FCC RADIO TEST REPORT

FCC ID	:	**2ARIV-2425**
Equipment	:	**Digital Media Receiver**
Model Name	:	**H23K37**
Applicant	:	**Abandon LLC** **801 E. Douglas Avenue, 2nd Floor** **Wichita, Kansas 67202**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was completed on Mar. 12, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

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

Approved by: Jones Tsai

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

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History of this test report

Report No.	Version	Description	Issued Date
FR892513-02D	01	Initial issue of report	Mar. 27, 2019

Summary of Test Result

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

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

Reviewed by: Wii Chang

Report Producer: Natasha Hsieh

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	H23K37
FCC ID	2ARIV-2425
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

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 : 18.90 dBm / 0.0776 W 802.11n HT20 : 18.40 dBm / 0.0692 W 802.11n HT40 : 18.00 dBm / 0.0631 W 802.11ac VHT20 : 18.30 dBm / 0.0676 W 802.11ac VHT40 : 17.90 dBm / 0.0617 W 802.11ac VHT80 : 12.90 dBm / 0.0195 W **<5260 MHz ~ 5320 MHz>** 802.11a : 18.30 dBm / 0.0676 W 802.11n HT20 : 17.80 dBm / 0.0603 W 802.11n HT40 : 17.30 dBm / 0.0537 W 802.11ac VHT20 : 17.70 dBm / 0.0589 W 802.11ac VHT40 : 17.20 dBm / 0.0525 W 802.11ac VHT80 : 15.00 dBm / 0.0316 W **<5500 MHz ~ 5720 MHz >** 802.11a : 19.90 dBm / 0.0977 W 802.11n HT20 : 19.30 dBm / 0.0851 W 802.11n HT40 : 19.00 dBm / 0.0794 W 802.11ac VHT20 : 19.20 dBm / 0.0832 W 802.11ac VHT40 : 18.90 dBm / 0.0776 W 802.11ac VHT80 : 18.10 dBm / 0.0646 W

Standards-related Product Specification	
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.95 MHz 802.11 n HT20 : 17.95 MHz 802.11 n HT40 : 36.80 MHz 802.11 ac VHT80 : 77.16 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.85 MHz 802.11 n HT20 : 17.90 MHz 802.11 n HT40 : 36.70 MHz 802.11 ac VHT80 : 77.16 MHz **<5500 MHz ~ 5720 MHz >** 802.11a : 16.95 MHz 802.11 n HT20 : 18.00 MHz 802.11 n HT40 : 36.90 MHz 802.11 ac VHT80 : 77.52 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** Fixed Internal Antenna with gain 4.2 dBi **<5260 MHz ~ 5320 MHz>** Fixed Internal Antenna with gain 4.2 dBi **<5500 MHz ~ 5720 MHz >** Fixed Internal Antenna with gain 4.6 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)

1.3 Modification of EUT

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

1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC.		
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	03CH07-HY

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

FCC Designation No. TW1190

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).

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + MPEG4 + Adapter

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

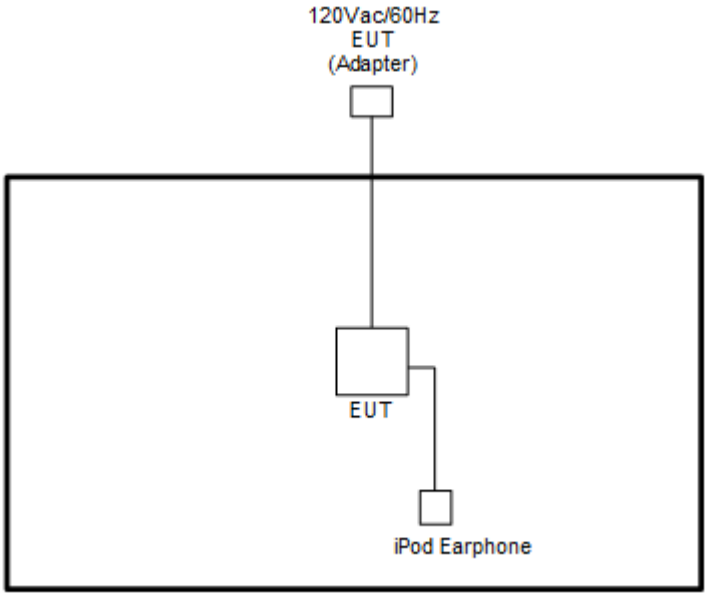
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

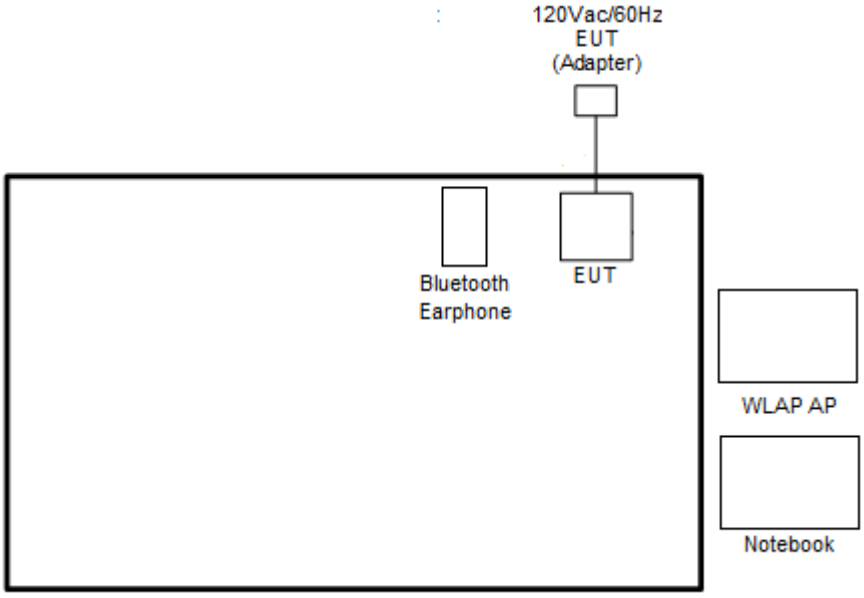
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

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.	WLAN AP	NETCEAR	R7000	N/A	N/A	Unshielded, 1.8 m
2.	Notebook	ASUS	P2430U	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
4.	iPod Earphone	Apple	A1285	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

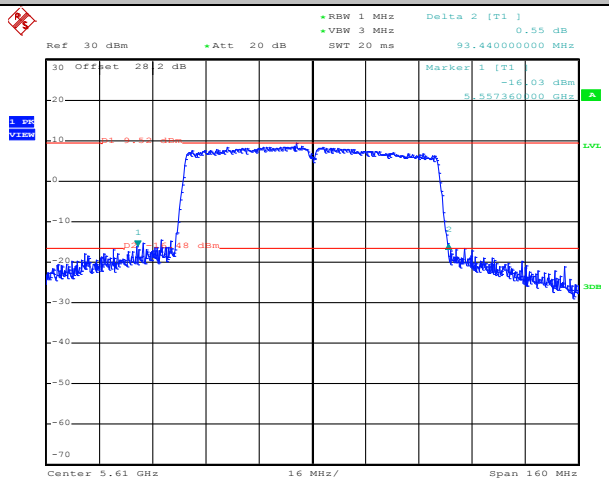
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup

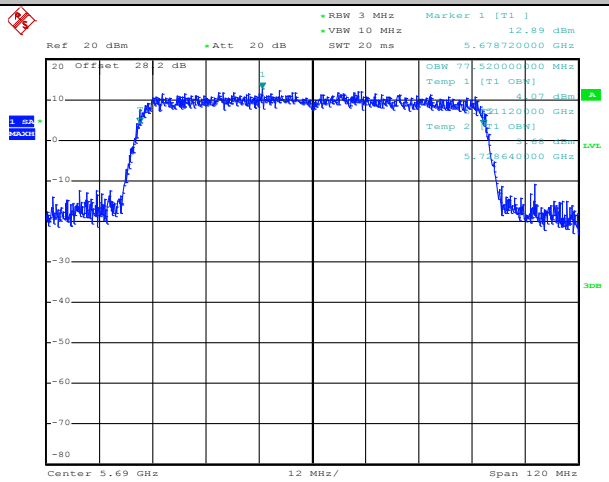
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

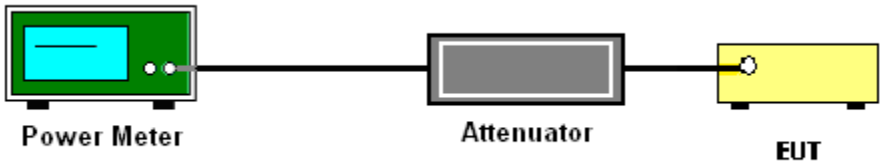
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

 # Method SA-2 #

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 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.

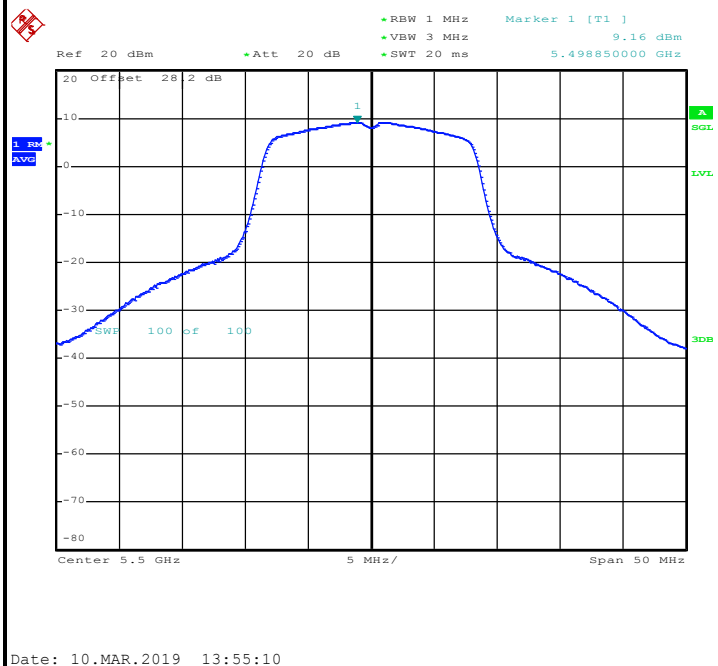
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

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

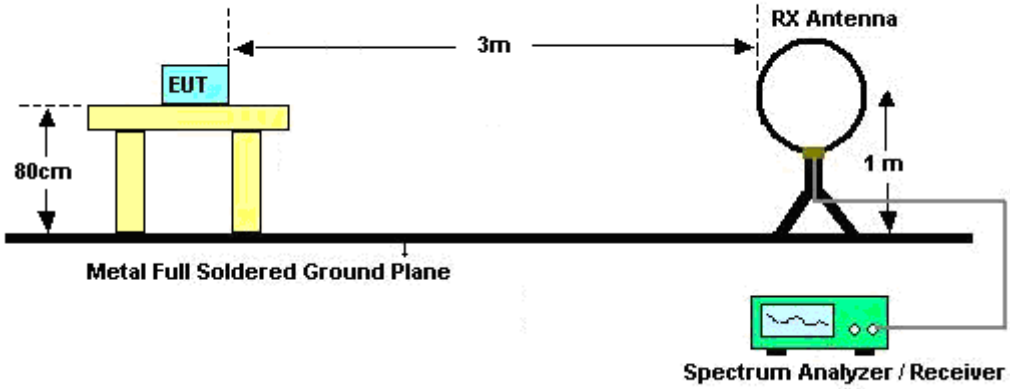
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

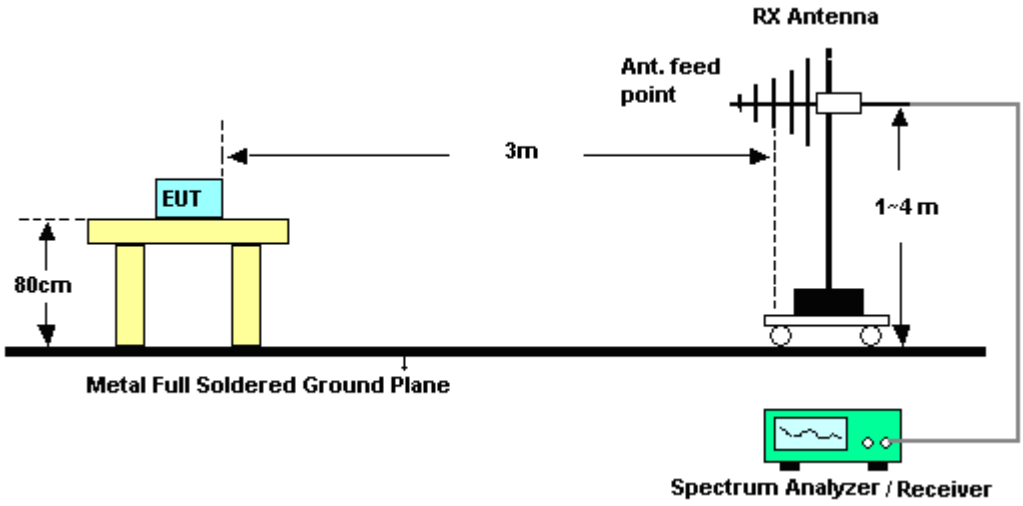
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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

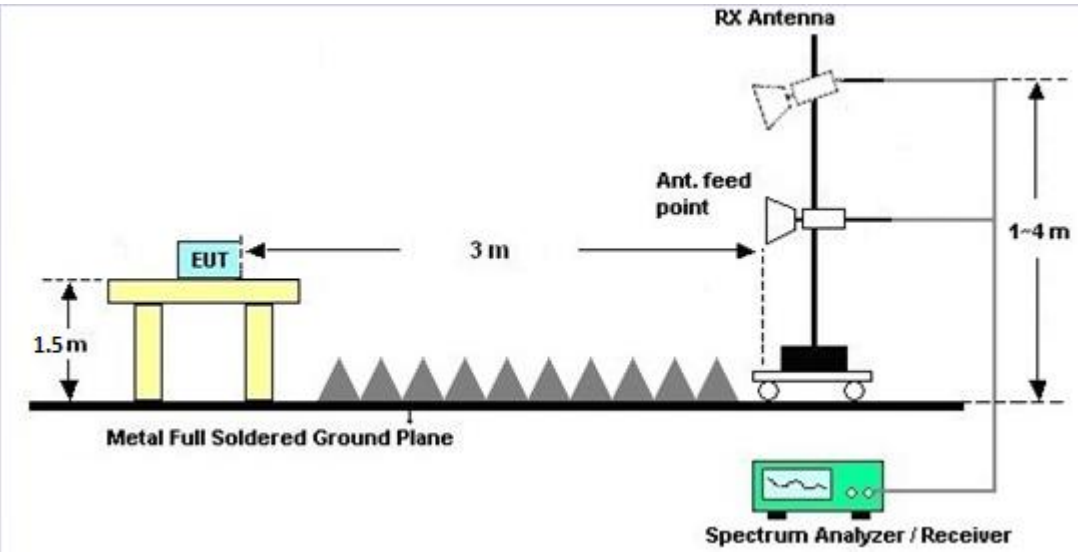
For radiated emissions below 30MHz



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.

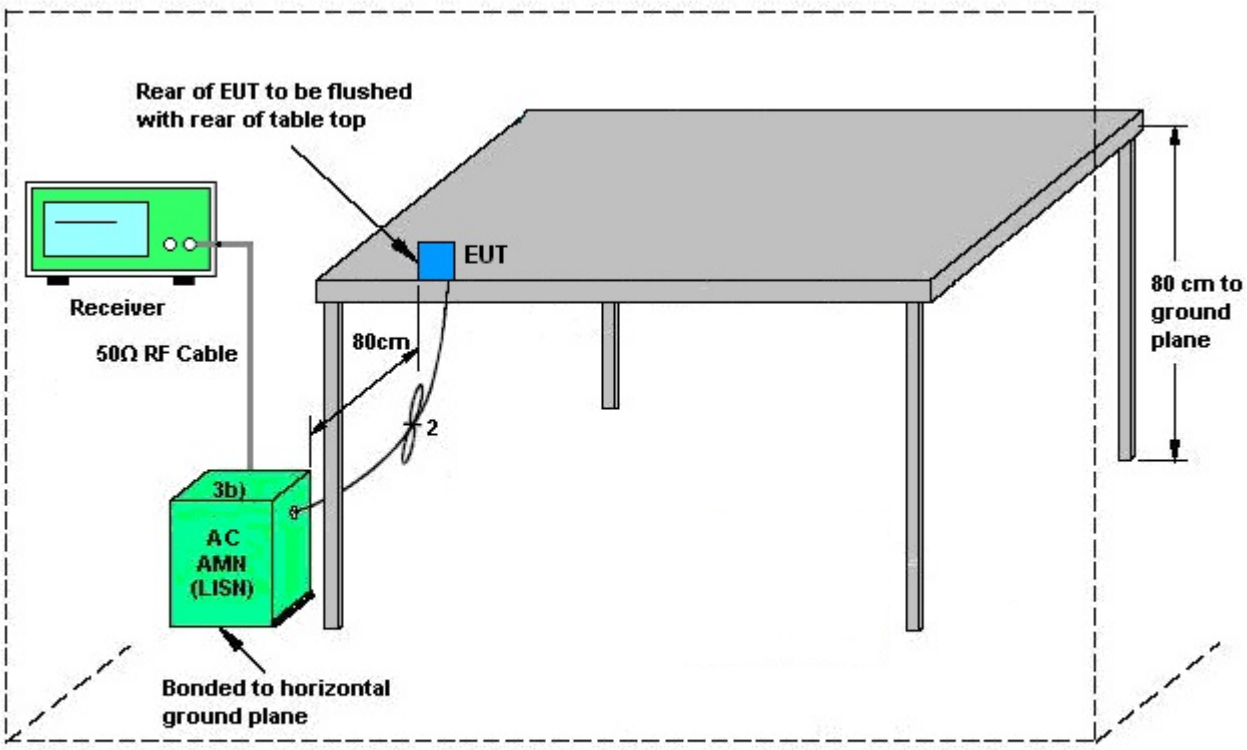
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

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

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

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

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

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

5180MHz

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Sensor	DARE	RadiPower	15I00041SNO09	10MHz~6GHz	May 07, 2018	Feb. 26, 2019~ Mar. 12, 2019	May 06, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2018	Feb. 26, 2019~ Mar. 12, 2019	Nov. 20, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC1300484	N/A	Apr. 17, 2018	Feb. 26, 2019~ Mar. 12, 2019	Apr. 16, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jan. 31, 2019	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Jan. 31, 2019	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Jan. 31, 2019	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Jan. 31, 2019	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 31, 2019	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Dec. 31, 2018	Jan. 31, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Dec. 31, 2018	Jan. 31, 2019	Dec. 30, 2019	Conduction (CO05-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N1D01N-06	35419&03	30MHz to 1GHz	Dec. 17, 2018	Feb. 25, 2019~ Mar. 03, 2019	Dec. 16, 2019	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 02, 2018	Feb. 25, 2019~ Mar. 03, 2019	Dec. 03, 2019	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz to 26.5GHz	Jan. 23, 2019	Feb. 25, 2019~ Mar. 03, 2019	Jan. 22, 2020	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 11, 2019	Feb. 25, 2019~ Mar. 03, 2019	Jan. 10, 2020	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz ~ 18GHz	Apr. 25, 2018	Feb. 25, 2019~ Mar. 03, 2019	Apr. 24, 2019	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1GHz	May 21, 2018	Feb. 25, 2019~ Mar. 03, 2019	May 20, 2019	Radiation (03CH07-HY)
Notch Filter	Wainwright	WRCJV12-5120-5150-5350-5380-40SS	SN1	5G Band 1~2	Mar. 16, 2018	Feb. 25, 2019~ Mar. 03, 2019	Mar. 15, 2019	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Feb. 25, 2019~ Mar. 03, 2019	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Feb. 25, 2019~ Mar. 03, 2019	N/A	Radiation (03CH07-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VSWR : 2.5:1 max	Jul. 16, 2018	Feb. 25, 2019~ Mar. 03, 2019	Jul. 15, 2019	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz- 40GHz	Nov. 20, 2018	Feb. 25, 2019~ Mar. 03, 2019	Nov. 19, 2019	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Apr. 17, 2018	Feb. 25, 2019~ Mar. 03, 2019	Apr. 16, 2019	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	80504004656H	N/A	N/A	Feb. 25, 2019~ Mar. 03, 2019	N/A	Radiation (03CH07-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))	**5.70**

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:	Shiming Liu/Howard Lin	Temperature:	21~25	°C
Test Date:	2019/2/26~2019/3/12	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	16.80	-	35.00	-	-		22.25	-		
11a	6Mbps	1	44	5220	16.95	-	35.85	-	-		22.29	-		
11a	6Mbps	1	48	5240	16.90	-	36.55	-	-		22.28	-		
HT20	MCS0	1	36	5180	17.90	-	36.00	-	-		22.53	-		
HT20	MCS0	1	44	5220	17.95	-	36.15	-	-		22.54	-		
HT20	MCS0	1	48	5240	17.85	-	36.05	-	-		22.52	-		
HT40	MCS0	1	38	5190	36.40	-	41.76	-	-		23.01	-		
HT40	MCS0	1	46	5230	36.80	-	67.59	-	-		23.01	-		
VHT80	MCS0	1	42	5210	77.16	-	81.92	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC Band I												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	36	5180	18.80	-	24.00	-	4.20	-		Pass
11a	6Mbps	1	44	5220	18.90	-	24.00	-	4.20	-		Pass
11a	6Mbps	1	48	5240	18.90	-	24.00	-	4.20	-		Pass
HT20	MCS0	1	36	5180	18.40	-	24.00	-	4.20	-		Pass
HT20	MCS0	1	44	5220	18.40	-	24.00	-	4.20	-		Pass
HT20	MCS0	1	48	5240	18.40	-	24.00	-	4.20	-		Pass
HT40	MCS0	1	38	5190	14.60	-	24.00	-	4.20	-		Pass
HT40	MCS0	1	46	5230	18.00	-	24.00	-	4.20	-		Pass
VHT20	MCS0	1	36	5180	18.30	-	24.00	-	4.20	-		Pass
VHT20	MCS0	1	44	5220	18.30	-	24.00	-	4.20	-		Pass
VHT20	MCS0	1	48	5240	18.30	-	24.00	-	4.20	-		Pass
VHT40	MCS0	1	38	5190	14.50	-	24.00	-	4.20	-		Pass
VHT40	MCS0	1	46	5230	17.90	-	24.00	-	4.20	-		Pass
VHT80	MCS0	1	42	5210	12.90	-	24.00	-	4.20	-		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 0	Ant 1	Ant 0	Ant 1	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.00	-	7.87	-	11.00	-	4.20	-		Pass
11a	6Mbps	1	44	5220	0.00	-	8.33	-	11.00	-	4.20	-		Pass
11a	6Mbps	1	48	5240	0.00	-	8.40	-	11.00	-	4.20	-		Pass
HT20	MCS0	1	36	5180	0.00	-	7.61	-	11.00	-	4.20	-		Pass
HT20	MCS0	1	44	5220	0.00	-	7.71	-	11.00	-	4.20	-		Pass
HT20	MCS0	1	48	5240	0.00	-	7.52	-	11.00	-	4.20	-		Pass
HT40	MCS0	1	38	5190	0.00	-	0.04	-	11.00	-	4.20	-		Pass
HT40	MCS0	1	46	5230	0.00	-	3.97	-	11.00	-	4.20	-		Pass
VHT80	MCS0	1	42	5210	0.00	-	-4.85	-	11.00	-	4.20	-		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	1	52	5260	16.85	-	33.25	-	23.27	-	29.27	-	23.98	-	
11a	6Mbps	1	60	5300	16.85	-	35.80	-	23.27	-	29.27	-	23.98	-	
11a	6Mbps	1	64	5320	16.80	-	34.70	-	23.25	-	29.25	-	23.98	-	
HT20	MCS0	1	52	5260	17.90	-	32.90	-	23.53	-	29.53	-	23.98	-	
HT20	MCS0	1	60	5300	17.85	-	34.35	-	23.52	-	29.52	-	23.98	-	
HT20	MCS0	1	64	5320	17.75	-	32.45	-	23.49	-	29.49	-	23.98	-	
HT40	MCS0	1	54	5270	36.70	-	61.83	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.50	-	48.69	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	77.16	-	82.88	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC Band II												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	18.30	-	23.98	-	4.20	-	26.99	Pass
11a	6Mbps	1	60	5300	18.30	-	23.98	-	4.20	-	26.99	Pass
11a	6Mbps	1	64	5320	18.30	-	23.98	-	4.20	-	26.99	Pass
HT20	MCS0	1	52	5260	17.80	-	23.98	-	4.20	-	26.99	Pass
HT20	MCS0	1	60	5300	17.70	-	23.98	-	4.20	-	26.99	Pass
HT20	MCS0	1	64	5320	17.80	-	23.98	-	4.20	-	26.99	Pass
HT40	MCS0	1	54	5270	17.30	-	23.98	-	4.20	-	26.99	Pass
HT40	MCS0	1	62	5310	16.00	-	23.98	-	4.20	-	26.99	Pass
VHT20	MCS0	1	52	5260	17.70	-	23.98	-	4.20	-	26.99	Pass
VHT20	MCS0	1	60	5300	17.60	-	23.98	-	4.20	-	26.99	Pass
VHT20	MCS0	1	64	5320	17.70	-	23.98	-	4.20	-	26.99	Pass
VHT40	MCS0	1	54	5270	17.20	-	23.98	-	4.20	-	26.99	Pass
VHT40	MCS0	1	62	5310	15.90	-	23.98	-	4.20	-	26.99	Pass
VHT80	MCS0	1	58	5290	15.00	-	23.98	-	4.20	-	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	52	5260	0.00	-	7.75	-	11.00	-	4.20	-		Pass
11a	6Mbps	1	60	5300	0.00	-	7.62	-	11.00	-	4.20	-		Pass
11a	6Mbps	1	64	5320	0.00	-	7.62	-	11.00	-	4.20	-		Pass
HT20	MCS0	1	52	5260	0.00	-	7.05	-	11.00	-	4.20	-		Pass
HT20	MCS0	1	60	5300	0.00	-	6.70	-	11.00	-	4.20	-		Pass
HT20	MCS0	1	64	5320	0.00	-	6.76	-	11.00	-	4.20	-		Pass
HT40	MCS0	1	54	5270	0.00	-	3.39	-	11.00	-	4.20	-		Pass
HT40	MCS0	1	62	5310	0.00	-	1.75	-	11.00	-	4.20	-		Pass
VHT80	MCS0	1	58	5290	0.00	-	-2.45	-	11.00	-	4.20	-		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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	1	100	5500	16.95	-	36.00	-	23.29	-	29.29	-	23.98	-	----	----
11a	6Mbps	1	116	5580	16.80	-	34.45	-	23.25	-	29.25	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.70	-	28.25	-	23.23	-	29.23	-	23.98	-	----	----
11a	6Mbps	1	144	5720	16.90	-	22.95	-	23.28	-	29.28	-	23.98	-	3.05	-
HT20	MCS0	1	100	5500	18.00	-	36.15	-	23.55	-	29.55	-	23.98	-	----	----
HT20	MCS0	1	116	5580	17.85	-	32.05	-	23.52	-	29.52	-	23.98	-	----	----
HT20	MCS0	1	140	5700	17.90	-	34.75	-	23.53	-	29.53	-	23.98	-	----	----
HT20	MCS0	1	144	5720	17.90	-	22.50	-	23.53	-	29.53	-	23.98	-	3.75	-
HT40	MCS0	1	102	5510	36.40	-	41.58	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.70	-	55.89	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.70	-	51.48	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	142	5710	36.90	-	49.74	-	23.98	-	30.00	-	23.98	-	3.09	-
VHT80	MCS0	1	106	5530	77.16	-	81.60	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	77.28	-	93.44	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	138	5690	77.52	-	89.24	-	23.98	-	30.00	-	23.98	-	3.08	-

