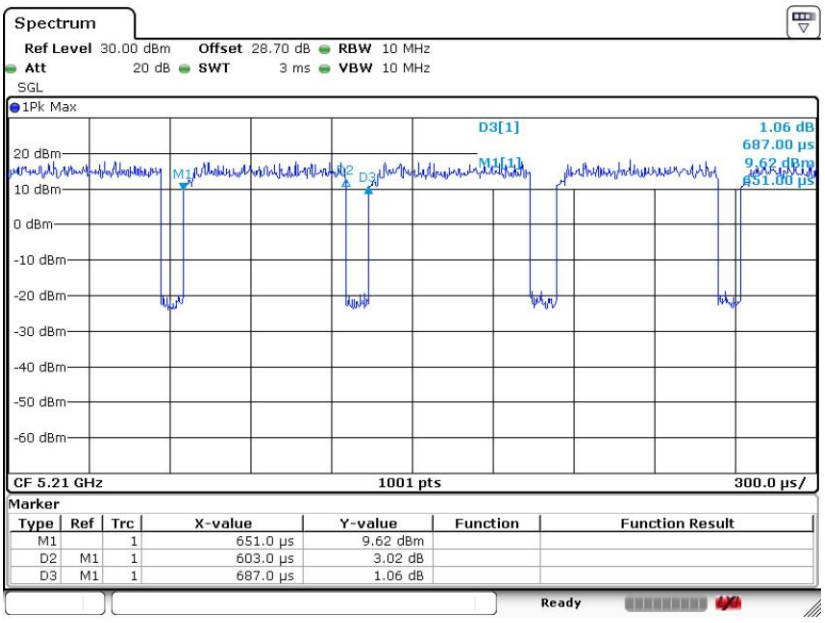
Date: 12.SEP.2018 07:05:00

802.11ac VHT40



Date: 12.SEP.2018 07:08:52

802.11ac VHT80



Date: 12.SEP.2018 07:15:11

THE END