FCC RADIO TEST REPORT

FCC ID	:	**2AVVJ-5273**
Equipment	:	**Digital Media Receiver**
Model Name	:	**L4S3RE**
Applicant	:	**Coral Creep LLC BROWNSBORO CROSSING 9850 VON ALLMEN COURT, SUITE 201, LOUISVILLE, KENTUCKY, 40241**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Apr. 24, 2020 and testing was started from May 08, 2020 and completed on Jun. 29, 2020. 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 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.

Louis Wu

Approved by: Louis Wu

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
FR012305-01G	01	Initial issue of report	Jul. 07, 2020

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: Celery Wei

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	L4S3RE
FCC ID	2AVVJ-5273
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE Zigbee/FSK/LoRa

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Channel Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 1+2>** 802.11a : 19.18 dBm / 0.0828 W 802.11n HT20 : 18.83 dBm / 0.0764 W 802.11n HT40 : 18.67 dBm / 0.0736 W 802.11ac VHT20: 18.73 dBm / 0.0746 W 802.11ac VHT40: 18.57 dBm / 0.0719 W 802.11ac VHT80: 18.37 dBm / 0.0687 W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 1+2>** 802.11a : 19.21 dBm / 0.0834 W 802.11n HT20 : 19.21 dBm / 0.0834 W 802.11n HT40 : 18.87 dBm / 0.0771 W 802.11ac VHT20: 19.11 dBm / 0.0815 W 802.11ac VHT40: 18.77 dBm / 0.0753 W 802.11ac VHT80: 15.17 dBm / 0.0329 W **<5500 MHz ~ 5720 MHz >** **MIMO <Ant. 1+2>** 802.11a : 19.48 dBm / 0.0887 W 802.11n HT20 : 19.38 dBm / 0.0867 W 802.11n HT40 : 19.50 dBm / 0.0891 W 802.11ac VHT20: 19.28 dBm / 0.0847 W 802.11ac VHT40: 19.40 dBm / 0.0871 W 802.11ac VHT80: 18.93 dBm / 0.0782 W

Standards-related Product Specification	
99% Occupied Bandwidth	**MIMO <Ant. 1>** 802.11a : 16.75 MHz 802.11n HT20 : 17.75 MHz 802.11n HT40 : 36.50 MHz 802.11ac VHT80 : 76.56 MHz **MIMO <Ant. 2>** 802.11a : 16.70 MHz 802.11n HT20 : 17.75 MHz 802.11n HT40 : 36.30 MHz 802.11ac VHT80 : 76.68 MHz
Antenna Gain / Gain	**<5180 MHz ~ 5240 MHz>** <Ant. 1>: PCB PIFA Antenna with gain 4.08 dBi <Ant. 2>: PCB PIFA Antenna with gain 3.26 dBi **<5260 MHz ~ 5320 MHz>** <Ant. 1>: PCB PIFA Antenna with gain 4.08 dBi <Ant. 2>: PCB PIFA Antenna with gain 3.26 dBi **<5500 MHz ~ 5720 MHz >** <Ant. 1>: PCB PIFA Antenna with gain 4.08 dBi <Ant. 2>: PCB PIFA Antenna with gain 3.26 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Remark: MIMO Ant. 1+2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 2.

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. EMC & Wireless Communications Laboratory		
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	DFS02-HY

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

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH11-HY

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

FCC designation No.: TW1190 and TW0007

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.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

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 : WLAN 5GHz Link + Bluetooth Link + Internal Speaker play Bangarang + 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

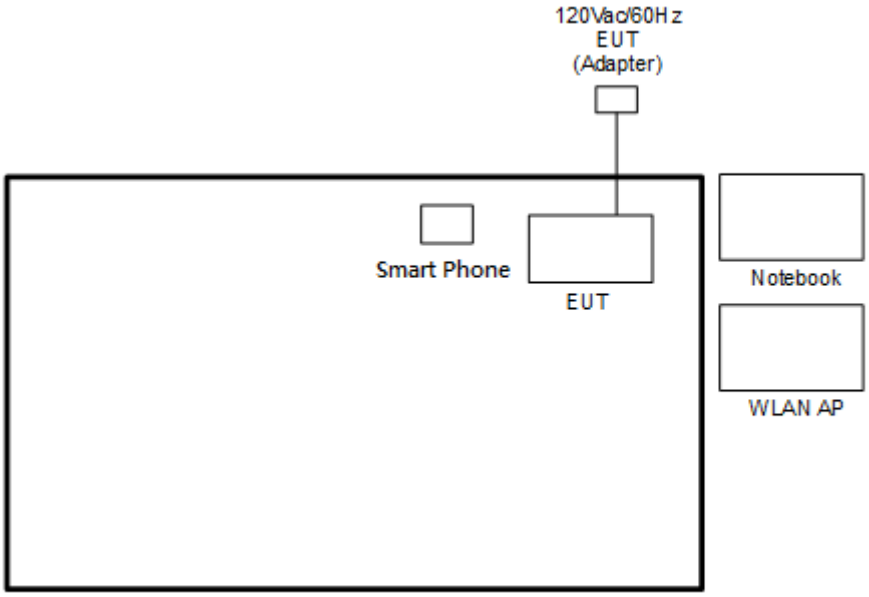
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

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

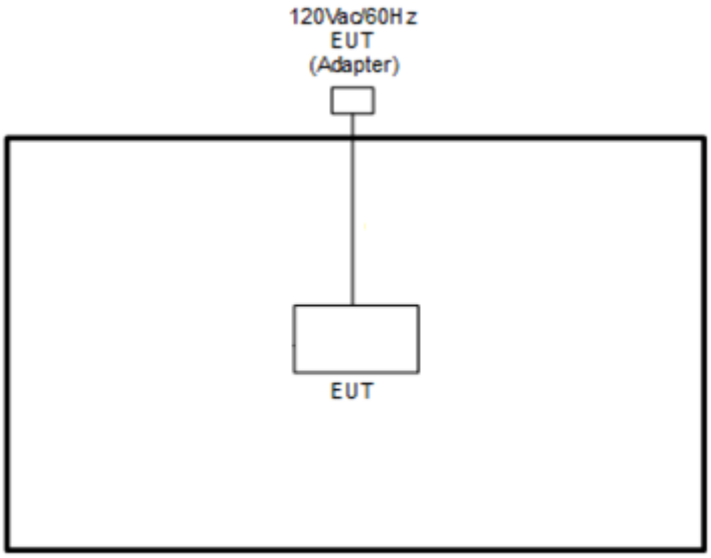
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx 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	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded,1.8m
2.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P： Unshielded, 1.2m DC O/P： Shielded, 1.8m
3.	Smart Phone	Samsuang	SM-A730F/DS	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “Compliance V1.0.0.79” 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.

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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.

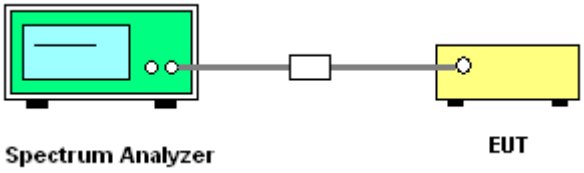
3.1.2 Measuring Instruments

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.

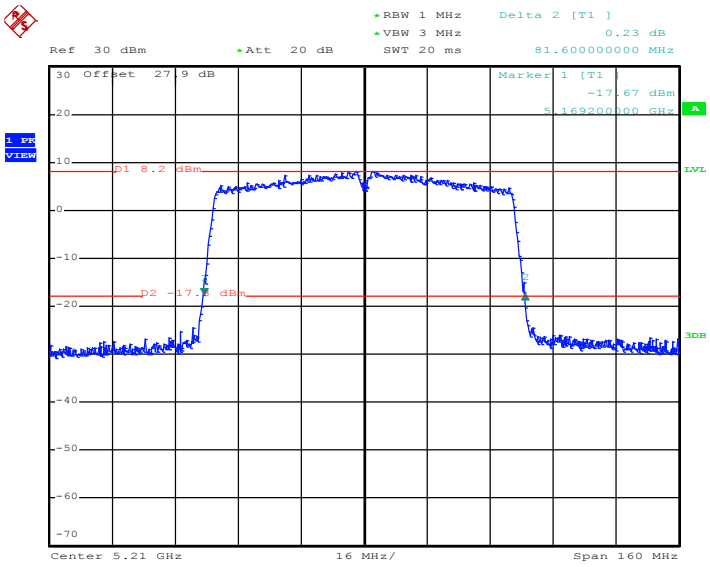
3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



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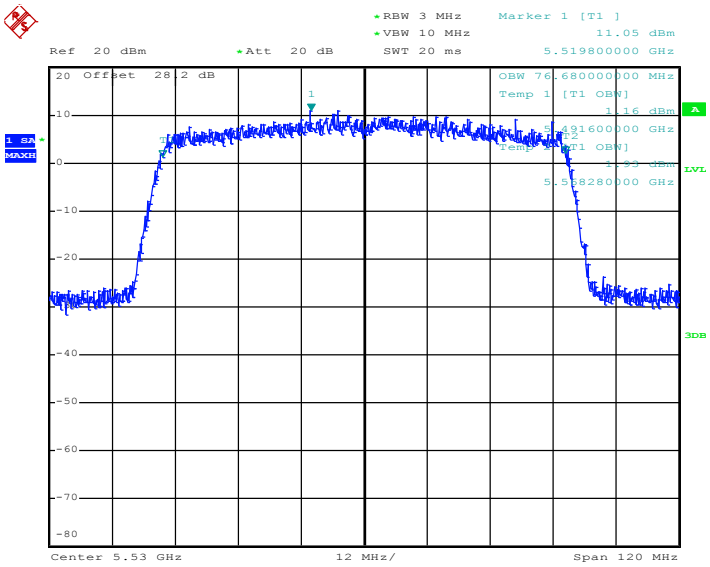
Maximum 99% Occupied Bandwidth



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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

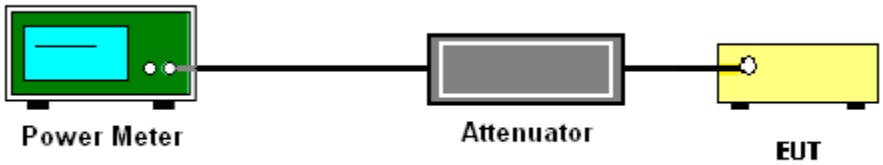
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 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-3 #

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

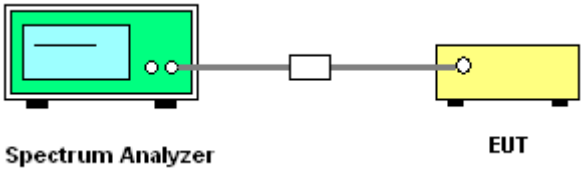
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time ≤ (number of points in sweep) × T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
- Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

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

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

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

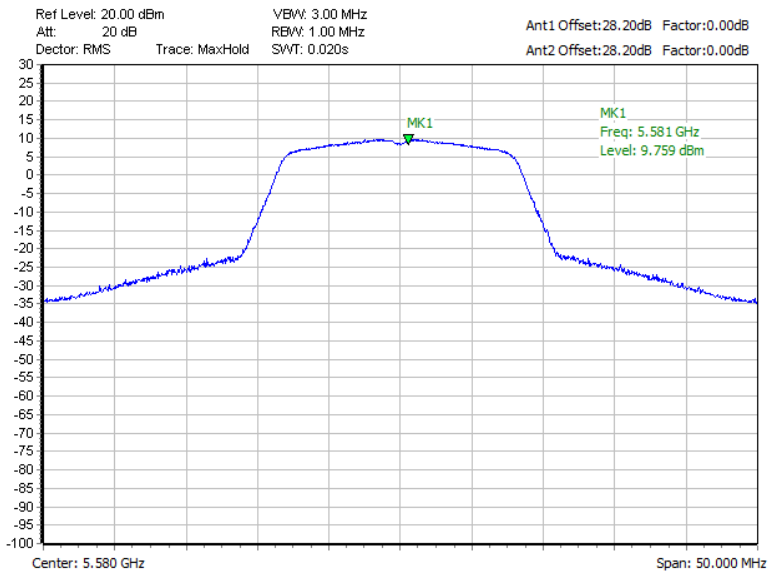
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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) Sections 15.407(b)(1-3) specifies the unwanted emissions limit 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.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

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

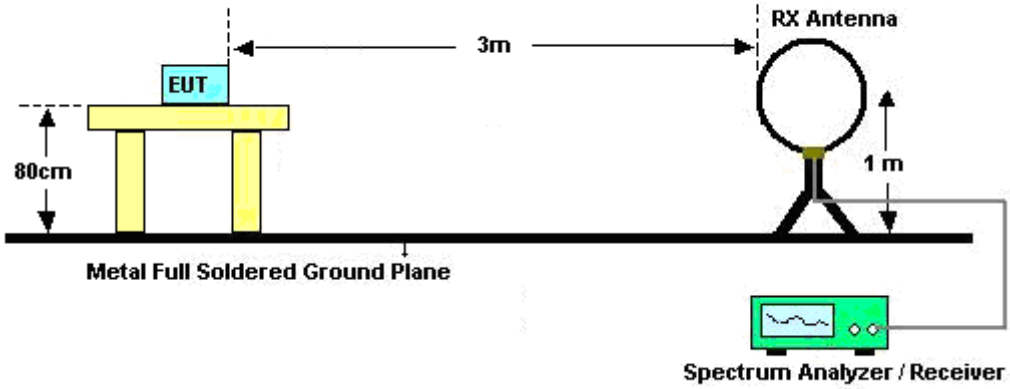
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

- 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.

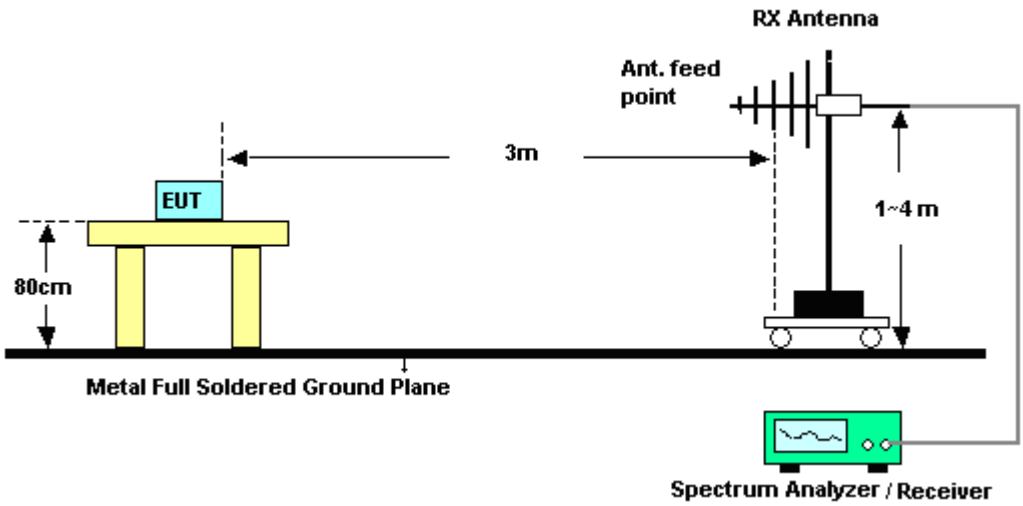
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

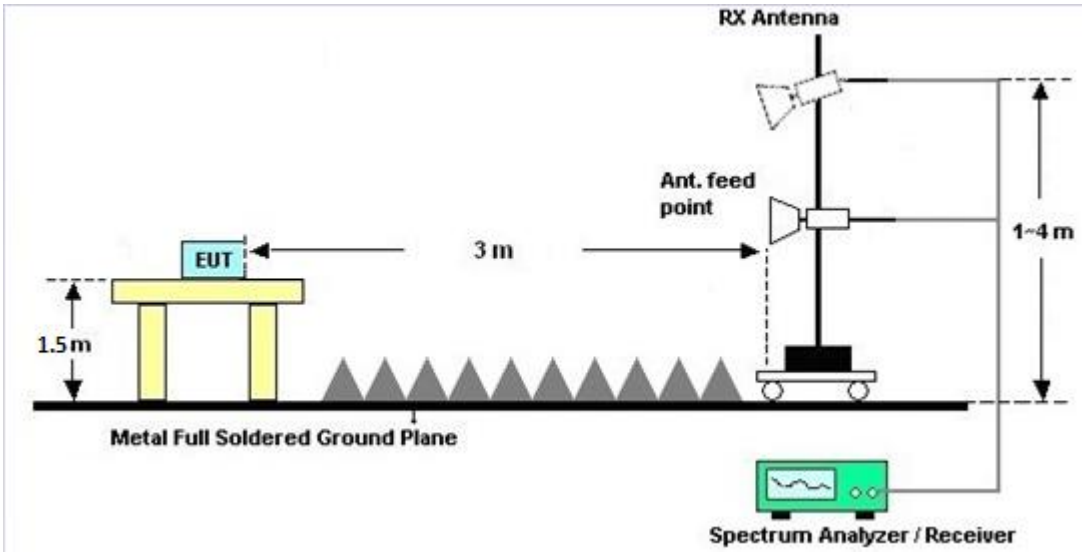
For radiated emissions below 30MHz



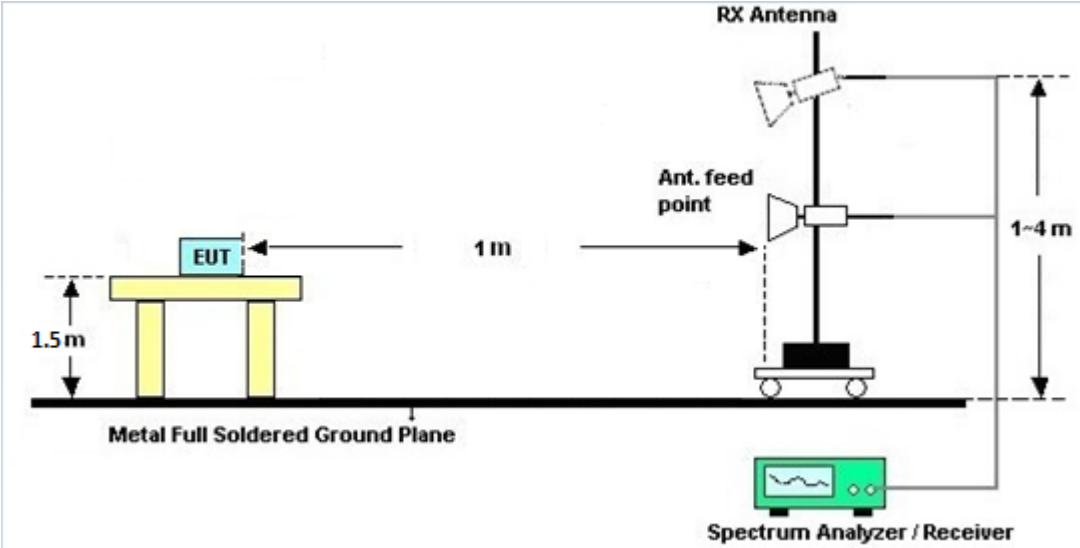
For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



For radiated emissions above 18GHz



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.

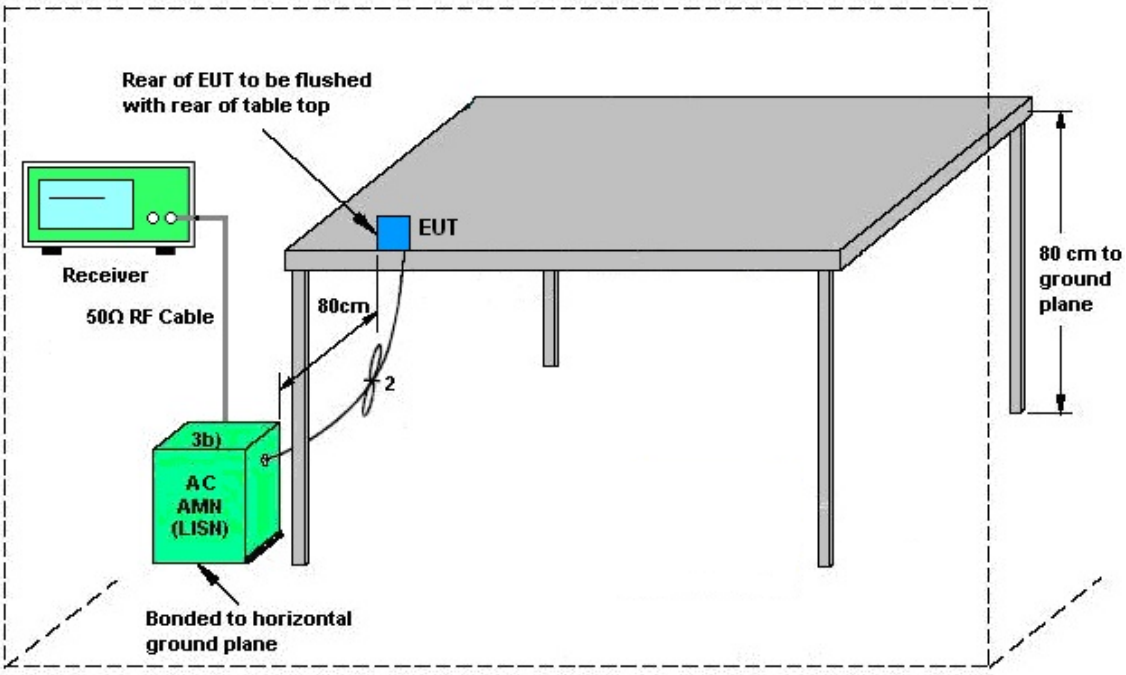
3.5.2 Measuring Instruments

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.

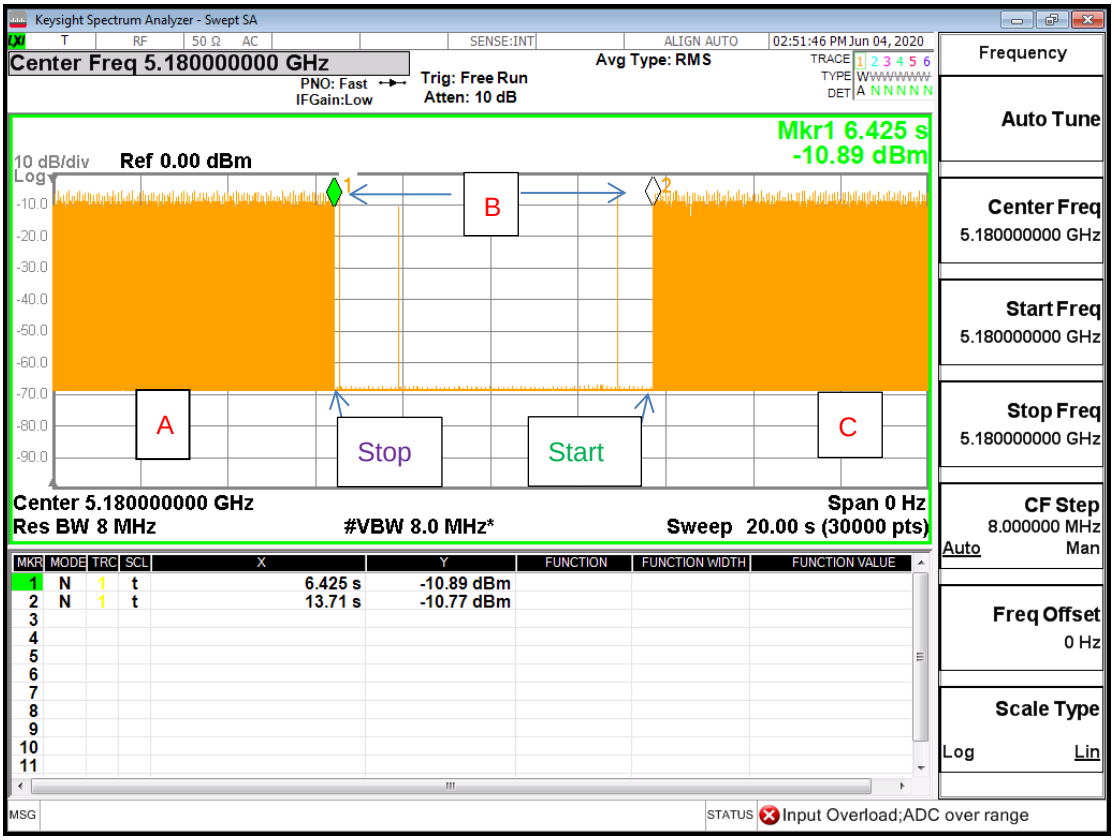
B. Information stop: stop supplying information to the access point.