TEST RESULTS DATA
Average Power Table

FCC Band III												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)		FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	19.90	-	23.98	-	4.60	-	26.99	Pass
11a	6Mbps	1	116	5580	19.90	-	23.98	-	4.60	-	26.99	Pass
11a	6Mbps	1	140	5700	17.90	-	23.98	-	4.60	-	26.99	Pass
11a	6Mbps	1	144	5720	19.60	-	23.98	-	4.60	-	26.99	Pass
HT20	MCS0	1	100	5500	19.30	-	23.98	-	4.60	-	26.99	Pass
HT20	MCS0	1	116	5580	19.30	-	23.98	-	4.60	-	26.99	Pass
HT20	MCS0	1	140	5700	17.40	-	23.98	-	4.60	-	26.99	Pass
HT20	MCS0	1	144	5720	19.20	-	23.98	-	4.60	-	26.99	Pass
HT40	MCS0	1	102	5510	16.50	-	23.98	-	4.60	-	26.99	Pass
HT40	MCS0	1	110	5550	19.00	-	23.98	-	4.60	-	26.99	Pass
HT40	MCS0	1	134	5670	18.40	-	23.98	-	4.60	-	26.99	Pass
HT40	MCS0	1	142	5710	19.00	-	23.98	-	4.60	-	26.99	Pass
VHT20	MCS0	1	100	5500	19.20	-	23.98	-	4.60	-	26.99	Pass
VHT20	MCS0	1	116	5580	19.20	-	23.98	-	4.60	-	26.99	Pass
VHT20	MCS0	1	140	5700	17.30	-	23.98	-	4.60	-	26.99	Pass
VHT20	MCS0	1	144	5720	19.10	-	23.98	-	4.60	-	26.99	Pass
VHT40	MCS0	1	102	5510	16.40	-	23.98	-	4.60	-	26.99	Pass
VHT40	MCS0	1	110	5550	18.90	-	23.98	-	4.60	-	26.99	Pass
VHT40	MCS0	1	134	5670	18.30	-	23.98	-	4.60	-	26.99	Pass
VHT40	MCS0	1	142	5710	18.90	-	23.98	-	4.60	-	26.99	Pass
VHT80	MCS0	1	106	5530	15.60	-	23.98	-	4.60	-	26.99	Pass
VHT80	MCS0	1	122	5610	18.10	-	23.98	-	4.60	-	26.99	Pass
VHT80	MCS0	1	138	5690	17.90	-	23.98	-	4.60	-	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 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	1	100	5500	0.00	-	9.16	-	11.00	-	4.60	-		Pass
11a	6Mbps	1	116	5580	0.00	-	9.08	-	11.00	-	4.60	-		Pass
11a	6Mbps	1	140	5700	0.00	-	6.45	-	11.00	-	4.60	-		Pass
11a	6Mbps	1	144	5720	0.00	-	8.19	-	11.00	-	4.60	-		Pass
HT20	MCS0	1	100	5500	0.00	-	7.40	-	11.00	-	4.60	-		Pass
HT20	MCS0	1	116	5580	0.00	-	7.99	-	11.00	-	4.60	-		Pass
HT20	MCS0	1	140	5700	0.00	-	6.05	-	11.00	-	4.60	-		Pass
HT20	MCS0	1	144	5720	0.00	-	7.48	-	11.00	-	4.60	-		Pass
HT40	MCS0	1	102	5510	0.00	-	2.09	-	11.00	-	4.60	-		Pass
HT40	MCS0	1	110	5550	0.00	-	4.53	-	11.00	-	4.60	-		Pass
HT40	MCS0	1	134	5670	0.00	-	3.39	-	11.00	-	4.60	-		Pass
HT40	MCS0	1	142	5710	0.00	-	3.70	-	11.00	-	4.60	-		Pass
VHT80	MCS0	1	106	5530	0.00	-	-1.91	-	11.00	-	4.60	-		Pass
VHT80	MCS0	1	122	5610	0.00	-	-0.01	-	11.00	-	4.60	-		Pass
VHT80	MCS0	1	138	5690	0.00	-	-0.56	-	11.00	-	4.60	-		Pass

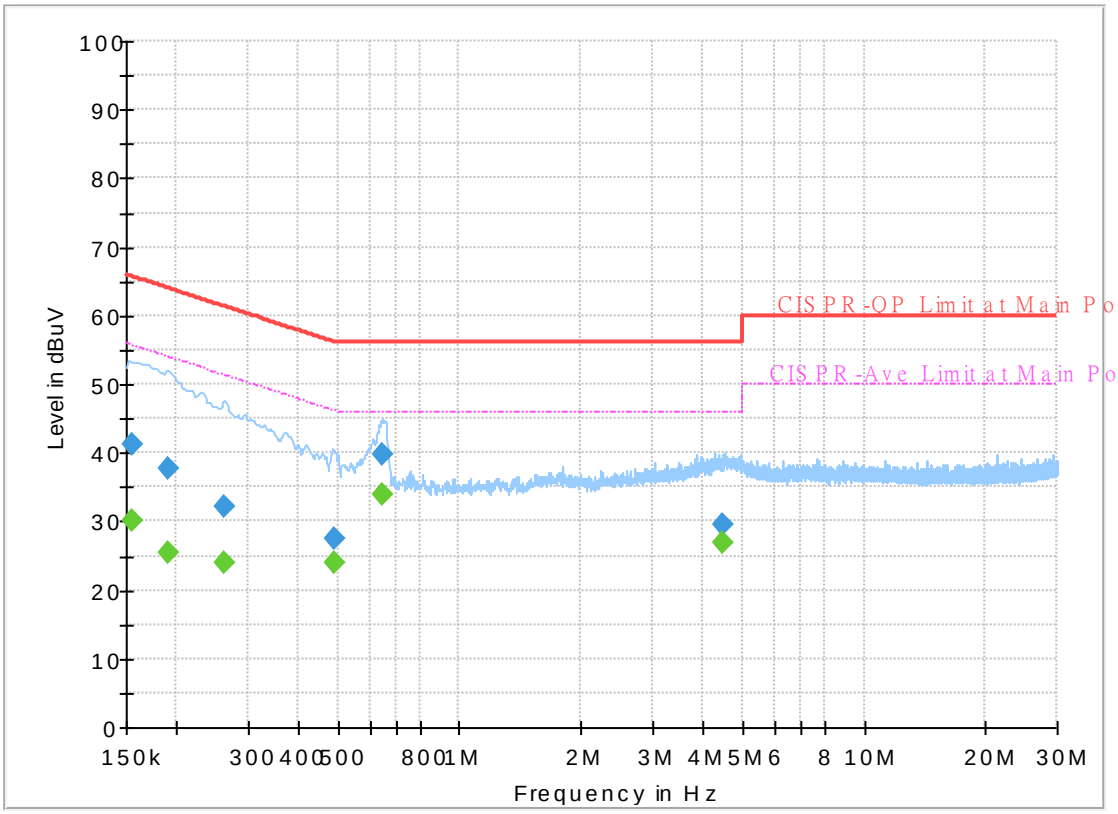
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Rick Lin	**Temperature :**	22~24℃
		Relative Humidity :	53~55%

EUT Information

Report NO :	892513-02
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



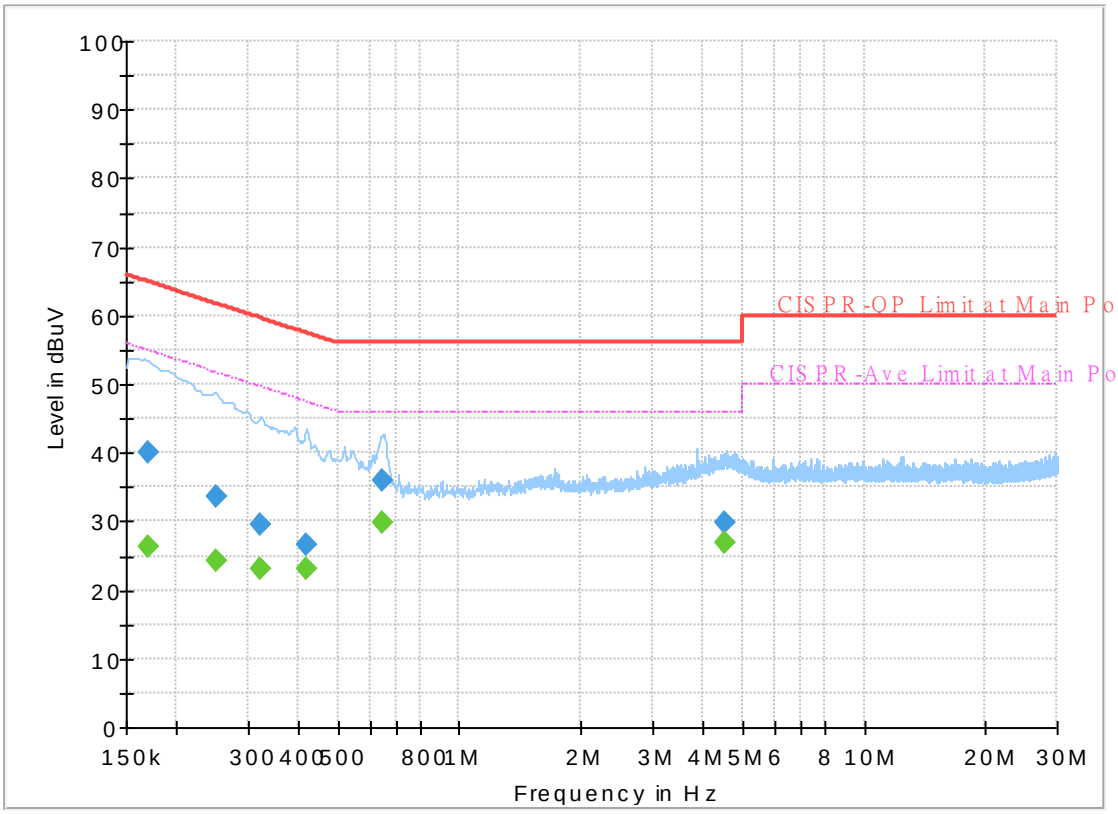
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154500	---	30.18	55.75	25.57	L1	OFF	19.5
0.154500	41.33	---	65.75	24.42	L1	OFF	19.5
0.190500	---	25.43	54.02	28.59	L1	OFF	19.5
0.190500	37.82	---	64.02	26.20	L1	OFF	19.5
0.262500	---	24.03	51.35	27.32	L1	OFF	19.5
0.262500	32.28	---	61.35	29.07	L1	OFF	19.5
0.489750	---	23.95	46.17	22.22	L1	OFF	19.5
0.489750	27.50	---	56.17	28.67	L1	OFF	19.5
0.647250	---	33.84	46.00	12.16	L1	OFF	19.6
0.647250	39.85	---	56.00	16.15	L1	OFF	19.6
4.474500	---	26.79	46.00	19.21	L1	OFF	19.7
4.474500	29.64	---	56.00	26.36	L1	OFF	19.7

EUT Information

Report NO :	892513-02
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170250	---	26.26	54.95	28.69	N	OFF	19.5
0.170250	39.95	---	64.95	25.00	N	OFF	19.5
0.251250	---	24.27	51.72	27.45	N	OFF	19.5
0.251250	33.60	---	61.72	28.12	N	OFF	19.5
0.323250	---	23.03	49.62	26.59	N	OFF	19.5
0.323250	29.41	---	59.62	30.21	N	OFF	19.5
0.420000	---	23.02	47.45	24.43	N	OFF	19.5
0.420000	26.65	---	57.45	30.80	N	OFF	19.5
0.645000	---	29.75	46.00	16.25	N	OFF	19.6
0.645000	36.09	---	56.00	19.91	N	OFF	19.6
4.548750	---	26.80	46.00	19.20	N	OFF	19.7
4.548750	29.74	---	56.00	26.26	N	OFF	19.7

Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh, Troye Hsieh	Temperature :	24~25°C
		Relative Humidity :	48~49%

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.	
0		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	59.66	-14.34	74	49.12	34.3	11.29	35.05	233	346	P	H
		5150	48.21	-5.79	54	37.67	34.3	11.29	35.05	233	346	A	H
	*	5180	110.62	-	-	100.08	34.3	11.29	35.05	233	346	P	H
	*	5180	102.5	-	-	91.96	34.3	11.29	35.05	233	346	A	H
		5148.72	57.08	-16.92	74	46.54	34.3	11.29	35.05	119	24	P	V
		5150	46.91	-7.09	54	36.37	34.3	11.29	35.05	119	24	A	V
	*	5180	109.67	-	-	99.13	34.3	11.29	35.05	119	24	P	V
	*	5180	101.58	-	-	91.04	34.3	11.29	35.05	119	24	A	V
802.11a CH 44 5220MHz		5006.76	50.92	-23.08	74	40.85	34.03	11.08	35.04	243	346	P	H
		5140.4	40.93	-13.07	54	30.39	34.3	11.29	35.05	243	346	A	H
	*	5220	111.65	-	-	101.03	34.33	11.34	35.05	243	346	P	H
	*	5220	103.41	-	-	92.79	34.33	11.34	35.05	243	346	A	H
		5362.84	50.22	-23.78	74	39.31	34.47	11.49	35.05	243	346	P	H
		5379.92	40.06	-13.94	54	29.1	34.53	11.49	35.06	243	346	A	H
		5070.72	51.36	-22.64	74	41.15	34.07	11.18	35.04	111	27	P	V
		5140.14	40.98	-13.02	54	30.44	34.3	11.29	35.05	111	27	A	V
	*	5220	111.12	-	-	100.5	34.33	11.34	35.05	111	27	P	V
	*	5220	102.8	-	-	92.18	34.33	11.34	35.05	111	27	A	V
		5436.48	51	-23	74	39.83	34.67	11.56	35.06	111	27	P	V
		5357.52	40.51	-13.49	54	29.67	34.4	11.49	35.05	111	27	A	V

802.11a CH 48 5240MHz		5136.24	51.85	-22.15	74	41.46	34.2	11.24	35.05	229	346	P	H
		5142.48	41	-13	54	30.46	34.3	11.29	35.05	229	346	A	H
	*	5240	111.82	-	-	101.12	34.37	11.38	35.05	229	346	P	H
	*	5240	103.71	-	-	93.01	34.37	11.38	35.05	229	346	A	H
		5367.32	50.81	-23.19	74	39.9	34.47	11.49	35.05	229	346	P	H
		5367.32	40.21	-13.79	54	29.3	34.47	11.49	35.05	229	346	A	H
		5112.32	50.36	-23.64	74	40.06	34.1	11.24	35.04	145	25	P	V
		5149.76	40.63	-13.37	54	30.09	34.3	11.29	35.05	145	25	A	V
	*	5240	112.15	-	-	101.45	34.37	11.38	35.05	145	25	P	V
	*	5240	103.81	-	-	93.11	34.37	11.38	35.05	145	25	A	V
		5350.52	51.19	-22.81	74	40.35	34.4	11.49	35.05	145	25	P	V
		5352.48	41.03	-12.97	54	30.19	34.4	11.49	35.05	145	25	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. 0	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	59.89	-8.31	68.2	64.47	37.33	17.42	59.33	100	0	P	H
		15540	53.93	-20.07	74	49.93	40.27	20.32	56.59	202	130	P	H
		15540	44.26	-9.74	54	40.26	40.27	20.32	56.59	202	130	A	H
		10360	59.32	-8.88	68.2	63.9	37.33	17.42	59.33	100	0	P	V
		15540	57.41	-16.59	74	53.41	40.27	20.32	56.59	200	110	P	V
		15540	47.08	-6.92	54	43.08	40.27	20.32	56.59	200	110	A	V
802.11a CH 44 5220MHz		10440	54.8	-13.4	68.2	59.57	37.4	17.1	59.27	100	0	P	H
		15660	49.88	-24.12	74	45.58	40.3	20.57	56.57	100	0	P	H
		10440	54.08	-14.12	68.2	58.85	37.4	17.1	59.27	100	0	P	V
		15660	49.68	-24.32	74	45.38	40.3	20.57	56.57	100	0	P	V
802.11a CH 48 5240MHz		10480	51.04	-17.16	68.2	55.4	37.4	17.46	59.22	100	0	P	H
		15720	49.87	-24.13	74	45.58	40.43	20.42	56.56	100	0	P	H
		10480	53.66	-14.54	68.2	58.02	37.4	17.46	59.22	100	0	P	V
		15720	49.59	-24.41	74	45.3	40.43	20.42	56.56	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0	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)
		5146.9	60.03	-13.97	74	49.75	34.3	11.03	35.05	233	348	P	H
		5150	49.88	-4.12	54	39.6	34.3	11.03	35.05	233	348	A	H
802.11n	*	5180	109.92	-	-	99.38	34.3	11.29	35.05	233	348	P	H
HT20	*	5180	102.44	-	-	91.9	34.3	11.29	35.05	233	348	A	H
CH 36		5149.24	62.06	-11.94	74	51.78	34.3	11.03	35.05	100	52	P	V
5180MHz		5150	49.96	-4.04	54	39.68	34.3	11.03	35.05	100	52	A	V
	*	5180	109.87	-	-	99.33	34.3	11.29	35.05	100	52	P	V
	*	5180	101.74	-	-	91.2	34.3	11.29	35.05	100	52	A	V
		5141.7	50.92	-23.08	74	40.38	34.3	11.29	35.05	243	346	P	H
		5149.5	41.03	-12.97	54	30.49	34.3	11.29	35.05	243	346	A	H
	*	5220	110.87	-	-	100.25	34.33	11.34	35.05	243	346	P	H
	*	5220	102.62	-	-	92	34.33	11.34	35.05	243	346	A	H
802.11n		5367.04	50.25	-23.75	74	39.34	34.47	11.49	35.05	243	346	P	H
HT20		5378.8	40.08	-13.92	54	29.12	34.53	11.49	35.06	243	346	A	H
CH 44		5021.84	50.56	-23.44	74	40.4	34.07	11.13	35.04	107	26	P	V
5220MHz		5149.76	40.61	-13.39	54	30.07	34.3	11.29	35.05	107	26	A	V
	*	5220	109.78	-	-	99.16	34.33	11.34	35.05	107	26	P	V
	*	5220	500	-	-	489.38	34.33	11.34	35.05	107	26	A	V
		5431.16	50.19	-23.81	74	39.02	34.67	11.56	35.06	107	26	P	V
		5362	40.63	-13.37	54	29.72	34.47	11.49	35.05	107	26	A	V

		5022.1	51.12	-22.88	74	40.96	34.07	11.13	35.04	243	346	P	H
		5128.44	40.95	-13.05	54	30.56	34.2	11.24	35.05	243	346	A	H
	*	5240	110.85	-	-	100.15	34.37	11.38	35.05	243	346	P	H
	*	5240	103.04	-	-	92.34	34.37	11.38	35.05	243	346	A	H
802.11n		5416.88	50.39	-23.61	74	39.29	34.63	11.53	35.06	243	346	P	H
HT20		5368.44	40.21	-13.79	54	29.3	34.47	11.49	35.05	243	346	A	H
CH 48		5136.76	50.66	-23.34	74	40.27	34.2	11.24	35.05	128	24	P	V
5240MHz		5128.44	40.99	-13.01	54	30.6	34.2	11.24	35.05	128	24	A	V
	*	5240	110.91	-	-	100.21	34.37	11.38	35.05	128	24	P	V
	*	5240	103.01	-	-	92.31	34.37	11.38	35.05	128	24	A	V
		5393.64	51.19	-22.81	74	40.19	34.53	11.53	35.06	128	24	P	V
		5351.64	41.39	-12.61	54	30.55	34.4	11.49	35.05	128	24	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. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	56.32	-11.88	68.2	60.9	37.33	17.42	59.33	100	0	P	H
		15540	49.52	-24.48	74	45.52	40.27	20.32	56.59	100	0	P	H
		10360	53.55	-14.65	68.2	58.13	37.33	17.42	59.33	100	0	P	V
		15540	55.08	-18.92	74	51.08	40.27	20.32	56.59	200	113	P	V
		15540	43.45	-10.55	54	39.45	40.27	20.32	56.59	200	113	A	V
802.11n HT20 CH 44 5220MHz		10440	50.63	-17.57	68.2	55.05	37.4	17.45	59.27	100	0	P	H
		15660	49.98	-24.02	74	45.86	40.3	20.39	56.57	100	0	P	H
		10440	52.58	-15.62	68.2	57	37.4	17.45	59.27	100	0	P	V
		15660	51.65	-22.35	74	47.53	40.3	20.39	56.57	207	110	P	V
		15660	43.64	-10.36	54	39.52	40.3	20.39	56.57	207	110	A	V
802.11n HT20 CH 48 5240MHz		10480	46.22	-21.98	68.2	50.58	37.4	17.46	59.22	100	0	P	H
		15720	48.95	-25.05	74	44.66	40.43	20.42	56.56	100	0	P	H
		10480	46.58	-21.62	68.2	50.94	37.4	17.46	59.22	100	0	P	V
		15720	49.73	-24.27	74	45.44	40.43	20.42	56.56	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.76	62.07	-11.93	74	51.79	34.3	11.03	35.05	233	344	P	H
		5150	52.41	-1.59	54	42.13	34.3	11.03	35.05	233	344	A	H
	*	5190	103.81	-	-	93.22	34.3	11.34	35.05	233	344	P	H
	*	5190	95.86	-	-	85.27	34.3	11.34	35.05	233	344	A	H
		5420.8	48.9	-25.1	74	38.13	34.63	11.2	35.06	233	344	P	H
		5354.16	39.4	-14.6	54	28.91	34.4	11.14	35.05	233	344	A	H
		5146.64	62.52	-11.48	74	52.24	34.3	11.03	35.05	100	52	P	V
		5150	52.1	-1.9	54	41.82	34.3	11.03	35.05	100	52	A	V
	*	5190	102.84	-	-	92.25	34.3	11.34	35.05	100	52	P	V
	*	5190	94.81	-	-	84.22	34.3	11.34	35.05	100	52	A	V
		5351.08	48.61	-25.39	74	38.12	34.4	11.14	35.05	100	52	P	V
		5442.08	38.93	-15.07	54	28.12	34.67	11.2	35.06	100	52	A	V
802.11n HT40 CH 46 5230MHz		5147.68	53.84	-20.16	74	43.3	34.3	11.29	35.05	229	347	P	H
		5150	43.82	-10.18	54	33.28	34.3	11.29	35.05	229	347	A	H
	*	5230	108.06	-	-	97.36	34.37	11.38	35.05	229	347	P	H
	*	5230	99.65	-	-	88.95	34.37	11.38	35.05	229	347	A	H
		5358.36	50.36	-23.64	74	39.52	34.4	11.49	35.05	229	347	P	H
		5379.36	40.25	-13.75	54	29.29	34.53	11.49	35.06	229	347	A	H
		5150	53.87	-20.13	74	43.33	34.3	11.29	35.05	117	24	P	V
		5150	43.34	-10.66	54	32.8	34.3	11.29	35.05	117	24	A	V
	*	5230	107.36	-	-	96.66	34.37	11.38	35.05	117	24	P	V
	*	5230	99.48	-	-	88.78	34.37	11.38	35.05	117	24	A	V
		5417.44	50.86	-23.14	74	39.76	34.63	11.53	35.06	117	24	P	V
		5350.8	41.07	-12.93	54	30.23	34.4	11.49	35.05	117	24	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. 0	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		10380	48.8	-19.4	68.2	53.33	37.37	17.42	59.32	100	0	P	H
HT40		15570	49.48	-24.52	74	45.49	40.23	20.35	56.59	100	0	P	H
CH 38		10380	49.88	-18.32	68.2	54.41	37.37	17.42	59.32	100	0	P	V
5190MHz		15570	48.98	-25.02	74	44.99	40.23	20.35	56.59	100	0	P	V
802.11n		10460	49.19	-19.01	68.2	53.59	37.4	17.45	59.25	100	0	P	H
HT40		15690	49.95	-24.05	74	45.74	40.37	20.4	56.56	100	0	P	H
CH 46		10460	50.05	-18.15	68.2	54.45	37.4	17.45	59.25	100	0	P	V
5230MHz		15690	49.93	-24.07	74	45.72	40.37	20.4	56.56	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5146.12	62.06	-11.94	74	51.78	34.3	11.03	35.05	244	346	P	H
		5150	51.82	-2.18	54	41.54	34.3	11.03	35.05	244	346	A	H
	*	5210	98.96	-	-	88.34	34.33	11.34	35.05	244	346	P	H
	*	5210	90.96	-	-	80.34	34.33	11.34	35.05	244	346	A	H
		5430.6	48.36	-25.64	74	37.55	34.67	11.2	35.06	244	346	P	H
		5355.28	39.07	-14.93	54	28.58	34.4	11.14	35.05	244	346	A	H
		5139.36	61.63	-12.37	74	51.52	34.2	10.96	35.05	100	49	P	V
		5150	50.92	-3.08	54	40.64	34.3	11.03	35.05	100	49	A	V
	*	5210	98.98	-	-	88.36	34.33	11.34	35.05	100	49	P	V
	*	5210	90.63	-	-	80.01	34.33	11.34	35.05	100	49	A	V
		5397.56	49.1	-24.9	74	38.41	34.6	11.15	35.06	100	49	P	V
		5350.8	39.36	-14.64	54	28.87	34.4	11.14	35.05	100	49	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. 0	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		10420	47.29	-20.91	68.2	51.74	37.4	17.43	59.28	100	0	P	H
VHT80		15630	49.36	-24.64	74	45.27	40.27	20.39	56.57	100	0	P	H
CH 42		10420	46.87	-21.33	68.2	51.32	37.4	17.43	59.28	100	0	P	V
5210MHz		15630	49.48	-24.52	74	45.39	40.27	20.39	56.57	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5113.4	50.7	-23.3	74	40.4	34.1	11.24	35.04	228	9	P	H
		5148.05	41.08	-12.92	54	30.54	34.3	11.29	35.05	228	9	A	H
	*	5260	111.84	-	-	101.11	34.4	11.38	35.05	228	9	P	H
	*	5260	103.87	-	-	93.14	34.4	11.38	35.05	228	9	A	H
		5408.16	51.17	-22.83	74	40.1	34.6	11.53	35.06	228	9	P	H
		5356.08	41.15	-12.85	54	30.31	34.4	11.49	35.05	228	9	A	H
		5093.8	50.3	-23.7	74	40.16	34	11.18	35.04	124	23	P	V
		5148.05	40.65	-13.35	54	30.11	34.3	11.29	35.05	124	23	A	V
	*	5260	111.05	-	-	100.32	34.4	11.38	35.05	124	23	P	V
	*	5260	102.85	-	-	92.12	34.4	11.38	35.05	124	23	A	V
		5409.12	51.78	-22.22	74	40.71	34.6	11.53	35.06	124	23	P	V
		5350.08	41.9	-12.1	54	31.06	34.4	11.49	35.05	124	23	A	V
802.11a CH 60 5300MHz		5081.2	50.33	-23.67	74	40.16	34.03	11.18	35.04	239	9	P	H
		5139.3	40.74	-13.26	54	30.35	34.2	11.24	35.05	239	9	A	H
	*	5300	112.08	-	-	101.31	34.4	11.42	35.05	239	9	P	H
	*	5300	103.94	-	-	93.17	34.4	11.42	35.05	239	9	A	H
		5357.04	51.01	-22.99	74	40.17	34.4	11.49	35.05	239	9	P	H
		5350.08	41.71	-12.29	54	30.87	34.4	11.49	35.05	239	9	A	H
		5059.15	50.06	-23.94	74	39.9	34.07	11.13	35.04	102	24	P	V
		5149.45	40.3	-13.7	54	29.76	34.3	11.29	35.05	102	24	A	V
	*	5300	111.91	-	-	101.14	34.4	11.42	35.05	102	24	P	V
	*	5300	103.95	-	-	93.18	34.4	11.42	35.05	102	24	A	V
		5397.6	52.2	-21.8	74	41.13	34.6	11.53	35.06	102	24	P	V
		5350.08	42.93	-11.07	54	32.09	34.4	11.49	35.05	102	24	A	V

802.11a CH 64 5320MHz	*	5320	111.9	-	-	101.1	34.4	11.45	35.05	222	8	P	H
	*	5320	103.72	-	-	92.92	34.4	11.45	35.05	222	8	A	H
		5350.24	61.13	-12.87	74	50.29	34.4	11.49	35.05	222	8	P	H
		5350.08	49.38	-4.62	54	38.54	34.4	11.49	35.05	222	8	A	H
	*	5320	112.14	-	-	101.34	34.4	11.45	35.05	100	24	P	V
	*	5320	103.74	-	-	92.94	34.4	11.45	35.05	100	24	A	V
		5354.4	59.03	-14.97	74	48.19	34.4	11.49	35.05	100	24	P	V
		5350.08	49.8	-4.2	54	38.96	34.4	11.49	35.05	100	24	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0	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	49.61	-18.59	68.2	53.89	37.42	17.48	59.18	100	0	P	H
		15780	49.9	-24.1	74	45.47	40.53	20.44	56.54	100	0	P	H
		10520	51.85	-16.35	68.2	56.13	37.42	17.48	59.18	100	0	P	V
		15780	49.95	-24.05	74	45.52	40.53	20.44	56.54	100	0	P	V
802.11a CH 60 5300MHz		10600	49.69	-24.31	74	53.74	37.5	17.51	59.06	100	0	P	H
		15900	49.88	-24.12	74	45.19	40.7	20.51	56.52	100	0	P	H
		10600	51.35	-22.65	74	55.4	37.5	17.51	59.06	100	0	P	V
		15900	49.55	-24.45	74	44.86	40.7	20.51	56.52	100	0	P	V
802.11a CH 64 5320MHz		10640	47.94	-26.06	74	51.89	37.53	17.53	59.01	100	0	P	H
		15960	49.45	-24.55	74	44.71	40.7	20.55	56.51	100	0	P	H
		10640	47.95	-26.05	74	51.9	37.53	17.53	59.01	100	0	P	V
		15960	49.91	-24.09	74	45.17	40.7	20.55	56.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0	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)
		5110.6	51.05	-22.95	74	40.75	34.1	11.24	35.04	227	8	P	H
		5148.75	41.39	-12.61	54	30.85	34.3	11.29	35.05	227	8	A	H
	*	5260	111.49	-	-	100.76	34.4	11.38	35.05	227	8	P	H
	*	5260	103.4	-	-	92.67	34.4	11.38	35.05	227	8	A	H
802.11n		5408.88	51.08	-22.92	74	40.01	34.6	11.53	35.06	227	8	P	H
HT20		5351.28	40.99	-13.01	54	30.15	34.4	11.49	35.05	227	8	A	H
CH 52		5005.6	51.01	-22.99	74	40.94	34.03	11.08	35.04	114	24	P	V
5260MHz		5148.4	41.06	-12.94	54	30.52	34.3	11.29	35.05	114	24	A	V
	*	5260	110.32	-	-	99.59	34.4	11.38	35.05	114	24	P	V
	*	5260	102.32	-	-	91.59	34.4	11.38	35.05	114	24	A	V
		5359.68	52.65	-21.35	74	41.81	34.4	11.49	35.05	114	24	P	V
		5371.68	41.98	-12.02	54	31.07	34.47	11.49	35.05	114	24	A	V
		5138.25	50.88	-23.12	74	40.49	34.2	11.24	35.05	239	8	P	H
		5139.65	40.82	-13.18	54	30.33	34.3	11.24	35.05	239	8	A	H
	*	5300	111.18	-	-	100.41	34.4	11.42	35.05	239	8	P	H
	*	5300	103.23	-	-	92.46	34.4	11.42	35.05	239	8	A	H
802.11n		5380.08	50.88	-23.12	74	39.88	34.53	11.53	35.06	239	8	P	H
HT20		5350.32	41.81	-12.19	54	30.97	34.4	11.49	35.05	239	8	A	H
CH 60		5073.15	50.19	-23.81	74	40.02	34.03	11.18	35.04	103	24	P	V
5300MHz		5149.45	40.33	-13.67	54	29.79	34.3	11.29	35.05	103	24	A	V
	*	5300	111.28	-	-	100.51	34.4	11.42	35.05	103	24	P	V
	*	5300	103.23	-	-	92.46	34.4	11.42	35.05	103	24	A	V
		5368.56	53.03	-20.97	74	42.12	34.47	11.49	35.05	103	24	P	V
		5351.28	42.83	-11.17	54	31.99	34.4	11.49	35.05	103	24	A	V

802.11n HT20 CH 64 5320MHz	*	5320	109.04	-	-	98.24	34.4	11.45	35.05	234	344	P	H
	*	5320	101.32	-	-	90.52	34.4	11.45	35.05	234	344	A	H
		5352.8	58.04	-15.96	74	47.55	34.4	11.14	35.05	234	344	P	H
		5350.08	47.47	-6.53	54	36.98	34.4	11.14	35.05	234	344	A	H
	*	5320	110.57	-	-	99.77	34.4	11.45	35.05	101	25	P	V
	*	5320	102.69	-	-	91.89	34.4	11.45	35.05	101	25	A	V
		5352	61.35	-12.65	74	50.86	34.4	11.14	35.05	101	25	P	V
		5350.08	48.55	-5.45	54	38.06	34.4	11.14	35.05	101	25	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	50.98	-17.22	68.2	55.26	37.42	17.48	59.18	100	0	P	H
		15780	49.93	-24.07	74	45.5	40.53	20.44	56.54	100	0	P	H
		10520	49.98	-18.22	68.2	54.26	37.42	17.48	59.18	100	0	P	V
		15780	49.68	-24.32	74	45.25	40.53	20.44	56.54	100	0	P	V
802.11n HT20 CH 60 5300MHz		10600	49.42	-24.58	74	53.67	37.5	17.31	59.06	100	0	P	H
		15900	49.68	-24.32	74	44.82	40.7	20.68	56.52	100	0	P	H
		10600	52.32	-21.68	74	56.57	37.5	17.31	59.06	203	17	P	V
		10600	43	-11	54	47.25	37.5	17.31	59.06	203	17	A	V
		15900	49.8	-24.2	74	44.94	40.7	20.68	56.52	100	0	P	V
802.11n HT20 CH 64 5320MHz		10640	48.76	-25.24	74	52.71	37.53	17.53	59.01	100	0	P	H
		15960	49.82	-24.18	74	45.08	40.7	20.55	56.51	100	0	P	H
		10640	50.18	-23.82	74	54.13	37.53	17.53	59.01	100	231	P	V
		10640	42.57	-11.43	54	46.52	37.53	17.53	59.01	100	231	A	V
		15960	49.92	-24.08	74	45.18	40.7	20.55	56.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0	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)
		5073.85	50.45	-23.55	74	40.28	34.03	11.18	35.04	211	8	P	H
		5138.6	41.04	-12.96	54	30.65	34.2	11.24	35.05	211	8	A	H
	*	5270	108.5	-	-	97.73	34.4	11.42	35.05	211	8	P	H
	*	5270	100.02	-	-	89.25	34.4	11.42	35.05	211	8	A	H
802.11n		5365.44	50.9	-23.1	74	39.99	34.47	11.49	35.05	211	8	P	H
HT40		5350.08	41.94	-12.06	54	31.1	34.4	11.49	35.05	211	8	A	H
CH 54		5137.2	49.99	-24.01	74	39.6	34.2	11.24	35.05	125	25	P	V
5270MHz		5150	40.57	-13.43	54	30.03	34.3	11.29	35.05	125	25	A	V
	*	5270	108.65	-	-	97.88	34.4	11.42	35.05	124	24	P	V
	*	5270	99.12	-	-	88.35	34.4	11.42	35.05	124	24	A	V
		5360.4	52.03	-21.97	74	41.19	34.4	11.49	35.05	125	25	P	V
		5350.08	42.79	-11.21	54	31.95	34.4	11.49	35.05	125	25	A	V
		5114.1	49.11	-24.89	74	39.09	34.1	10.96	35.04	237	345	P	H
		5150	39.96	-14.04	54	29.68	34.3	11.03	35.05	237	345	A	H
	*	5310	104.85	-	-	94.05	34.4	11.45	35.05	237	345	P	H
	*	5310	96.94	-	-	86.14	34.4	11.45	35.05	237	345	A	H
802.11n		5351.04	62.63	-11.37	74	52.14	34.4	11.14	35.05	237	345	P	H
HT40		5350.08	51.38	-2.62	54	40.89	34.4	11.14	35.05	237	345	A	H
CH 62		5039.2	48.91	-25.09	74	39.02	34.1	10.83	35.04	102	25	P	V
5310MHz		5139.65	39.21	-14.79	54	29	34.3	10.96	35.05	102	25	A	V
	*	5310	105.53	-	-	94.73	34.4	11.45	35.05	102	25	P	V
	*	5310	97	-	-	86.2	34.4	11.45	35.05	102	25	A	V
		5350.08	62.97	-11.03	74	52.48	34.4	11.14	35.05	102	25	P	V
		5350.08	52.8	-1.2	54	42.31	34.4	11.14	35.05	102	25	A	V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0	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		10540	47.27	-20.93	68.2	51.51	37.43	16.69	59.15	100	0	P	H
HT40		15810	49.93	-24.07	74	45.41	40.6	19.56	56.54	100	0	P	H
CH 54		10540	48.65	-19.55	68.2	52.89	37.43	16.69	59.15	100	0	P	V
5270MHz		15810	49.97	-24.03	74	45.45	40.6	19.56	56.54	100	0	P	V
802.11n		10620	48.34	-25.66	74	52.34	37.52	17.51	59.03	100	0	P	H
HT40		15930	49.9	-24.1	74	45.18	40.7	20.53	56.51	100	0	P	H
CH 62		10620	47.93	-26.07	74	51.93	37.52	17.51	59.03	100	0	P	V
5310MHz		15930	49.85	-24.15	74	45.13	40.7	20.53	56.51	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0	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		5131.95	50.14	-23.86	74	40.03	34.2	10.96	35.05	225	344	P	H
		5150	40.96	-13.04	54	30.68	34.3	11.03	35.05	225	344	A	H
	*	5290	100.65	-	-	89.88	34.4	11.42	35.05	225	344	P	H
	*	5290	92.32	-	-	81.55	34.4	11.42	35.05	225	344	A	H
		5355.36	61.78	-12.22	74	51.29	34.4	11.14	35.05	225	344	P	H
		5350.08	50.51	-3.49	54	40.02	34.4	11.14	35.05	225	344	A	H
		5135.1	50.34	-23.66	74	40.23	34.2	10.96	35.05	103	26	P	V
		5149.8	40.38	-13.62	54	30.1	34.3	11.03	35.05	103	26	A	V
	*	5290	101.39	-	-	90.62	34.4	11.42	35.05	103	26	P	V
	*	5290	92.84	-	-	82.07	34.4	11.42	35.05	103	26	A	V
		5353.2	63.92	-10.08	74	53.43	34.4	11.14	35.05	103	26	P	V
		5350.08	52.56	-1.44	54	42.07	34.4	11.14	35.05	103	26	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. 0	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		10580	47.56	-20.64	68.2	51.66	37.48	17.5	59.08	100	0	P	H
VHT80		15870	49.23	-24.77	74	44.56	40.68	20.51	56.52	100	0	P	H
CH 58		10580	47.76	-20.44	68.2	51.86	37.48	17.5	59.08	100	0	P	V
5290MHz		15870	49.22	-24.78	74	44.55	40.68	20.51	56.52	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5458.8	59.37	-14.63	74	48.17	34.7	11.56	35.06	206	0	P	H
		5469.68	63.7	-4.5	68.2	52.4	34.77	11.59	35.06	206	0	P	H
		5460	46.32	-7.68	54	35.12	34.7	11.56	35.06	206	0	A	H
	*	5500	112.11	-	-	100.68	34.9	11.59	35.06	206	0	P	H
	*	5500	103.86	-	-	92.43	34.9	11.59	35.06	206	0	A	H
		5459.76	60.17	-13.83	74	48.97	34.7	11.56	35.06	112	22	P	V
		5469.84	62.97	-5.23	68.2	51.67	34.77	11.59	35.06	112	22	P	V
		5460	48.31	-5.69	54	37.11	34.7	11.56	35.06	112	22	A	V
	*	5500	113.09	-	-	101.66	34.9	11.59	35.06	112	22	P	V
	*	5500	105	-	-	93.57	34.9	11.59	35.06	112	22	A	V
802.11a CH 116 5580MHz		5454.16	51.8	-22.2	74	40.6	34.7	11.56	35.06	199	1	P	H
		5467.84	51.15	-17.05	68.2	39.85	34.77	11.59	35.06	199	1	P	H
		5452.24	41.81	-12.19	54	30.61	34.7	11.56	35.06	199	1	A	H
	*	5580	112.42	-	-	101.12	34.73	11.65	35.08	199	1	P	H
	*	5580	103.86	-	-	92.56	34.73	11.65	35.08	199	1	A	H
		5739.8	51.22	-16.98	68.2	39.69	34.8	11.83	35.1	199	1	P	H
		5427.04	51.55	-22.45	74	40.42	34.63	11.56	35.06	108	23	P	V
		5468.08	53.3	-14.9	68.2	42	34.77	11.59	35.06	108	23	P	V
		5459.68	42.6	-11.4	54	31.4	34.7	11.56	35.06	108	23	A	V
	*	5580	114.64	-	-	103.34	34.73	11.65	35.08	108	23	P	V
	*	5580	106.23	-	-	94.93	34.73	11.65	35.08	108	23	A	V
		5759.96	53.27	-14.93	68.2	41.66	34.83	11.88	35.1	108	23	P	V

802.11a CH 140 5700MHz	*	5700	109.93	-	-	98.34	34.9	11.78	35.09	214	0	P	H
	*	5700	101.96	-	-	90.37	34.9	11.78	35.09	214	0	A	H
		5725	61.71	-6.49	68.2	50.15	34.83	11.83	35.1	214	0	P	H
	*	5700	114.13	-	-	102.54	34.9	11.78	35.09	100	9	P	V
	*	5700	106.01	-	-	94.42	34.9	11.78	35.09	100	9	A	V
		5725.16	66.75	-1.45	68.2	55.19	34.83	11.83	35.1	100	9	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	49.22	-24.78	74	52.11	37.8	17.81	58.5	100	0	P	H
		16500	52.23	-15.97	68.2	45.38	41.9	21.15	56.2	100	0	P	H
		11000	50.98	-23.02	74	53.87	37.8	17.81	58.5	100	57	P	V
		11000	40.78	-13.22	54	43.67	37.8	17.81	58.5	100	57	A	V
		16500	52.14	-16.06	68.2	45.29	41.9	21.15	56.2	100	0	P	V
802.11a CH 116 5580MHz		11160	49.71	-24.29	74	52.18	37.9	17.73	58.1	100	0	P	H
		16740	53.55	-14.65	68.2	45.94	42.32	21.3	56.01	100	0	P	H
		11160	49.68	-24.32	74	52.15	37.9	17.73	58.1	100	0	P	V
		16740	53.13	-15.07	68.2	45.52	42.32	21.3	56.01	100	0	P	V
802.11a CH 140 5700MHz		11400	48.67	-25.33	74	50.48	37.9	17.83	57.54	100	0	P	H
		17100	52.04	-16.16	68.2	44.56	41.6	21.66	55.78	100	0	P	H
		11400	48.44	-25.56	74	50.25	37.9	17.83	57.54	100	0	P	V
		17100	52.25	-15.95	68.2	44.77	41.6	21.66	55.78	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0	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)
		5454.16	56.71	-17.29	74	45.87	34.7	11.2	35.06	400	72	P	H
		5470	59.48	-8.72	68.2	48.52	34.77	11.25	35.06	400	72	P	H
		5460	43.94	-10.06	54	33.1	34.7	11.2	35.06	400	72	A	H
802.11n	*	5500	110.11	-	-	99.02	34.9	11.25	35.06	400	72	P	H
HT20	*	5500	102.37	-	-	91.28	34.9	11.25	35.06	400	72	A	H
CH 100		5455.44	58.34	-15.66	74	47.5	34.7	11.2	35.06	105	22	P	V
5500MHz		5467.6	64.27	-3.93	68.2	53.31	34.77	11.25	35.06	105	22	P	V
		5460	46.99	-7.01	54	36.15	34.7	11.2	35.06	105	22	A	V
	*	5500	111.56	-	-	100.47	34.9	11.25	35.06	105	22	P	V
	*	5500	103.69	-	-	92.6	34.9	11.25	35.06	105	22	A	V
		5454.16	51.57	-22.43	74	40.37	34.7	11.56	35.06	201	1	P	H
		5470	50.8	-17.4	68.2	39.5	34.77	11.59	35.06	201	1	P	H
		5459.92	41.98	-12.02	54	30.78	34.7	11.56	35.06	201	1	A	H
	*	5580	111.59	-	-	100.29	34.73	11.65	35.08	201	1	P	H
802.11n	*	5580	102.95	-	-	91.65	34.73	11.65	35.08	201	1	A	H
HT20		5725.94	52.26	-15.94	68.2	40.7	34.83	11.83	35.1	201	1	P	H
CH 116		5456.08	53.36	-20.64	74	42.16	34.7	11.56	35.06	106	22	P	V
5580MHz		5466.64	52.47	-15.73	68.2	41.17	34.77	11.59	35.06	106	22	P	V
		5459.92	42.8	-11.2	54	31.6	34.7	11.56	35.06	106	22	A	V
	*	5580	113.8	-	-	102.5	34.73	11.65	35.08	106	22	P	V
	*	5580	105.38	-	-	94.08	34.73	11.65	35.08	106	22	A	V
		5759.645	53.16	-15.04	68.2	41.55	34.83	11.88	35.1	106	22	P	V

802.11n HT20 CH 140 5700MHz	*	5700	111.57	-	-	99.98	34.9	11.78	35.09	382	8	P	H
	*	5700	103.68	-	-	92.09	34.9	11.78	35.09	382	8	A	H
		5725	62.96	-5.24	68.2	51.4	34.83	11.83	35.1	382	8	P	H
	*	5700	112.33	-	-	100.74	34.9	11.78	35.09	100	10	P	V
	*	5700	105.81	-	-	94.22	34.9	11.78	35.09	100	10	A	V
		5725.08	65.37	-2.83	68.2	53.81	34.83	11.83	35.1	100	10	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0	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		11000	47.73	-26.27	74	50.76	37.8	17.67	58.5	100	0	P	H
HT20		16500	53.4	-14.8	68.2	46.64	41.9	21.06	56.2	100	0	P	H
CH 100		11000	48.18	-25.82	74	51.21	37.8	17.67	58.5	100	0	P	V
5500MHz		16500	52.55	-15.65	68.2	45.79	41.9	21.06	56.2	100	0	P	V
802.11n		11160	49.06	-24.94	74	51.53	37.9	17.73	58.1	100	0	P	H
HT20		16740	53.14	-15.06	68.2	45.53	42.32	21.3	56.01	100	0	P	H
CH 116		11160	49.55	-24.45	74	52.02	37.9	17.73	58.1	100	0	P	V
5580MHz		16740	53.2	-15	68.2	45.59	42.32	21.3	56.01	100	0	P	V
802.11n		11400	48.14	-25.86	74	49.95	37.9	17.83	57.54	100	0	P	H
HT20		17100	52.44	-15.76	68.2	44.96	41.6	21.66	55.78	100	0	P	H
CH 140		11400	49.28	-24.72	74	51.09	37.9	17.83	57.54	100	0	P	V
5700MHz		17100	52.5	-15.7	68.2	45.02	41.6	21.66	55.78	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.44	55.03	-18.97	74	44.19	34.7	11.2	35.06	400	72	P	H
		5469.76	61.88	-6.32	68.2	50.92	34.77	11.25	35.06	400	72	P	H
		5459.92	45.54	-8.46	54	34.7	34.7	11.2	35.06	400	72	A	H
	*	5510	104.62	-	-	93.48	34.9	11.3	35.06	400	72	P	H
802.11n	*	5510	96.98	-	-	85.84	34.9	11.3	35.06	400	72	A	H
HT40		5759.645	50.64	-17.56	68.2	39.38	34.83	11.53	35.1	400	72	P	H
CH 102		5457.76	59.53	-14.47	74	48.69	34.7	11.2	35.06	100	23	P	V
5510MHz		5467.84	66.96	-1.24	68.2	56	34.77	11.25	35.06	100	23	P	V
		5459.92	48.9	-5.1	54	38.06	34.7	11.2	35.06	100	23	A	V
	*	5510	105.76	-	-	94.62	34.9	11.3	35.06	100	23	P	V
	*	5510	98.21	-	-	87.07	34.9	11.3	35.06	100	23	A	V
		5759.96	52.73	-15.47	68.2	41.47	34.83	11.53	35.1	100	23	P	V
		5435.2	50.9	-23.1	74	39.73	34.67	11.56	35.06	400	4	P	H
		5463.76	52.89	-15.31	68.2	41.59	34.77	11.59	35.06	400	4	P	H
		5455.36	41.68	-12.32	54	30.48	34.7	11.56	35.06	400	4	A	H
	*	5550	107.04	-	-	95.76	34.7	11.65	35.07	400	4	P	H
802.11n	*	5550	99.16	-	-	87.88	34.7	11.65	35.07	400	4	A	H
HT40		5744.84	50.54	-17.66	68.2	38.96	34.8	11.88	35.1	400	4	P	H
CH 110		5458.72	53.14	-20.86	74	41.94	34.7	11.56	35.06	100	10	P	V
5550MHz		5463.28	54.62	-13.58	68.2	43.32	34.77	11.59	35.06	100	10	P	V
		5459.92	42.35	-11.65	54	31.15	34.7	11.56	35.06	100	10	A	V
	*	5550	108.01	-	-	96.73	34.7	11.65	35.07	100	10	P	V
	*	5550	100.03	-	-	88.75	34.7	11.65	35.07	100	10	A	V
		5759.96	53.66	-14.54	68.2	42.05	34.83	11.88	35.1	100	10	P	V