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

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	4.08	3.26	4.08	6.69	0.00	0.69
Band II	4.08	3.26	4.08	6.69	0.00	0.69
Band III	4.08	3.26	4.08	6.69	0.00	0.69

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Preamplifier	EMCE	EM18G40G	060715	18GHz ~ 40GHz	Dec. 13, 2019	Jun. 29, 2020	Dec. 12, 2020	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	May 08, 2020~ Jun. 29, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 12, 2019	May 08, 2020~ Jun. 29, 2020	Oct. 11, 2020	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1326	1GHz ~ 18GHz	Nov. 04, 2019	May 08, 2020~ Jun. 29, 2020	Nov. 03, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Dec. 26, 2019	May 08, 2020~ Jun. 29, 2020	Dec. 25, 2020	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 13, 2019	May 08, 2020~ Jun. 29, 2020	Nov. 12, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz ~ 44GHz	Oct. 28, 2019	May 08, 2020~ Jun. 29, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 08, 2020~ Jun. 29, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 08, 2020~ Jun. 29, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 08, 2020~ Jun. 29, 2020	N/A	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303K	1710001800054002	1GHz~18GHz	Aug. 06, 2019	May 08, 2020~ Jun. 29, 2020	Aug. 05, 2020	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170576	18GHz- 40GHz	May 22, 2020	Jun. 29, 2020	May 21, 2021	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 28, 2019	May 08, 2020~ Jun. 29, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 08, 2020~ Jun. 29, 2020	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz-30MHz	Mar. 12, 2020	May 08, 2020~ Jun. 29, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 12, 2020	May 08, 2020~ Jun. 29, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	30M-18G	Mar. 12, 2020	May 08, 2020~ Jun. 29, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY4274/2	30MHz-40GHz	Mar. 12, 2020	May 08, 2020~ Jun. 29, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53G Low Pass	Sep. 15, 2019	May 08, 2020~ Jun. 29, 2020	Sep. 14, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 16, 2019	May 08, 2020~ Jun. 29, 2020	Sep. 15, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	May 08, 2020~ Jun. 29, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	May 08, 2020~ Jun. 29, 2020	Oct. 24, 2020	Radiation (03CH11-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H2	41410069	N/A	Jun. 17, 2019	May 16, 2020~ Jun. 03, 2020	Jun. 16, 2020	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	May 16, 2020~ Jun. 03, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Aug. 14, 2019	May 16, 2020~ Jun. 03, 2020	Aug. 13, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Aug. 22, 2019	May 16, 2020~ Jun. 03, 2020	Aug. 21, 2020	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 26, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Jun. 26, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	Jun. 26, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Jun. 26, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 26, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Jun. 26, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Jun. 26, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Spectrum Analyzer	Keysight	N9010A	MY560704 12	10Hz~7GHz	Aug. 27, 2019	Jun. 04, 2020	Aug. 26, 2020	DFS (DFS02-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.3

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.2

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.2

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.3

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Kai Liao and Shiming Liu	Temperature:	21.3~23.7	°C
Test Date:	2020/5/16~2020/6/3	Relative Humidity:	47.2~57.8	%

TEST RESULTS DATA
26dB and 99% OBW

Band I MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.75	16.60	25.75	21.50	-		22.20			
11a	6Mbps	2	44	5220	16.70	16.60	24.20	21.20	-		22.20			
11a	6Mbps	2	48	5240	16.75	16.65	23.80	21.45	-		22.21			
HT20	MCS0	2	36	5180	17.70	17.65	21.55	21.85	-		22.47			
HT20	MCS0	2	44	5220	17.75	17.75	23.35	21.90	-		22.49			
HT20	MCS0	2	48	5240	17.65	17.70	24.90	21.75	-		22.47			
HT40	MCS0	2	38	5190	36.40	36.20	41.76	41.85	-		23.01			
HT40	MCS0	2	46	5230	36.40	36.30	42.66	41.70	-		23.01			
VHT80	MCS0	2	42	5210	76.44	76.32	81.60	81.07	-		23.01			

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TEST RESULTS DATA
Average Power Table

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.60	15.70	19.18	24.00		4.08			Pass
11a	6Mbps	2	44	5220	15.80	15.70	18.76	24.00		4.08			Pass
11a	6Mbps	2	48	5240	15.70	15.50	18.61	24.00		4.08			Pass
HT20	MCS0	2	36	5180	16.20	15.40	18.83	24.00		4.08			Pass
HT20	MCS0	2	44	5220	15.70	15.50	18.61	24.00		4.08			Pass
HT20	MCS0	2	48	5240	15.60	15.40	18.51	24.00		4.08			Pass
HT40	MCS0	2	38	5190	15.90	15.40	18.67	24.00		4.08			Pass
HT40	MCS0	2	46	5230	15.40	15.50	18.46	24.00		4.08			Pass
VHT20	MCS0	2	36	5180	16.10	15.30	18.73	24.00		4.08			Pass
VHT20	MCS0	2	44	5220	15.60	15.40	18.51	24.00		4.08			Pass
VHT20	MCS0	2	48	5240	15.50	15.30	18.41	24.00		4.08			Pass
VHT40	MCS0	2	38	5190	15.80	15.30	18.57	24.00		4.08			Pass
VHT40	MCS0	2	46	5230	15.30	15.40	18.36	24.00		4.08			Pass
VHT80	MCS0	2	42	5210	15.60	15.10	18.37	24.00		4.08			Pass

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TEST RESULTS DATA
Power Spectral Density

FCC Band I MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180			9.10	10.31		6.69			Pass
11a	6Mbps	2	44	5220			8.97	10.31		6.69			Pass
11a	6Mbps	2	48	5240			8.64	10.31		6.69			Pass
HT20	MCS0	2	36	5180			8.68	10.31		6.69			Pass
HT20	MCS0	2	44	5220			8.63	10.31		6.69			Pass
HT20	MCS0	2	48	5240			8.42	10.31		6.69			Pass
HT40	MCS0	2	38	5190			6.86	10.31		6.69			Pass
HT40	MCS0	2	46	5230			6.53	10.31		6.69			Pass
VHT80	MCS0	2	42	5210			3.42	10.31		6.69			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.70	16.65	26.55	21.35	23.21		29.21		23.98		
11a	6Mbps	2	60	5300	16.70	16.65	26.40	21.40	23.21		29.21		23.98		
11a	6Mbps	2	64	5320	16.75	16.60	27.45	21.40	23.20		29.20		23.98		
HT20	MCS0	2	52	5260	17.75	17.70	27.70	21.90	23.48		29.48		23.98		
HT20	MCS0	2	60	5300	17.75	17.65	26.35	21.90	23.47		29.47		23.98		
HT20	MCS0	2	64	5320	17.75	17.65	28.65	21.80	23.47		29.47		23.98		
HT40	MCS0	2	54	5270	36.50	36.20	44.22	41.76	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.40	36.30	41.76	41.94	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	76.20	76.44	81.58	81.39	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	16.10	15.70	18.91	23.98		4.08		26.99	Pass
11a	6Mbps	2	60	5300	16.30	16.10	19.21	23.98		4.08		26.99	Pass
11a	6Mbps	2	64	5320	16.20	16.00	19.11	23.98		4.08		26.99	Pass
HT20	MCS0	2	52	5260	16.20	15.60	18.92	23.98		4.08		26.99	Pass
HT20	MCS0	2	60	5300	16.30	16.10	19.21	23.98		4.08		26.99	Pass
HT20	MCS0	2	64	5320	16.20	16.10	19.16	23.98		4.08		26.99	Pass
HT40	MCS0	2	54	5270	16.10	15.60	18.87	23.98		4.08		26.99	Pass
HT40	MCS0	2	62	5310	15.50	15.60	18.56	23.98		4.08		26.99	Pass
VHT20	MCS0	2	52	5260	16.10	15.50	18.82	23.98		4.08		26.99	Pass
VHT20	MCS0	2	60	5300	16.20	16.00	19.11	23.98		4.08		26.99	Pass
VHT20	MCS0	2	64	5320	16.10	16.00	19.06	23.98		4.08		26.99	Pass
VHT40	MCS0	2	54	5270	16.00	15.50	18.77	23.98		4.08		26.99	Pass
VHT40	MCS0	2	62	5310	15.40	15.50	18.46	23.98		4.08		26.99	Pass
VHT80	MCS0	2	58	5290	12.40	11.90	15.17	23.98		4.08		26.99	Pass

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TEST RESULTS DATA
Power Spectral Density

Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260			8.99	10.31		6.69			Pass
11a	6Mbps	2	60	5300			9.05	10.31		6.69			Pass
11a	6Mbps	2	64	5320			9.04	10.31		6.69			Pass
HT20	MCS0	2	52	5260			8.74	10.31		6.69			Pass
HT20	MCS0	2	60	5300			8.83	10.31		6.69			Pass
HT20	MCS0	2	64	5320			8.94	10.31		6.69			Pass
HT40	MCS0	2	54	5270			6.91	10.31		6.69			Pass
HT40	MCS0	2	62	5310			6.57	10.31		6.69			Pass
VHT80	MCS0	2	58	5290			0.12	10.31		6.69			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	100	5500	16.70	16.60	21.40	21.40	23.20		29.20		23.98		----	----
11a	6Mbps	2	116	5580	16.65	16.70	21.50	21.70	23.21		29.21		23.98		----	----
11a	6Mbps	2	140	5700	16.60	16.65	21.40	21.75	23.20		29.20		23.98		----	----
HT20	MCS0	2	100	5500	17.75	17.65	21.80	21.75	23.47		29.47		23.98		----	----
HT20	MCS0	2	116	5580	17.75	17.65	21.90	22.00	23.47		29.47		23.98		----	----
HT20	MCS0	2	140	5700	17.65	17.70	21.70	21.85	23.47		29.47		23.98		----	----
HT40	MCS0	2	102	5510	36.30	36.30	42.00	41.58	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.40	36.20	42.30	41.58	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.40	36.30	42.12	41.76	23.98		30.00		23.98		----	----
VHT80	MCS0	2	106	5530	76.44	76.68	81.06	81.60	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.56	76.44	81.60	81.60	23.98		30.00		23.98		----	----

Band III straddle channel MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	2	144	5720	13.40	13.45	15.95	16.70	22.27		28.27		23.03		3.05	3.05
HT20	MCS0	2	144	5720	13.95	13.95	16.10	17.90	22.45		28.45		23.07		3.75	3.75
HT40	MCS0	2	142	5710	33.30	33.30	36.06	36.15	23.98		30.00		23.98		3.1	3.09
VHT80	MCS0	2	138	5690	73.40	73.40	76.02	75.96	23.98		30.00		23.98		2.92	3.08

TEST RESULTS DATA
Average Power Table

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	16.80	16.10	19.47	23.98		4.08		26.99	Pass
11a	6Mbps	2	116	5580	16.90	16.00	19.48	23.98		4.08		26.99	Pass
11a	6Mbps	2	140	5700	14.70	14.50	17.61	23.98		4.08		26.99	Pass
HT20	MCS0	2	100	5500	16.70	15.90	19.33	23.98		4.08		26.99	Pass
HT20	MCS0	2	116	5580	16.80	15.90	19.38	23.98		4.08		26.99	Pass
HT20	MCS0	2	140	5700	14.20	14.00	17.11	23.98		4.08		26.99	Pass
HT40	MCS0	2	102	5510	15.60	14.90	18.27	23.98		4.08		26.99	Pass
HT40	MCS0	2	110	5550	17.00	15.90	19.50	23.98		4.08		26.99	Pass
HT40	MCS0	2	134	5670	16.20	15.50	18.87	23.98		4.08		26.99	Pass
VHT20	MCS0	2	100	5500	16.60	15.80	19.23	23.98		4.08		26.99	Pass
VHT20	MCS0	2	116	5580	16.70	15.80	19.28	23.98		4.08		26.99	Pass
VHT20	MCS0	2	140	5700	14.10	13.90	17.01	23.98		4.08		26.99	Pass
VHT40	MCS0	2	102	5510	15.50	14.80	18.17	23.98		4.08		26.99	Pass
VHT40	MCS0	2	110	5550	16.90	15.80	19.40	23.98		4.08		26.99	Pass
VHT40	MCS0	2	134	5670	16.10	15.40	18.77	23.98		4.08		26.99	Pass
VHT80	MCS0	2	106	5530	14.30	13.70	17.02	23.98		4.08		26.99	Pass
VHT80	MCS0	2	122	5610	16.30	15.50	18.93	23.98		4.08		26.99	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	16.30	16.10	19.21	23.03		4.08		26.99	Pass
HT20	MCS0	2	144	5720	16.20	16.10	19.16	23.07		4.08		26.99	Pass
HT40	MCS0	2	142	5710	16.10	15.80	18.96	23.98		4.08		26.99	Pass
VHT20	MCS0	2	144	5720	16.10	16.00	19.06	23.98		4.08		26.99	Pass
VHT40	MCS0	2	142	5710	16.00	15.70	18.86	23.98		4.08		26.99	Pass
VHT80	MCS0	2	138	5690	15.70	15.20	18.47	23.98		4.08		26.99	Pass

Report Number : FR012305-01G

TEST RESULTS DATA
Power Spectral Density

Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500			9.64	10.31		6.69			Pass
11a	6Mbps	2	116	5580			9.76	10.31		6.69			Pass
11a	6Mbps	2	140	5700			7.86	10.31		6.69			Pass
HT20	MCS0	2	100	5500			9.42	10.31		6.69			Pass
HT20	MCS0	2	116	5580			9.51	10.31		6.69			Pass
HT20	MCS0	2	140	5700			7.06	10.31		6.69			Pass
HT40	MCS0	2	102	5510			6.57	10.31		6.69			Pass
HT40	MCS0	2	110	5550			7.80	10.31		6.69			Pass
HT40	MCS0	2	134	5670			6.99	10.31		6.69			Pass
VHT80	MCS0	2	106	5530			2.34	10.31		6.69			Pass
VHT80	MCS0	2	122	5610			4.18	10.31		6.69			Pass

Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720			9.46	10.31		6.69			Pass
HT20	MCS0	2	144	5720			9.05	10.31		6.69			Pass
HT40	MCS0	2	142	5710			7.15	10.31		6.69			Pass
VHT80	MCS0	2	138	5690			3.63	10.31		6.69			Pass

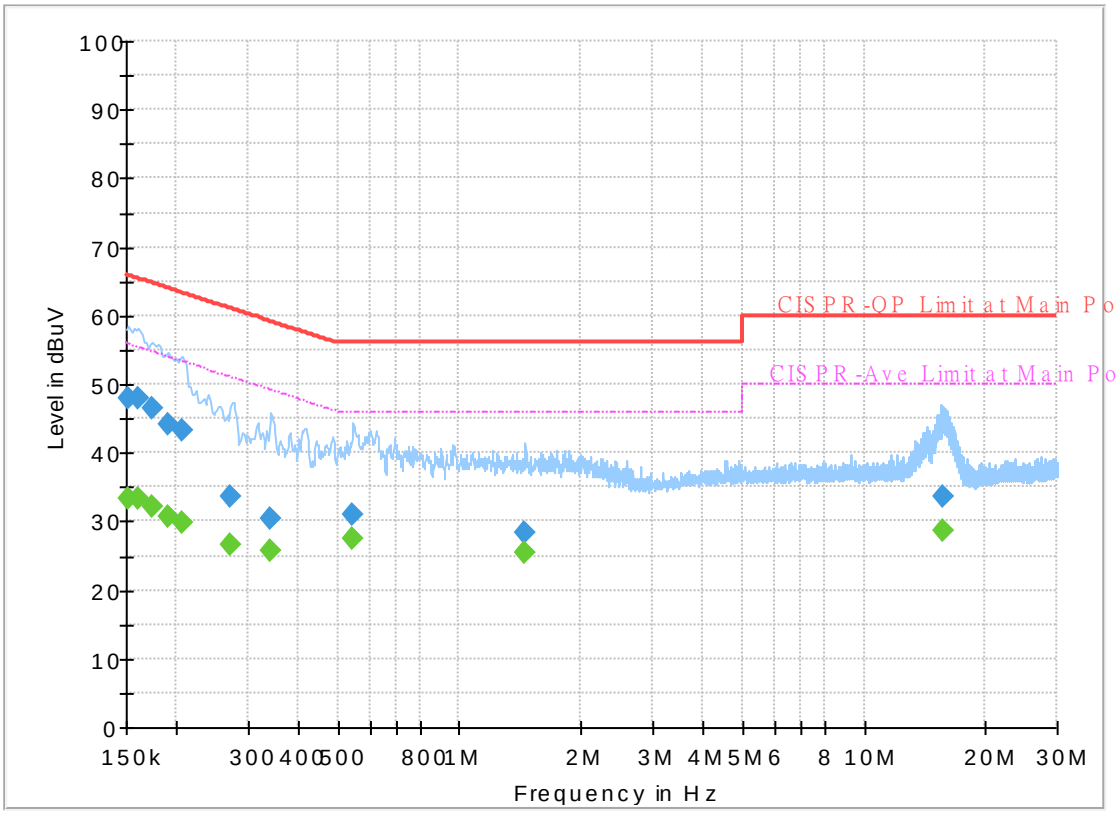
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	**Temperature :**	23~25℃
		Relative Humidity :	42~50%

EUT Information

Report NO :	012305-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



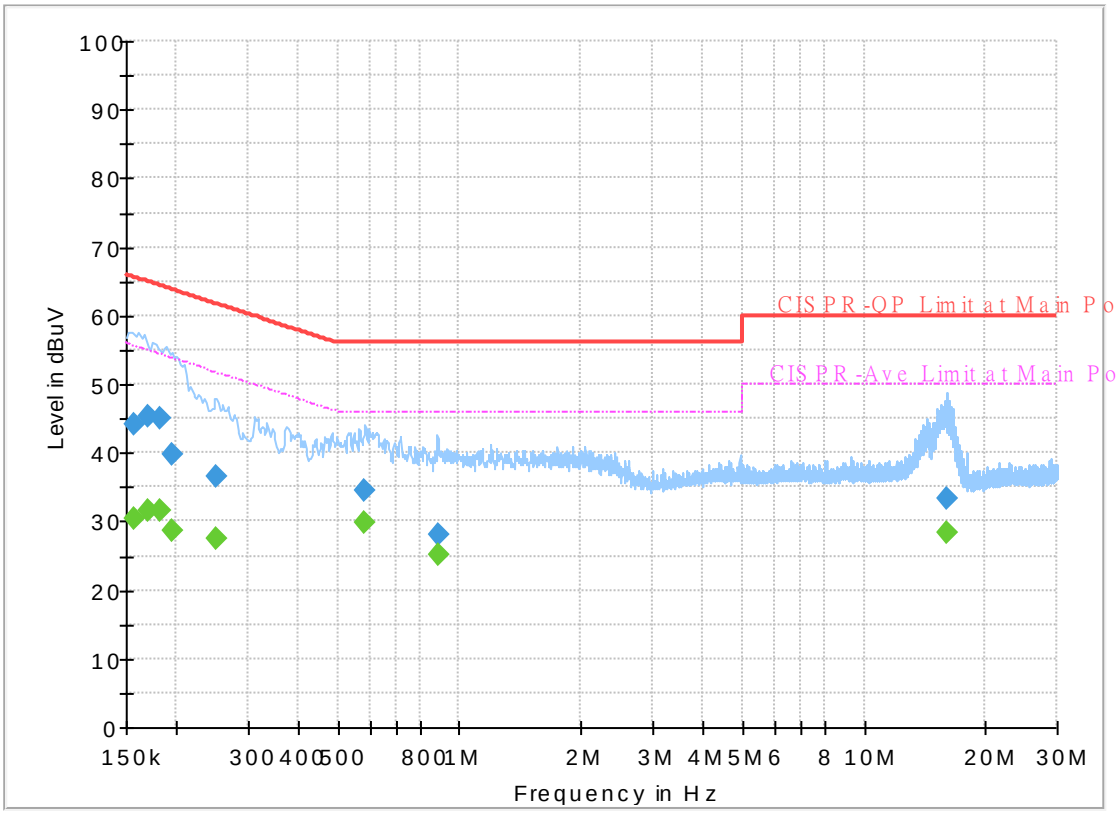
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.22	55.88	22.66	L1	OFF	19.6
0.152250	47.97	---	65.88	17.91	L1	OFF	19.6
0.161250	---	33.38	55.40	22.02	L1	OFF	19.6
0.161250	47.93	---	65.40	17.47	L1	OFF	19.6
0.173760	---	32.16	54.78	22.62	L1	OFF	19.6
0.173760	46.57	---	64.78	18.21	L1	OFF	19.6
0.191400	---	30.84	53.98	23.14	L1	OFF	19.6
0.191400	44.10	---	63.98	19.88	L1	OFF	19.6
0.206250	---	29.84	53.36	23.52	L1	OFF	19.6
0.206250	43.37	---	63.36	19.99	L1	OFF	19.6
0.271680	---	26.49	51.07	24.58	L1	OFF	19.6
0.271680	33.75	---	61.07	27.32	L1	OFF	19.6
0.341250	---	25.81	49.17	23.36	L1	OFF	19.6
0.341250	30.33	---	59.17	28.84	L1	OFF	19.6
0.546540	---	27.35	46.00	18.65	L1	OFF	19.6
0.546540	30.88	---	56.00	25.12	L1	OFF	19.6
1.453830	---	25.52	46.00	20.48	L1	OFF	19.6
1.453830	28.27	---	56.00	27.73	L1	OFF	19.6
15.754650	---	28.78	50.00	21.22	L1	OFF	20.2
15.754650	33.69	---	60.00	26.31	L1	OFF	20.2

EUT Information

Report NO :	012305-01
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	---	30.28	55.63	25.35	N	OFF	19.5
0.156750	44.20	---	65.63	21.43	N	OFF	19.5
0.170250	---	31.54	54.95	23.41	N	OFF	19.5
0.170250	45.31	---	64.95	19.64	N	OFF	19.5
0.181500	---	31.65	54.42	22.77	N	OFF	19.5
0.181500	45.18	---	64.42	19.24	N	OFF	19.5
0.195000	---	28.52	53.82	25.30	N	OFF	19.5
0.195000	39.73	---	63.82	24.09	N	OFF	19.5
0.251430	---	27.36	51.71	24.35	N	OFF	19.5
0.251430	36.66	---	61.71	25.05	N	OFF	19.5
0.582630	---	29.70	46.00	16.30	N	OFF	19.5
0.582630	34.49	---	56.00	21.51	N	OFF	19.5
0.885750	---	25.10	46.00	20.90	N	OFF	19.6
0.885750	28.09	---	56.00	27.91	N	OFF	19.6
16.026990	---	28.47	50.00	21.53	N	OFF	19.9
16.026990	33.26	---	60.00	26.74	N	OFF	19.9