		5425.25	48.33	-25.67	74	37.2	34.63	11.56	35.06	384	3	P	H
		5460.6	47.25	-20.95	68.2	36.02	34.7	11.59	35.06	384	3	P	H
		5411.25	39.1	-14.9	54	28.03	34.6	11.53	35.06	384	3	A	H
	*	5670	106.54	-	-	95.1	34.75	11.78	35.09	384	3	P	H
802.11n	*	5670	98.62	-	-	87.18	34.75	11.78	35.09	384	3	A	H
HT40		5727.725	58.18	-10.02	68.2	46.62	34.83	11.83	35.1	384	3	P	H
CH 134		5407.4	48.73	-25.27	74	37.66	34.6	11.53	35.06	101	11	P	V
5670MHz		5468.3	49.53	-18.67	68.2	38.23	34.77	11.59	35.06	101	11	P	V
		5459.9	39.89	-14.11	54	28.69	34.7	11.56	35.06	101	11	A	V
	*	5670	107.48	-	-	96.04	34.75	11.78	35.09	101	11	P	V
	*	5670	99.9	-	-	88.46	34.75	11.78	35.09	101	11	A	V
		5727.9	60.69	-7.51	68.2	49.13	34.83	11.83	35.1	101	11	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. 0	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		11020	47.08	-26.92	74	50.05	37.82	17.67	58.46	100	0	P	H
HT40		16530	53.56	-14.64	68.2	46.76	41.87	21.1	56.17	100	0	P	H
CH 102		11020	47.15	-26.85	74	50.12	37.82	17.67	58.46	100	0	P	V
5510MHz		16530	52.2	-16	68.2	45.4	41.87	21.1	56.17	100	0	P	V
802.11n		11100	47.02	-26.98	74	49.68	37.9	17.7	58.26	100	0	P	H
HT40		16650	52.79	-15.41	68.2	45.66	42	21.21	56.08	100	0	P	H
CH 110		11100	47.91	-26.09	74	50.57	37.9	17.7	58.26	100	0	P	V
5550MHz		16650	52.75	-15.45	68.2	45.62	42	21.21	56.08	100	0	P	V
802.11n		11340	48.23	-25.77	74	50.24	37.9	17.79	57.7	100	0	P	H
HT40		17010	52.76	-15.44	68.2	45.06	41.93	21.57	55.8	100	0	P	H
CH 134		11340	49.29	-24.71	74	51.3	37.9	17.79	57.7	100	0	P	V
5670MHz		17010	52.39	-15.81	68.2	44.69	41.93	21.57	55.8	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.92	62.7	-11.3	74	51.86	34.7	11.2	35.06	400	72	P	H
		5462.8	64.25	-3.95	68.2	53.29	34.77	11.25	35.06	400	72	P	H
		5459.92	47.27	-6.73	54	36.43	34.7	11.2	35.06	400	72	A	H
	*	5530	100.47	-	-	89.41	34.83	11.3	35.07	400	72	P	H
802.11ac	*	5530	91.96	-	-	80.9	34.83	11.3	35.07	400	72	A	H
VHT80		5759.96	50.9	-17.3	68.2	39.64	34.83	11.53	35.1	400	72	P	H
CH 106		5454.88	63.58	-10.42	74	52.74	34.7	11.2	35.06	100	15	P	V
5530MHz		5464.48	64.66	-3.54	68.2	53.7	34.77	11.25	35.06	100	15	P	V
		5459.92	50.78	-3.22	54	39.94	34.7	11.2	35.06	100	15	A	V
	*	5530	101.61	-	-	90.55	34.83	11.3	35.07	100	15	P	V
	*	5530	93.33	-	-	82.27	34.83	11.3	35.07	100	15	A	V
		5759.96	53.36	-14.84	68.2	42.1	34.83	11.53	35.1	100	15	P	V
		5451.52	54.1	-19.9	74	42.9	34.7	11.56	35.06	398	6	P	H
		5470	55.53	-12.67	68.2	44.23	34.77	11.59	35.06	398	6	P	H
		5459.92	43.65	-10.35	54	32.45	34.7	11.56	35.06	398	6	A	H
	*	5610	105.12	-	-	93.72	34.8	11.68	35.08	398	6	P	H
802.11ac	*	5610	96.9	-	-	85.5	34.8	11.68	35.08	398	6	A	H
VHT80		5737.595	57.13	-11.07	68.2	45.6	34.8	11.83	35.1	398	6	P	H
CH 122		5456.32	53.67	-20.33	74	42.47	34.7	11.56	35.06	100	9	P	V
5610MHz		5469.76	55.3	-12.9	68.2	44	34.77	11.59	35.06	100	9	P	V
		5459.92	44	-10	54	32.8	34.7	11.56	35.06	100	9	A	V
	*	5610	105.81	-	-	94.41	34.8	11.68	35.08	100	9	P	V
	*	5610	97.97	-	-	86.57	34.8	11.68	35.08	100	9	A	V
		5747.99	59.17	-9.03	68.2	47.59	34.8	11.88	35.1	100	9	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. 0	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		11060	47.4	-26.6	74	50.19	37.87	17.68	58.34	100	0	P	H
VHT80		16590	52.33	-15.87	68.2	45.47	41.82	21.17	56.13	100	0	P	H
CH 106		11060	47.15	-26.85	74	49.94	37.87	17.68	58.34	100	0	P	V
5530MHz		16590	53.23	-14.97	68.2	46.37	41.82	21.17	56.13	100	0	P	V
802.11ac		11220	48.33	-25.67	74	50.66	37.9	17.75	57.98	100	0	P	H
VHT80		16830	53.6	-14.6	68.2	45.73	42.4	21.41	55.94	100	0	P	H
CH 122		11220	49.4	-24.6	74	51.73	37.9	17.75	57.98	100	0	P	V
5610MHz		16830	52.96	-15.24	68.2	45.09	42.4	21.41	55.94	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5422.15	49.88	-24.12	74	38.75	34.63	11.56	35.06	264	25	P	H
		5464.66	50.21	-17.99	68.2	38.91	34.77	11.59	35.06	264	25	P	H
		5459.59	40.54	-13.46	54	29.34	34.7	11.56	35.06	264	25	A	H
	*	5720	114.59	-	-	103.03	34.83	11.83	35.1	264	25	P	H
	*	5720	106.43	-	-	94.87	34.83	11.83	35.1	264	25	A	H
		5857.5	52.55	-15.65	68.2	40.82	34.87	11.98	35.12	264	25	P	H
		5446.72	50.22	-23.78	74	39.02	34.7	11.56	35.06	100	9	P	V
		5461.54	50.15	-18.05	68.2	38.92	34.7	11.59	35.06	100	9	P	V
		5459.98	40.92	-13.08	54	29.72	34.7	11.56	35.06	100	9	A	V
	*	5720	116.1	-	-	104.54	34.83	11.83	35.1	100	9	P	V
	*	5720	108.24	-	-	96.68	34.83	11.83	35.1	100	9	A	V
		5856	53.97	-14.23	68.2	42.24	34.87	11.98	35.12	100	9	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.92	-25.08	74	50.57	37.97	17.84	57.46	100	0	P	H
		17160	52.29	-15.91	68.2	44.72	41.6	21.74	55.77	100	0	P	H
		11440	49.38	-24.62	74	51.03	37.97	17.84	57.46	100	0	P	V
		17160	52.43	-15.77	68.2	44.86	41.6	21.74	55.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5459.2	50	-24	74	38.8	34.7	11.56	35.06	382	8	P	H
		5465.83	50.27	-17.93	68.2	38.97	34.77	11.59	35.06	382	8	P	H
		5459.59	40.2	-13.8	54	29	34.7	11.56	35.06	382	8	A	H
	*	5720	112.49	-	-	100.93	34.83	11.83	35.1	382	8	P	H
	*	5720	104.85	-	-	93.29	34.83	11.83	35.1	382	8	A	H
		5863.5	52.32	-15.88	68.2	40.55	34.87	12.02	35.12	382	8	P	H
		5432.29	51.64	-22.36	74	40.47	34.67	11.56	35.06	100	9	P	V
		5465.05	50.26	-17.94	68.2	38.96	34.77	11.59	35.06	100	9	P	V
		5459.98	40.92	-13.08	54	29.72	34.7	11.56	35.06	100	9	A	V
	*	5720	115.82	-	-	104.26	34.83	11.83	35.1	100	9	P	V
	*	5720	107.83	-	-	96.27	34.83	11.83	35.1	100	9	A	V
		5856.5	53.75	-14.45	68.2	42.02	34.87	11.98	35.12	100	9	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 0	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		11440	48.88	-25.12	74	50.53	37.97	17.84	57.46	100	0	P	H
HT20		17160	51.31	-16.89	68.2	43.74	41.6	21.74	55.77	100	0	P	H
CH 144		11440	49.25	-24.75	74	50.9	37.97	17.84	57.46	100	0	P	V
5720MHz		17160	52.05	-16.15	68.2	44.48	41.6	21.74	55.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5456.86	50.4	-23.6	74	39.2	34.7	11.56	35.06	381	6	P	H
		5470	49.77	-18.43	68.2	38.47	34.77	11.59	35.06	381	6	P	H
		5459.98	40.39	-13.61	54	29.19	34.7	11.56	35.06	381	6	A	H
	*	5710	108.26	-	-	96.66	34.87	11.83	35.1	381	6	P	H
	*	5710	100.37	-	-	88.77	34.87	11.83	35.1	381	6	A	H
		5877.25	52.42	-15.78	68.2	40.59	34.93	12.02	35.12	381	6	P	H
		5400.31	50.55	-23.45	74	39.48	34.6	11.53	35.06	100	11	P	V
		5462.32	51.92	-16.28	68.2	40.69	34.7	11.59	35.06	100	11	P	V
		5459.2	41.14	-12.86	54	29.94	34.7	11.56	35.06	100	11	A	V
	*	5710	111.66	-	-	100.06	34.87	11.83	35.1	100	11	P	V
	*	5710	103.67	-	-	92.07	34.87	11.83	35.1	100	11	A	V
		5852.25	53.32	-14.88	68.2	41.66	34.8	11.98	35.12	100	11	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 0	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		11420	48.24	-25.76	74	49.98	37.93	17.83	57.5	100	0	P	H
HT40		17130	52.76	-15.44	68.2	45.23	41.6	21.7	55.77	100	0	P	H
CH 142		11420	49.23	-24.77	74	50.97	37.93	17.83	57.5	100	0	P	V
5710MHz		17130	52.7	-15.5	68.2	45.17	41.6	21.7	55.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 0	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5379.25	49.98	-24.02	74	39.02	34.53	11.49	35.06	386	0	P	H
		5465.44	49.48	-18.72	68.2	38.18	34.77	11.59	35.06	386	0	P	H
		5441.65	40.18	-13.82	54	29.01	34.67	11.56	35.06	386	0	A	H
	*	5690	107.01	-	-	95.42	34.9	11.78	35.09	386	0	P	H
	*	5690	97.25	-	-	85.66	34.9	11.78	35.09	386	0	A	H
		5850	53.68	-14.52	68.2	42.02	34.8	11.98	35.12	386	0	P	H
		5459.59	51.15	-22.85	74	39.95	34.7	11.56	35.06	100	11	P	V
		5464.27	51.5	-16.7	68.2	40.2	34.77	11.59	35.06	100	11	P	V
		5459.59	41.54	-12.46	54	30.34	34.7	11.56	35.06	100	11	A	V
	*	5690	108.3	-	-	96.71	34.9	11.78	35.09	100	11	P	V
	*	5690	98.6	-	-	87.01	34.9	11.78	35.09	100	11	A	V
		5881.25	56.7	-11.5	68.2	44.87	34.93	12.02	35.12	100	11	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 0	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		11380	47.74	-26.26	74	49.61	37.9	17.81	57.58	100	0	P	H
VHT80		17070	52.22	-15.98	68.2	44.63	41.73	21.65	55.79	100	0	P	H
CH 138		11380	48.25	-25.75	74	50.12	37.9	17.81	57.58	100	0	P	V
5690MHz		17070	52.21	-15.99	68.2	44.62	41.73	21.65	55.79	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
0		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		138.81	23.83	-19.67	43.5	34.43	17.42	2.01	30.03	-	-	P	H
		145.83	28.06	-15.44	43.5	38.61	17.23	2.25	30.03	-	-	P	H
		149.61	25.9	-17.6	43.5	36.61	17.06	2.25	30.02	-	-	P	H
		946.1	32.99	-13.01	46	26.36	30.13	5.08	28.58	-	-	P	H
		951	35.52	-10.48	46	28.6	30.39	5.08	28.55	100	0	P	H
		973.4	34.22	-19.78	54	26.69	30.84	5.09	28.4			P	H
		37.56	25.39	-14.61	40	33.82	20.42	1.32	30.17	-	-	P	V
		263.01	24.3	-21.7	46	31.96	19.43	2.86	29.95	-	-	P	V
		930	33.5	-12.5	46	27.7	29.49	5.01	28.7	-	-	P	V
		953.1	34.27	-11.73	46	27.19	30.54	5.08	28.54	-	-	P	V
		966.4	34.51	-19.49	54	26.99	30.88	5.09	28.45	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
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”.

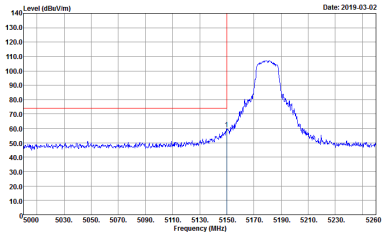
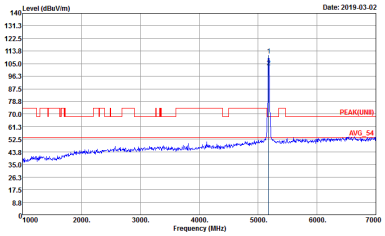
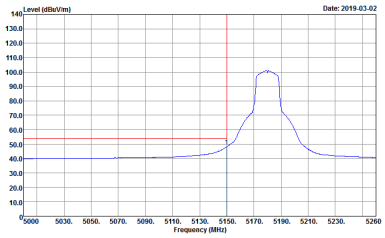
Appendix D. Radiated Spurious Emission

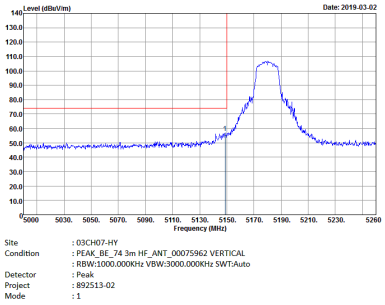
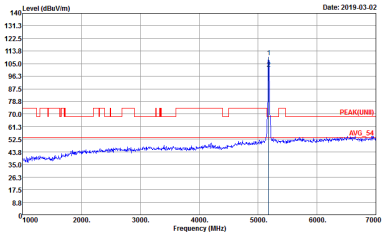
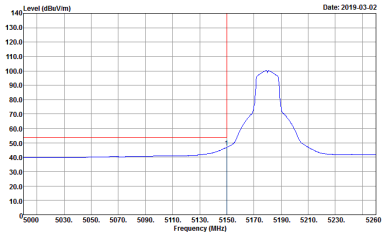
Note symbol

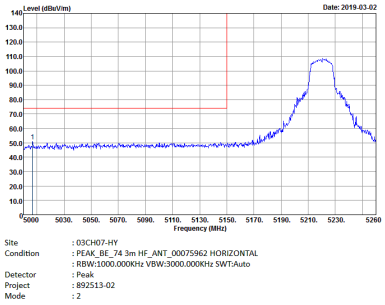
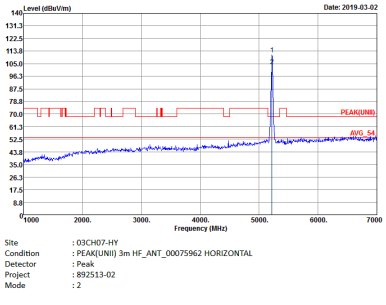
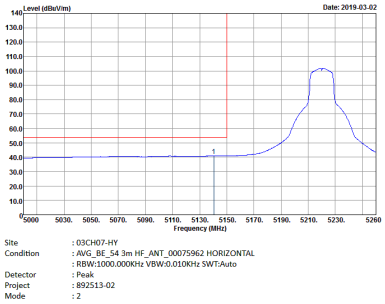
-L	**Low channel location**
-R	**High channel location**

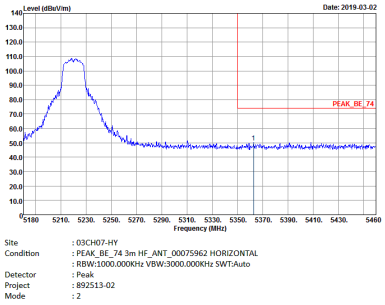
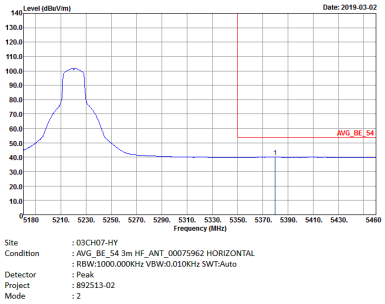
Band 1 - 5150~5250MHz

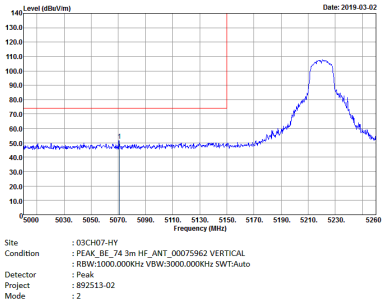
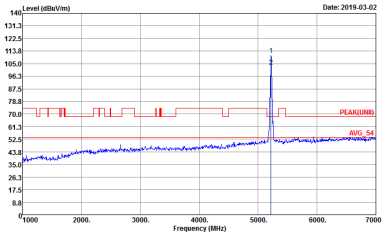
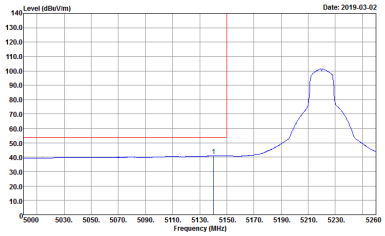
WIFI 802.11a (Band Edge @ 3m)

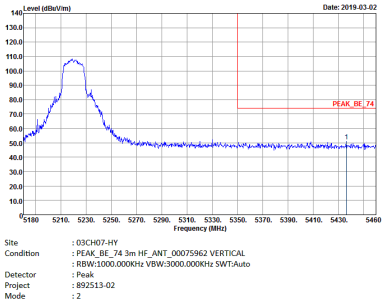
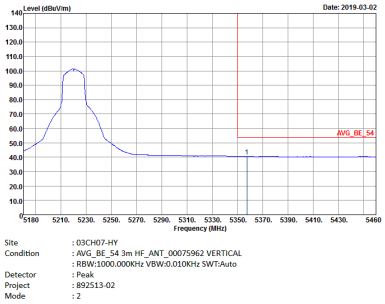
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 1	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 1	Left blank

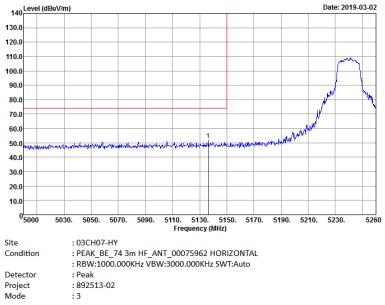
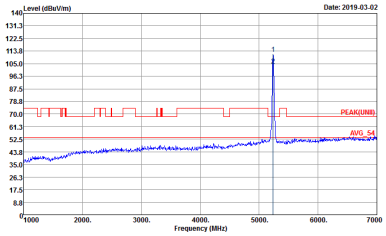
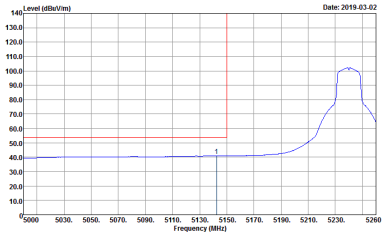
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 1	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 1	Left blank

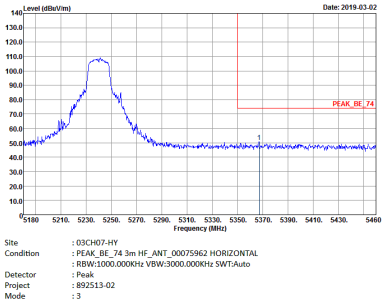
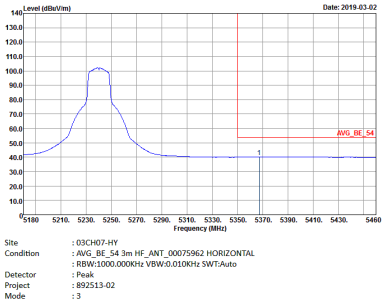
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

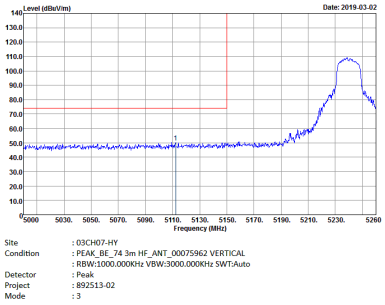
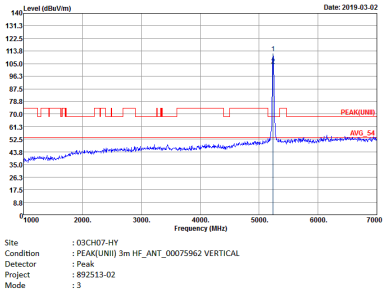
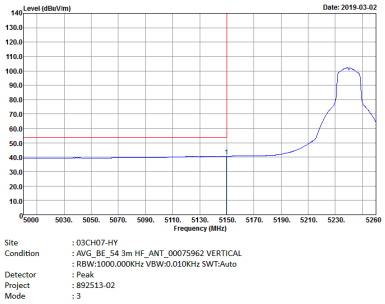
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

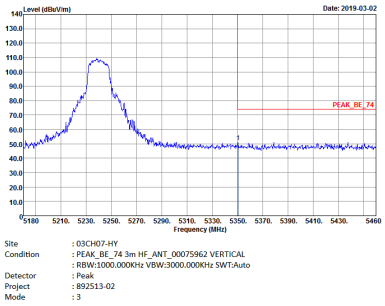
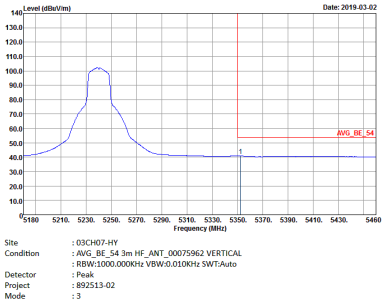
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 2	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 2	Left blank

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

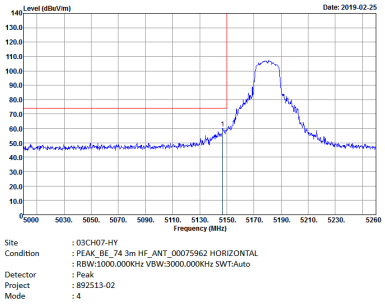
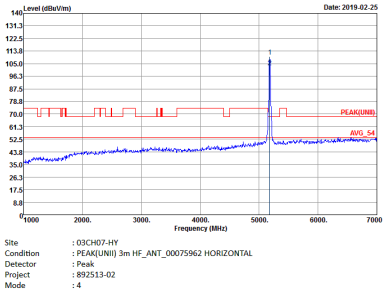
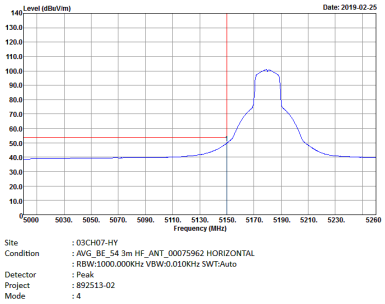
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 3	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 3	Left blank

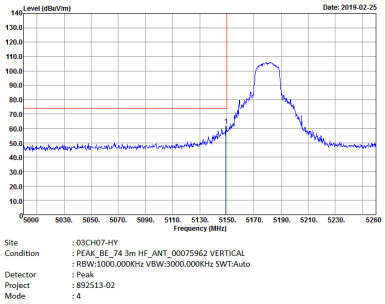
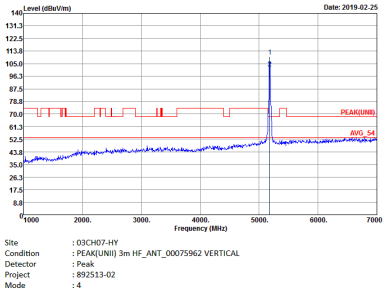
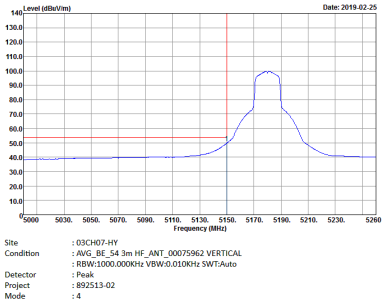
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 3	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 3	Left blank

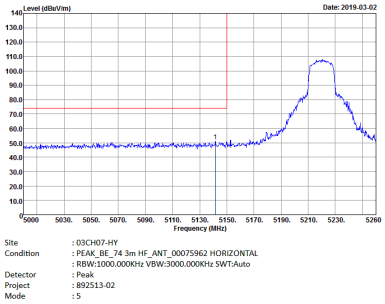
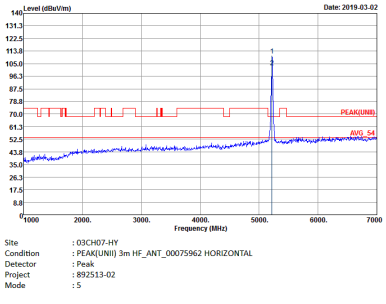
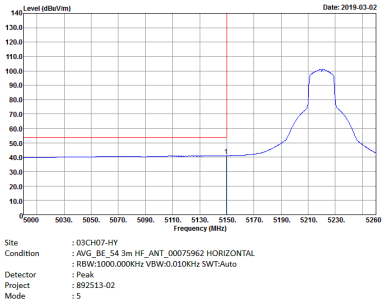
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

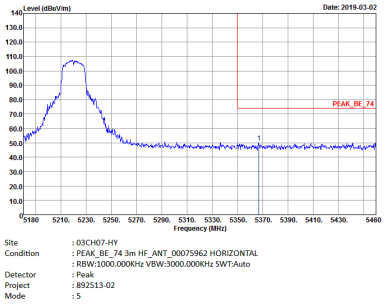
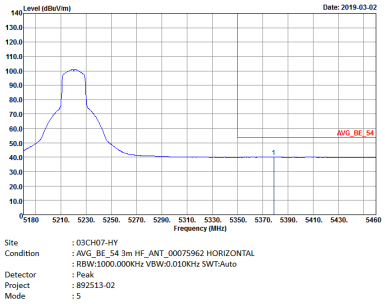
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

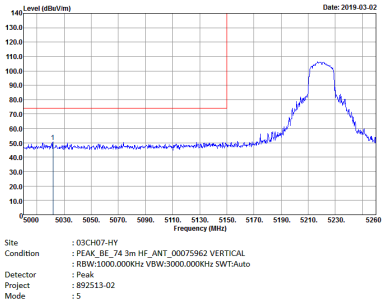
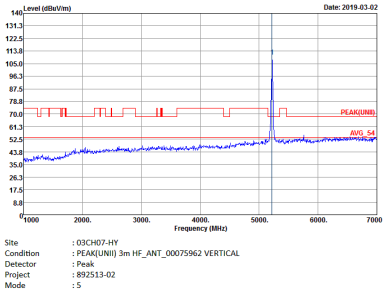
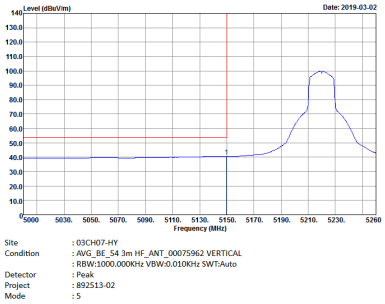
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

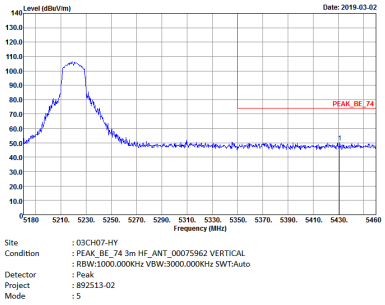
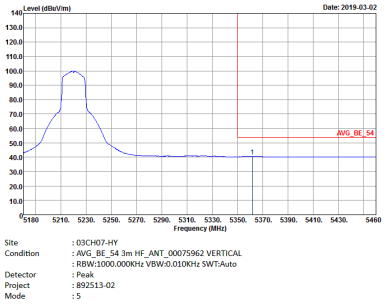
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

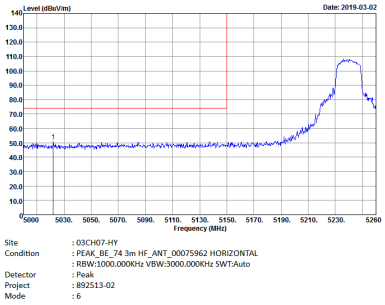
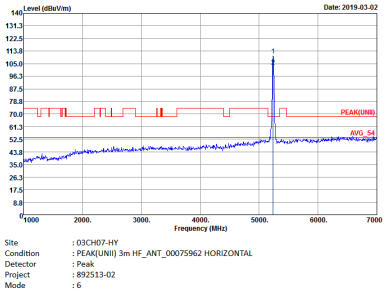
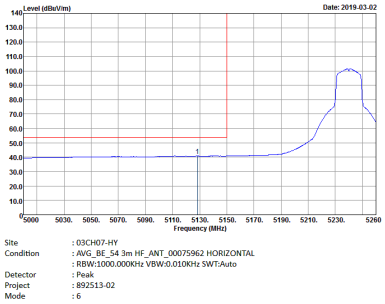
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

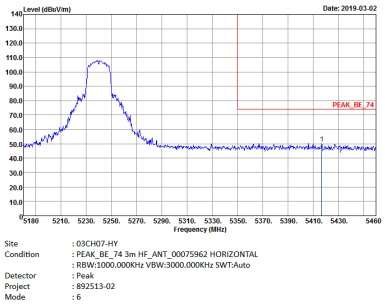
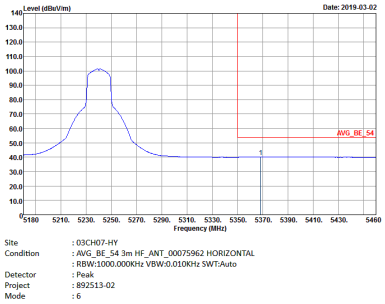
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

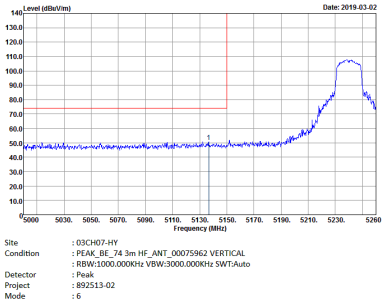
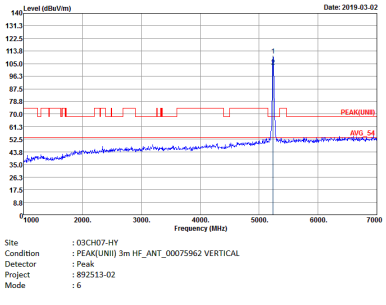
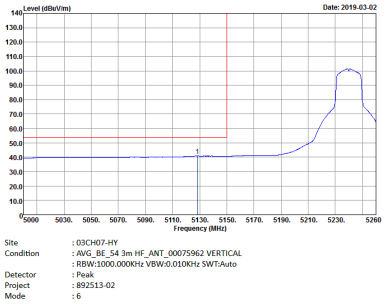
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

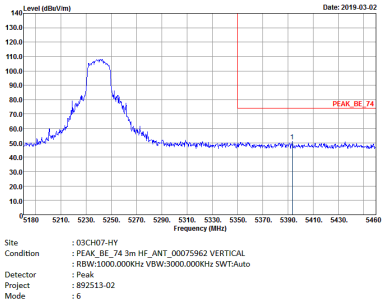
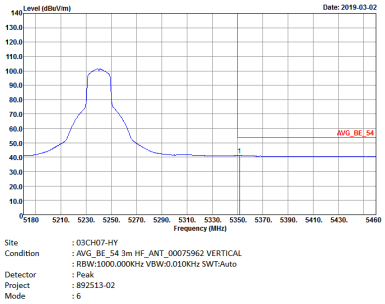
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

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

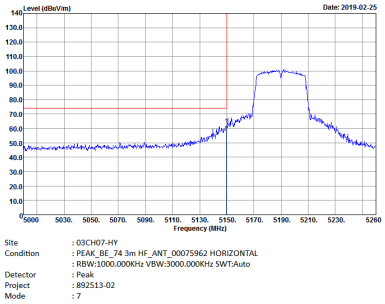
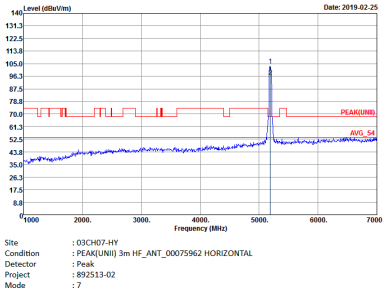
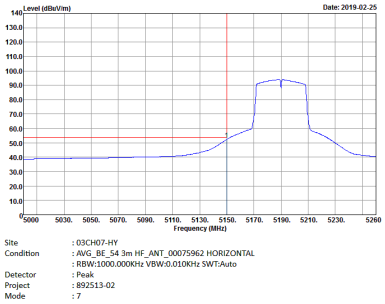
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

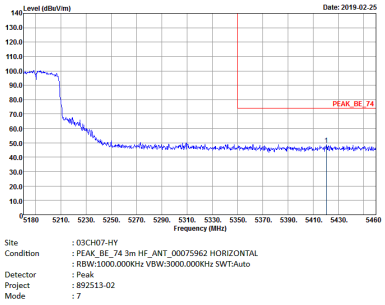
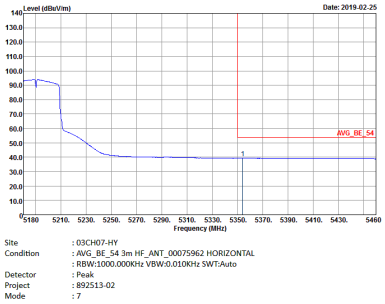
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

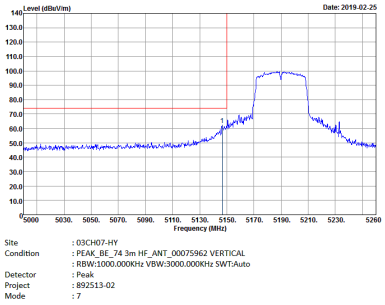
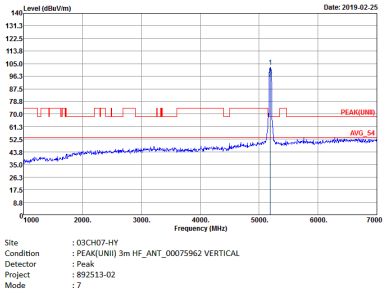
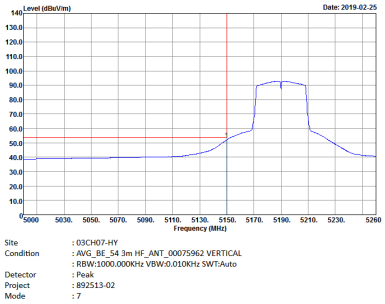
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

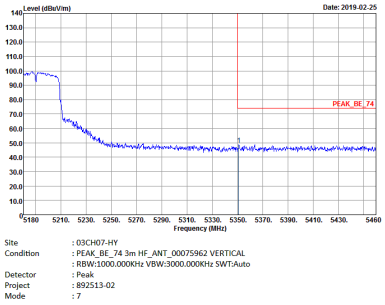
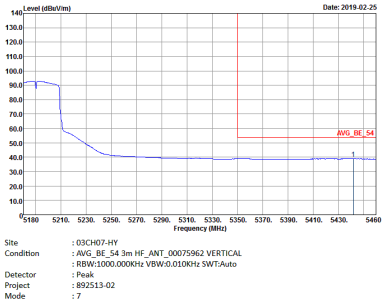
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

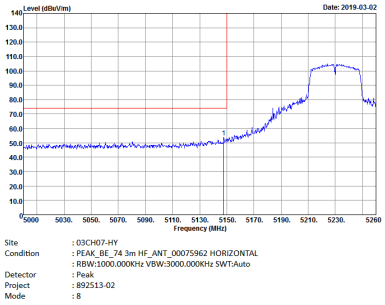
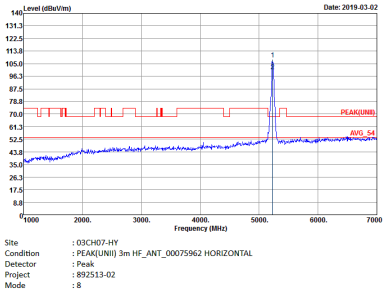
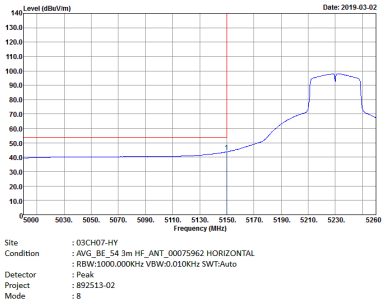
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

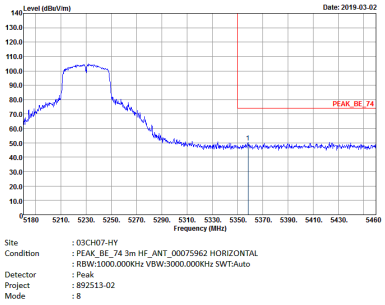
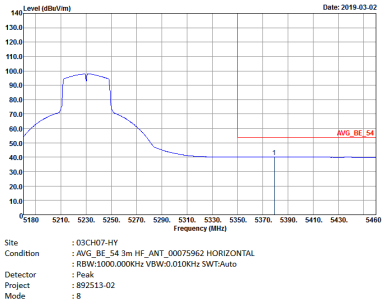
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

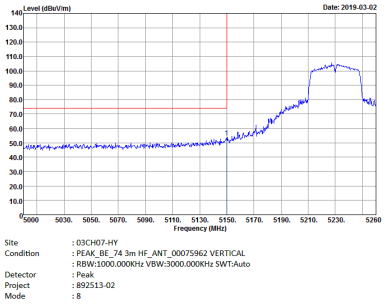
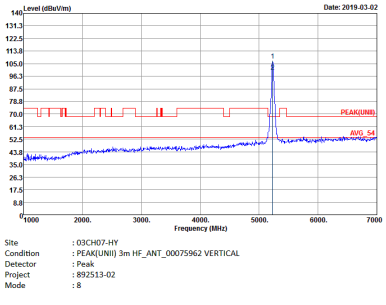
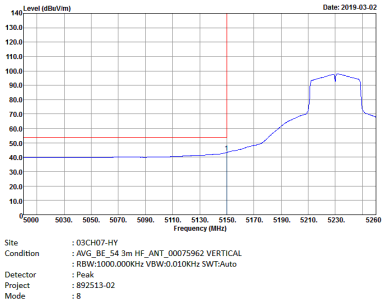
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 7	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 7	Left blank

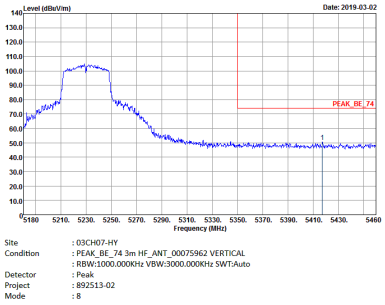
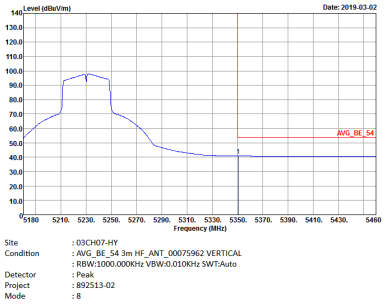
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

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

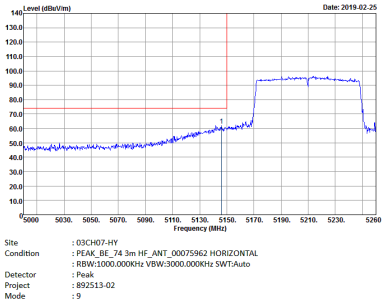
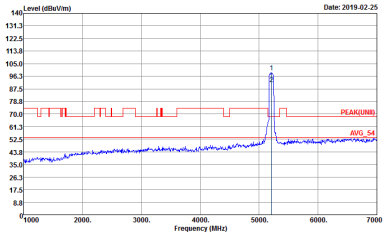
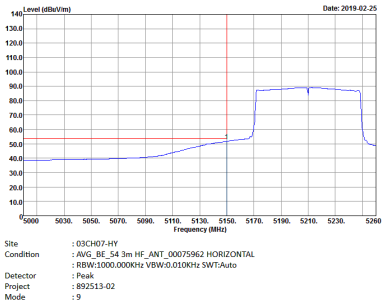
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

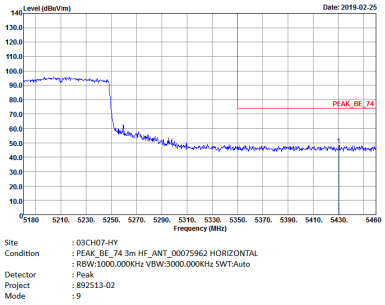
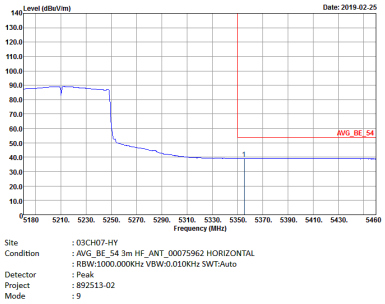
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

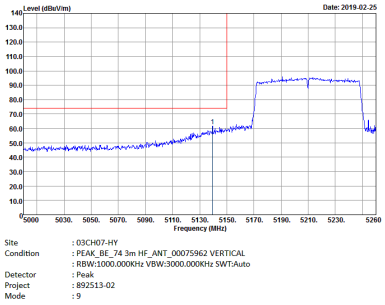
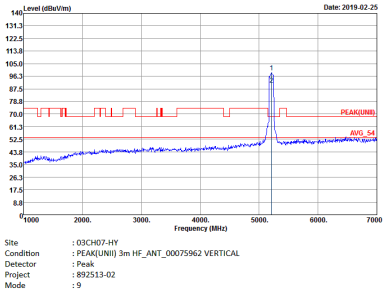
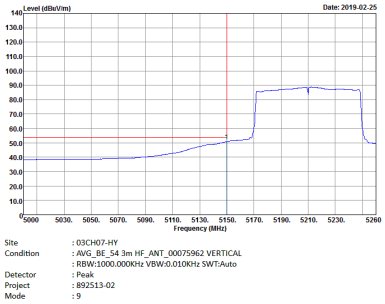
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

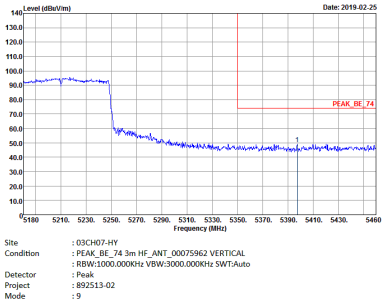
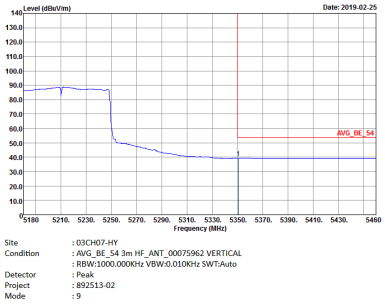
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

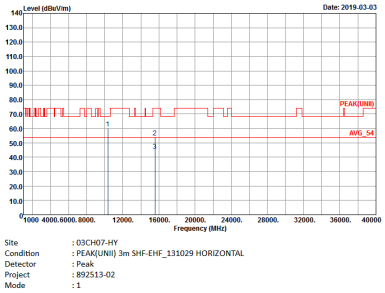
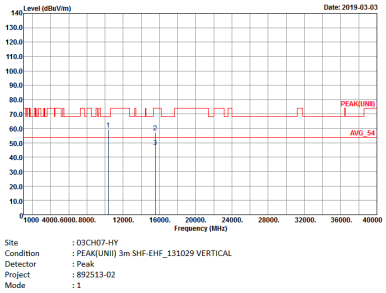
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 9	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 9	Left blank

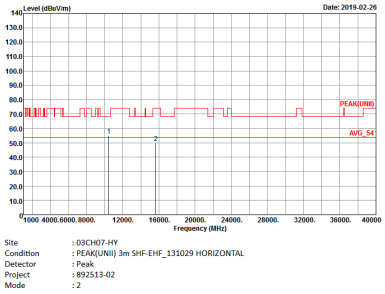
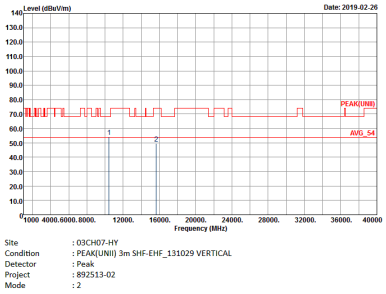
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

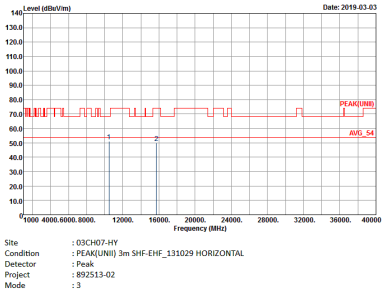
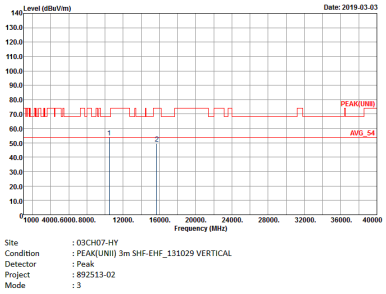
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

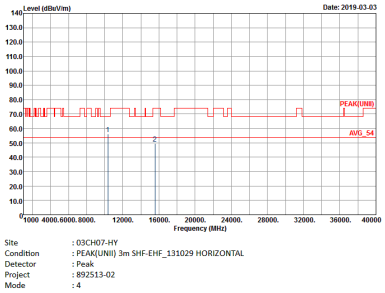
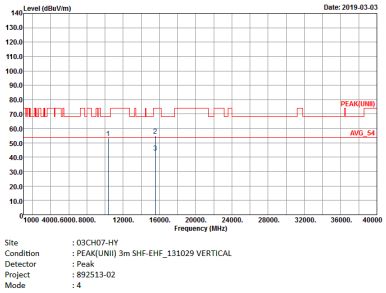
WIFI 802.11a (Harmonic @ 3m)

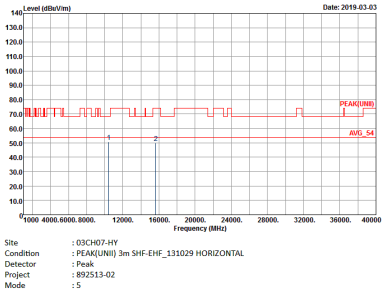
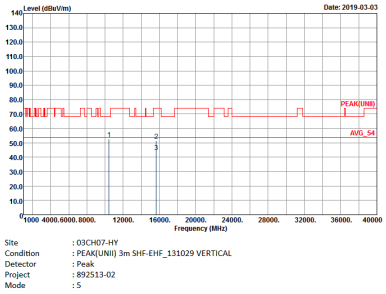
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
0	Horizontal	Vertical
Peak Avg.		

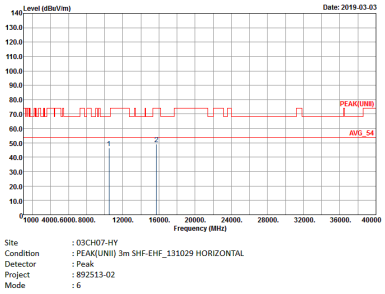
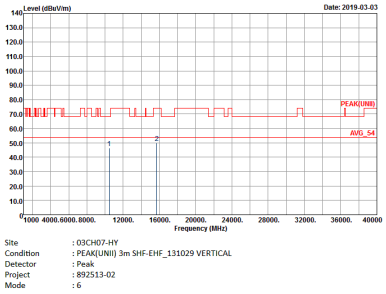
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
0	Horizontal	Vertical
Peak Avg.		

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

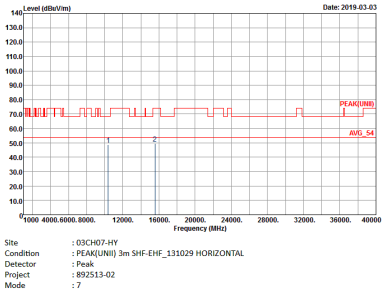
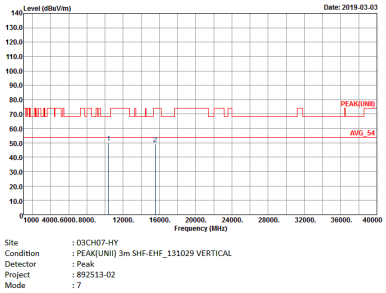
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

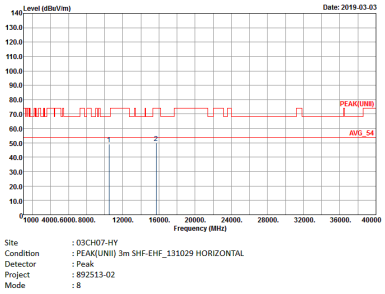
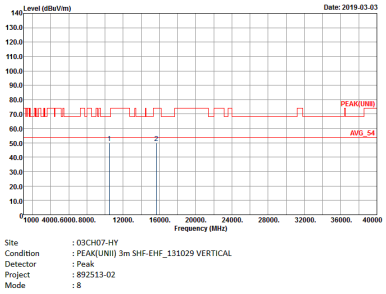
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
0	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
0	Horizontal	Vertical
Peak Avg.		

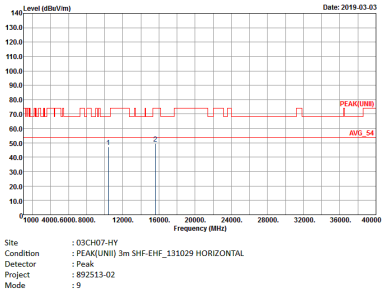
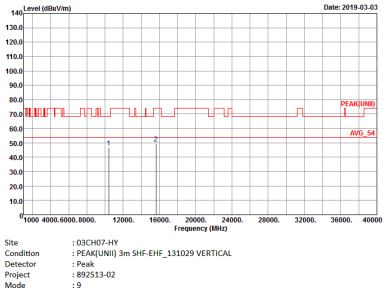
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
0	Horizontal	Vertical
Peak Avg.		

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

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

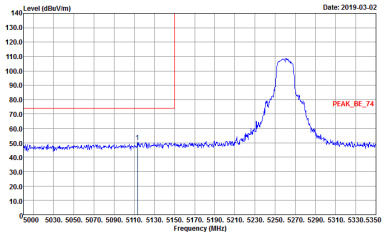
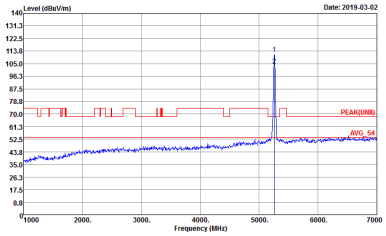
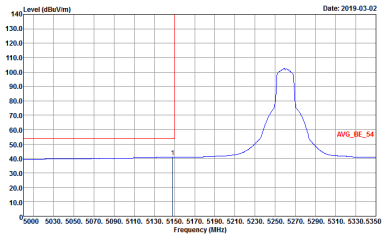
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
0	Horizontal	Vertical
Peak Avg.		

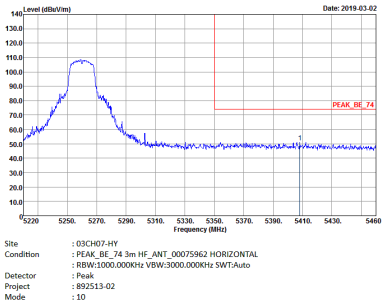
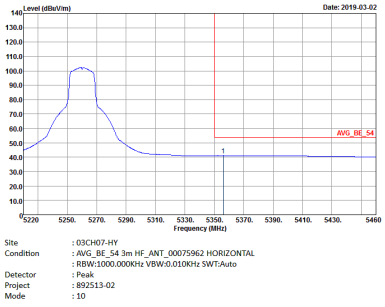
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

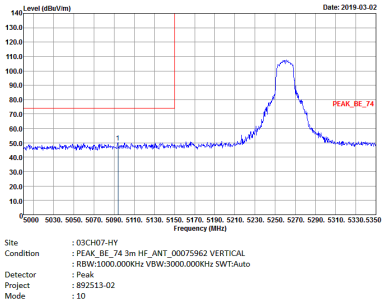
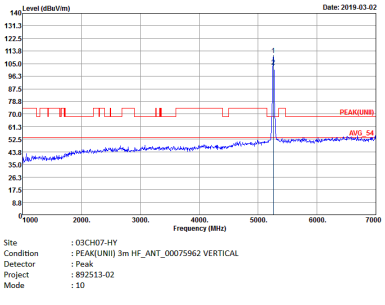
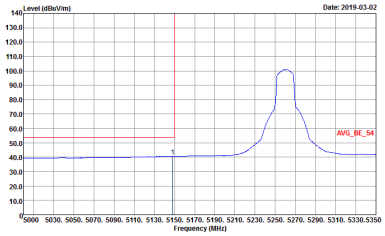
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
0	Horizontal	Vertical
Peak Avg.		

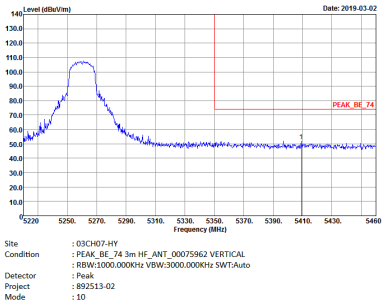
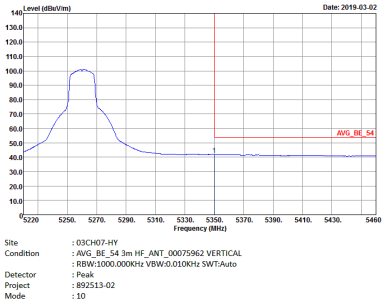
Band 2 - 5250~5350MHz

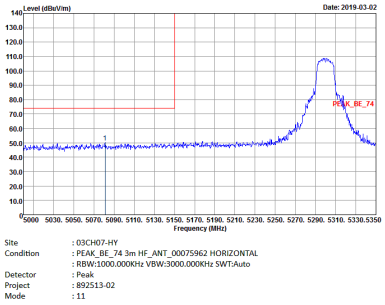
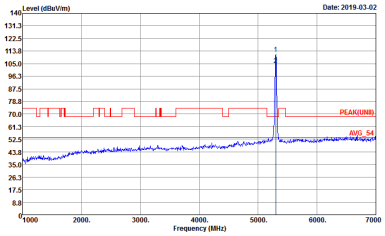
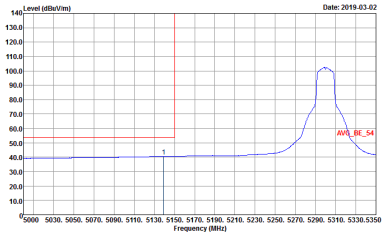
IFI 802.11a (Band Edge @ 3m)

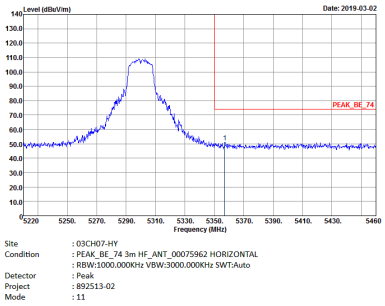
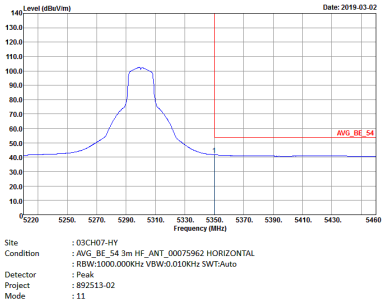
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 10	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 10	Left blank

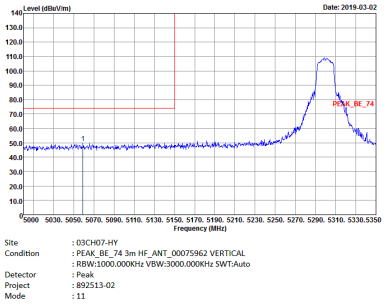
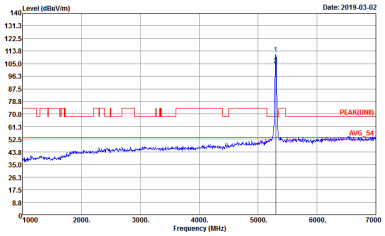
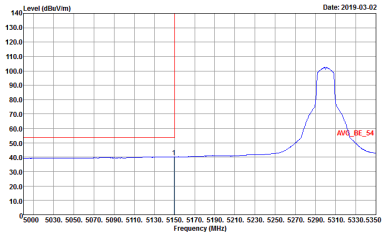
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

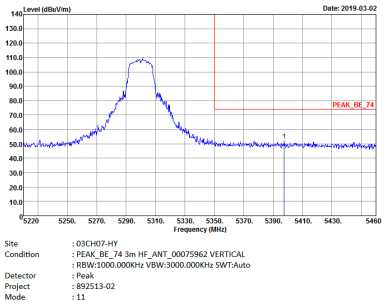
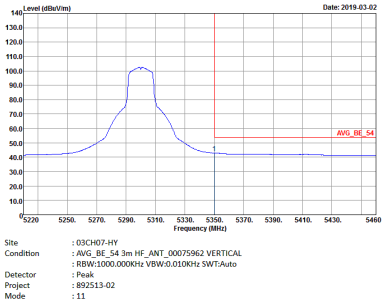
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 10	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 10	Left blank

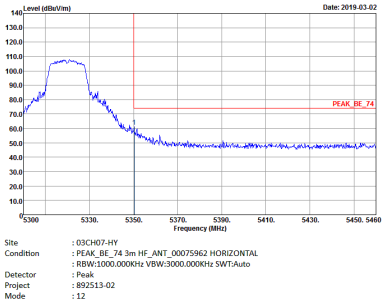
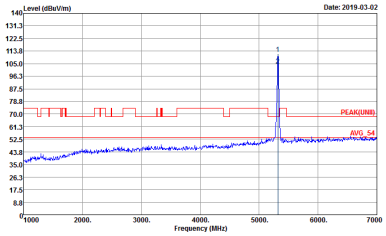
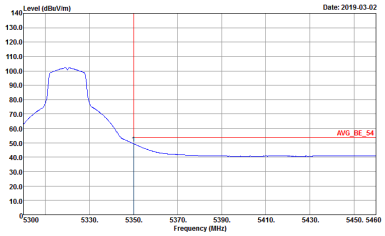
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

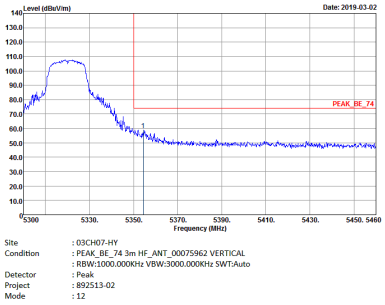
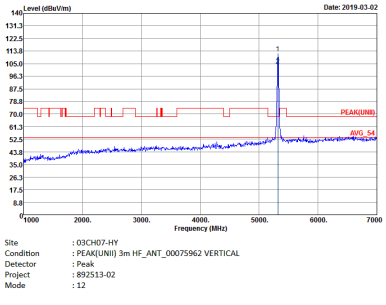
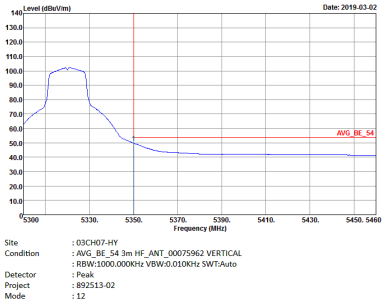
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 11	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 11	Left blank