Appendix C. Radiated Spurious Emission

Test Engineer :	Cookie Ku, Fu Chen and Troye Hsieh	Temperature :	19.1~26.3°C
		Relative Humidity :	50.2~69.1%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.24	64.03	-9.97	74	55.07	31.8	9.97	32.81	100	272	P	H
		5150	52.36	-1.64	54	43.4	31.8	9.97	32.81	100	272	A	H
	*	5180	111.42	-	-	102.58	31.62	10.01	32.79	100	272	P	H
	*	5180	104	-	-	95.16	31.62	10.01	32.79	100	272	A	H
		5149.76	61.38	-12.62	74	52.42	31.8	9.97	32.81	106	130	P	V
		5150	50.91	-3.09	54	41.95	31.8	9.97	32.81	106	130	A	V
	*	5180	111.92	-	-	103.08	31.62	10.01	32.79	106	130	P	V
	*	5180	104.53	-	-	95.69	31.62	10.01	32.79	106	130	A	V
802.11a CH 44 5220MHz		5124.8	52.56	-21.44	74	43.66	31.8	9.93	32.83	243	286	P	H
		5141.96	42.05	-11.95	54	33.11	31.8	9.96	32.82	243	286	A	H
	*	5220	110.81	-	-	102.06	31.46	10.06	32.77	243	286	P	H
	*	5220	102.94	-	-	94.19	31.46	10.06	32.77	243	286	A	H
		5360.4	50.4	-23.6	74	41.56	31.36	10.16	32.68	243	286	P	H
		5375.28	40.34	-13.66	54	31.39	31.45	10.17	32.67	243	286	A	H
		5110.76	50.87	-23.13	74	42	31.8	9.91	32.84	139	154	P	V
		5141.96	41.22	-12.78	54	32.28	31.8	9.96	32.82	139	154	A	V
	*	5220	110.52	-	-	101.77	31.46	10.06	32.77	139	154	P	V
	*	5220	103.08	-	-	94.33	31.46	10.06	32.77	139	154	A	V
		5354.4	49.39	-24.61	74	40.58	31.33	10.16	32.68	139	154	P	V
		5459.04	39.6	-14.4	54	30.25	31.74	10.23	32.62	139	154	A	V

802.11a CH 48 5240MHz		5143.52	51.31	-22.69	74	42.37	31.8	9.96	32.82	100	208	P	H
		5143.26	41.46	-12.54	54	32.52	31.8	9.96	32.82	100	208	A	H
	*	5240	112.98	-	-	104.25	31.42	10.07	32.76	100	208	P	H
	*	5240	105.42	-	-	96.69	31.42	10.07	32.76	100	208	A	H
		5373.84	50.87	-23.13	74	41.93	31.44	10.17	32.67	100	208	P	H
		5350.08	41.87	-12.13	54	33.11	31.3	10.15	32.69	100	208	A	H
		5140.66	51.13	-22.87	74	42.2	31.8	9.95	32.82	102	149	P	V
		5137.8	42.08	-11.92	54	33.15	31.8	9.95	32.82	102	149	A	V
	*	5240	111.66	-	-	102.93	31.42	10.07	32.76	102	149	P	V
	*	5240	104.19	-	-	95.46	31.42	10.07	32.76	102	149	A	V
		5394.24	49.56	-24.44	74	40.46	31.57	10.19	32.66	102	149	P	V
		5350.32	40.65	-13.35	54	31.89	31.3	10.15	32.69	102	149	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.76	-18.44	68.2	54.67	39.8	17.44	62.15	100	0	P	H
		15540	46.54	-27.46	74	47.72	37.84	21.62	60.64	100	0	P	H
		10360	49.6	-18.6	68.2	54.51	39.8	17.44	62.15	100	0	P	V
		15540	46.24	-27.76	74	47.42	37.84	21.62	60.64	100	0	P	V
802.11a CH 44 5220MHz		10440	49.42	-18.78	68.2	54.31	39.96	17.44	62.29	100	0	P	H
		15660	47.56	-26.44	74	48.98	37.42	21.6	60.44	100	0	P	H
		10440	49.4	-18.8	68.2	54.29	39.96	17.44	62.29	100	0	P	V
		15660	46.69	-27.31	74	48.11	37.42	21.6	60.44	100	0	P	V
802.11a CH 48 5240MHz		10480	49.44	-18.76	68.2	54.44	39.92	17.44	62.36	100	0	P	H
		15720	46.21	-27.79	74	47.71	37.28	21.57	60.35	100	0	P	H
		10480	49.62	-18.58	68.2	54.62	39.92	17.44	62.36	100	0	P	V
		15720	46.41	-27.59	74	47.91	37.28	21.57	60.35	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5148.46	55.72	-18.28	74	46.76	31.8	9.97	32.81	102	271	P	H
		5150	46.91	-7.09	54	37.95	31.8	9.97	32.81	102	271	A	H
	*	5180	111.17	-	-	102.33	31.62	10.01	32.79	102	271	P	H
	*	5180	103.67	-	-	94.83	31.62	10.01	32.79	102	271	A	H
		5146.64	55.59	-18.41	74	46.65	31.8	9.96	32.82	109	150	P	V
		5150	45.75	-8.25	54	36.79	31.8	9.97	32.81	109	150	A	V
	*	5180	110.33	-	-	101.49	31.62	10.01	32.79	109	150	P	V
	*	5180	103.02	-	-	94.18	31.62	10.01	32.79	109	150	A	V
802.11n HT20 CH 44 5220MHz		5144.3	51.46	-22.54	74	42.52	31.8	9.96	32.82	249	279	P	H
		5149.24	42.57	-11.43	54	33.61	31.8	9.97	32.81	249	279	A	H
	*	5220	110.97	-	-	102.22	31.46	10.06	32.77	249	279	P	H
	*	5220	103.46	-	-	94.71	31.46	10.06	32.77	249	279	A	H
		5354.4	50.97	-23.03	74	42.16	31.33	10.16	32.68	249	279	P	H
		5350.08	40.73	-13.27	54	31.97	31.3	10.15	32.69	249	279	A	H
		5085.02	51.32	-22.68	74	42.6	31.71	9.87	32.86	152	154	P	V
		5150	41.3	-12.7	54	32.34	31.8	9.97	32.81	152	154	A	V
	*	5220	109.75	-	-	101	31.46	10.06	32.77	152	154	P	V
	*	5220	102.24	-	-	93.49	31.46	10.06	32.77	152	154	A	V
		5454.48	50.05	-23.95	74	40.72	31.72	10.23	32.62	152	154	P	V
		5457.36	39.66	-14.34	54	30.32	31.73	10.23	32.62	152	154	A	V

802.11n HT20 CH 48 5240MHz		5141.44	51.22	-22.78	74	42.28	31.8	9.96	32.82	100	209	P	H
		5142.48	41.6	-12.4	54	32.66	31.8	9.96	32.82	100	209	A	H
	*	5240	112.43	-	-	103.7	31.42	10.07	32.76	100	209	P	H
	*	5240	104.94	-	-	96.21	31.42	10.07	32.76	100	209	A	H
		5359.92	51.15	-22.85	74	42.31	31.36	10.16	32.68	100	209	P	H
		5351.52	42.03	-11.97	54	33.26	31.31	10.15	32.69	100	209	A	H
		5072.02	51.04	-22.96	74	42.42	31.63	9.85	32.86	100	149	P	V
		5138.84	42.07	-11.93	54	33.14	31.8	9.95	32.82	100	149	A	V
	*	5240	111.51	-	-	102.78	31.42	10.07	32.76	100	149	P	V
	*	5240	103.93	-	-	95.2	31.42	10.07	32.76	100	149	A	V
		5454.72	50.59	-23.41	74	41.26	31.72	10.23	32.62	100	149	P	V
		5351.28	40.92	-13.08	54	32.15	31.31	10.15	32.69	100	149	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10360	49.99	-18.21	68.2	54.9	39.8	17.44	62.15	100	0	P	H
HT20		15540	46.15	-27.85	74	47.33	37.84	21.62	60.64	100	0	P	H
CH 36		10360	50	-18.2	68.2	54.91	39.8	17.44	62.15	100	0	P	V
5180MHz		15540	46.55	-27.45	74	47.73	37.84	21.62	60.64	100	0	P	V
802.11n		10440	48.76	-19.44	68.2	53.65	39.96	17.44	62.29	100	0	P	H
HT20		15660	46	-28	74	47.42	37.42	21.6	60.44	100	0	P	H
CH 44		10440	48.93	-19.27	68.2	53.82	39.96	17.44	62.29	100	0	P	V
5220MHz		15660	46.5	-27.5	74	47.92	37.42	21.6	60.44	100	0	P	V
802.11n		10480	50.97	-17.23	68.2	55.97	39.92	17.44	62.36	100	0	P	H
HT20		15720	47	-27	74	48.5	37.28	21.57	60.35	100	0	P	H
CH 48		10480	51.74	-16.46	68.2	56.74	39.92	17.44	62.36	100	0	P	V
5240MHz		15720	45.85	-28.15	74	47.35	37.28	21.57	60.35	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5146.12	57.02	-16.98	74	48.08	31.8	9.96	32.82	105	205	P	H
		5150	48.41	-5.59	54	39.45	31.8	9.97	32.81	105	205	A	H
	*	5190	109.02	-	-	100.22	31.56	10.03	32.79	105	205	P	H
	*	5190	101.09	-	-	92.29	31.56	10.03	32.79	105	205	A	H
		5424.72	48.94	-25.06	74	39.72	31.65	10.21	32.64	105	205	P	H
		5350.24	40.46	-13.54	54	31.7	31.3	10.15	32.69	105	205	A	H
		5147.16	55.76	-18.24	74	46.82	31.8	9.96	32.82	102	145	P	V
		5149.24	47.58	-6.42	54	38.62	31.8	9.97	32.81	102	145	A	V
	*	5190	108.31	-	-	99.51	31.56	10.03	32.79	102	145	P	V
	*	5190	100.67	-	-	91.87	31.56	10.03	32.79	102	145	A	V
		5409.88	49.13	-24.87	74	39.96	31.62	10.2	32.65	102	145	P	V
		5351.64	40.03	-13.97	54	31.25	31.31	10.15	32.68	102	145	A	V
802.11n HT40 CH 46 5230MHz		5143.82	53.54	-20.46	74	44.6	31.8	9.96	32.82	253	288	P	H
		5149.94	45.45	-8.55	54	36.49	31.8	9.97	32.81	253	288	A	H
	*	5230	107.62	-	-	98.88	31.44	10.06	32.76	253	288	P	H
	*	5230	100.08	-	-	91.34	31.44	10.06	32.76	253	288	A	H
		5395.44	51.17	-22.83	74	42.07	31.57	10.19	32.66	253	288	P	H
		5350.32	41.03	-12.97	54	32.27	31.3	10.15	32.69	253	288	A	H
		5109.48	50.58	-23.42	74	41.71	31.8	9.91	32.84	150	150	P	V
		5149.94	42.43	-11.57	54	33.47	31.8	9.97	32.81	150	150	A	V
	*	5230	106.82	-	-	98.08	31.44	10.06	32.76	150	150	P	V
	*	5230	98.97	-	-	90.23	31.44	10.06	32.76	150	150	A	V
		5446.32	49.71	-24.29	74	40.42	31.69	10.22	32.62	150	150	P	V
		5351.04	40.05	-13.95	54	31.28	31.31	10.15	32.69	150	150	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10380	48.88	-19.32	68.2	53.72	39.9	17.44	62.18	100	0	P	H
HT40		15570	46.97	-27.03	74	48.22	37.72	21.62	60.59	100	0	P	H
CH 38		10380	48.31	-19.89	68.2	53.15	39.9	17.44	62.18	100	0	P	V
5190MHz		15570	46.32	-27.68	74	47.57	37.72	21.62	60.59	100	0	P	V
802.11n		10460	47.38	-20.82	68.2	52.33	39.94	17.44	62.33	100	0	P	H
HT40		15690	45.13	-28.87	74	46.61	37.33	21.59	60.4	100	0	P	H
CH 46		10460	48.12	-20.08	68.2	53.07	39.94	17.44	62.33	100	0	P	V
5230MHz		15690	45.51	-28.49	74	46.99	37.33	21.59	60.4	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5149.24	59.11	-14.89	74	50.15	31.8	9.97	32.81	100	208	P	H
		5150	49.81	-4.19	54	40.85	31.8	9.97	32.81	100	208	A	H
	*	5210	103.97	-	-	95.22	31.48	10.05	32.78	100	208	P	H
	*	5210	96.1	-	-	87.35	31.48	10.05	32.78	100	208	A	H
		5353.66	53.71	-20.29	74	44.91	31.32	10.16	32.68	100	208	P	H
		5350.28	44.52	-9.48	54	35.76	31.3	10.15	32.69	100	208	A	H
		5149.24	59.47	-14.53	74	50.51	31.8	9.97	32.81	100	146	P	V
		5150	51.18	-2.82	54	42.22	31.8	9.97	32.81	100	146	A	V
	*	5210	105.23	-	-	96.48	31.48	10.05	32.78	100	146	P	V
	*	5210	97.69	-	-	88.94	31.48	10.05	32.78	100	146	A	V
		5353.14	51.67	-22.33	74	42.88	31.32	10.15	32.68	100	146	P	V
		5350.28	42.6	-11.4	54	33.84	31.3	10.15	32.69	100	146	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	47.94	-20.26	68.2	52.78	39.98	17.44	62.26	100	0	P	H
VHT80		15630	45.95	-28.05	74	47.33	37.51	21.6	60.49	100	0	P	H
CH 42		10420	47.46	-20.74	68.2	52.3	39.98	17.44	62.26	100	0	P	V
5210MHz		15630	46.5	-27.5	74	47.88	37.51	21.6	60.49	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 Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5140.42	51.29	-22.71	74	42.36	31.8	9.95	32.82	117	210	P	H
		5149.94	41.07	-12.93	54	32.11	31.8	9.97	32.81	117	210	A	H
	*	5260	111.95	-	-	103.2	31.4	10.09	32.74	117	210	P	H
	*	5260	104.94	-	-	96.19	31.4	10.09	32.74	117	210	A	H
		5369.04	51.13	-22.87	74	42.22	31.41	10.17	32.67	117	210	P	H
		5361.12	41.66	-12.34	54	32.81	31.37	10.16	32.68	117	210	A	H
		5137.36	50.89	-23.11	74	41.96	31.8	9.95	32.82	100	149	P	V
		5149.94	41.79	-12.21	54	32.83	31.8	9.97	32.81	100	149	A	V
	*	5260	112.19	-	-	103.44	31.4	10.09	32.74	100	149	P	V
	*	5260	103.88	-	-	95.13	31.4	10.09	32.74	100	149	A	V
		5357.52	51.19	-22.81	74	42.36	31.35	10.16	32.68	100	149	P	V
		5358.48	41.27	-12.73	54	32.44	31.35	10.16	32.68	100	149	A	V
802.11a CH 60 5300MHz		5082.96	50.86	-23.14	74	42.15	31.7	9.87	32.86	100	205	P	H
		5148.58	40.94	-13.06	54	31.98	31.8	9.97	32.81	100	205	A	H
	*	5300	114.15	-	-	105.36	31.4	10.11	32.72	100	205	P	H
	*	5300	106.59	-	-	97.8	31.4	10.11	32.72	100	205	A	H
		5355.12	52.72	-21.28	74	43.91	31.33	10.16	32.68	100	205	P	H
		5350.32	44.06	-9.94	54	35.3	31.3	10.15	32.69	100	205	A	H
		5080.58	50.17	-23.83	74	41.48	31.68	9.87	32.86	100	144	P	V
		5142.46	41.2	-12.8	54	32.26	31.8	9.96	32.82	100	144	A	V
	*	5300	110.71	-	-	101.92	31.4	10.11	32.72	100	144	P	V
	*	5300	102.58	-	-	93.79	31.4	10.11	32.72	100	144	A	V
		5353.2	52.05	-21.95	74	43.26	31.32	10.15	32.68	100	144	P	V
		5351.04	43.11	-10.89	54	34.34	31.31	10.15	32.69	100	144	A	V

802.11a CH 64 5320MHz	*	5320	111.33	-	-	102.55	31.36	10.13	32.71	103	227	P	H
	*	5320	104.16	-	-	95.38	31.36	10.13	32.71	103	227	A	H
		5350.08	57.91	-16.09	74	49.15	31.3	10.15	32.69	103	227	P	H
		5350.08	47.69	-6.31	54	38.93	31.3	10.15	32.69	103	227	A	H
	*	5320	113	-	-	104.22	31.36	10.13	32.71	107	133	P	V
	*	5320	105.76	-	-	96.98	31.36	10.13	32.71	107	133	A	V
		5350.24	57.68	-16.32	74	48.92	31.3	10.15	32.69	107	133	P	V
		5350.08	49.41	-4.59	54	40.65	31.3	10.15	32.69	107	133	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.22	-20.98	68.2	52.27	39.9	17.46	62.41	100	0	P	H
		15780	45.97	-28.03	74	47.44	37.22	21.56	60.25	100	0	P	H
		10520	46.92	-21.28	68.2	51.97	39.9	17.46	62.41	100	0	P	V
		15780	45.7	-28.3	74	47.17	37.22	21.56	60.25	100	0	P	V
802.11a CH 60 5300MHz		10600	49.45	-24.55	74	54.53	39.9	17.46	62.44	100	0	P	H
		15900	46.31	-27.69	74	47.94	36.9	21.53	60.06	100	0	P	H
		10600	49.15	-24.85	74	54.23	39.9	17.46	62.44	100	0	P	V
		15900	45.22	-28.78	74	46.85	36.9	21.53	60.06	100	0	P	V
802.11a CH 64 5320MHz		10640	46.76	-27.24	74	51.94	39.82	17.46	62.46	100	0	P	H
		15960	44.61	-29.39	74	46.28	36.78	21.51	59.96	100	0	P	H
		10640	46.61	-27.39	74	51.79	39.82	17.46	62.46	100	0	P	V
		15960	44.54	-29.46	74	46.21	36.78	21.51	59.96	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5107.1	51.05	-22.95	74	42.18	31.8	9.91	32.84	100	206	P	H
		5148.92	40.98	-13.02	54	32.02	31.8	9.97	32.81	100	206	A	H
	*	5260	112.42	-	-	103.67	31.4	10.09	32.74	100	206	P	H
	*	5260	105.02	-	-	96.27	31.4	10.09	32.74	100	206	A	H
		5359.68	50.72	-23.28	74	41.88	31.36	10.16	32.68	100	206	P	H
		5361.84	41.73	-12.27	54	32.88	31.37	10.16	32.68	100	206	A	H
		5137.02	50.29	-23.71	74	41.36	31.8	9.95	32.82	100	144	P	V
		5149.94	41.34	-12.66	54	32.38	31.8	9.97	32.81	100	144	A	V
	*	5260	110.16	-	-	101.41	31.4	10.09	32.74	100	144	P	V
	*	5260	102.94	-	-	94.19	31.4	10.09	32.74	100	144	A	V
		5361.84	50.31	-23.69	74	41.46	31.37	10.16	32.68	100	144	P	V
		5359.44	41.02	-12.98	54	32.18	31.36	10.16	32.68	100	144	A	V
802.11n HT20 CH 60 5300MHz		5078.54	50	-24	74	41.33	31.67	9.86	32.86	100	203	P	H
		5148.92	40.66	-13.34	54	31.7	31.8	9.97	32.81	100	203	A	H
	*	5300	112.84	-	-	104.05	31.4	10.11	32.72	100	203	P	H
	*	5300	105.63	-	-	96.84	31.4	10.11	32.72	100	203	A	H
		5354.88	51.95	-22.05	74	43.14	31.33	10.16	32.68	100	203	P	H
		5350.8	43.02	-10.98	54	34.26	31.3	10.15	32.69	100	203	A	H
		5095.88	50.78	-23.22	74	41.96	31.78	9.89	32.85	107	145	P	V
		5144.84	40.95	-13.05	54	32.01	31.8	9.96	32.82	107	145	A	V
	*	5300	110.12	-	-	101.33	31.4	10.11	32.72	107	145	P	V
	*	5300	102.48	-	-	93.69	31.4	10.11	32.72	107	145	A	V
		5352	52.66	-21.34	74	43.88	31.31	10.15	32.68	107	145	P	V
		5350.8	42.38	-11.62	54	33.62	31.3	10.15	32.69	107	145	A	V

802.11n HT20 CH 64 5320MHz	*	5320	114.13	-	-	105.35	31.36	10.13	32.71	105	208	P	H
	*	5320	106.67	-	-	97.89	31.36	10.13	32.71	105	208	A	H
		5353.28	59.91	-14.09	74	51.12	31.32	10.15	32.68	105	208	P	H
		5350.08	52.3	-1.7	54	43.54	31.3	10.15	32.69	105	208	A	H
	*	5320	110.79	-	-	102.01	31.36	10.13	32.71	104	145	P	V
	*	5320	103.6	-	-	94.82	31.36	10.13	32.71	104	145	A	V
		5351.52	56.65	-17.35	74	47.88	31.31	10.15	32.69	104	145	P	V
		5350.08	47.33	-6.67	54	38.57	31.3	10.15	32.69	104	145	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10520	47.9	-20.3	68.2	52.95	39.9	17.46	62.41	100	0	P	H
HT20		15780	45.59	-28.41	74	47.06	37.22	21.56	60.25	100	0	P	H
CH 52		10520	47.02	-21.18	68.2	52.07	39.9	17.46	62.41	100	0	P	V
5260MHz		15780	46.31	-27.69	74	47.78	37.22	21.56	60.25	100	0	P	V
802.11n		10600	46.18	-27.82	74	51.26	39.9	17.46	62.44	100	0	P	H
HT20		15900	44.76	-29.24	74	46.39	36.9	21.53	60.06	100	0	P	H
CH 60		10600	46.23	-27.77	74	51.31	39.9	17.46	62.44	100	0	P	V
5300MHz		15900	44.16	-29.84	74	45.79	36.9	21.53	60.06	100	0	P	V
802.11n		10640	46.34	-27.66	74	51.52	39.82	17.46	62.46	100	0	P	H
HT20		15960	45.22	-28.78	74	46.89	36.78	21.51	59.96	100	0	P	H
CH 64		10640	45.54	-28.46	74	50.72	39.82	17.46	62.46	100	0	P	V
5320MHz		15960	44.68	-29.32	74	46.35	36.78	21.51	59.96	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5147.9	50.39	-23.61	74	41.45	31.8	9.96	32.82	100	211	P	H
		5149.94	40.76	-13.24	54	31.8	31.8	9.97	32.81	100	211	A	H
	*	5270	109.75	-	-	101	31.4	10.09	32.74	100	211	P	H
	*	5270	101.97	-	-	93.22	31.4	10.09	32.74	100	211	A	H
		5352.48	52.99	-21.01	74	44.21	31.31	10.15	32.68	100	211	P	H
		5350.08	43.77	-10.23	54	35.01	31.3	10.15	32.69	100	211	A	H
		5141.78	50.51	-23.49	74	41.57	31.8	9.96	32.82	100	145	P	V
		5149.94	41.11	-12.89	54	32.15	31.8	9.97	32.81	100	145	A	V
	*	5270	107.13	-	-	98.38	31.4	10.09	32.74	100	145	P	V
	*	5270	99.85	-	-	91.1	31.4	10.09	32.74	100	145	A	V
		5350.08	51.08	-22.92	74	42.32	31.3	10.15	32.69	100	145	P	V
		5350.08	42.2	-11.8	54	33.44	31.3	10.15	32.69	100	145	A	V
802.11n HT40 CH 62 5310MHz		5110.84	50.18	-23.82	74	41.31	31.8	9.91	32.84	100	226	P	H
		5146.54	40.68	-13.32	54	31.74	31.8	9.96	32.82	100	226	A	H
	*	5310	107.79	-	-	99	31.38	10.12	32.71	100	226	P	H
	*	5310	100.35	-	-	91.56	31.38	10.12	32.71	100	226	A	H
		5353.2	59.52	-14.48	74	50.73	31.32	10.15	32.68	100	226	P	H
		5350.08	50.48	-3.52	54	41.72	31.3	10.15	32.69	100	226	A	H
		5051.68	50.03	-23.97	74	41.58	31.51	9.82	32.88	100	129	P	V
		5149.94	41.01	-12.99	54	32.05	31.8	9.97	32.81	100	129	A	V
	*	5310	109.32	-	-	100.53	31.38	10.12	32.71	100	129	P	V
	*	5310	101.89	-	-	93.1	31.38	10.12	32.71	100	129	A	V
		5351.28	59.62	-14.38	74	50.85	31.31	10.15	32.69	100	129	P	V
		5350.08	51.61	-2.39	54	42.85	31.3	10.15	32.69	100	129	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	46.54	-21.66	68.2	51.6	39.9	17.46	62.42	100	0	P	H
HT40		15810	44.77	-29.23	74	46.25	37.17	21.55	60.2	100	0	P	H
CH 54		10540	46.18	-22.02	68.2	51.24	39.9	17.46	62.42	100	0	P	V
5270MHz		15810	45.14	-28.86	74	46.62	37.17	21.55	60.2	100	0	P	V
802.11n		10620	46.2	-27.8	74	51.33	39.86	17.46	62.45	100	0	P	H
HT40		15930	45.21	-28.79	74	46.86	36.84	21.52	60.01	100	0	P	H
CH 62		10620	45.98	-28.02	74	51.11	39.86	17.46	62.45	100	0	P	V
5310MHz		15930	45.21	-28.79	74	46.86	36.84	21.52	60.01	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5141.6	51.29	-22.71	74	42.35	31.8	9.96	32.82	102	206	P	H
		5149.7	40.78	-13.22	54	31.82	31.8	9.97	32.81	102	206	A	H
	*	5290	105.68	-	-	96.89	31.4	10.11	32.72	102	206	P	H
	*	5290	97.41	-	-	88.62	31.4	10.11	32.72	102	206	A	H
		5350.08	63.04	-10.96	74	54.28	31.3	10.15	32.69	102	206	P	H
		5350.08	52.4	-1.6	54	43.64	31.3	10.15	32.69	102	206	A	H
		5144.3	51.09	-22.91	74	42.15	31.8	9.96	32.82	100	148	P	V
		5150	41.22	-12.78	54	32.26	31.8	9.97	32.81	100	148	A	V
	*	5290	101.89	-	-	93.1	31.4	10.11	32.72	100	148	P	V
	*	5290	94.56	-	-	85.77	31.4	10.11	32.72	100	148	A	V
		5357.04	60.03	-13.97	74	51.21	31.34	10.16	32.68	100	148	P	V
		5350.08	49.56	-4.44	54	40.8	31.3	10.15	32.69	100	148	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	46.72	-21.48	68.2	51.79	39.9	17.46	62.43	100	0	P	H
VHT80		15870	46.39	-27.61	74	47.97	36.99	21.54	60.11	100	0	P	H
CH 58		10580	46.69	-21.51	68.2	51.76	39.9	17.46	62.43	100	0	P	V
5290MHz		15870	45.55	-28.45	74	47.13	36.99	21.54	60.11	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 Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5448.4	55.06	-18.94	74	45.75	31.7	10.23	32.62	100	225	P	H
		5470	60.03	-8.17	68.2	50.62	31.78	10.24	32.61	100	225	P	H
		5459.92	44.76	-9.24	54	35.41	31.74	10.23	32.62	100	225	A	H
	*	5500	112.85	-	-	103.28	31.9	10.26	32.59	100	225	P	H
	*	5500	105.39	-	-	95.82	31.9	10.26	32.59	100	225	A	H
		5457.2	54.56	-19.44	74	45.22	31.73	10.23	32.62	100	139	P	V
		5468.08	62.13	-6.07	68.2	52.73	31.77	10.24	32.61	100	139	P	V
		5460	44.88	-9.12	54	35.53	31.74	10.23	32.62	100	139	A	V
	*	5500	113.79	-	-	104.22	31.9	10.26	32.59	100	139	P	V
	*	5500	106.14	-	-	96.57	31.9	10.26	32.59	100	139	A	V
802.11a CH 116 5580MHz		5456.08	51.77	-22.23	74	42.44	31.72	10.23	32.62	100	287	P	H
		5468.8	52.25	-15.95	68.2	42.84	31.78	10.24	32.61	100	287	P	H
		5459.92	41.5	-12.5	54	32.15	31.74	10.23	32.62	100	287	A	H
	*	5580	113.87	-	-	104.26	31.86	10.32	32.57	100	287	P	H
	*	5580	106.47	-	-	96.86	31.86	10.32	32.57	100	287	A	H
		5740.745	52.9	-15.3	68.2	42.75	32.18	10.49	32.52	100	287	P	H
		5442.88	50.73	-23.27	74	41.45	31.69	10.22	32.63	100	115	P	V
		5464.72	50.62	-17.58	68.2	41.23	31.76	10.24	32.61	100	115	P	V
		5459.44	41.39	-12.61	54	32.04	31.74	10.23	32.62	100	115	A	V
	*	5580	110.15	-	-	100.54	31.86	10.32	32.57	100	115	P	V
	*	5580	102.78	-	-	93.17	31.86	10.32	32.57	100	115	A	V
		5763.425	51.64	-16.56	68.2	41.41	32.23	10.52	32.52	100	115	P	V

802.11a CH 140 5700MHz	*	5700	111.79	-	-	101.77	32.1	10.45	32.53	103	307	P	H
	*	5700	104.39	-	-	94.37	32.1	10.45	32.53	103	307	A	H
		5726.2	64.89	-3.31	68.2	54.79	32.15	10.48	32.53	103	307	P	H
	*	5700	109.79	-	-	99.77	32.1	10.45	32.53	102	112	P	V
	*	5700	102.28	-	-	92.26	32.1	10.45	32.53	102	112	A	V
		5725	64.53	-3.67	68.2	54.43	32.15	10.48	32.53	102	112	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.82	-26.18	74	52.94	40	17.48	62.6	100	0	P	H
		16500	47.16	-21.04	68.2	45.95	38.4	22.01	59.2	100	0	P	H
		11000	47.8	-26.2	74	52.92	40	17.48	62.6	100	0	P	V
		16500	46.88	-21.32	68.2	45.67	38.4	22.01	59.2	100	0	P	V
802.11a CH 116 5580MHz		11160	49.85	-24.15	74	55.21	39.48	17.66	62.5	100	0	P	H
		16740	48.25	-19.95	68.2	45.67	39.38	22.26	59.06	100	0	P	H
		11160	49.87	-24.13	74	55.23	39.48	17.66	62.5	100	0	P	V
		16740	48.19	-20.01	68.2	45.61	39.38	22.26	59.06	100	0	P	V
802.11a CH 140 5700MHz		11400	48.83	-25.17	74	53.56	39.7	17.93	62.36	100	0	P	H
		17100	49.04	-19.16	68.2	45.39	39.7	22.67	58.72	100	0	P	H
		11400	48.45	-25.55	74	53.18	39.7	17.93	62.36	100	0	P	V
		17100	47.89	-20.31	68.2	44.24	39.7	22.67	58.72	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5459.92	55.42	-18.58	74	46.07	31.74	10.23	32.62	100	225	P	H
		5469.68	62.77	-5.43	68.2	53.36	31.78	10.24	32.61	100	225	P	H
		5460	45.3	-8.7	54	35.95	31.74	10.23	32.62	100	225	A	H
	*	5500	112.39	-	-	102.82	31.9	10.26	32.59	100	225	P	H
	*	5500	105	-	-	95.43	31.9	10.26	32.59	100	225	A	H
		5459.92	57.04	-16.96	74	47.69	31.74	10.23	32.62	100	137	P	V
		5468.24	65.11	-3.09	68.2	55.71	31.77	10.24	32.61	100	137	P	V
		5460	45.05	-8.95	54	35.7	31.74	10.23	32.62	100	137	A	V
	*	5500	113.09	-	-	103.52	31.9	10.26	32.59	100	137	P	V
	*	5500	105.65	-	-	96.08	31.9	10.26	32.59	100	137	A	V
802.11n HT20 CH 116 5580MHz		5430.64	50.68	-23.32	74	41.44	31.66	10.21	32.63	100	222	P	H
		5463.04	51.45	-16.75	68.2	42.07	31.75	10.24	32.61	100	222	P	H
		5459.92	42	-12	54	32.65	31.74	10.23	32.62	100	222	A	H
	*	5580	113.14	-	-	103.53	31.86	10.32	32.57	100	222	P	H
	*	5580	105.62	-	-	96.01	31.86	10.32	32.57	100	222	A	H
		5737.91	52.3	-15.9	68.2	42.15	32.18	10.49	32.52	100	222	P	H
		5446	51.47	-22.53	74	42.18	31.69	10.22	32.62	100	137	P	V
		5460.16	51.3	-16.9	68.2	41.94	31.74	10.24	32.62	100	137	P	V
		5459.92	41.8	-12.2	54	32.45	31.74	10.23	32.62	100	137	A	V
	*	5580	113.24	-	-	103.63	31.86	10.32	32.57	100	137	P	V
	*	5580	105.92	-	-	96.31	31.86	10.32	32.57	100	137	A	V
		5742.32	50.77	-17.43	68.2	40.61	32.18	10.5	32.52	100	137	P	V

802.11n HT20 CH 140 5700MHz	*	5700	110.99	-	-	100.97	32.1	10.45	32.53	100	302	P	H
	*	5700	103.83	-	-	93.81	32.1	10.45	32.53	100	302	A	H
		5725	65.91	-2.29	68.2	55.81	32.15	10.48	32.53	100	302	P	H
	*	5700	111.08	-	-	101.06	32.1	10.45	32.53	104	143	P	V
	*	5700	103.63	-	-	93.61	32.1	10.45	32.53	104	143	A	V
		5725.08	66.21	-1.99	68.2	56.11	32.15	10.48	32.53	104	143	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	47.92	-26.08	74	53.04	40	17.48	62.6	100	0	P	H
		16500	47.59	-20.61	68.2	46.38	38.4	22.01	59.2	100	0	P	H
		11000	47.93	-26.07	74	53.05	40	17.48	62.6	100	0	P	V
		16500	46.85	-21.35	68.2	45.64	38.4	22.01	59.2	100	0	P	V
802.11n HT20 CH 116 5580MHz		11160	49.76	-24.24	74	55.12	39.48	17.66	62.5	100	0	P	H
		16740	48.86	-19.34	68.2	46.28	39.38	22.26	59.06	100	0	P	H
		11160	49.39	-24.61	74	54.75	39.48	17.66	62.5	100	0	P	V
		16740	48.55	-19.65	68.2	45.97	39.38	22.26	59.06	100	0	P	V
802.11n HT20 CH 140 5700MHz		11400	48.02	-25.98	74	52.75	39.7	17.93	62.36	100	0	P	H
		17100	47.97	-20.23	68.2	44.32	39.7	22.67	58.72	100	0	P	H
		11400	48.5	-25.5	74	53.23	39.7	17.93	62.36	100	0	P	V
		17100	47.45	-20.75	68.2	43.8	39.7	22.67	58.72	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5457.76	58.08	-15.92	74	48.74	31.73	10.23	32.62	103	221	P	H
		5467.6	64.47	-3.73	68.2	55.07	31.77	10.24	32.61	103	221	P	H
		5459.92	48.04	-5.96	54	38.69	31.74	10.23	32.62	103	221	A	H
	*	5510	110.82	-	-	101.26	31.88	10.27	32.59	103	221	P	H
	*	5510	102.82	-	-	93.26	31.88	10.27	32.59	103	221	A	H
		5748.935	52.09	-16.11	68.2	41.91	32.2	10.5	32.52	103	221	P	H
		5459.92	58.47	-15.53	74	49.12	31.74	10.23	32.62	100	133	P	V
		5469.76	63.09	-5.11	68.2	53.68	31.78	10.24	32.61	100	133	P	V
		5459.92	48.09	-5.91	54	38.74	31.74	10.23	32.62	100	133	A	V
	*	5510	112.58	-	-	103.02	31.88	10.27	32.59	100	133	P	V
	*	5510	103.15	-	-	93.59	31.88	10.27	32.59	100	133	A	V
		5738.225	51.67	-16.53	68.2	41.52	32.18	10.49	32.52	100	133	P	V
802.11n HT40 CH 110 5550MHz		5448.64	55.14	-18.86	74	45.83	31.7	10.23	32.62	100	228	P	H
		5464.24	54.85	-13.35	68.2	45.46	31.76	10.24	32.61	100	228	P	H
		5459.92	43.37	-10.63	54	34.02	31.74	10.23	32.62	100	228	A	H
	*	5550	110.74	-	-	101.22	31.8	10.3	32.58	100	228	P	H
	*	5550	102.99	-	-	93.47	31.8	10.3	32.58	100	228	A	H
		5748.62	51.69	-16.51	68.2	41.51	32.2	10.5	32.52	100	228	P	H
		5455.6	54.16	-19.84	74	44.83	31.72	10.23	32.62	103	137	P	V
		5461.84	54.56	-13.64	68.2	45.18	31.75	10.24	32.61	103	137	P	V
		5459.92	43.54	-10.46	54	34.19	31.74	10.23	32.62	103	137	A	V
	*	5550	111.36	-	-	101.84	31.8	10.3	32.58	103	137	P	V
	*	5550	103.64	-	-	94.12	31.8	10.3	32.58	103	137	A	V
		5762.48	51.69	-16.51	68.2	41.47	32.22	10.52	32.52	103	137	P	V

802.11n HT40 CH 134 5670MHz		5424.2	51.29	-22.71	74	42.07	31.65	10.21	32.64	100	210	P	H
		5464.8	51.31	-16.89	68.2	41.92	31.76	10.24	32.61	100	210	P	H
		5459.9	40.69	-13.31	54	31.34	31.74	10.23	32.62	100	210	A	H
	*	5670	109.68	-	-	99.88	31.92	10.42	32.54	100	210	P	H
	*	5670	101.48	-	-	91.68	31.92	10.42	32.54	100	210	A	H
		5725.275	64.56	-3.64	68.2	54.46	32.15	10.48	32.53	100	210	P	H
		5446.6	49.98	-24.02	74	40.69	31.69	10.22	32.62	100	113	P	V
		5465.85	52.3	-15.9	68.2	42.91	31.76	10.24	32.61	100	113	P	V
		5459.9	40.25	-13.75	54	30.9	31.74	10.23	32.62	100	113	A	V
	*	5670	108.65	-	-	98.85	31.92	10.42	32.54	100	113	P	V
	*	5670	100.69	-	-	90.89	31.92	10.42	32.54	100	113	A	V
		5728.075	65.23	-2.97	68.2	55.12	32.16	10.48	32.53	100	113	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	47.19	-26.81	74	52.36	39.92	17.5	62.59	100	0	P	H
HT40		16530	46.42	-21.78	68.2	45.04	38.52	22.04	59.18	100	0	P	H
CH 102		11020	47.43	-26.57	74	52.6	39.92	17.5	62.59	100	0	P	V
5510MHz		16530	47.74	-20.46	68.2	46.36	38.52	22.04	59.18	100	0	P	V
802.11n		11100	47.1	-26.9	74	52.45	39.6	17.59	62.54	100	0	P	H
HT40		16650	46.5	-21.7	68.2	44.5	38.95	22.16	59.11	100	0	P	H
CH 110		11100	47.41	-26.59	74	52.76	39.6	17.59	62.54	100	0	P	V
5550MHz		16650	46.53	-21.67	68.2	44.53	38.95	22.16	59.11	100	0	P	V
802.11n		11340	47.49	-26.51	74	52.51	39.52	17.86	62.4	100	0	P	H
HT40		17010	47.99	-20.21	68.2	44.63	39.7	22.54	58.88	100	0	P	H
CH 134		11340	47.92	-26.08	74	52.94	39.52	17.86	62.4	100	0	P	V
5670MHz		17010	48.46	-19.74	68.2	45.1	39.7	22.54	58.88	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5458	63.53	-10.47	74	54.19	31.73	10.23	32.62	100	222	P	H
		5469.04	64.41	-3.79	68.2	55	31.78	10.24	32.61	100	222	P	H
		5457.76	53	-1	54	43.66	31.73	10.23	32.62	100	222	A	H
	*	5530	106.24	-	-	96.69	31.84	10.29	32.58	100	222	P	H
	*	5530	97.76	-	-	88.21	31.84	10.29	32.58	100	222	A	H
		5739.485	51.51	-16.69	68.2	41.36	32.18	10.49	32.52	100	222	P	H
		5456.56	63.24	-10.76	74	53.9	31.73	10.23	32.62	100	135	P	V
		5467.84	64.79	-3.41	68.2	55.39	31.77	10.24	32.61	100	135	P	V
		5457.76	53	-1	54	43.66	31.73	10.23	32.62	100	135	A	V
	*	5530	106.24	-	-	96.69	31.84	10.29	32.58	100	135	P	V
	*	5530	98.21	-	-	88.66	31.84	10.29	32.58	100	135	A	V
		5754.605	51.8	-16.4	68.2	41.6	32.21	10.51	32.52	100	135	P	V
802.11ac VHT80 CH 122 5610MHz		5455.7	55.06	-18.94	74	45.73	31.72	10.23	32.62	100	228	P	H
		5470	56.86	-11.34	68.2	47.45	31.78	10.24	32.61	100	228	P	H
		5459.9	43.75	-10.25	54	34.4	31.74	10.23	32.62	100	228	A	H
	*	5610	108.09	-	-	98.42	31.88	10.35	32.56	100	228	P	H
	*	5610	100.01	-	-	90.34	31.88	10.35	32.56	100	228	A	H
		5726.85	57.82	-10.38	68.2	47.72	32.15	10.48	32.53	100	228	P	H
		5459.2	55.49	-18.51	74	46.14	31.74	10.23	32.62	100	134	P	V
		5465.15	57.73	-10.47	68.2	48.34	31.76	10.24	32.61	100	134	P	V
		5459.9	44.59	-9.41	54	35.24	31.74	10.23	32.62	100	134	A	V
	*	5610	107.91	-	-	98.24	31.88	10.35	32.56	100	134	P	V
	*	5610	99.71	-	-	90.04	31.88	10.35	32.56	100	134	A	V
		5728.6	57.98	-10.22	68.2	47.87	32.16	10.48	32.53	100	134	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	48.68	-25.32	74	53.93	39.76	17.55	62.56	100	0	P	H
VHT80		16590	48.01	-20.19	68.2	46.3	38.76	22.1	59.15	100	0	P	H
CH 106		11060	47.54	-26.46	74	52.79	39.76	17.55	62.56	100	0	P	V
5530MHz		16590	47.64	-20.56	68.2	45.93	38.76	22.1	59.15	100	0	P	V
802.11ac		11220	48.54	-25.46	74	53.88	39.4	17.73	62.47	100	0	P	H
VHT80		16830	48.44	-19.76	68.2	45.27	39.83	22.34	59	100	0	P	H
CH 122		11220	48.68	-25.32	74	54.02	39.4	17.73	62.47	100	0	P	V
5610MHz		16830	48.59	-19.61	68.2	45.42	39.83	22.34	59	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 Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5431.12	49.29	-24.71	74	40.05	31.66	10.21	32.63	100	287	P	H
		5464.27	49.39	-18.81	68.2	40	31.76	10.24	32.61	100	287	P	H
		5459.98	39.85	-14.15	54	30.5	31.74	10.23	32.62	100	287	A	H
	*	5720	114.51	-	-	104.43	32.14	10.47	32.53	100	287	P	H
	*	5720	106.84	-	-	96.76	32.14	10.47	32.53	100	287	A	H
		5876	52.08	-16.12	68.2	41.44	32.45	10.67	32.48	100	287	P	H
		5429.95	49.09	-24.91	74	39.85	31.66	10.21	32.63	100	303	P	V
		5468.56	49.89	-18.31	68.2	40.49	31.77	10.24	32.61	100	303	P	V
		5458.81	39.65	-14.35	54	30.3	31.74	10.23	32.62	100	303	A	V
	*	5720	109.77	-	-	99.69	32.14	10.47	32.53	100	303	P	V
	*	5720	102.37	-	-	92.29	32.14	10.47	32.53	100	303	A	V
		5850	51.51	-16.69	68.2	40.97	32.4	10.63	32.49	100	303	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.48	-25.52	74	53.18	39.66	17.98	62.34	100	0	P	H
		17160	48.26	-19.94	68.2	44.1	40	22.77	58.61	100	0	P	H
		11440	52.61	-21.39	74	57.31	39.66	17.98	62.34	107	215	P	V
		11440	42.55	-11.45	54	47.25	39.66	17.98	62.34	107	215	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5450.23	51.23	-22.77	74	41.92	31.7	10.23	32.62	100	298	P	H
		5467	49.33	-18.87	68.2	39.93	31.77	10.24	32.61	100	298	P	H
		5459.59	40.5	-13.5	54	31.15	31.74	10.23	32.62	100	298	A	H
	*	5720	114.09	-	-	104.01	32.14	10.47	32.53	100	298	P	H
	*	5720	106.61	-	-	96.53	32.14	10.47	32.53	100	298	A	H
		5863.75	52.16	-16.04	68.2	41.57	32.43	10.65	32.49	100	298	P	H
		5397.58	49.64	-24.36	74	40.52	31.59	10.19	32.66	100	116	P	V
		5467	48.73	-19.47	68.2	39.33	31.77	10.24	32.61	100	116	P	V
		5457.25	40.3	-13.7	54	30.96	31.73	10.23	32.62	100	116	A	V
	*	5720	110.27	-	-	100.19	32.14	10.47	32.53	100	116	P	V
	*	5720	102.77	-	-	92.69	32.14	10.47	32.53	100	116	A	V
		5914.75	51.89	-16.31	68.2	41.08	32.56	10.72	32.47	100	116	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	48.61	-25.39	74	53.31	39.66	17.98	62.34	100	0	P	H
		17160	48.33	-19.87	68.2	44.17	40	22.77	58.61	100	0	P	H
		11440	48.69	-25.31	74	53.39	39.66	17.98	62.34	100	0	P	V
		17160	48.58	-19.62	68.2	44.42	40	22.77	58.61	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. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5413.57	49.01	-24.99	74	39.83	31.63	10.2	32.65	107	302	P	H
		5462.32	48.48	-19.72	68.2	39.1	31.75	10.24	32.61	107	302	P	H
		5458.03	40.28	-13.72	54	30.94	31.73	10.23	32.62	107	302	A	H
	*	5710	111.28	-	-	101.23	32.12	10.46	32.53	107	302	P	H
	*	5710	103.37	-	-	93.32	32.12	10.46	32.53	107	302	A	H
		5877	53.18	-15.02	68.2	42.54	32.45	10.67	32.48	107	302	P	H
		5458.42	50.46	-23.54	74	41.12	31.73	10.23	32.62	100	116	P	V
		5468.95	49.1	-19.1	68.2	39.69	31.78	10.24	32.61	100	116	P	V
		5457.64	40.19	-13.81	54	30.85	31.73	10.23	32.62	100	116	A	V
	*	5710	108.4	-	-	98.35	32.12	10.46	32.53	100	116	P	V
	*	5710	100.67	-	-	90.62	32.12	10.46	32.53	100	116	A	V
		5888.25	51.89	-16.31	68.2	41.21	32.48	10.68	32.48	100	116	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11420	48.47	-25.53	74	53.19	39.68	17.95	62.35	100	0	P	H
HT40		17130	48.86	-19.34	68.2	44.96	39.85	22.72	58.67	100	0	P	H
CH 142		11420	49.06	-24.94	74	53.78	39.68	17.95	62.35	100	0	P	V
5710MHz		17130	48.11	-20.09	68.2	44.21	39.85	22.72	58.67	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. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5446.33	49.79	-24.21	74	40.5	31.69	10.22	32.62	254	287	P	H
		5461.54	50.1	-18.1	68.2	40.72	31.75	10.24	32.61	254	287	P	H
		5456.08	40.69	-13.31	54	31.36	31.72	10.23	32.62	254	287	A	H
	*	5690	108.63	-	-	98.69	32.04	10.44	32.54	254	287	P	H
	*	5690	99.44	-	-	89.5	32.04	10.44	32.54	254	287	A	H
		5859.1	52.71	-15.49	68.2	42.14	32.42	10.64	32.49	254	287	P	H
		5452.18	49.73	-24.27	74	40.41	31.71	10.23	32.62	100	115	P	V
		5463.49	49.04	-19.16	68.2	39.66	31.75	10.24	32.61	100	115	P	V
		5458.03	40.33	-13.67	54	30.99	31.73	10.23	32.62	100	115	A	V
	*	5690	105.7	-	-	95.76	32.04	10.44	32.54	100	115	P	V
	*	5690	97.9	-	-	87.96	32.04	10.44	32.54	100	115	A	V
		5850.7	52.3	-15.9	68.2	41.76	32.4	10.63	32.49	100	115	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	48.27	-25.73	74	53.09	39.64	17.91	62.37	100	0	P	H
VHT80		17070	48.85	-19.35	68.2	45.29	39.7	22.63	58.77	100	0	P	H
CH 138		11380	48.29	-25.71	74	53.11	39.64	17.91	62.37	100	0	P	V
5690MHz		17070	50.34	-17.86	68.2	46.78	39.7	22.63	58.77	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