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

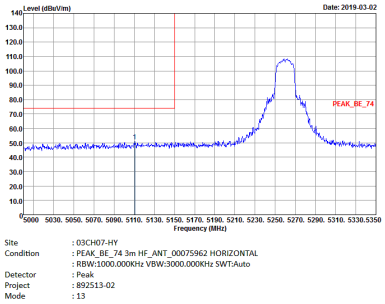
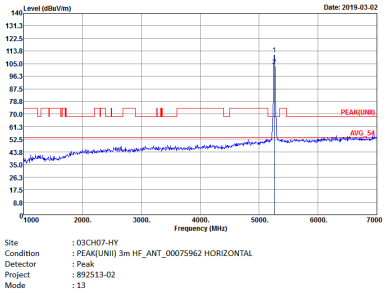
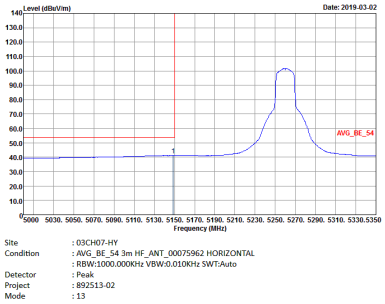
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 11	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 11
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 11	Left blank

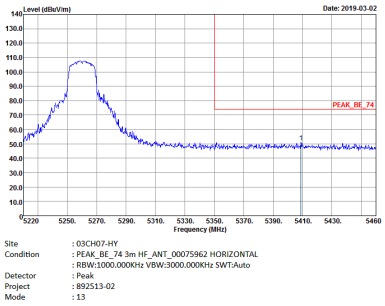
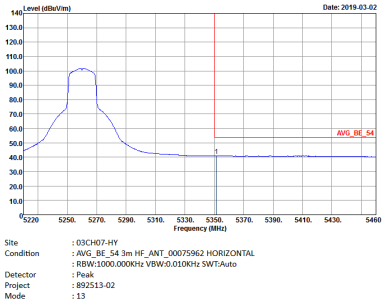
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

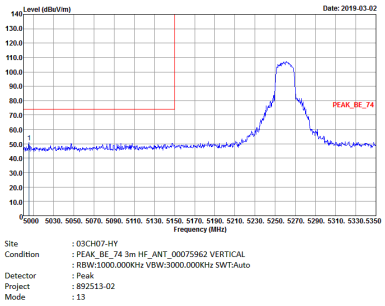
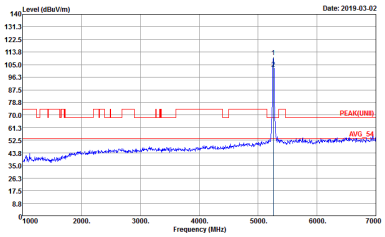
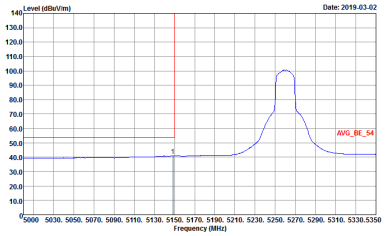
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 12	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 12
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 12	Left blank

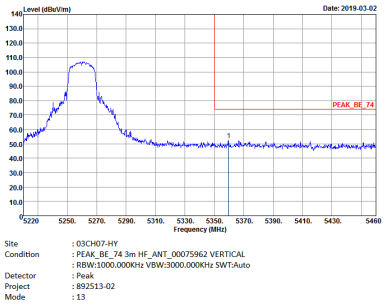
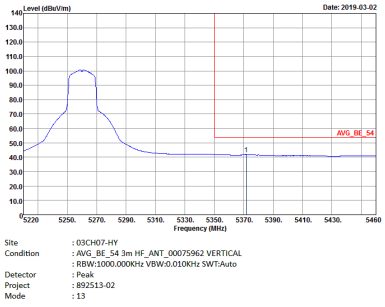
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

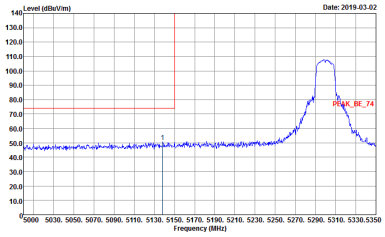
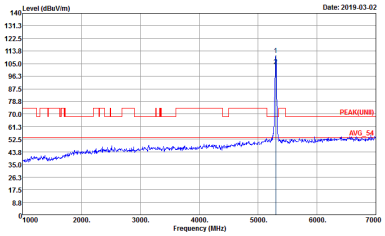
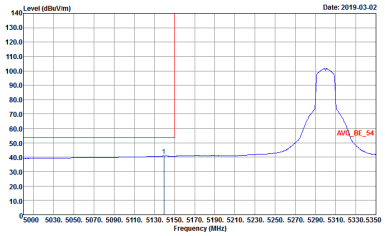
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

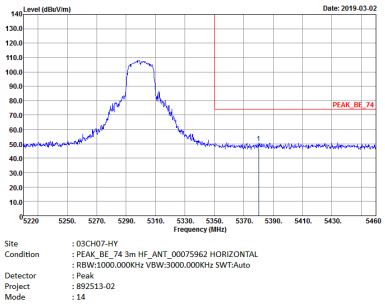
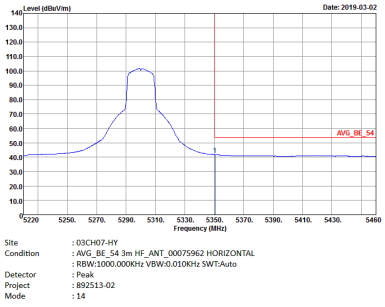
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

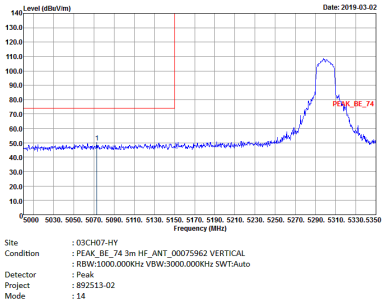
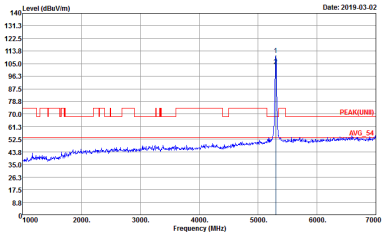
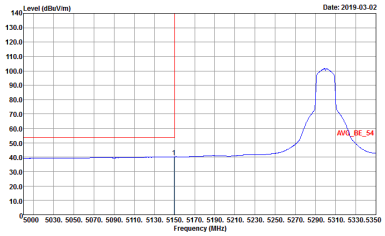
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

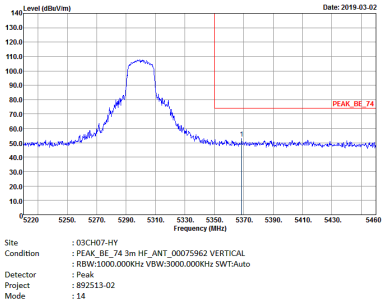
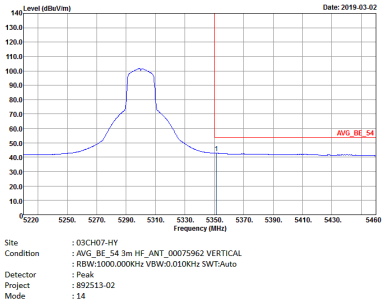
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 13	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 13	Left blank

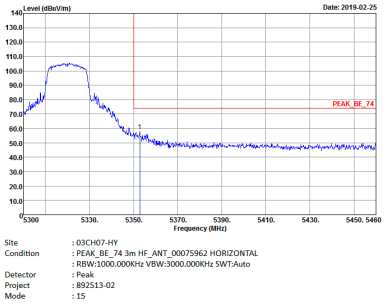
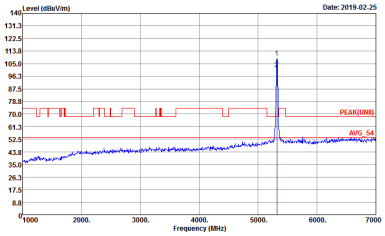
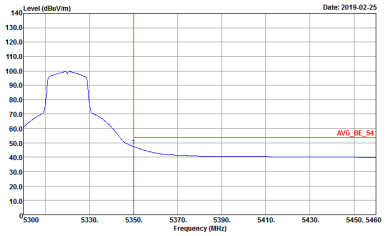
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

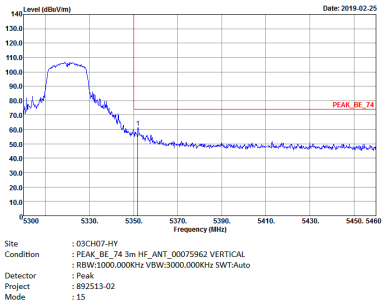
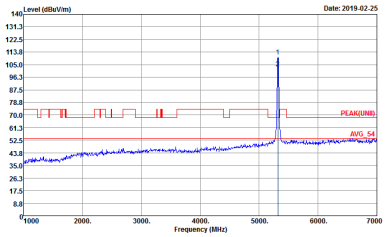
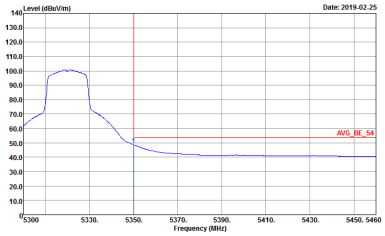
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 14	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 14	Left blank

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

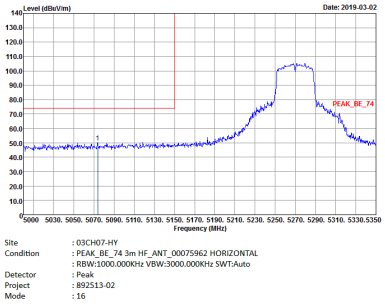
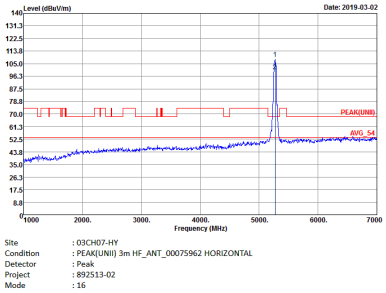
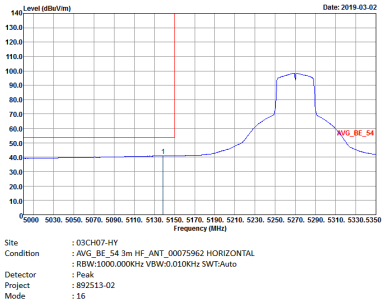
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 14	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 14	Left blank

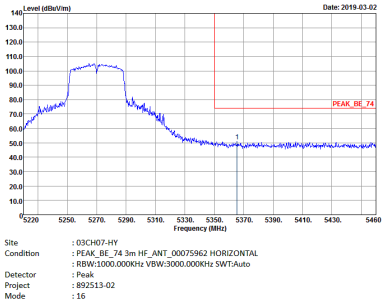
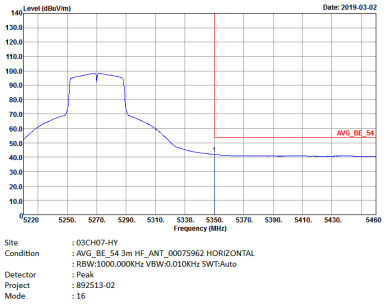
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

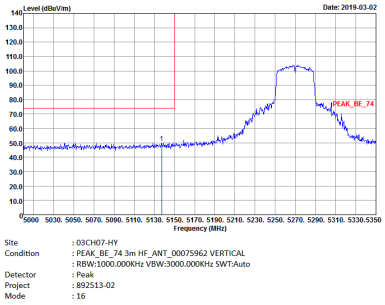
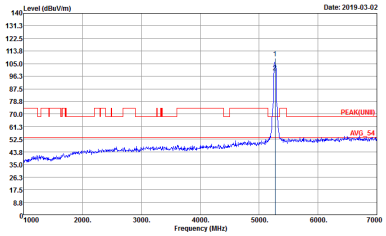
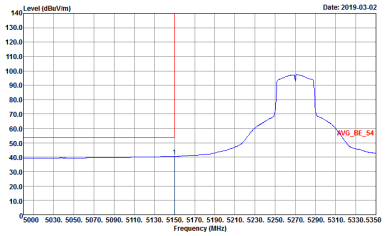
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 15	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 15	Left blank

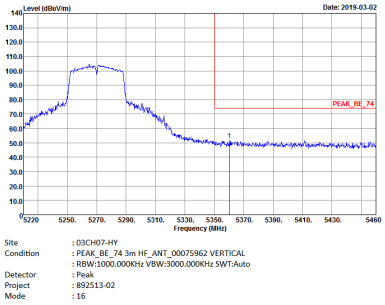
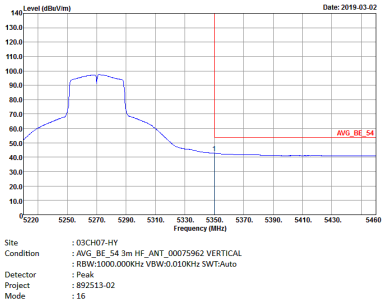
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 15	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 15	Left blank

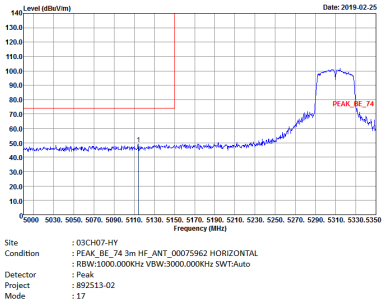
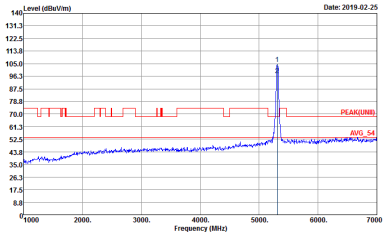
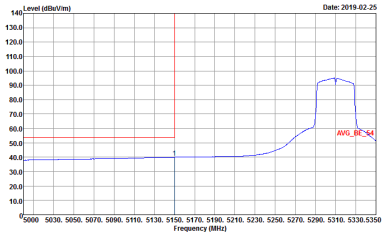
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

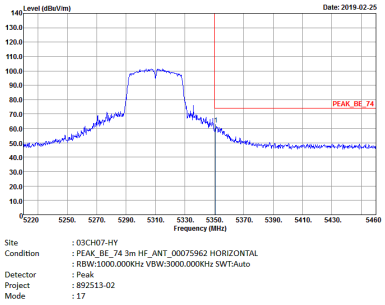
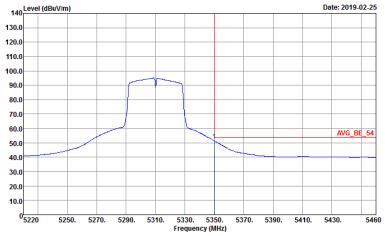
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

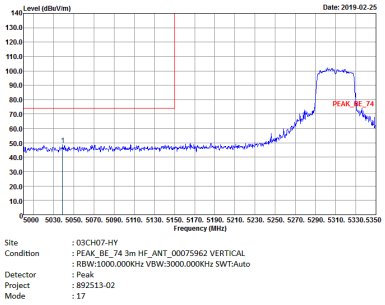
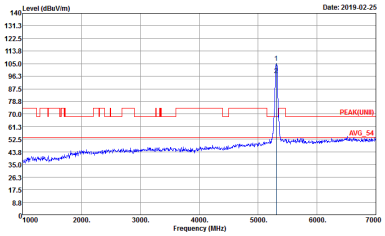
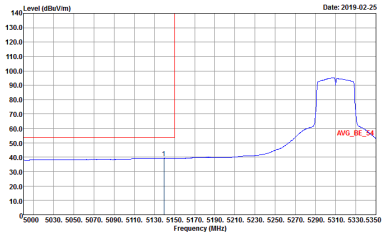
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

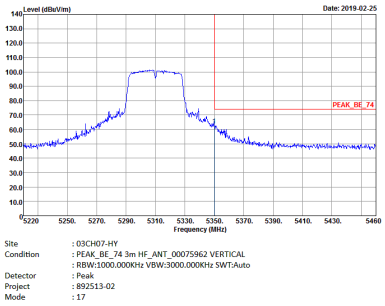
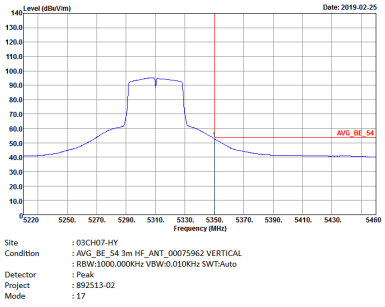
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270MHz - L	
0	Vertical	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 16	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 16
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 16	Left blank

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

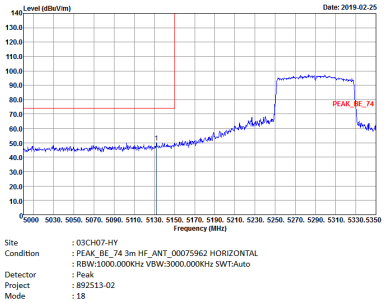
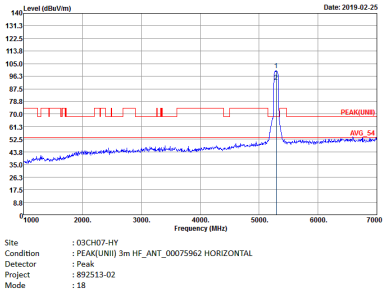
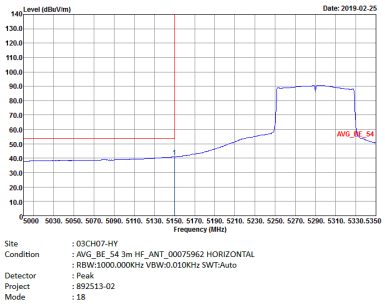
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 17	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 17	Left blank

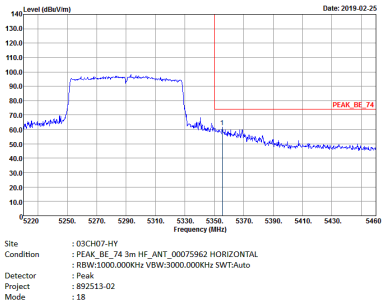
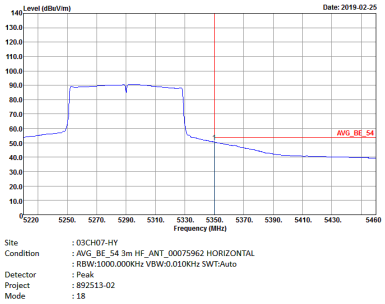
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 17	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 17	Left blank

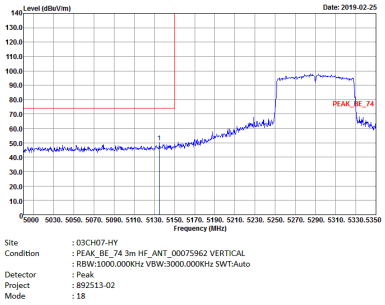
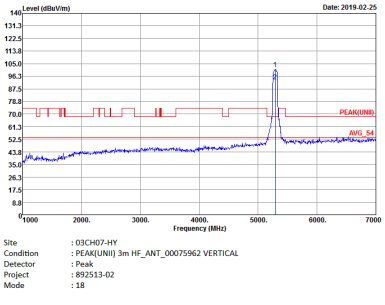
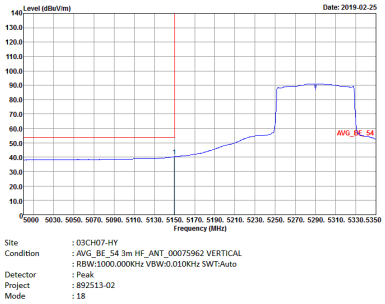
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 17	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 892513-02 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 17	Left blank

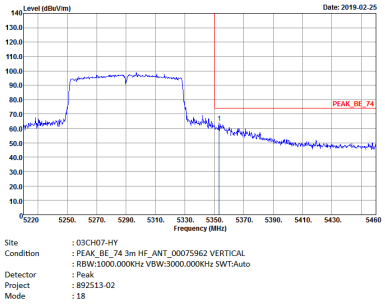
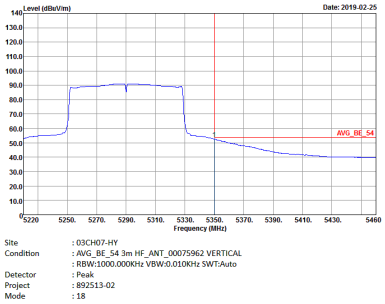
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

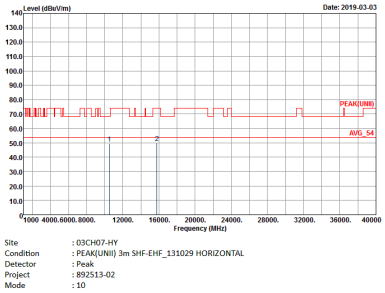
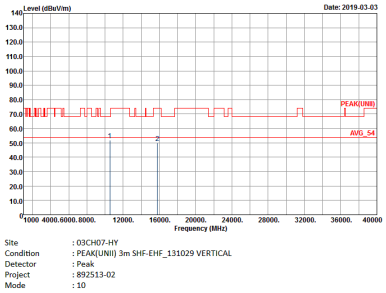
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
0	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

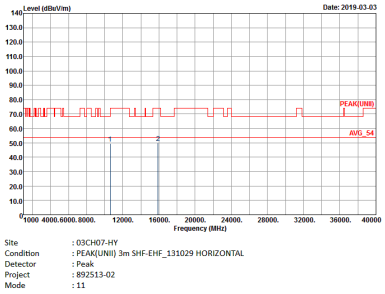
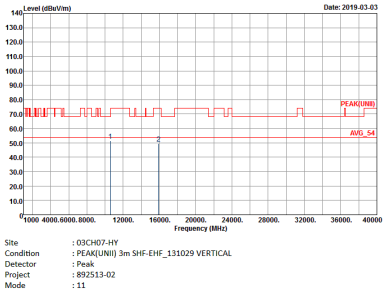
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

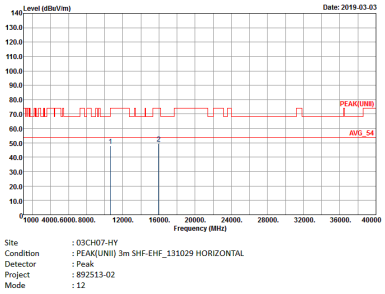
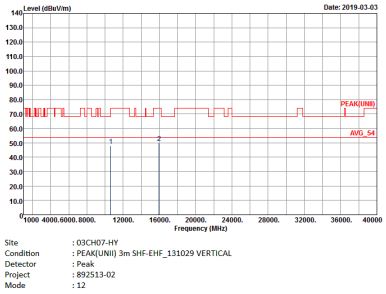
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
0	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

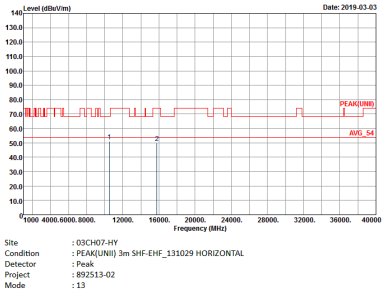
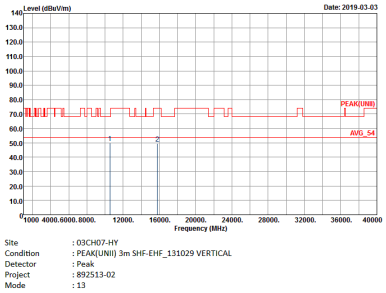
WIFI 802.11a (Harmonic @ 3m)

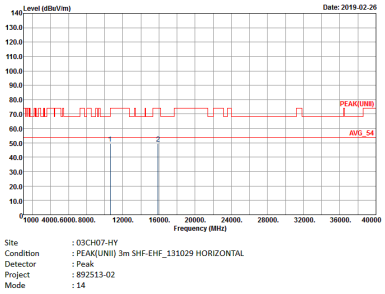
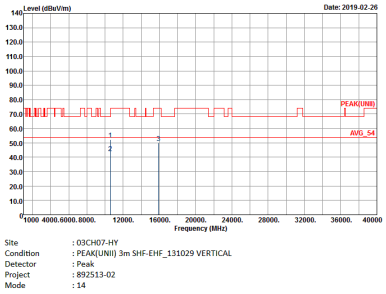
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
0	Horizontal	Vertical
Peak Avg.		

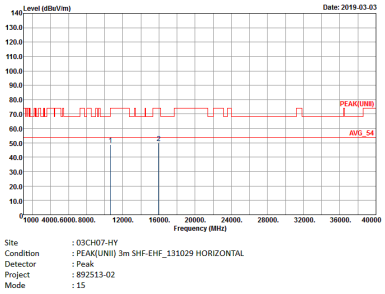
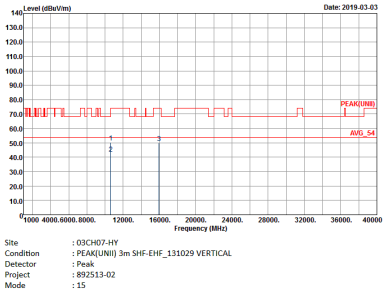
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
0	Horizontal	Vertical
Peak Avg.		

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

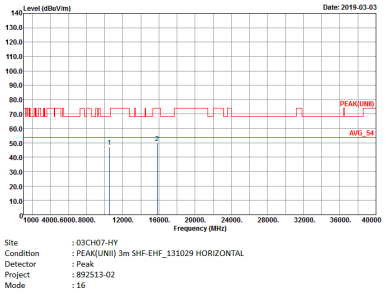
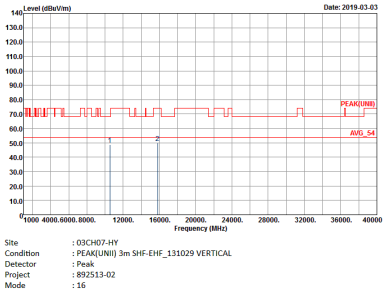
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

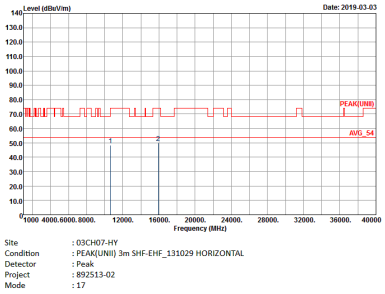
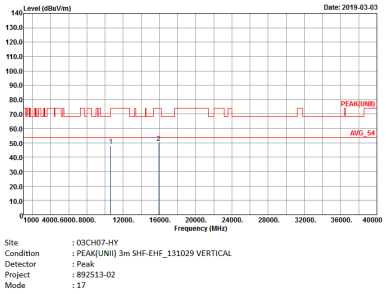
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
0	Horizontal	Vertical
Peak Avg.		

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

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

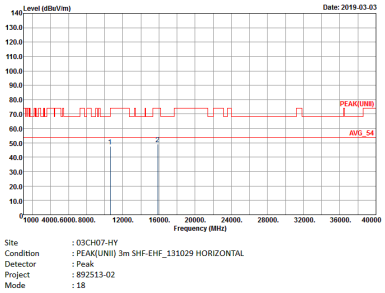
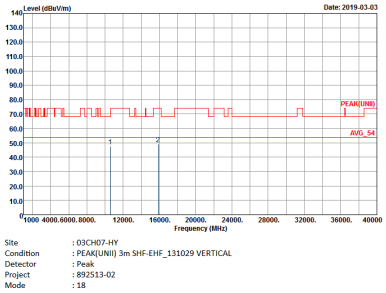
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270MHz	
0	Horizontal	Vertical
Peak Avg.		