5GHz WIFI 802.11ac VHT80 (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 SHF		39780	49.85	-24.15	74	68.9	45.14	-9.45	54.65	100	0	P	H
		39890	49.89	-24.11	74	44.06	45.12	15.28	54.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
5GHz 802.11ac VHT80 LF		80.44	29.92	-10.08	40	47.86	13.2	1.3	32.44	100	0	P	H
		104.69	28.52	-14.98	43.5	43.16	16.27	1.48	32.39	-	-	P	H
		129.91	29.37	-14.13	43.5	42.81	17.37	1.63	32.44	-	-	P	H
		766.23	28.78	-17.22	46	29.03	27.83	3.98	32.06	-	-	P	H
		889.42	29.93	-16.07	46	28.4	29.03	4.28	31.78	-	-	P	H
		956.35	30.64	-15.36	46	26.74	30.44	4.45	30.99	-	-	P	H
		42.61	31.09	-8.91	40	44.73	17.91	0.94	32.49	100	0	P	V
		78.5	31.06	-8.94	40	49.32	12.9	1.29	32.45	-	-	P	V
		129.91	28.71	-14.79	43.5	42.15	17.37	1.63	32.44	-	-	P	V
		824.43	28.98	-17.02	46	29.17	27.75	4.11	32.05	-	-	P	V
		928.22	30.26	-15.74	46	28.15	29.09	4.38	31.36	-	-	P	V
		958.29	30.6	-15.4	46	26.54	30.57	4.45	30.96	-	-	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission

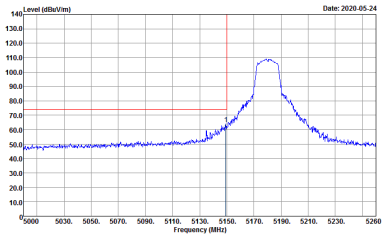
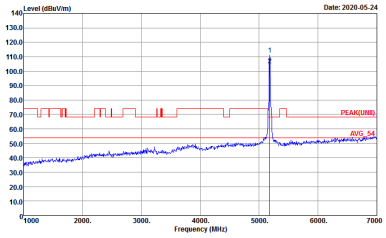
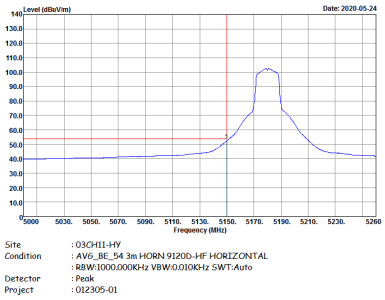
Test Engineer :	Cookie Ku, Fu Chen and Troye Hsieh	**Temperature :**	19.1~26.3°C
		Relative Humidity :	50.2~69.1%

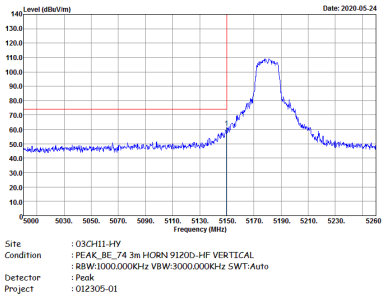
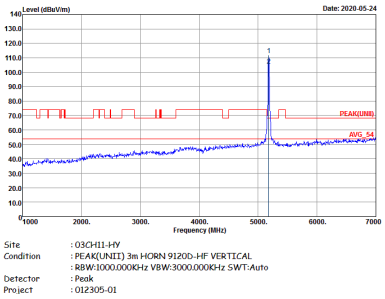
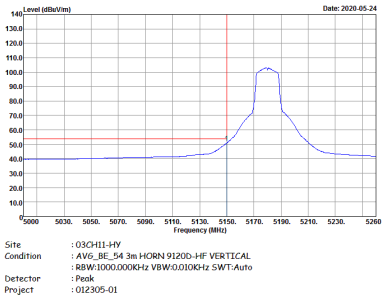
Note symbol

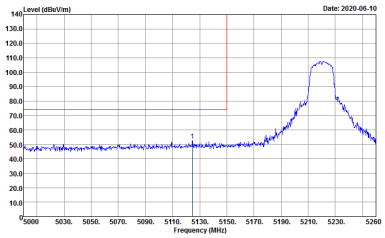
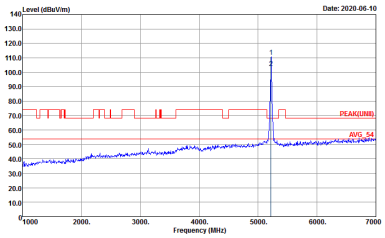
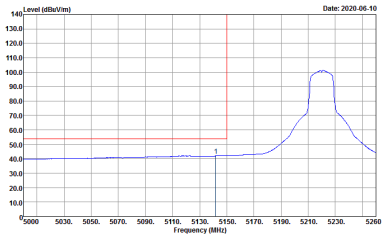
-L	**Low channel location**
-R	**High channel location**

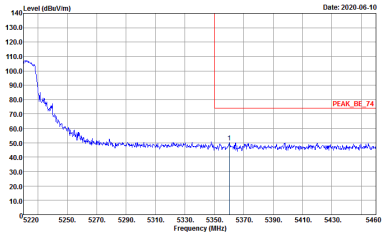
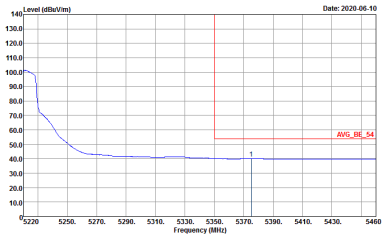
Band 1 - 5150~5250MHz

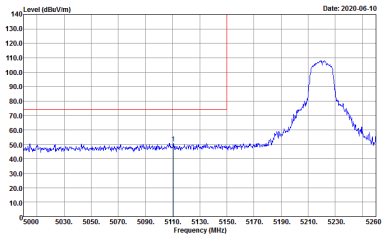
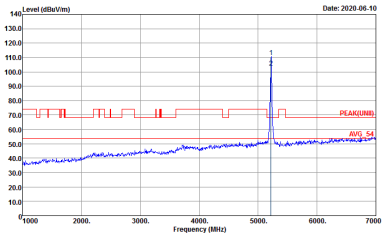
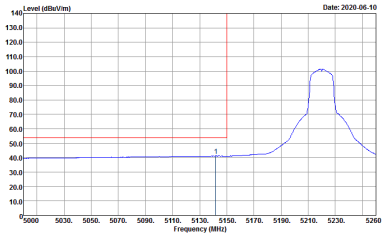
WIFI 802.11a (Band Edge @ 3m)

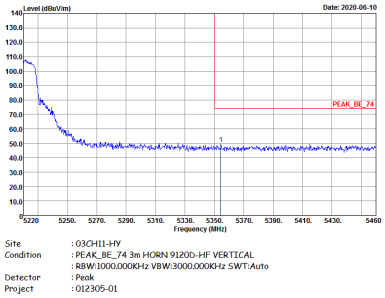
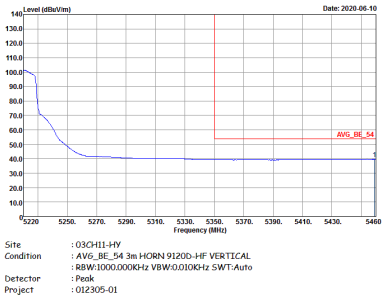
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

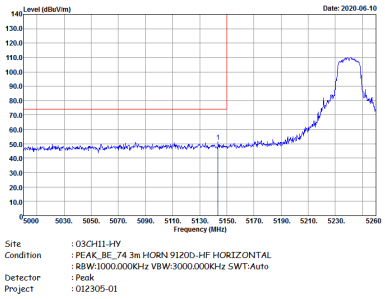
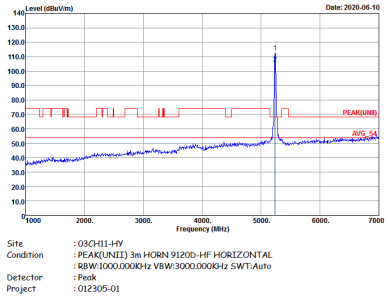
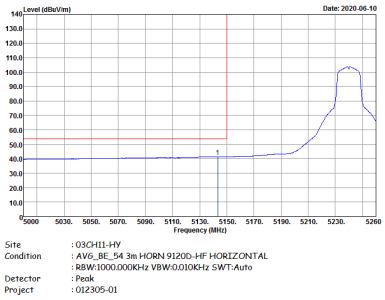
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

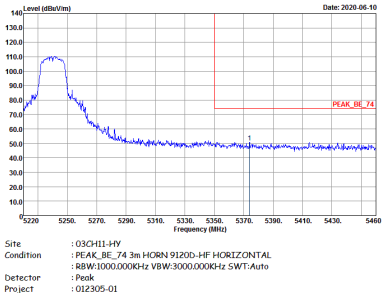
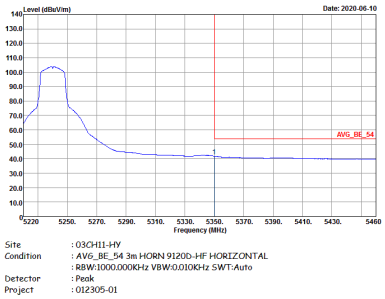
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

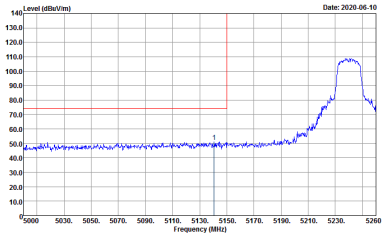
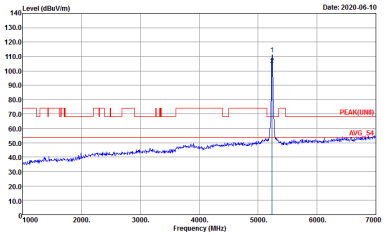
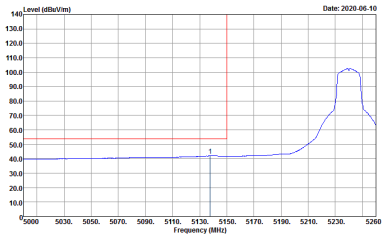
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

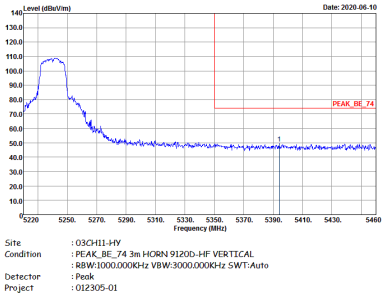
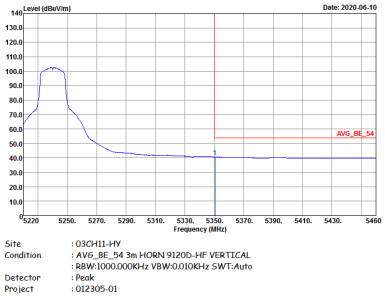
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

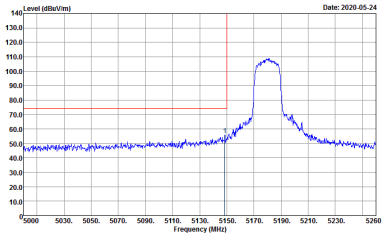
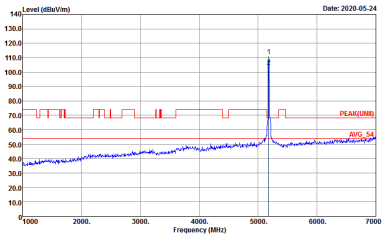
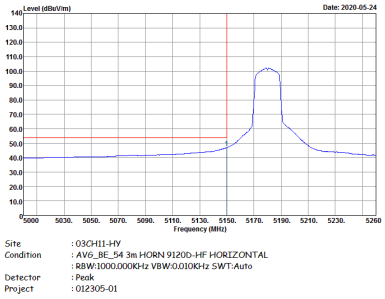
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

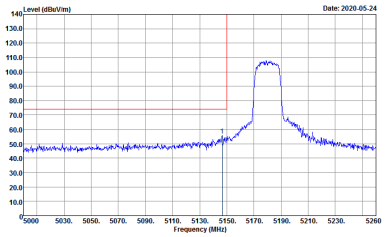
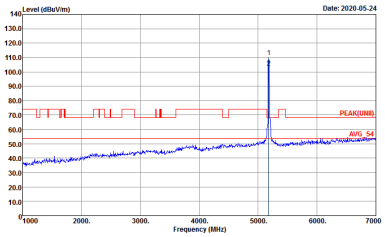
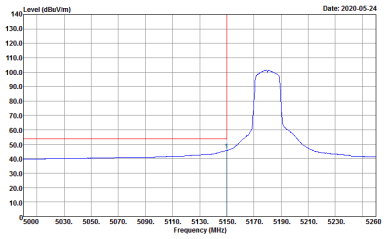
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

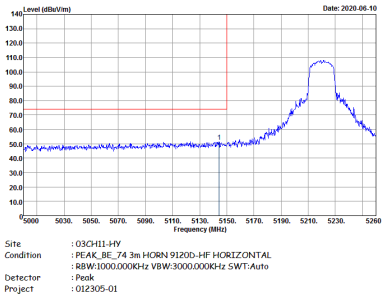
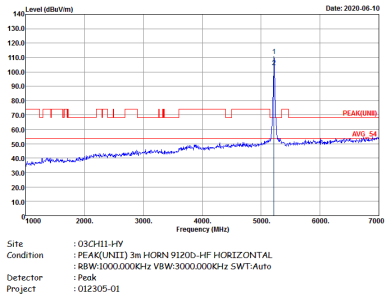
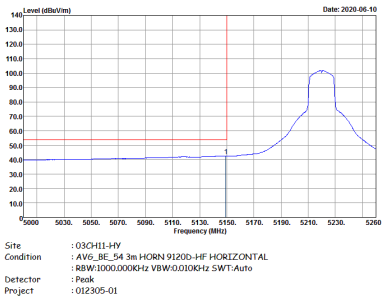
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

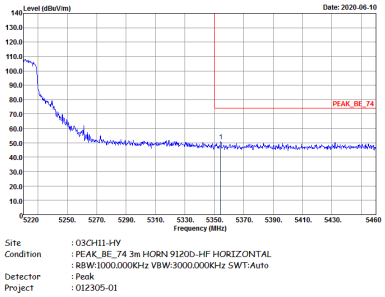
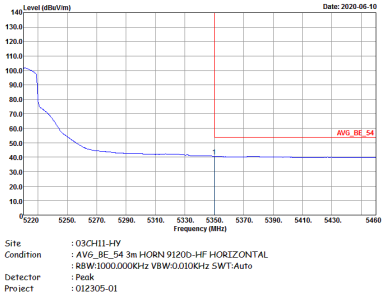
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

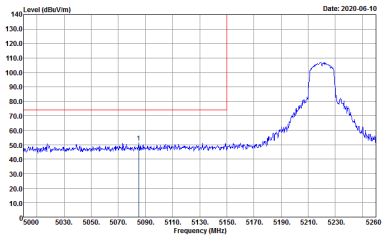
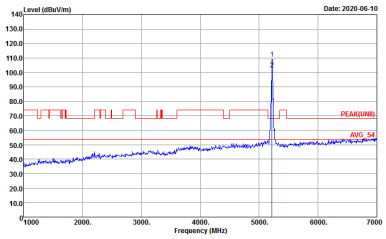
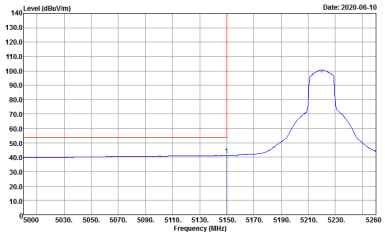
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

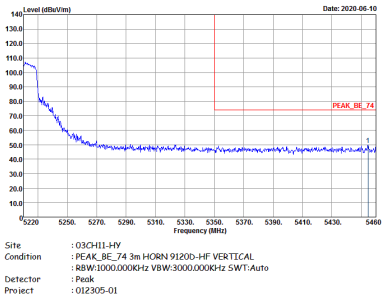
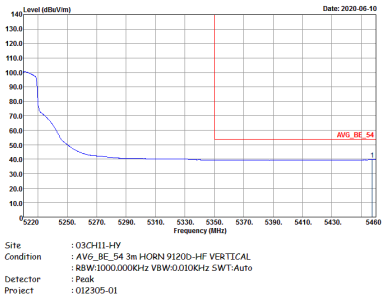
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

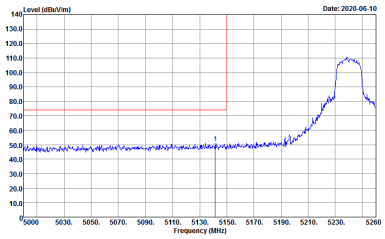
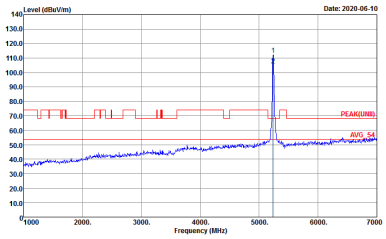
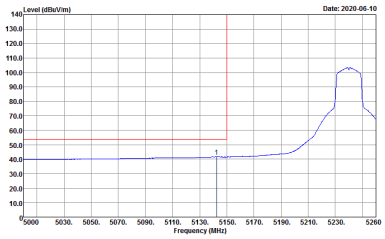
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

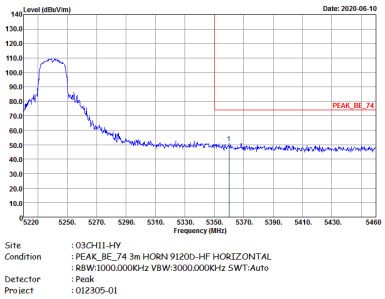
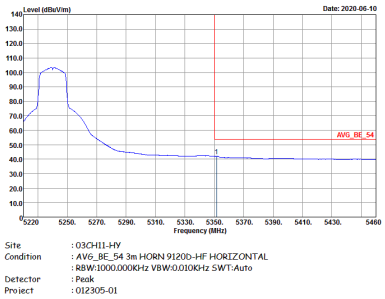
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

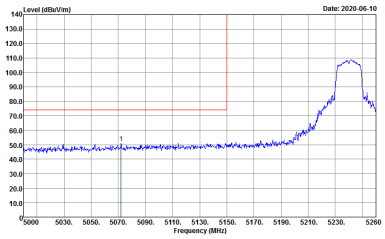
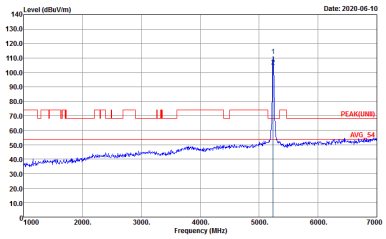
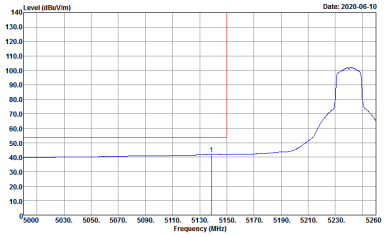
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

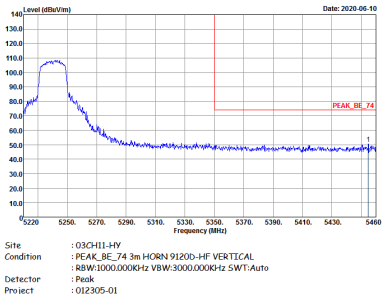
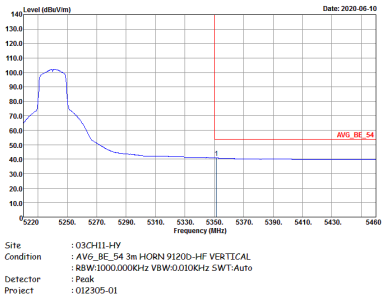
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01 Setting : 17	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

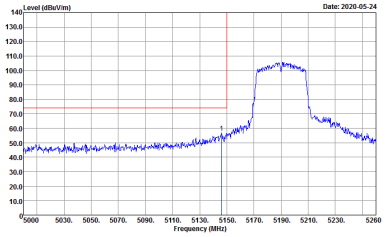
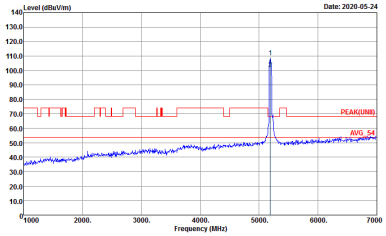
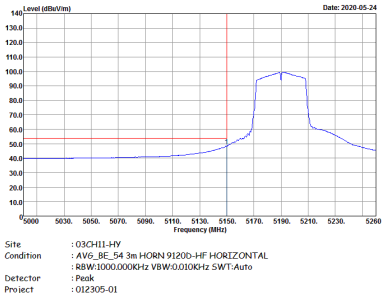
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

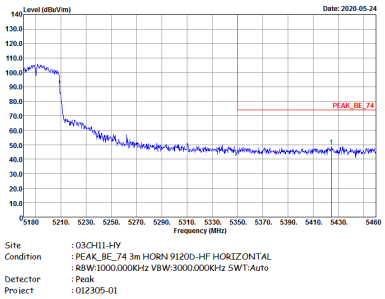
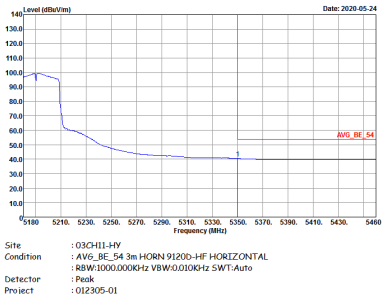
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

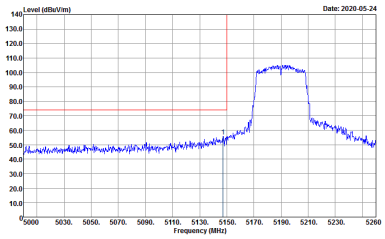
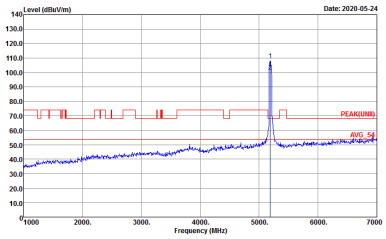
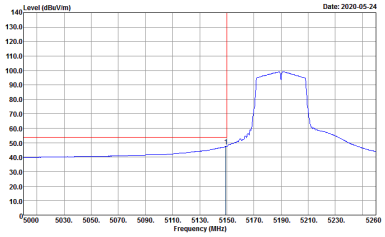
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

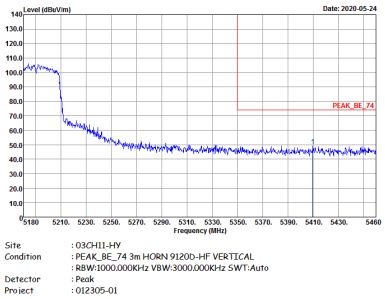
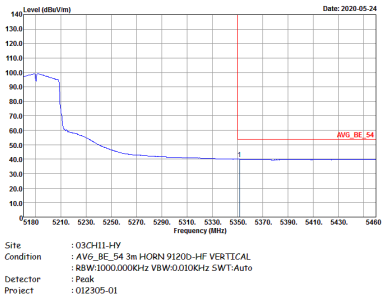
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

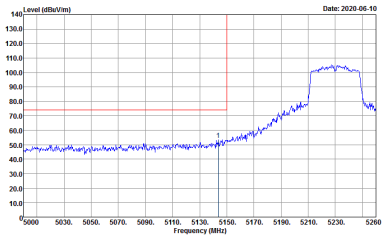
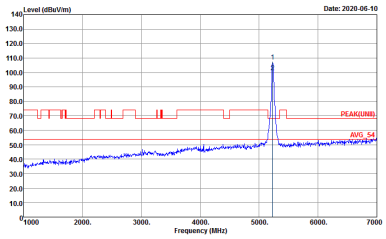
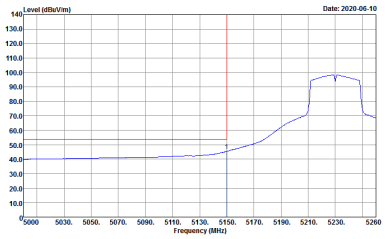
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

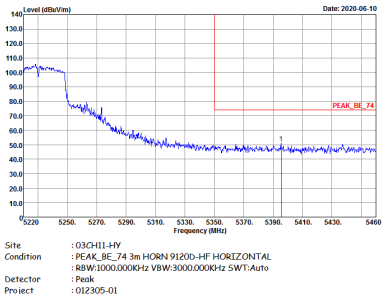
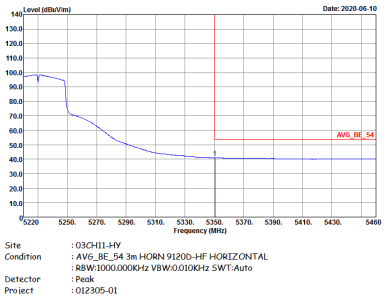
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

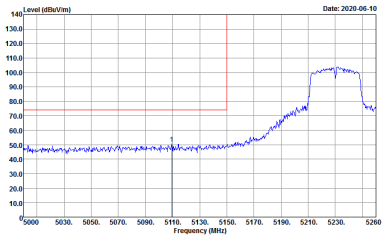
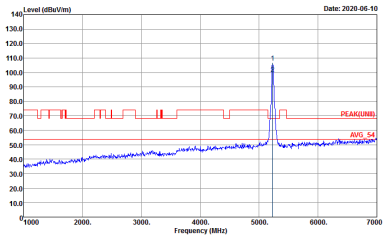
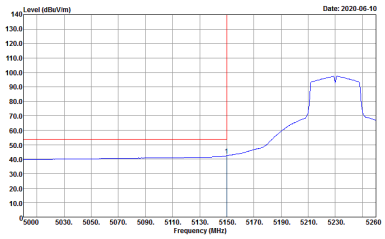
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

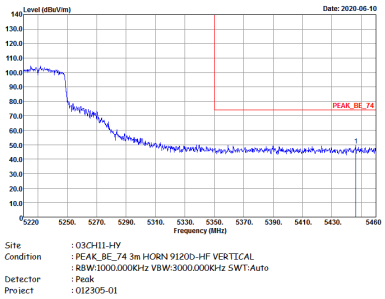
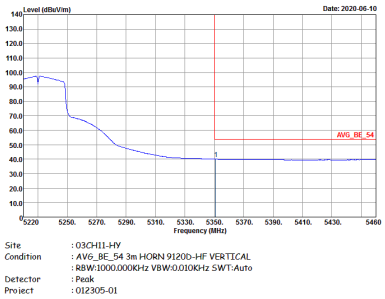
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

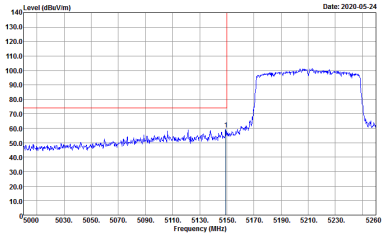
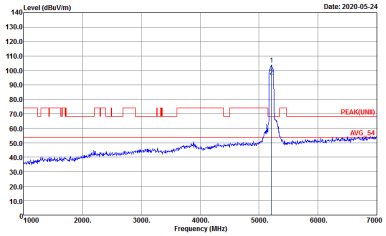
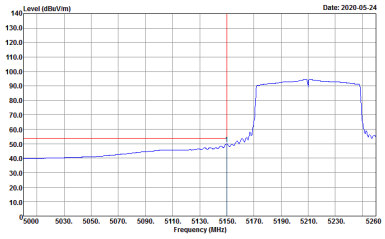
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

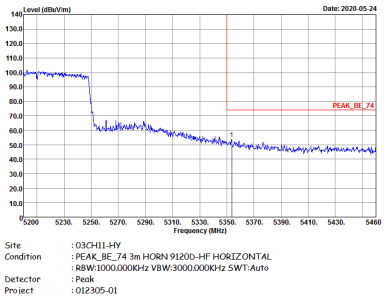
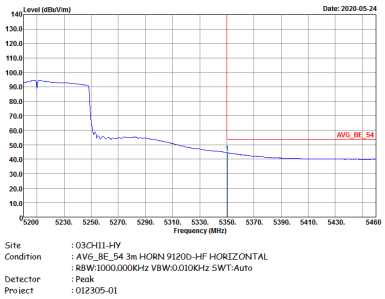
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

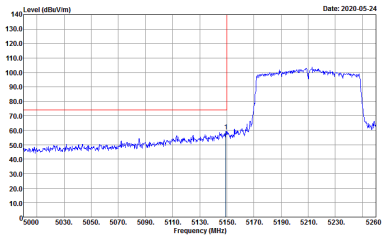
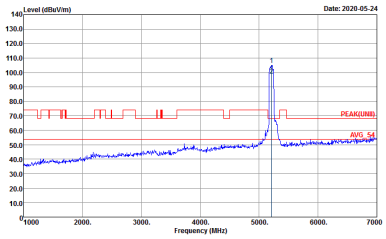
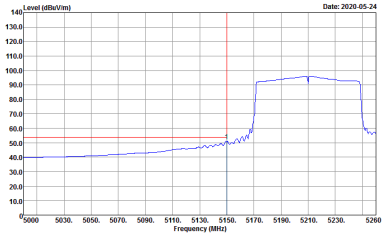
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

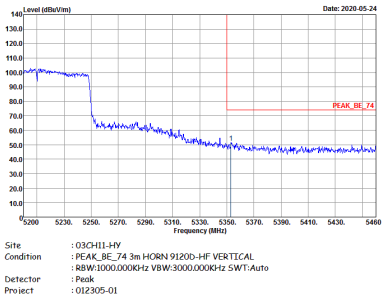
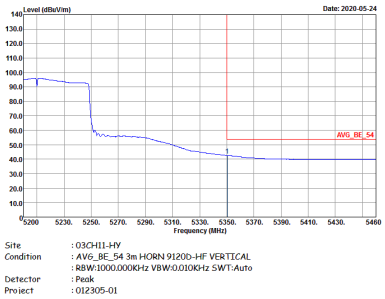
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

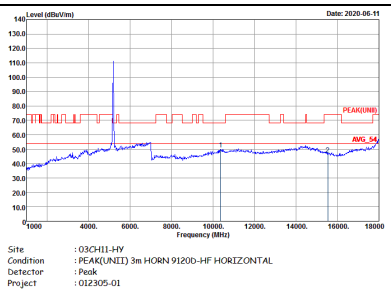
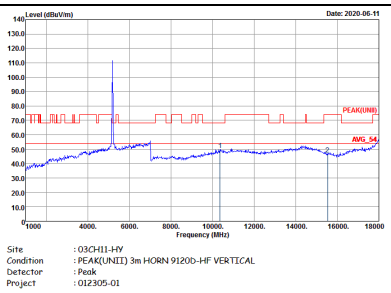
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

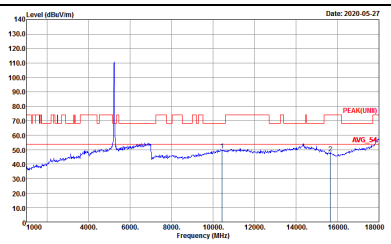
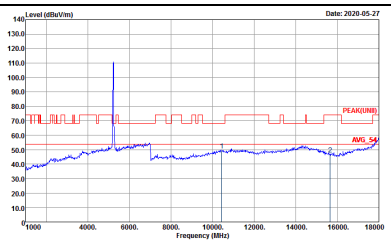
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

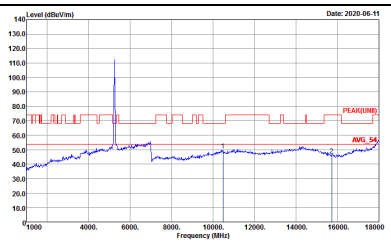
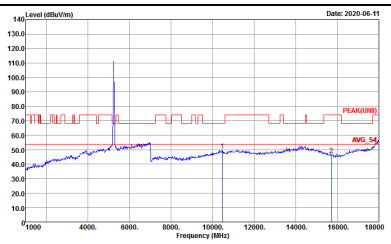
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

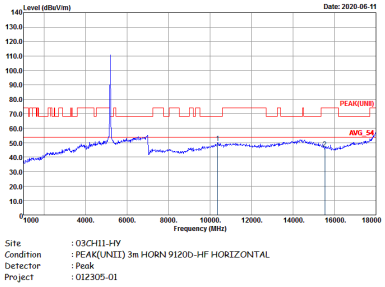
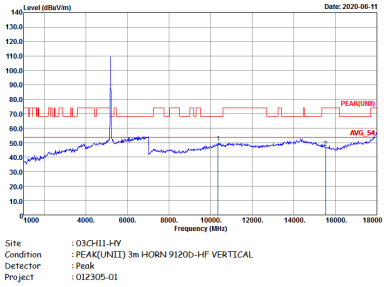
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

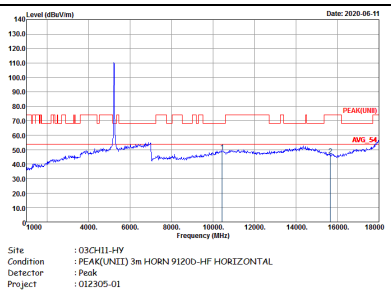
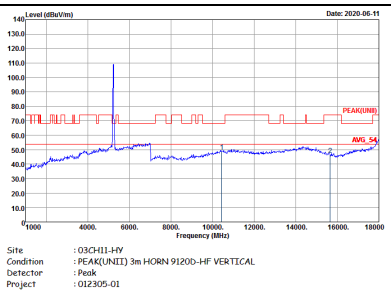
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

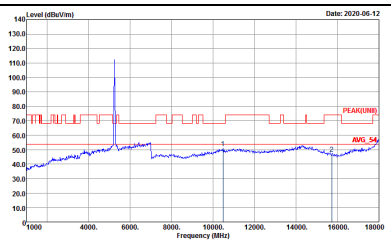
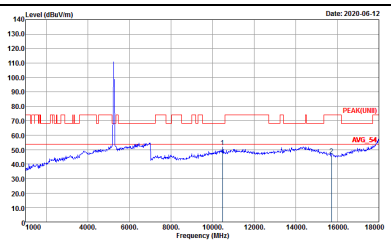
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

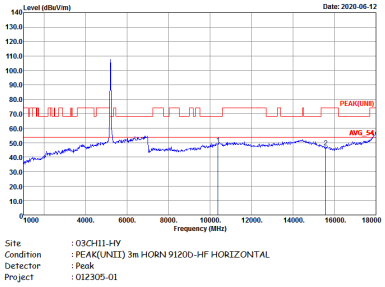
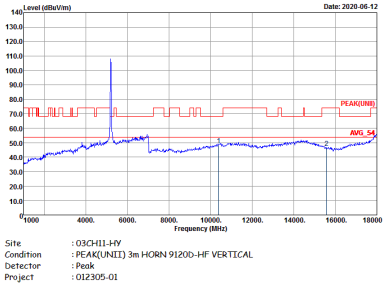
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.		

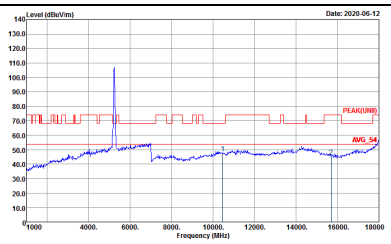
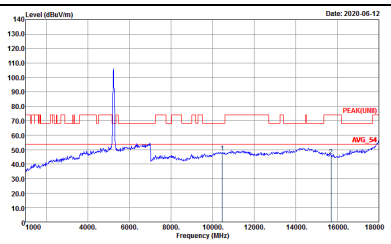
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

Band 1 5150~5250MHz

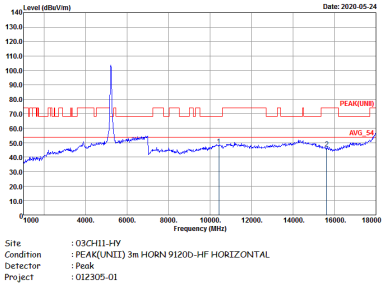
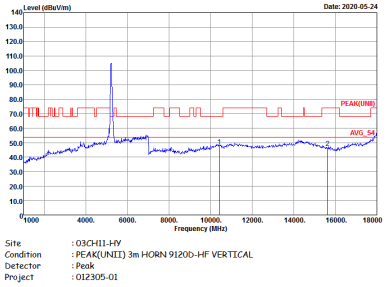
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

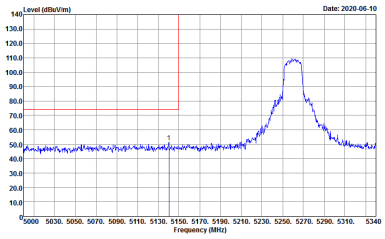
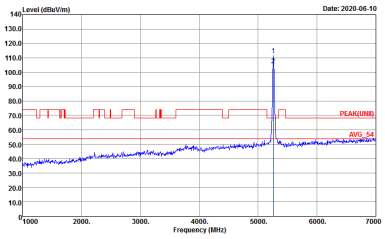
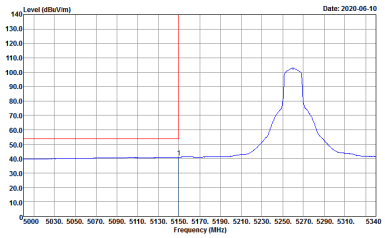
Band 1 5150~5250MHz

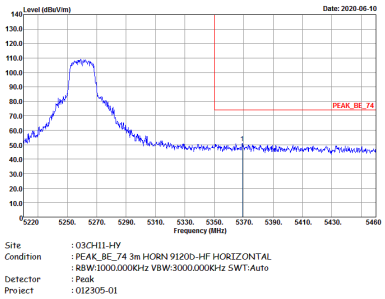
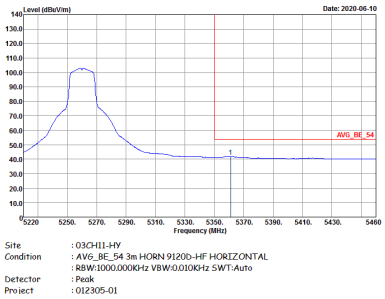
WIFI 802.11ac VHT80 (Harmonic @ 3m)

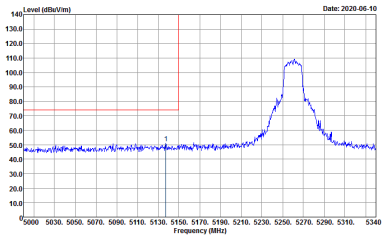
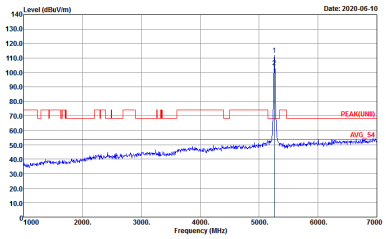
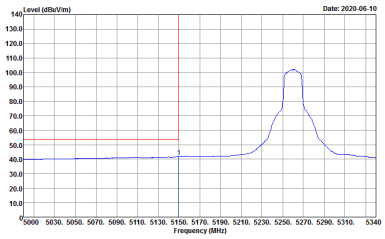
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak Avg.		

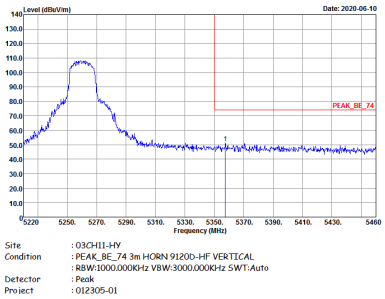
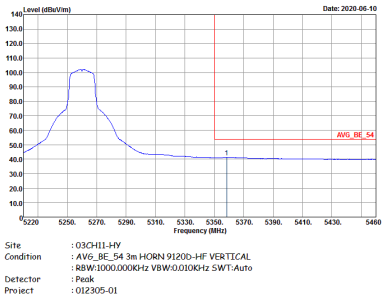
Band 2 - 5250~5350MHz

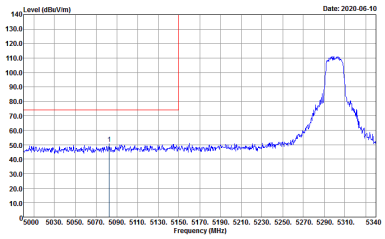
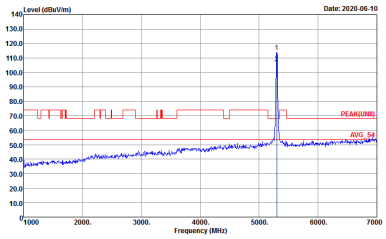
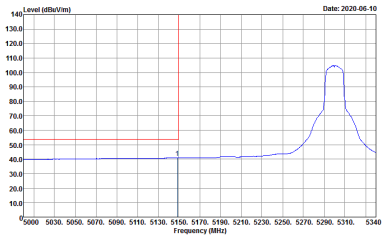
WIFI 802.11a (Band Edge @ 3m)

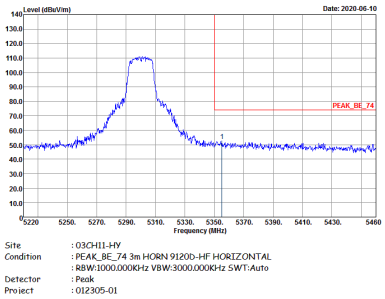
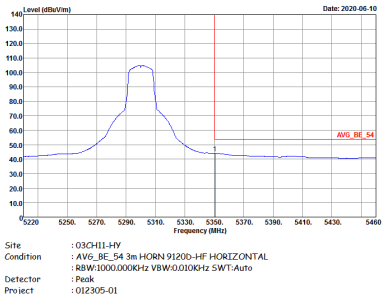
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

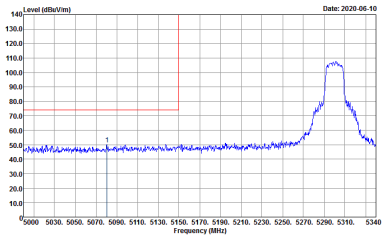
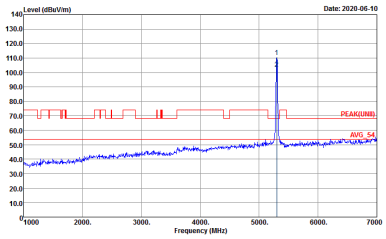
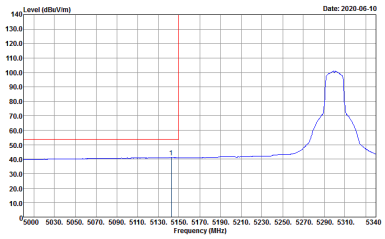
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

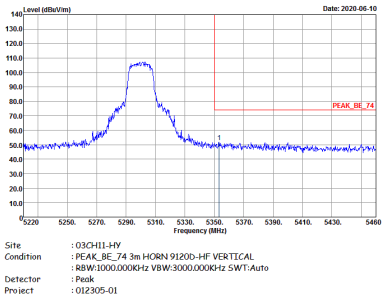
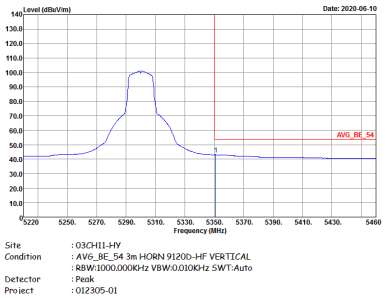
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

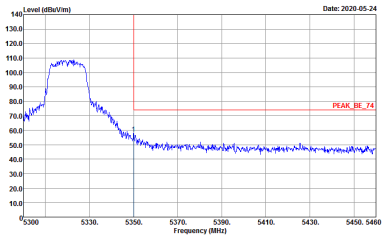
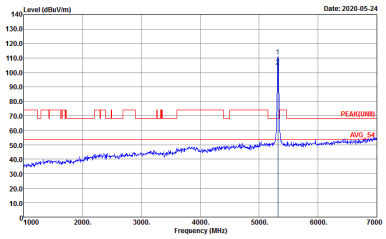
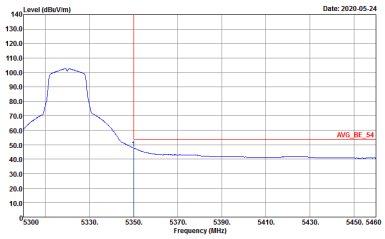
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

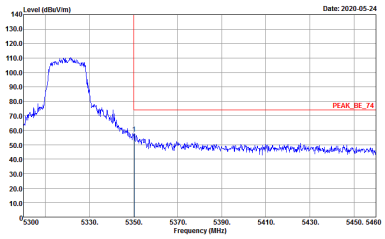
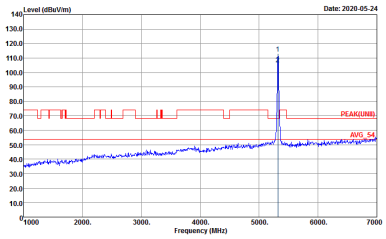
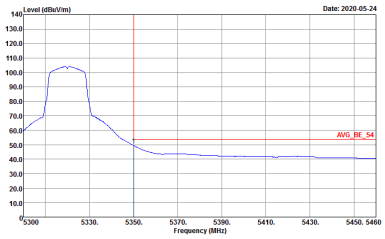
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