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

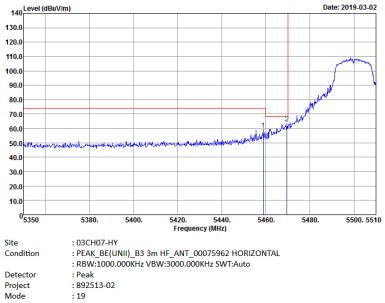
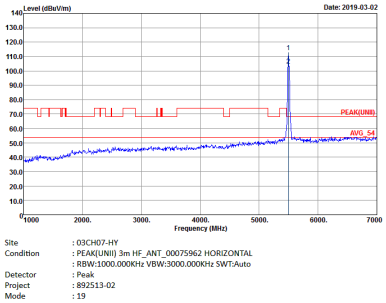
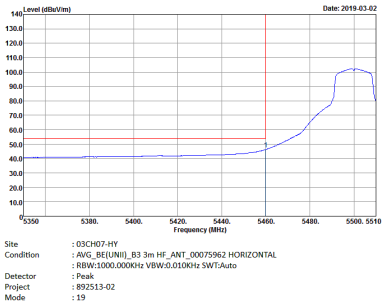
Band 2 5250~5350MHz

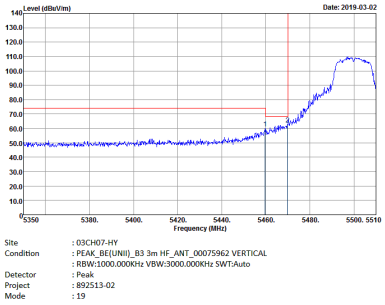
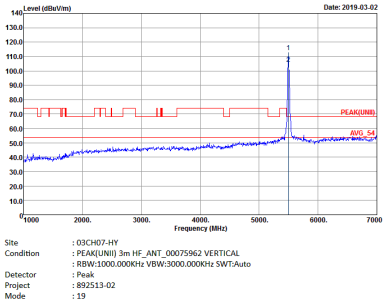
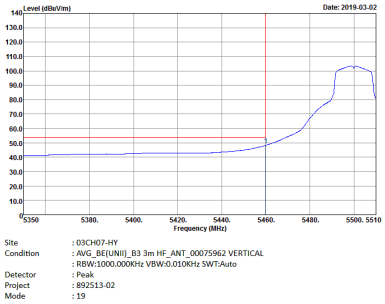
WIFI 802.11ac VHT80 (Harmonic @ 3m)

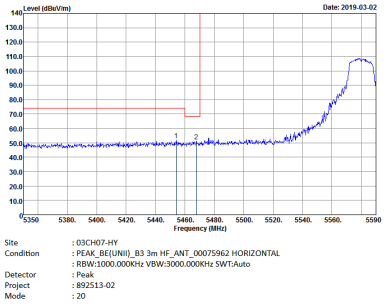
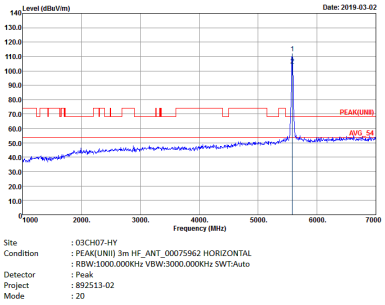
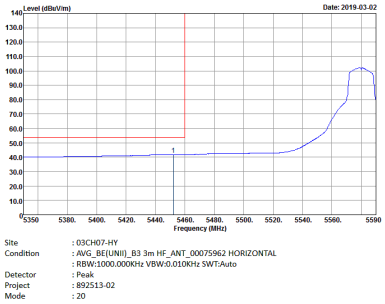
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
0	Horizontal	Vertical
Peak Avg.		

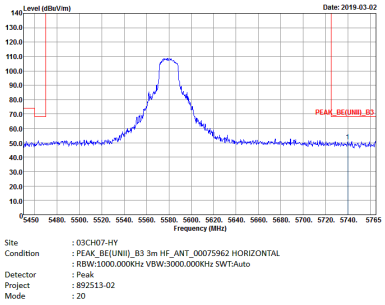
Band 3 - 5470~5725MHz

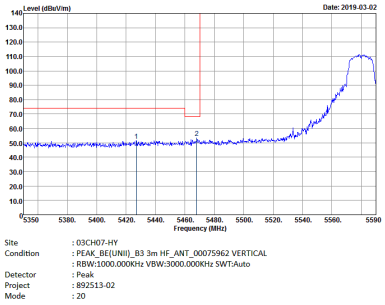
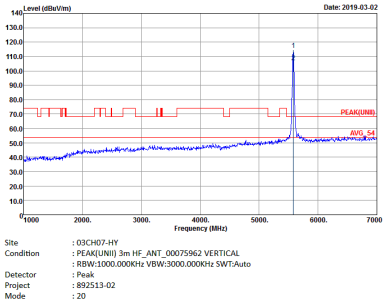
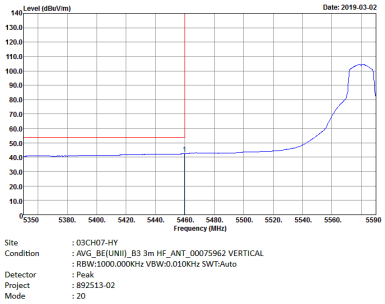
WIFI 802.11a (Band Edge @ 3m)

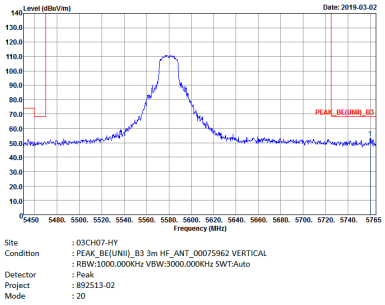
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

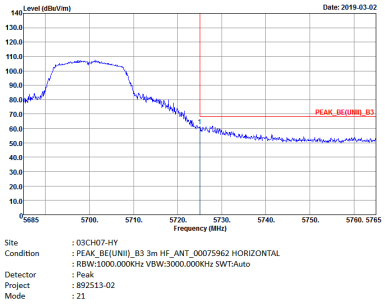
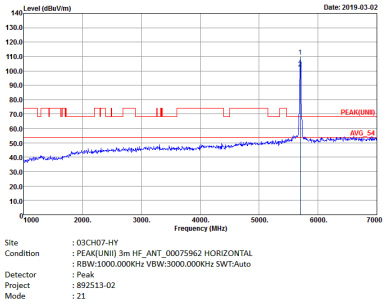
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

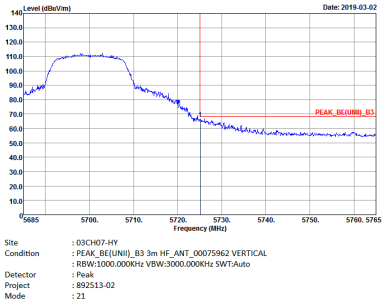
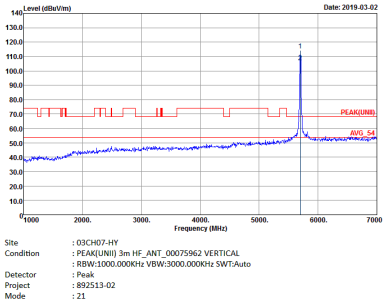
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 20	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 20
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 20	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 20	Left blank

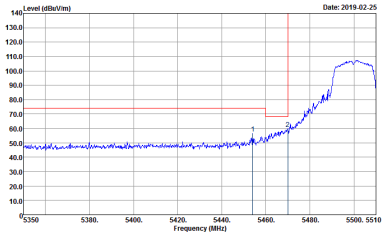
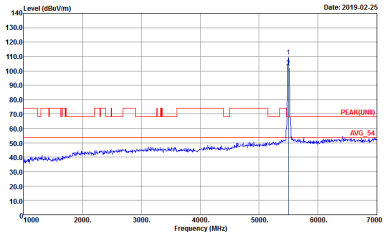
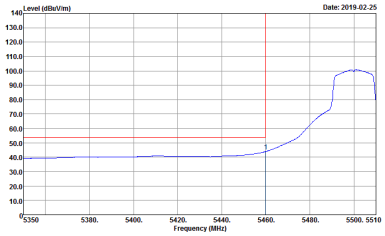
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

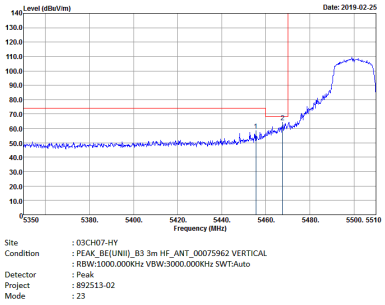
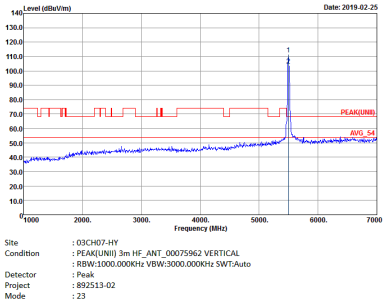
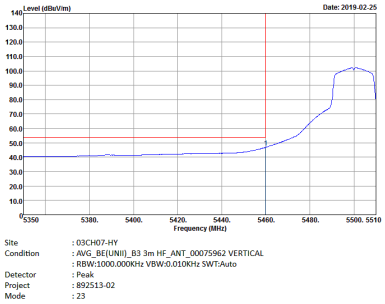
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
0	Vertical	Fundamental
Peak		Left blank

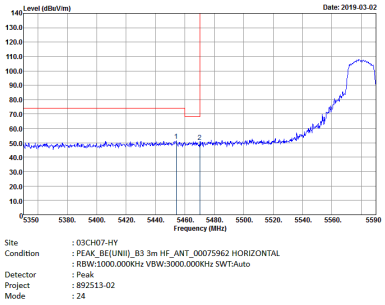
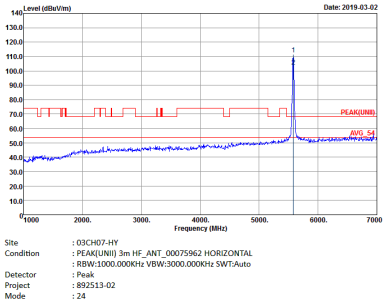
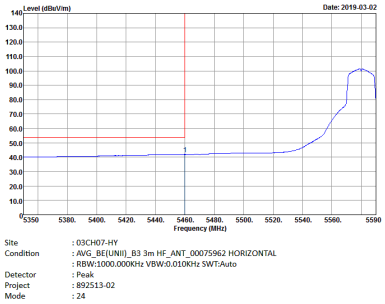
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
0	Horizontal	Fundamental
Peak		

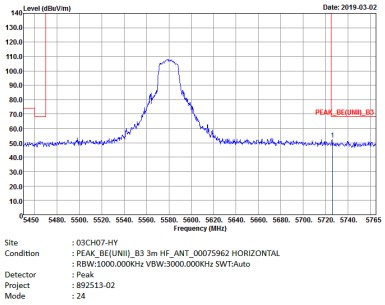
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
0	Vertical	Fundamental
Peak		

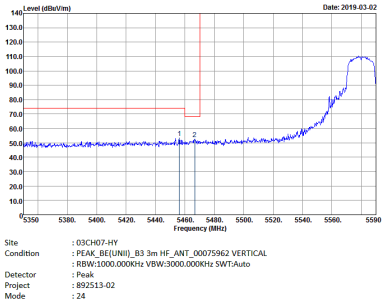
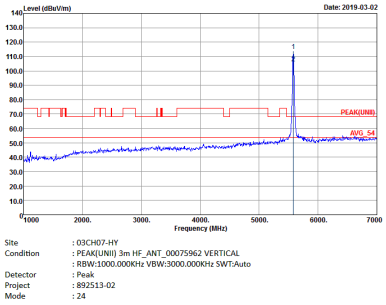
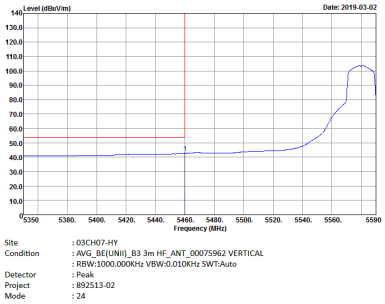
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

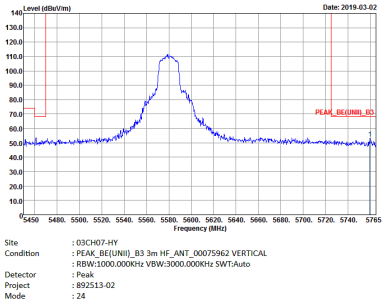
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

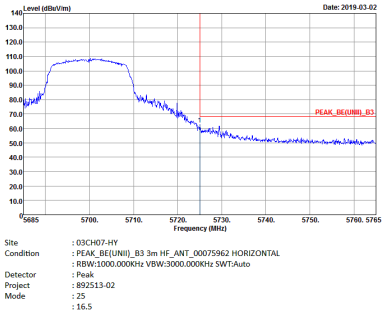
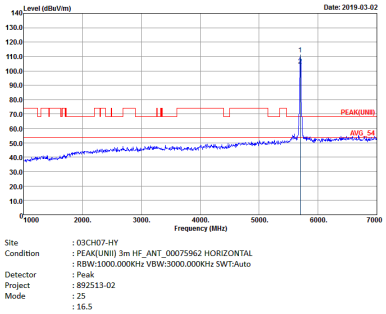
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

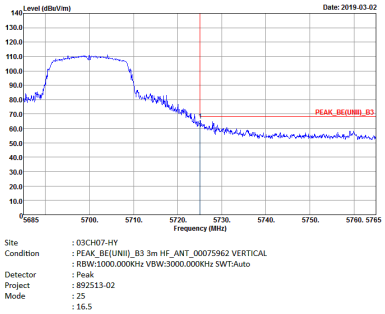
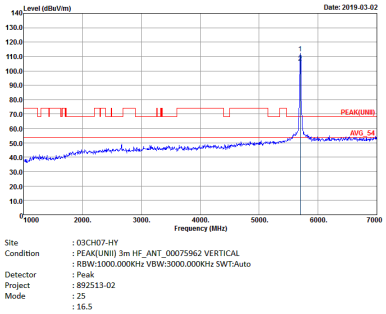
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

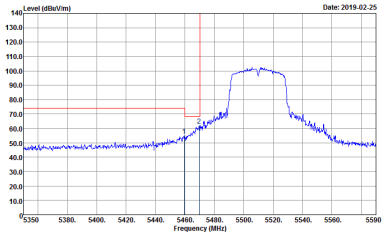
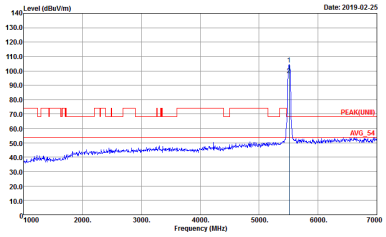
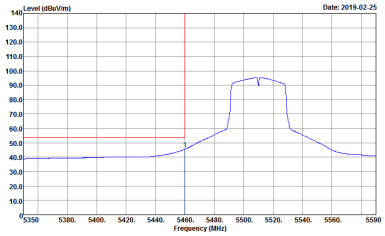
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

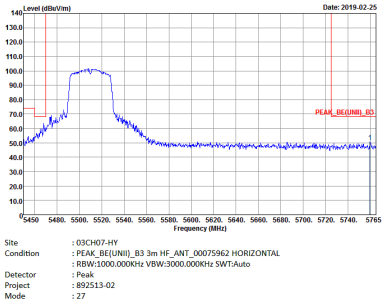
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
0	Vertical	Fundamental
Peak		Left blank

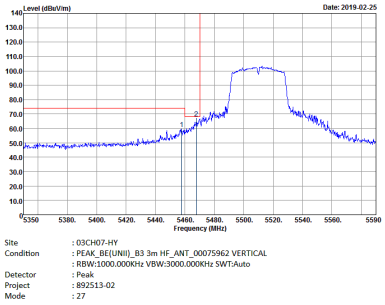
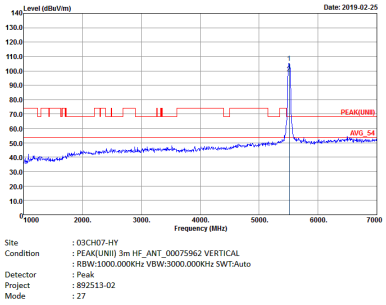
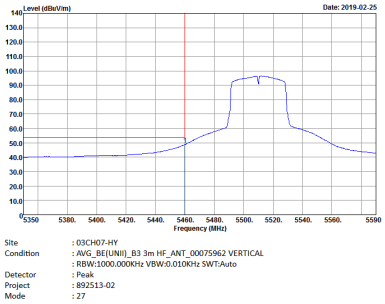
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
0	Horizontal	Fundamental
Peak		

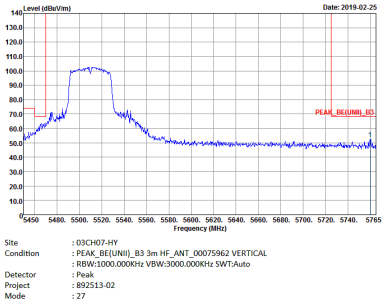
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
0	Vertical	Fundamental
Peak.		

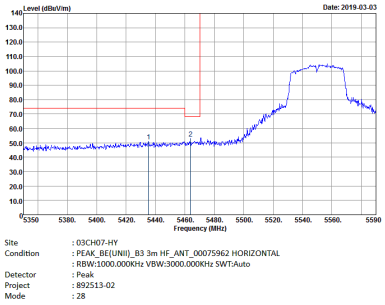
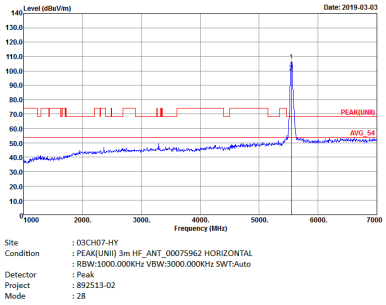
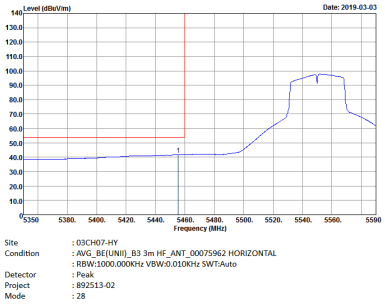
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

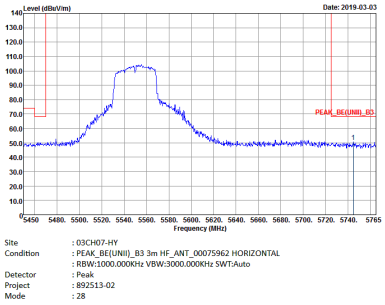
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 27	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 27
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 27	Left blank

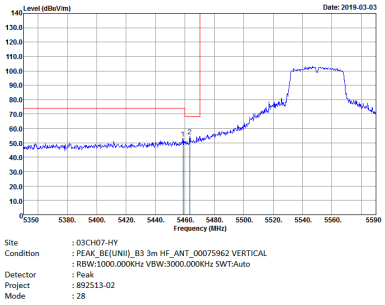
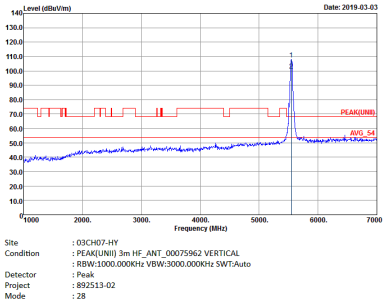
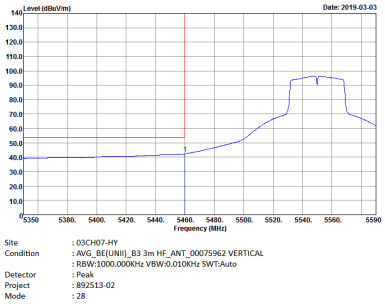
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

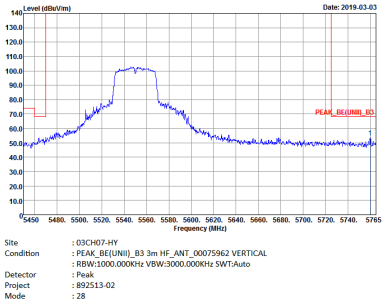
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

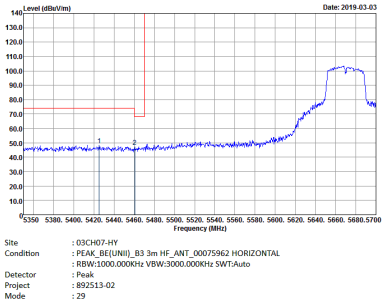
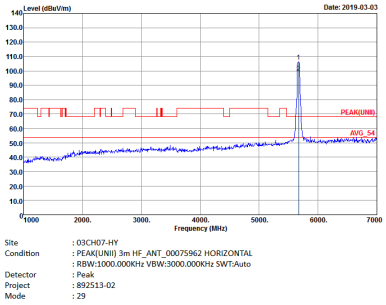
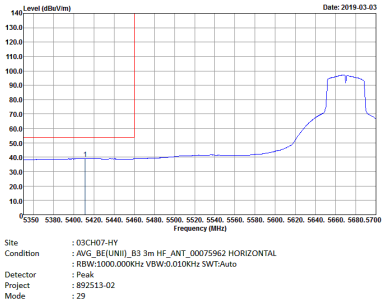
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
0	Vertical	Fundamental
Peak		Left blank

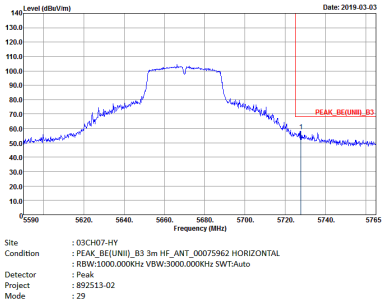
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

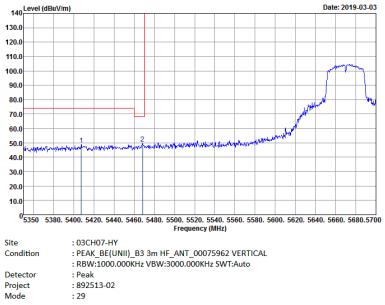
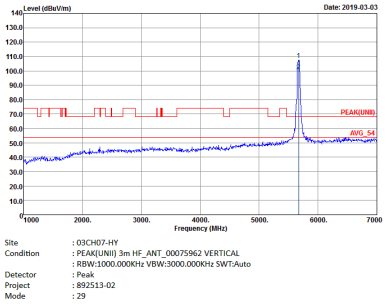
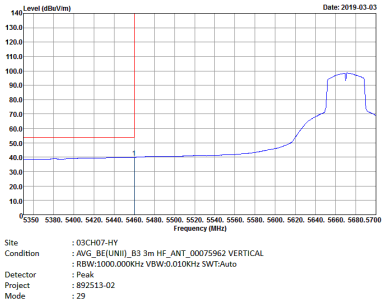
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

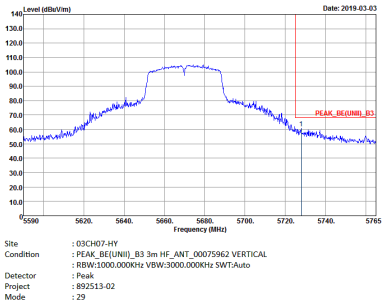
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

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

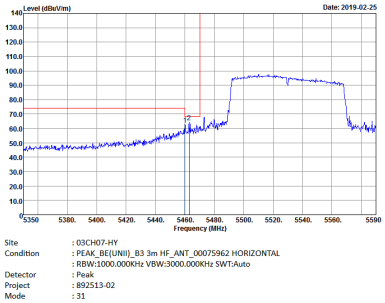
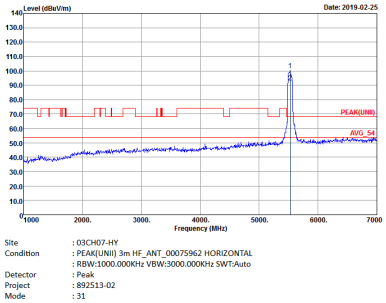
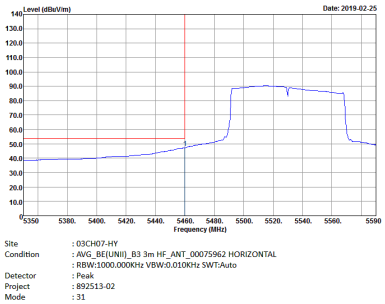
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

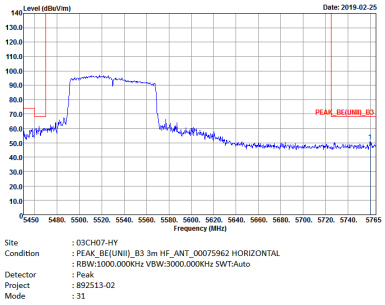
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
0	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 29	Left blank

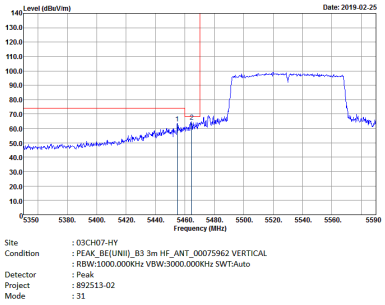
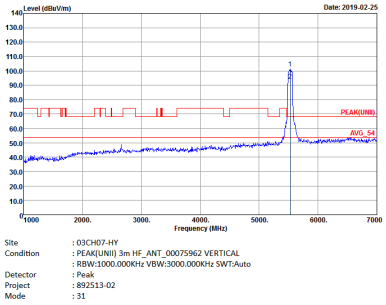
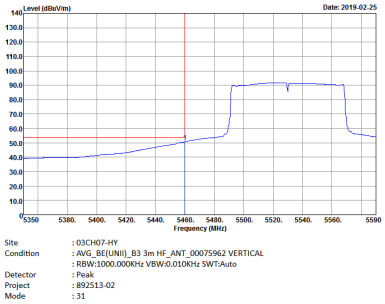
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

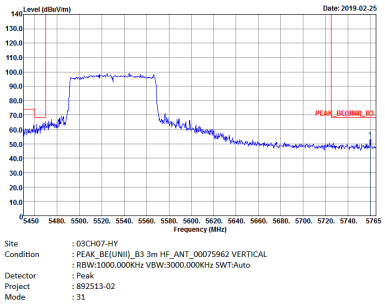
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
0	Vertical	Fundamental
Peak		Left blank

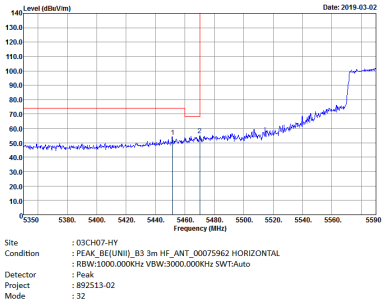
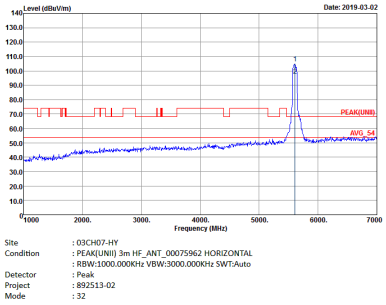
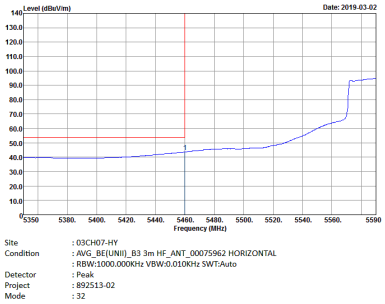
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

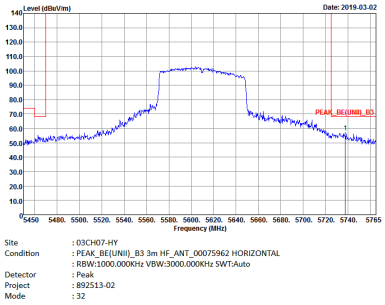
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