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

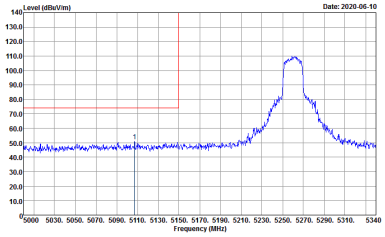
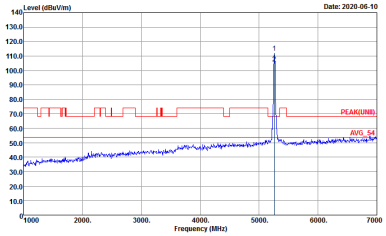
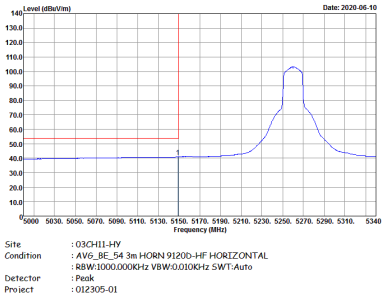
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

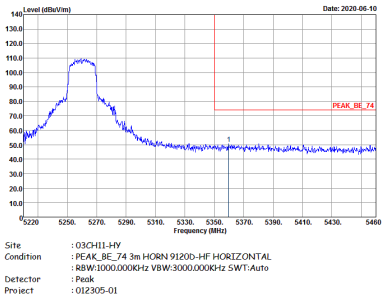
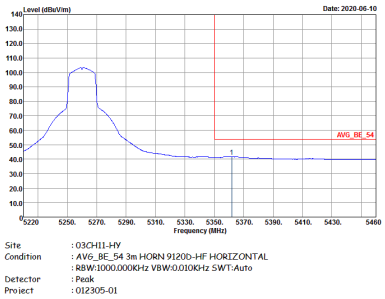
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

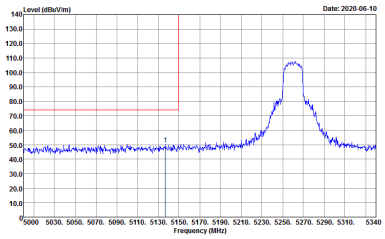
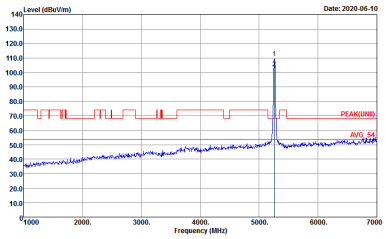
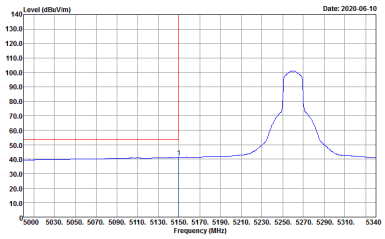
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

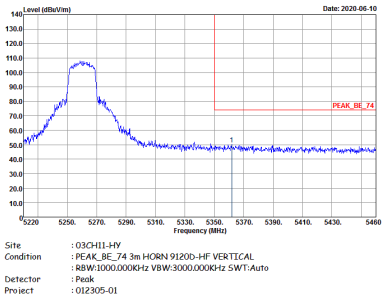
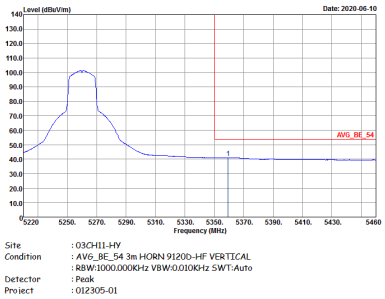
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

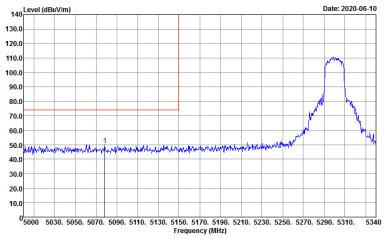
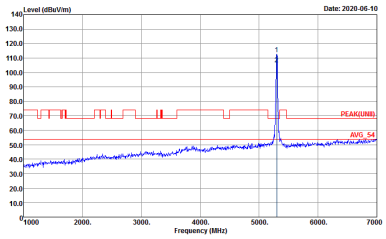
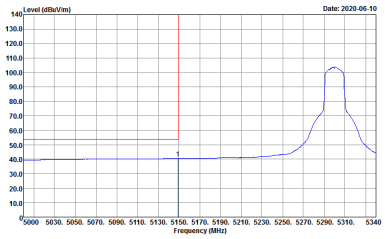
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

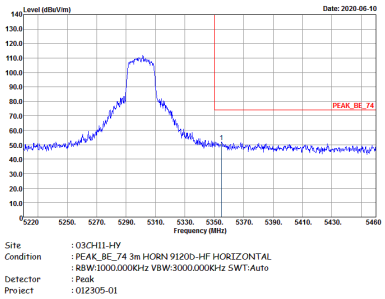
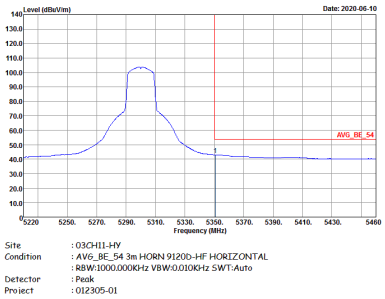
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

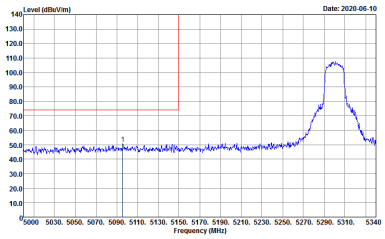
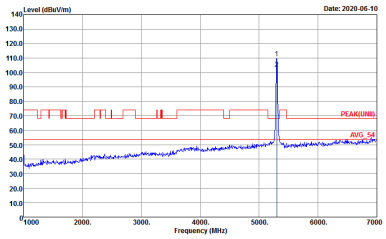
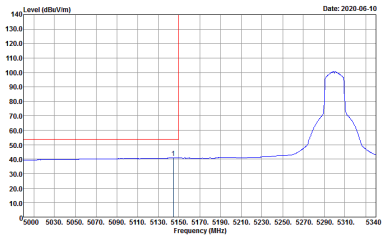
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

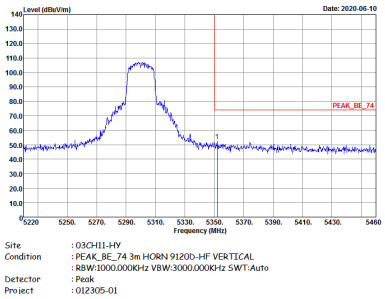
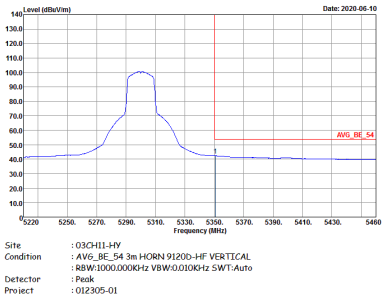
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

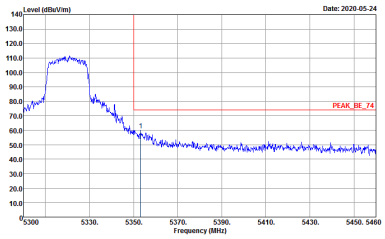
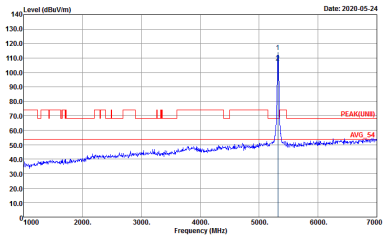
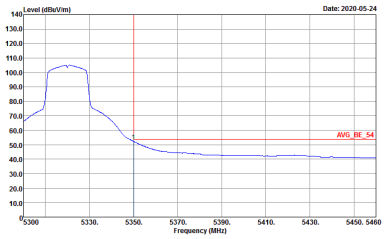
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

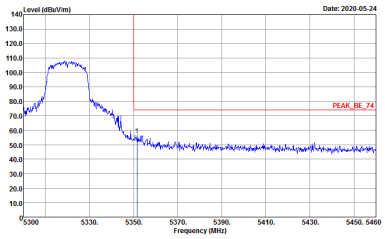
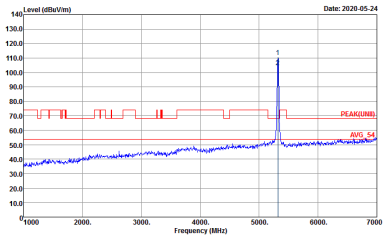
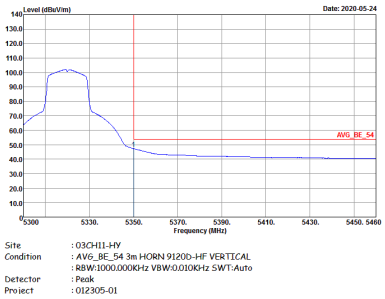
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

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

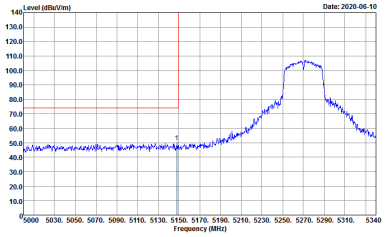
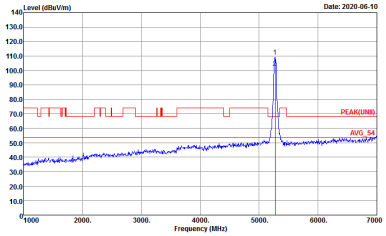
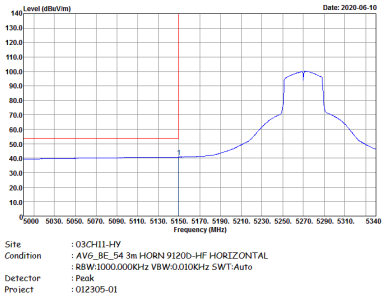
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

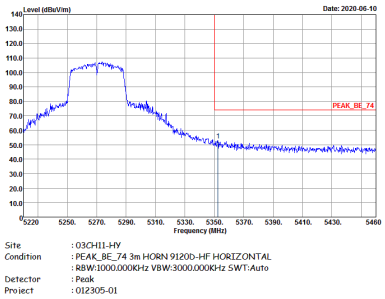
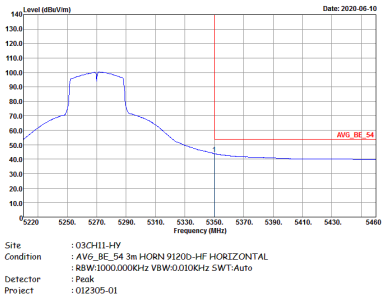
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

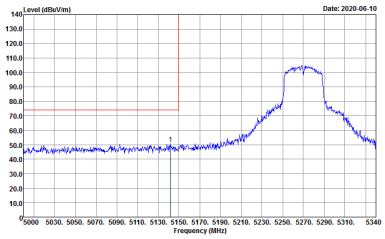
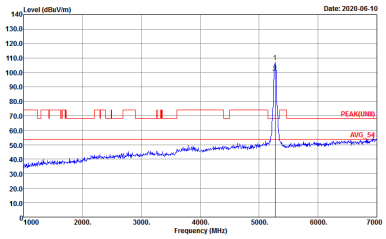
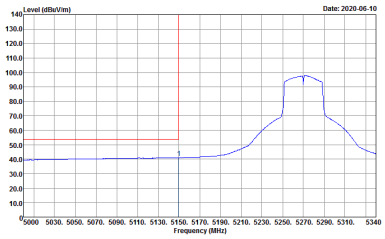
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

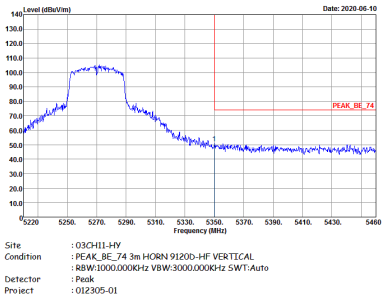
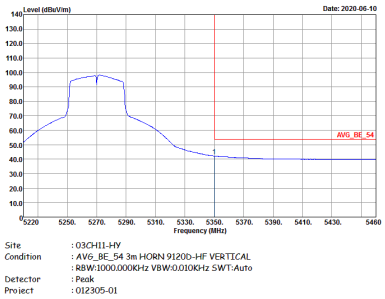
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

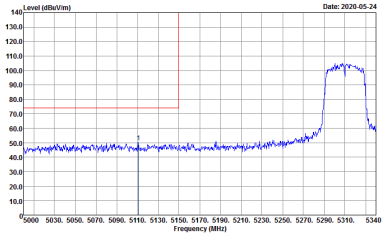
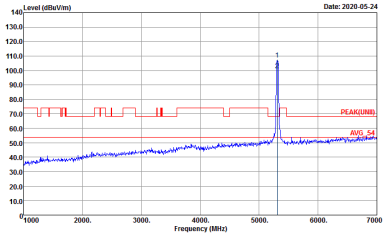
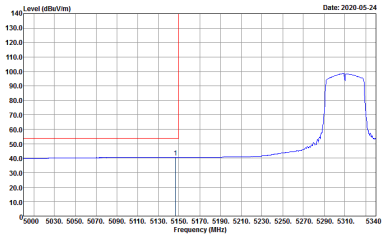
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

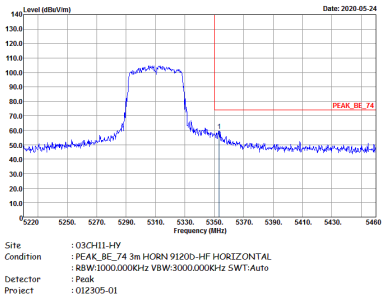
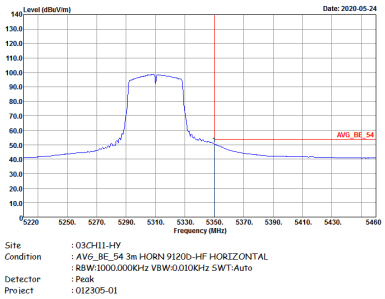
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

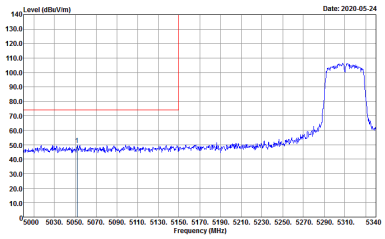
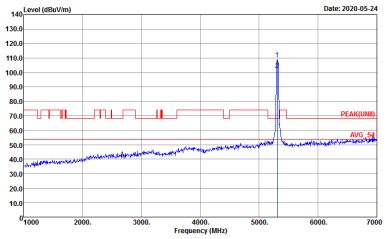
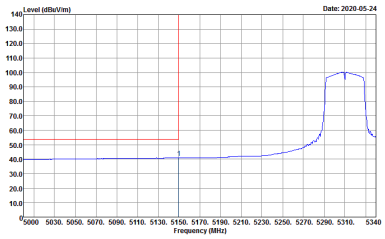
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

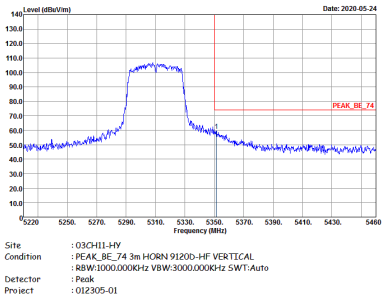
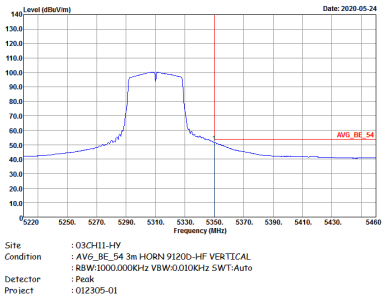
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1+2	Vertical	Vertical
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

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

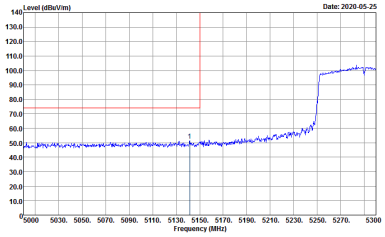
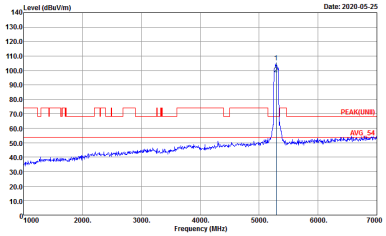
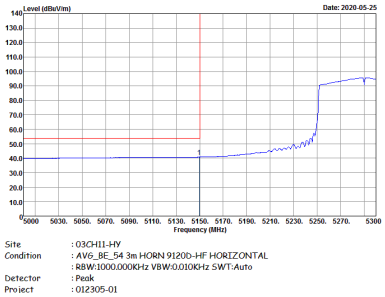
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

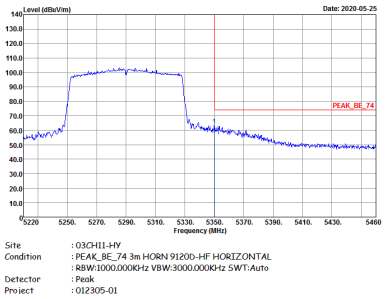
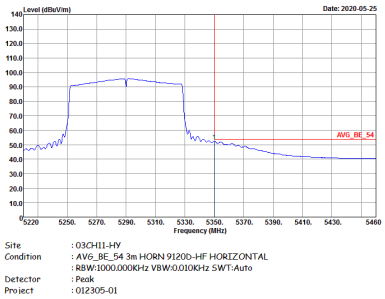
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

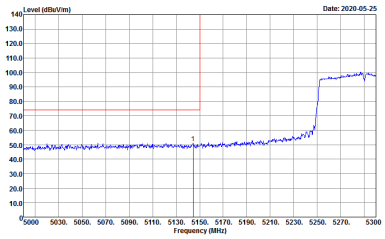
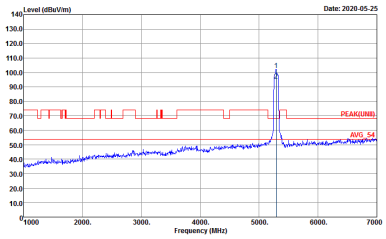
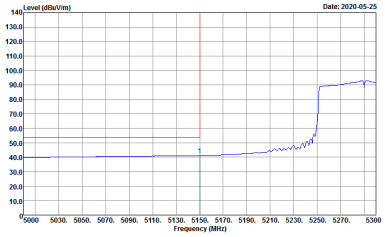
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

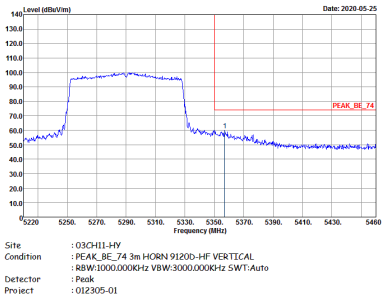
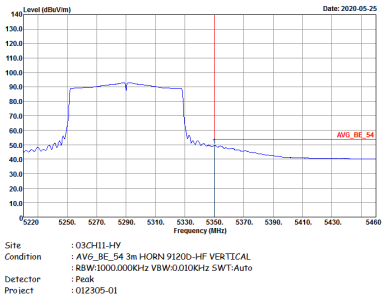
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

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

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

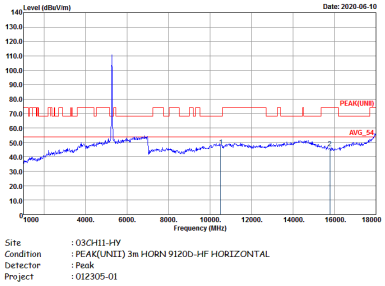
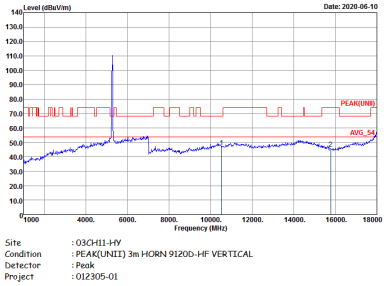
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

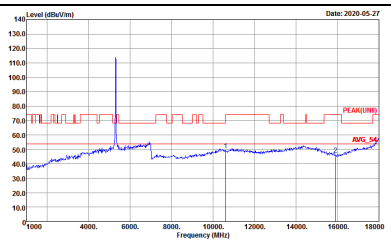
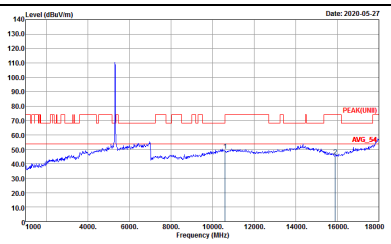
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

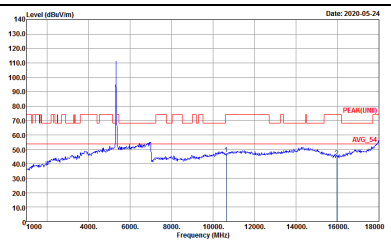
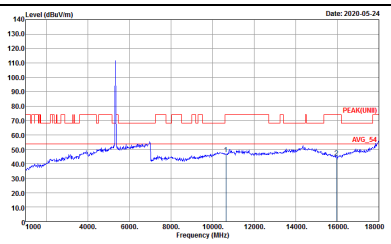
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

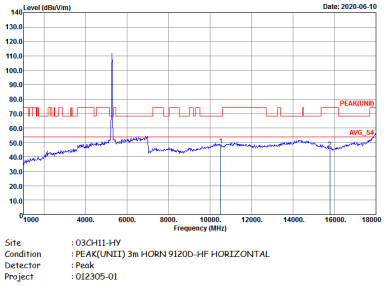
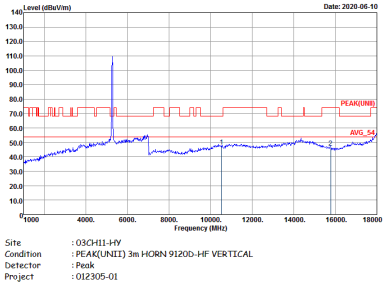
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.		

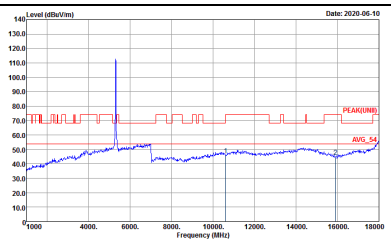
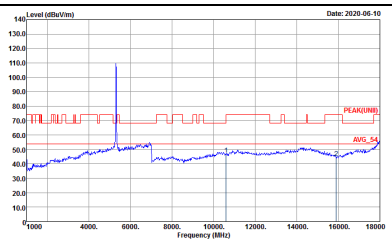
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

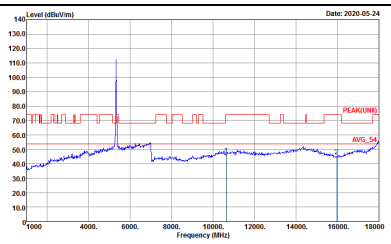
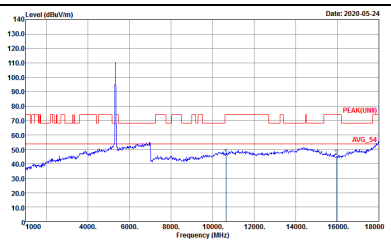
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

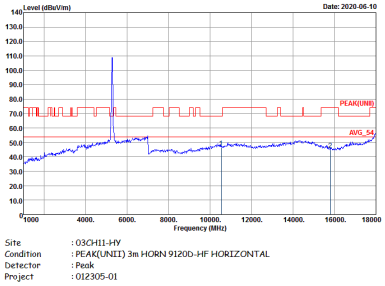
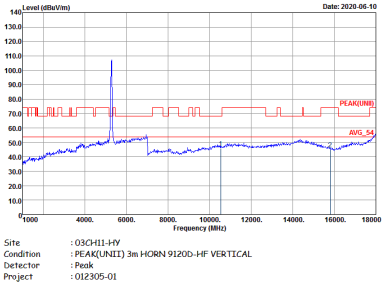
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1+2	Horizontal	Vertical
Peak Avg.		