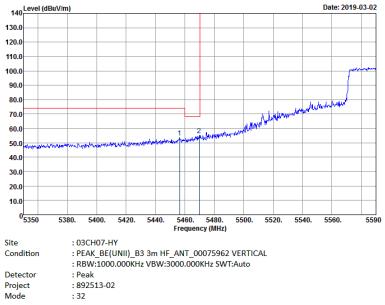
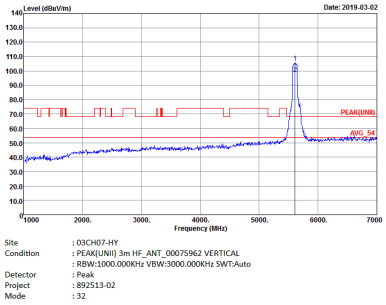
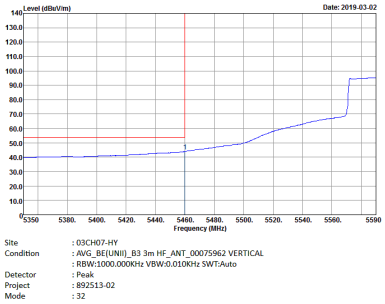
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

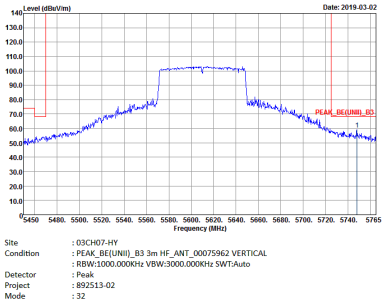
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

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

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

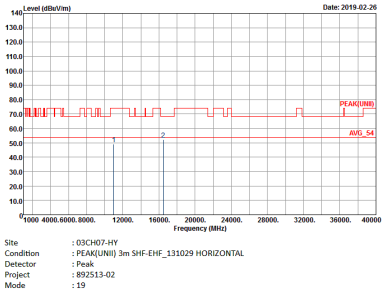
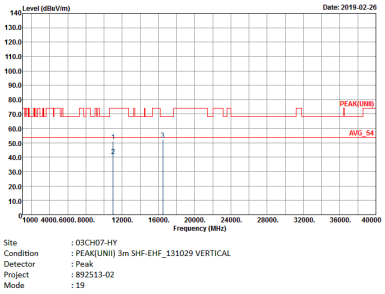
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

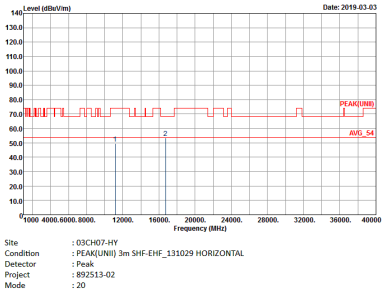
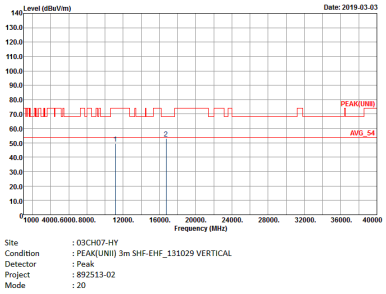
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

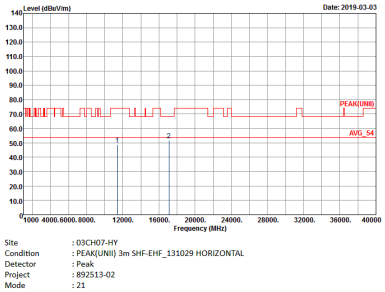
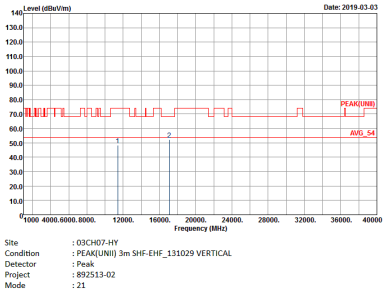
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
0	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

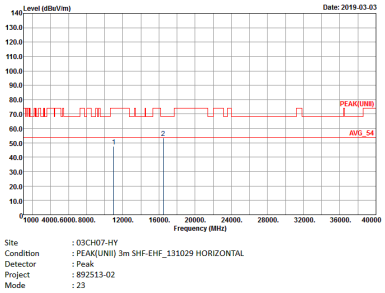
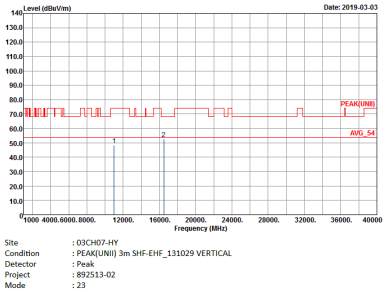
WIFI 802.11a (Harmonic @ 3m)

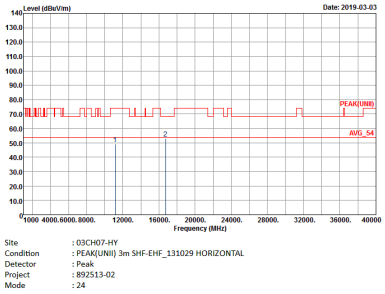
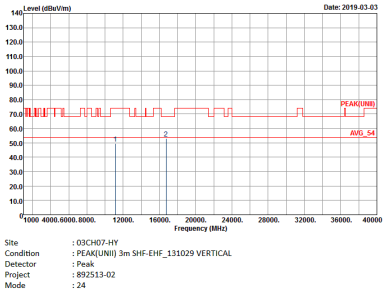
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
0	Horizontal	Vertical
Peak Avg.		

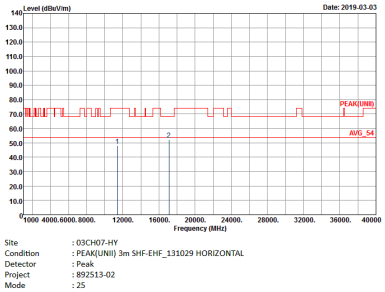
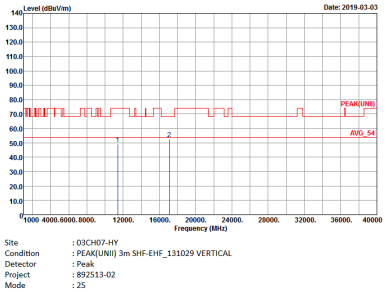
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 20	 Site : 03CH07-HY Condition : PEAK(UNII) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 892513-02 Mode : 20

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

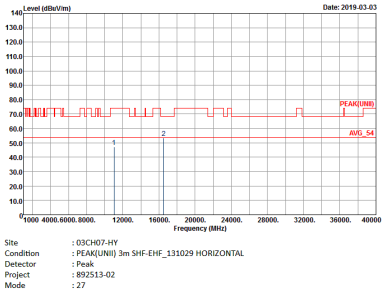
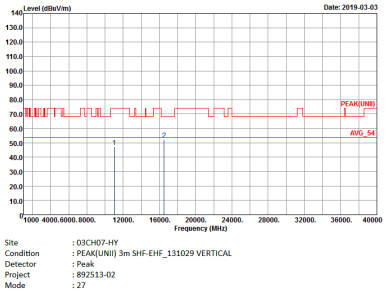
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

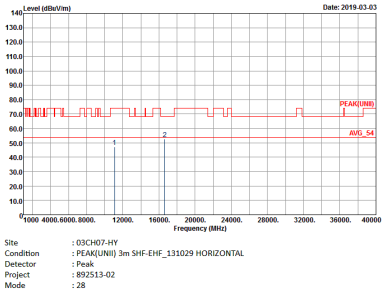
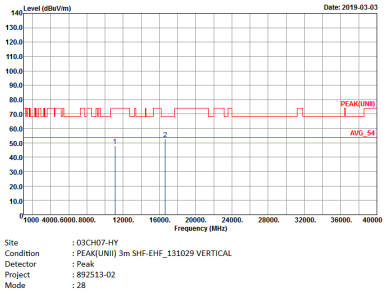
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
0	Horizontal	Vertical
Peak Avg.		

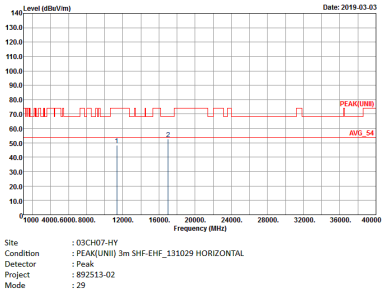
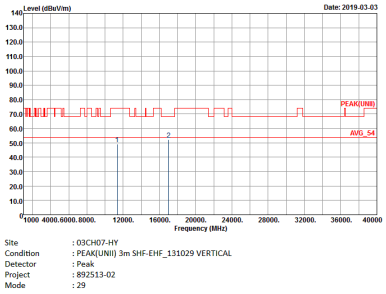
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
0	Horizontal	Vertical
Peak Avg.		

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
0	Horizontal	Vertical
Peak Avg.		

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

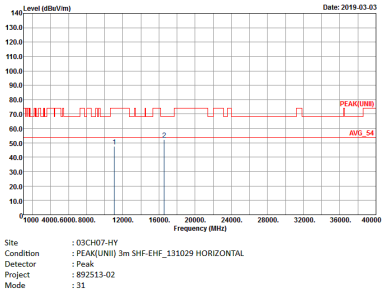
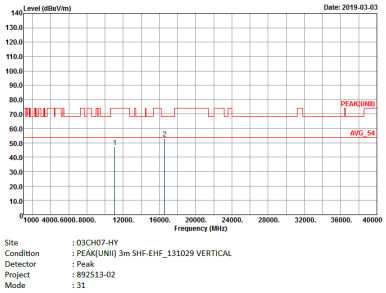
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
0	Horizontal	Vertical
Peak Avg.		

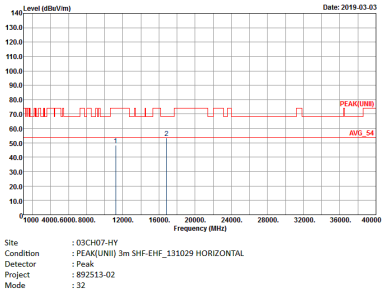
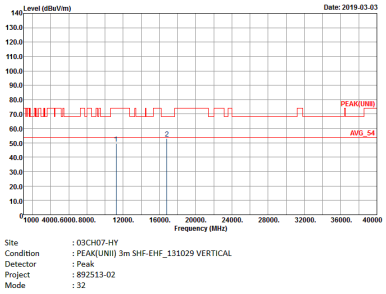
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
0	Horizontal	Vertical
Peak Avg.		

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

Band 3 5470~5725MHz

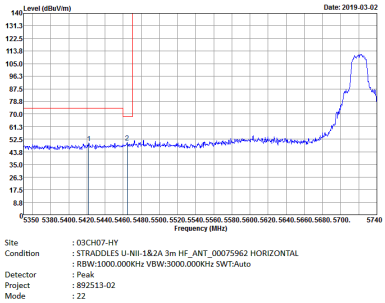
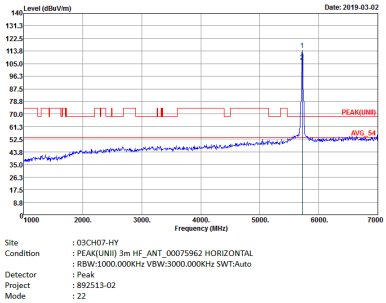
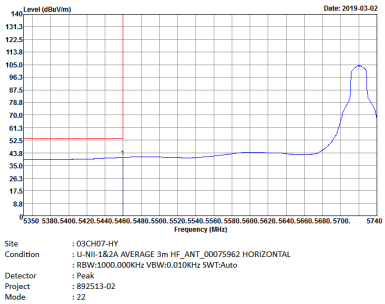
WIFI 802.11ac VHT80 (Harmonic @ 3m)

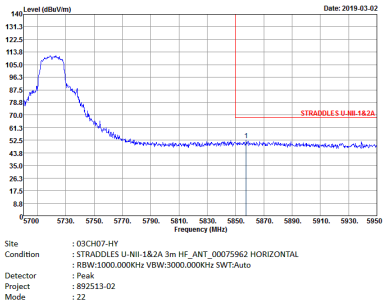
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
0	Horizontal	Vertical
Peak Avg.		

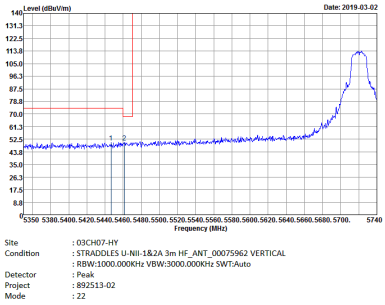
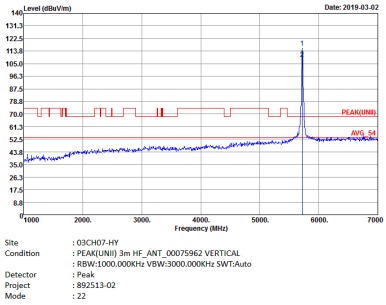
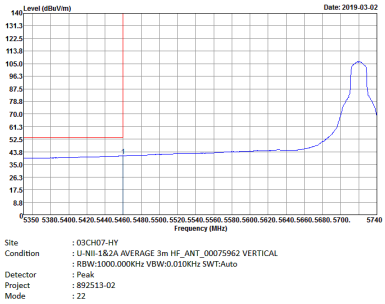
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
0	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 892513-02 Mode : 32	 Site : 03CH07-HY Condition : PEAK(UNII) 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 892513-02 Mode : 32

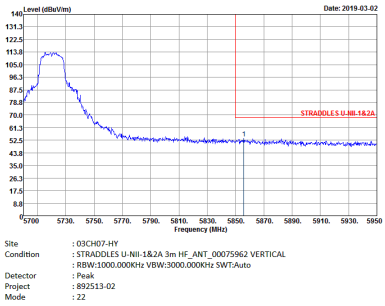
Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

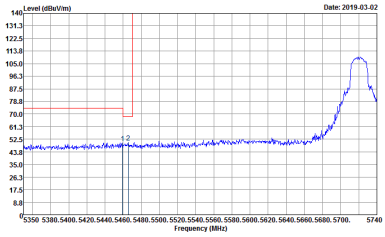
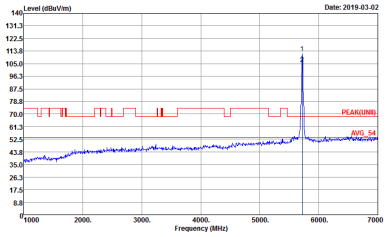
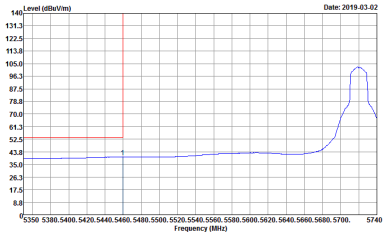
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

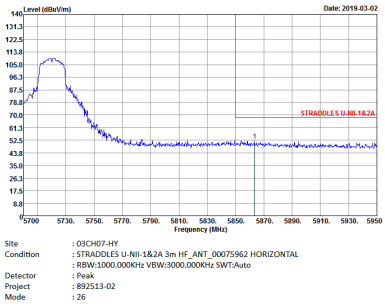
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

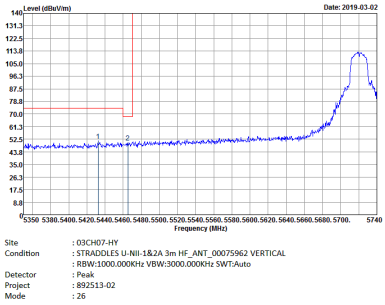
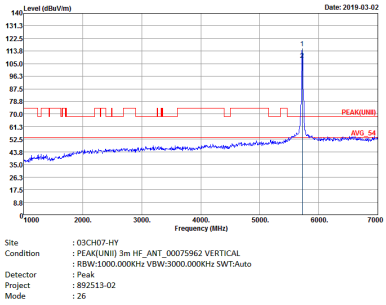
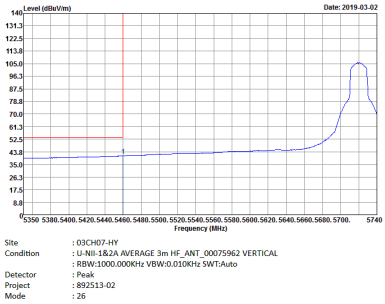
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

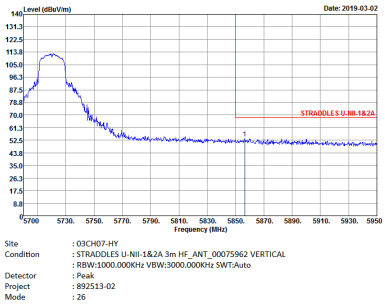
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
0	Vertical	Fundamental
Peak		Left blank

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

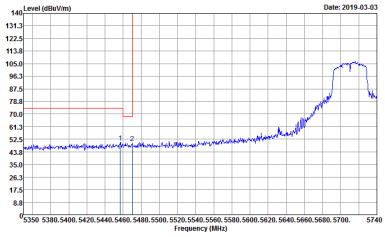
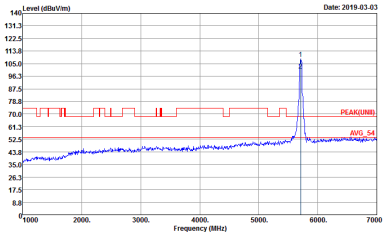
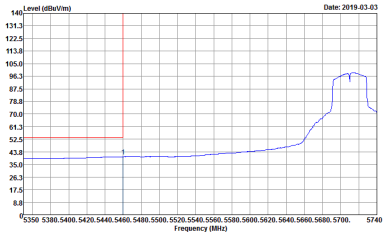
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT20 CH144 5720MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

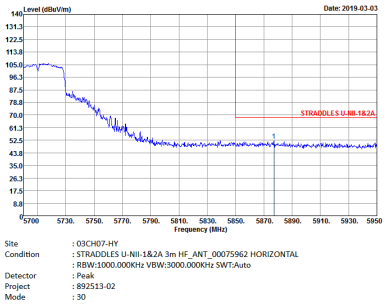
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT20 CH144 5720MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

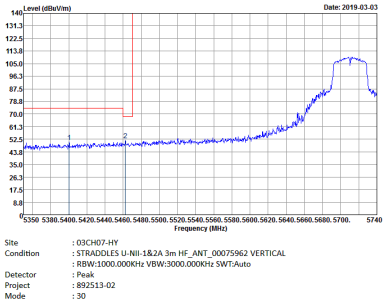
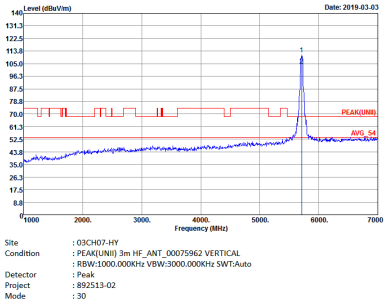
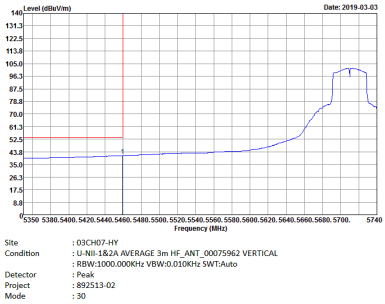
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT20 CH144 5720MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

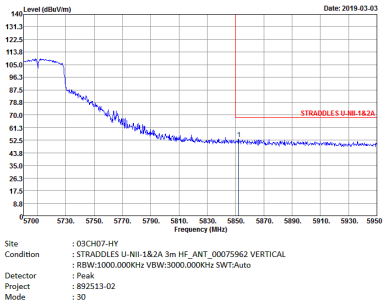
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT20 CH144 5720MHz - R	
0	Vertical	Fundamental
Peak		Left blank

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

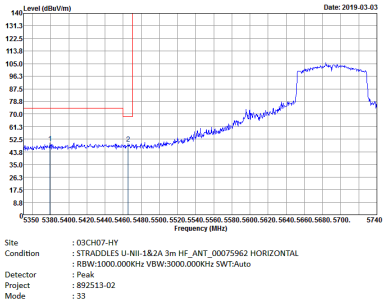
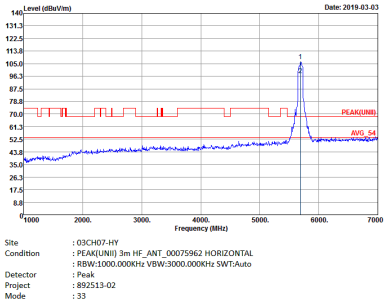
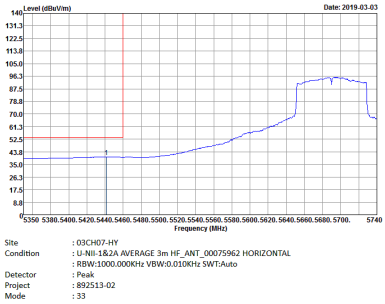
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT40 CH142 5710MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

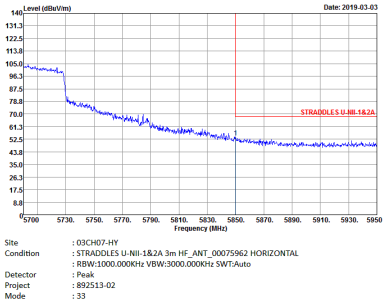
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT40 CH142 5710MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

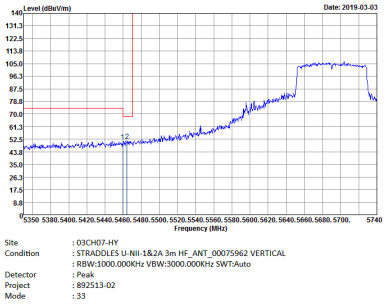
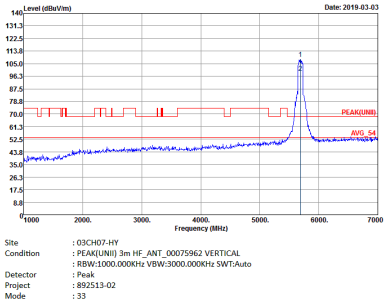
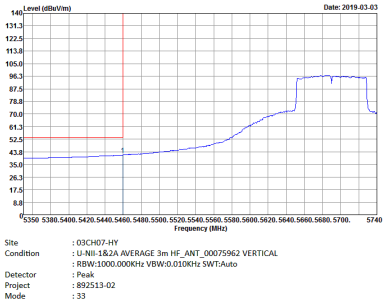
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT40 CH142 5710MHz - L	
0	Vertical	Fundamental
Peak		
Avg.		Left blank

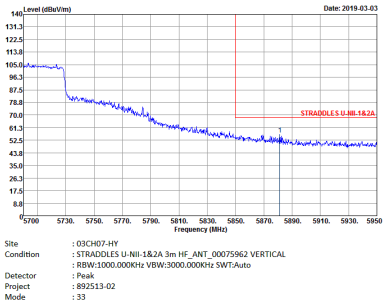
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n HT40 CH142 5710MHz - R	
0	Vertical	Fundamental
Peak		Left blank

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

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
0	Horizontal	Fundamental
Peak		
Avg.		Left blank

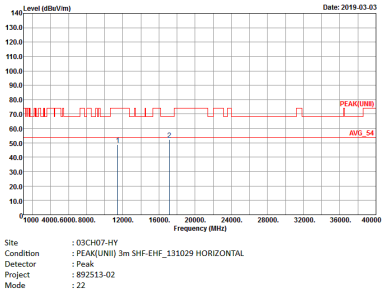
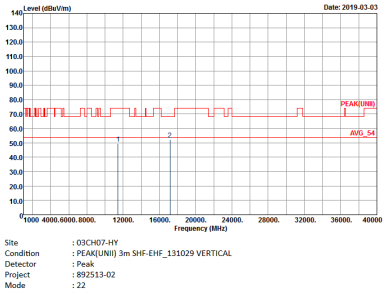
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
0	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - L	
0	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDLES U-NII-1&2A 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 33	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 33
Avg.	 Site : 03CH07-HY Condition : U-NII-1&2A AVERAGE 3m HF_ANT_00075962 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 892513-02 Mode : 33	Left blank

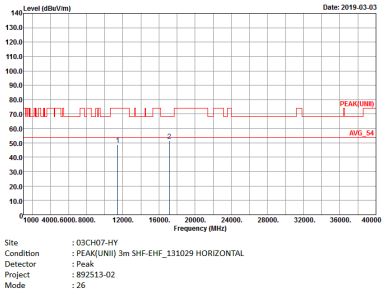
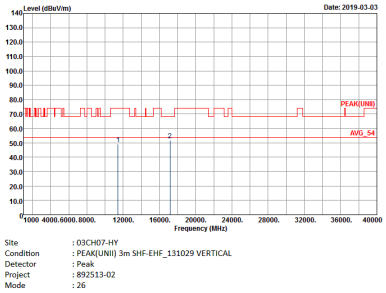
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz - R	
0	Vertical	Fundamental
Peak		Left blank

Band 3 - Straddle Channel

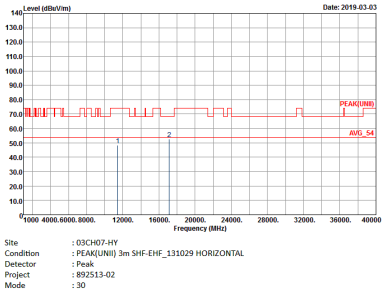
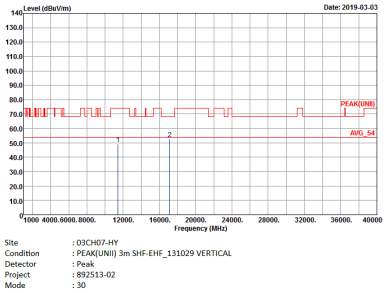
WIFI 802.11a (Harmonic @ 3m)

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

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

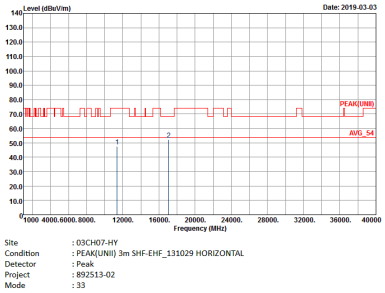
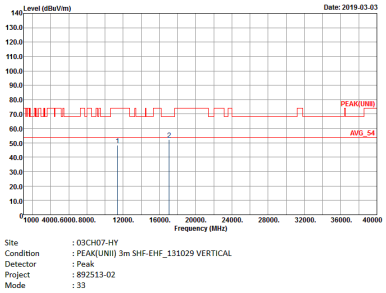
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
0	Horizontal	Vertical
Peak Avg.		

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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
0	Horizontal	Vertical
Peak Avg.		

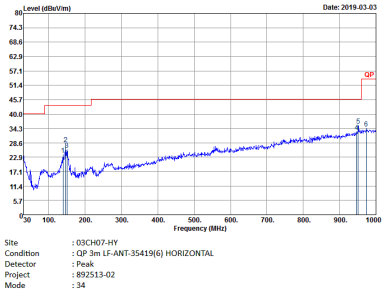
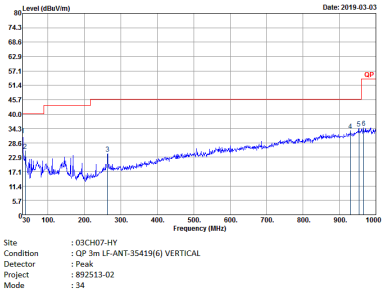
Band 3 – Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
0	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

5GHz WIFI 802.11n HT40 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT40 LF	
0	Horizontal	Vertical
QP / Peak		

———THE END———