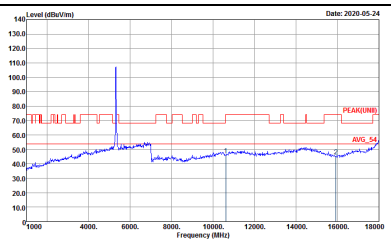
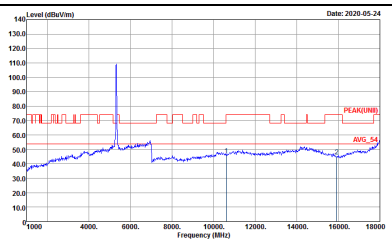
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

Band 2 5250~5350MHz

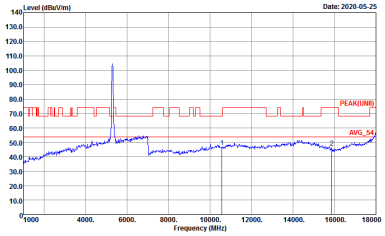
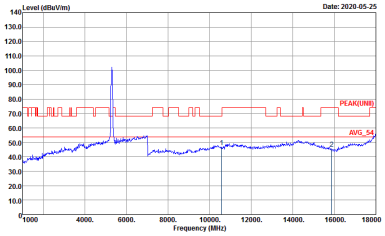
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1+2	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

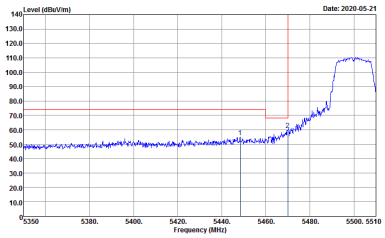
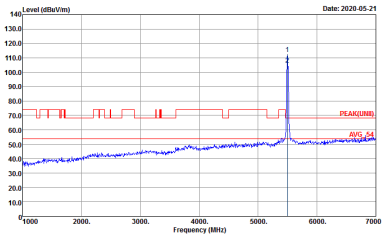
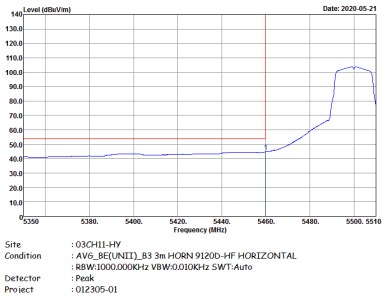
Band 2 5250~5350MHz

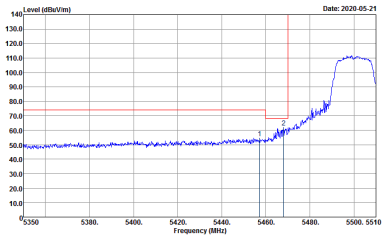
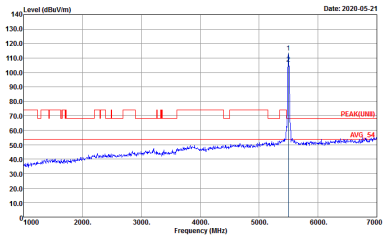
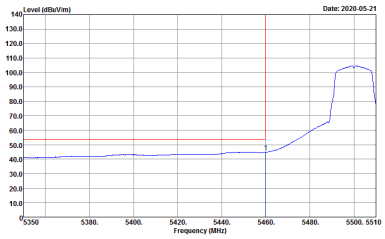
WIFI 802.11ac VHT80 (Harmonic @ 3m)

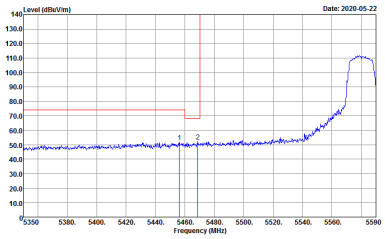
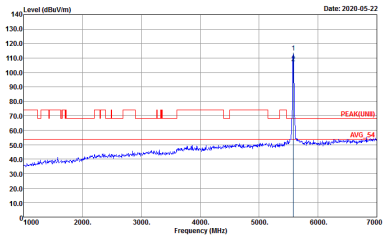
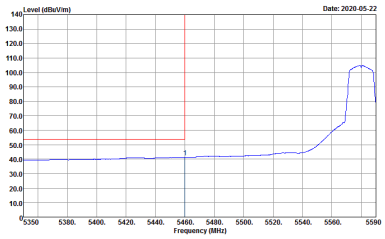
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1+2	Horizontal	Vertical
Peak Avg.		

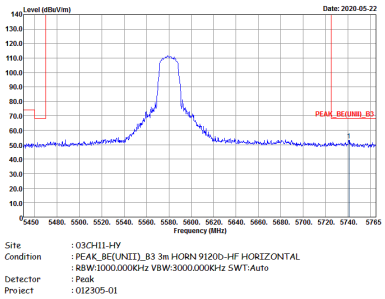
Band 3 - 5470~5725MHz

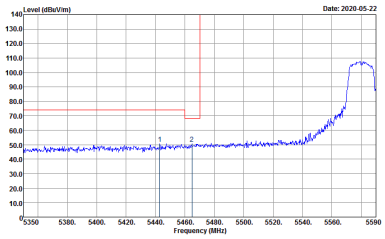
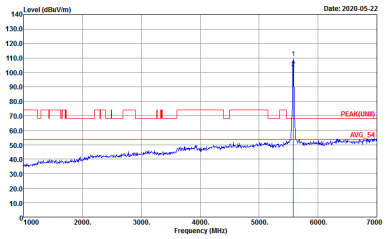
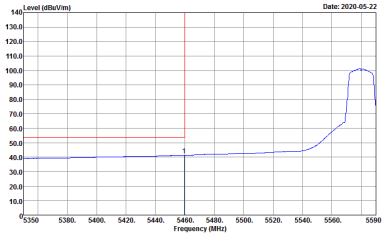
WIFI 802.11a (Band Edge @ 3m)

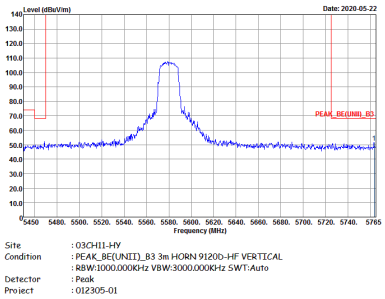
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

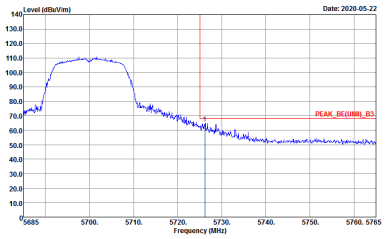
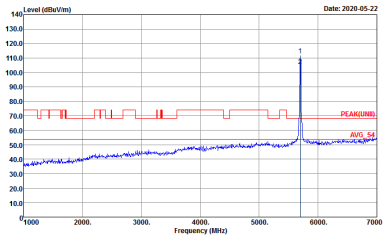
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

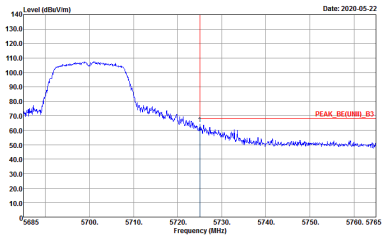
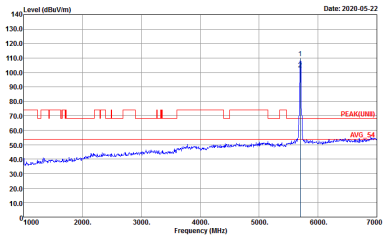
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

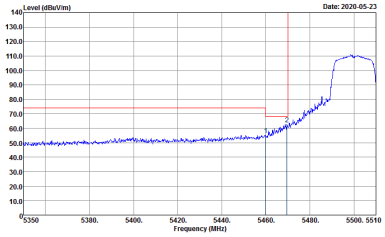
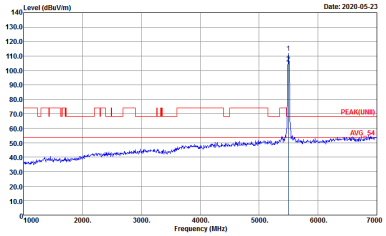
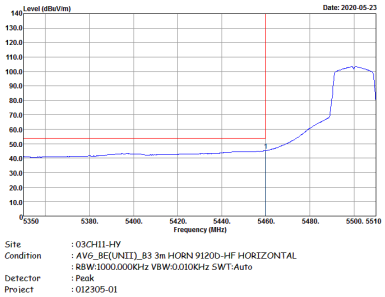
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

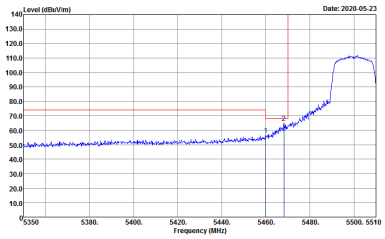
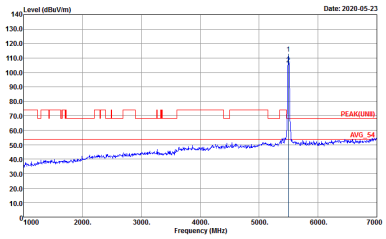
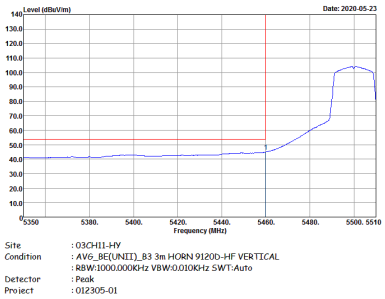
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

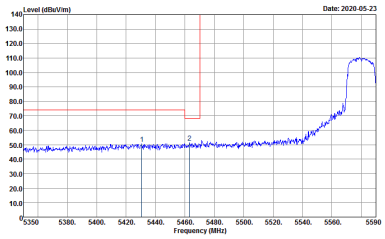
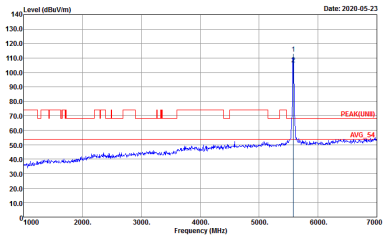
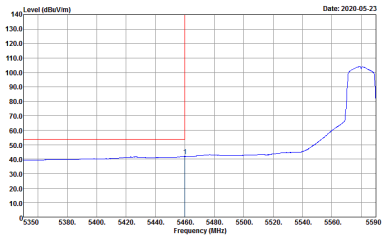
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01

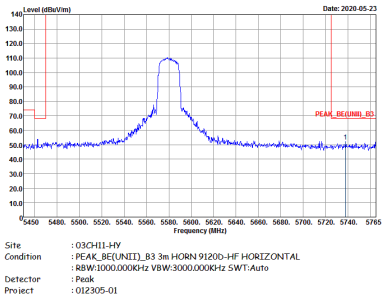
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01

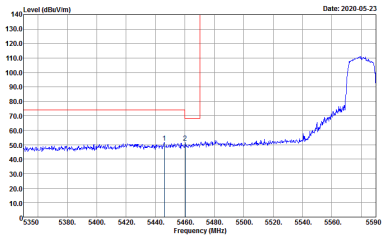
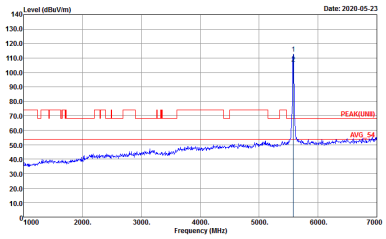
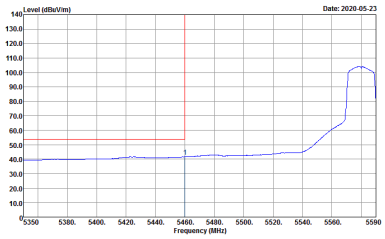
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

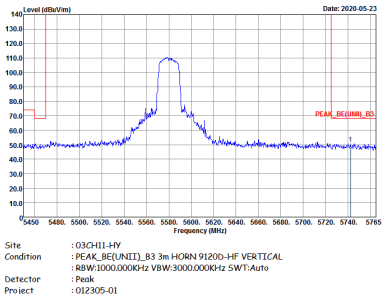
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

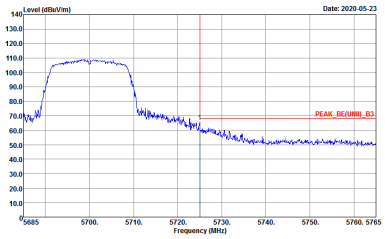
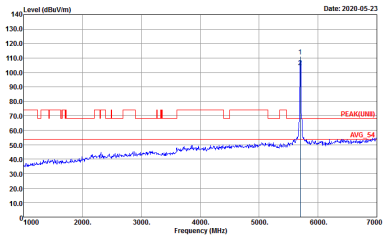
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Vertical	Fundamental
Peak		
Avg.		Left blank

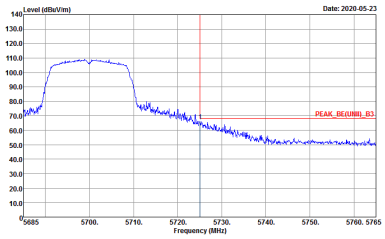
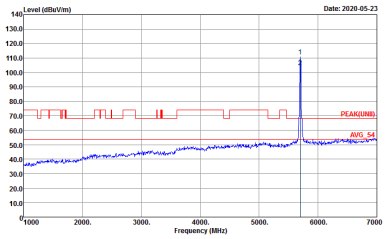
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

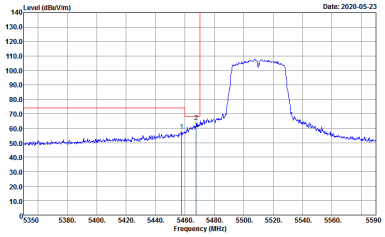
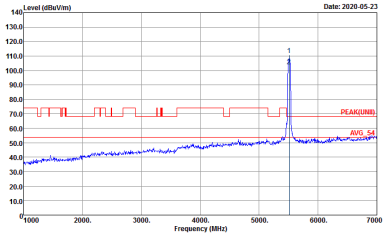
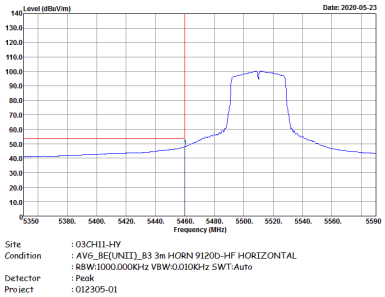
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

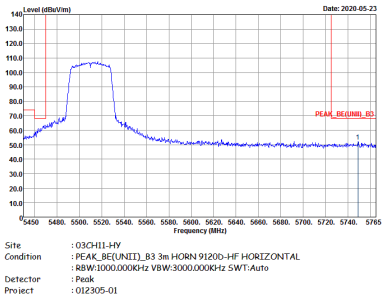
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

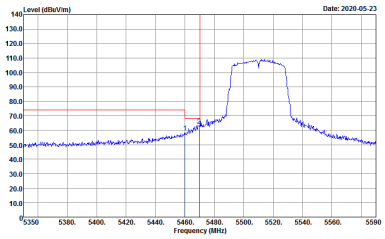
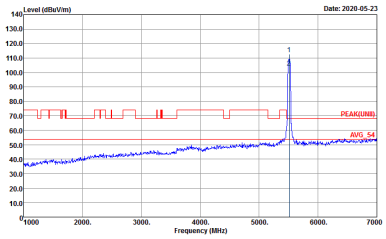
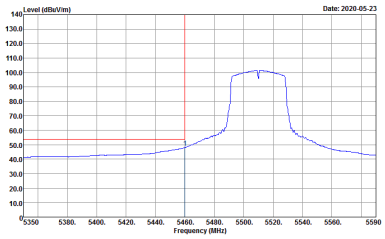
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Horizontal	Fundamental
Peak		

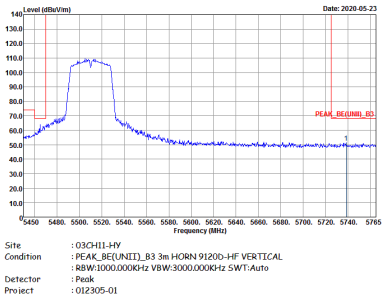
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Vertical	Fundamental
Peak.		

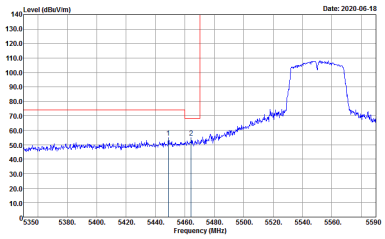
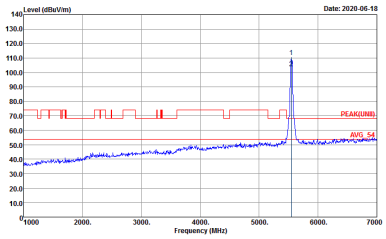
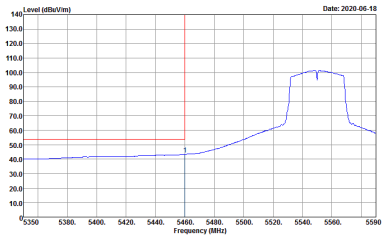
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

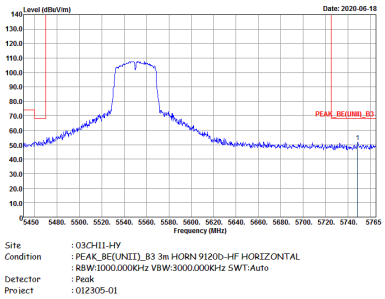
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

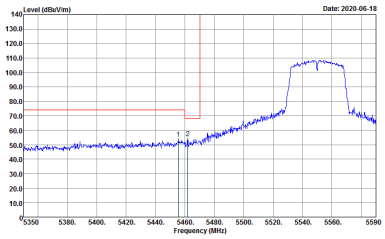
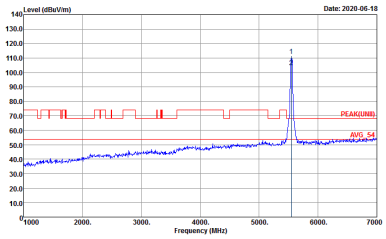
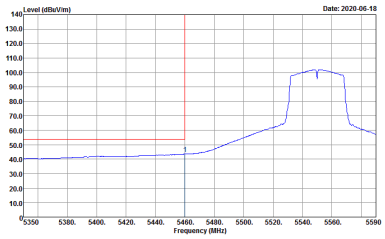
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

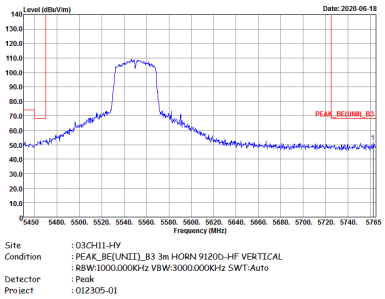
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

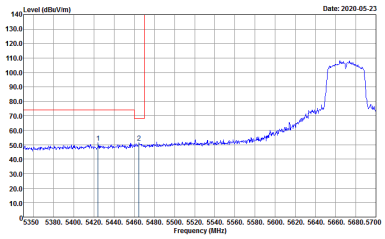
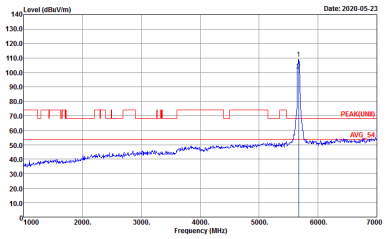
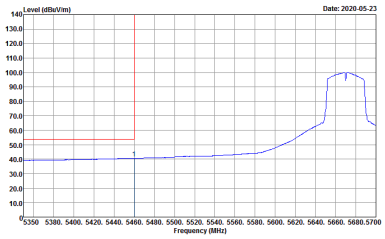
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

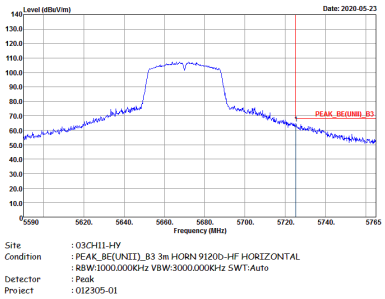
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

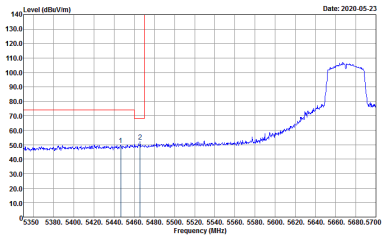
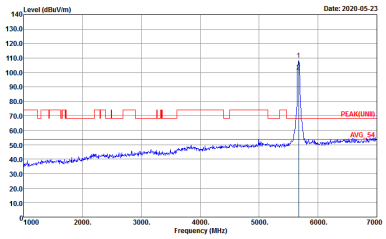
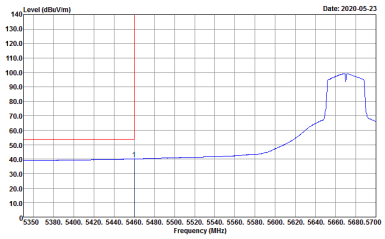
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

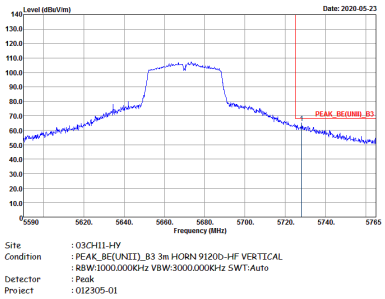
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

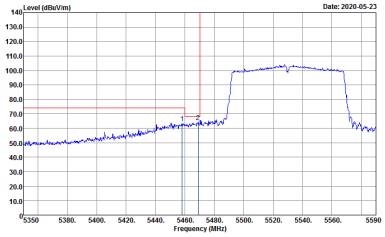
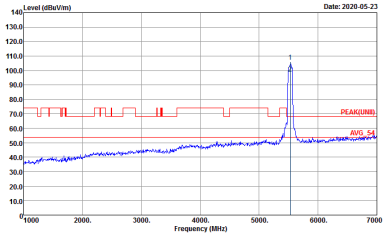
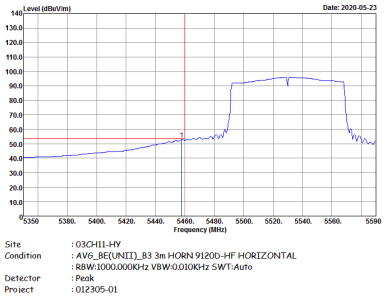
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_B3 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

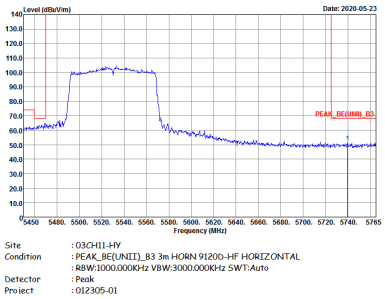
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

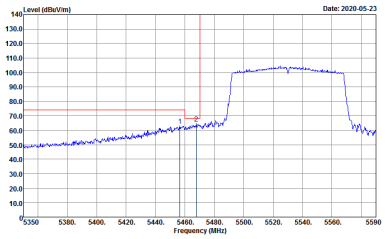
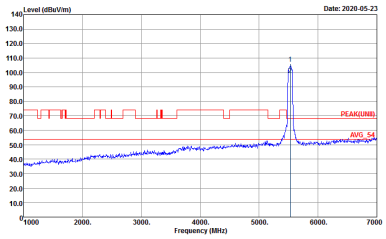
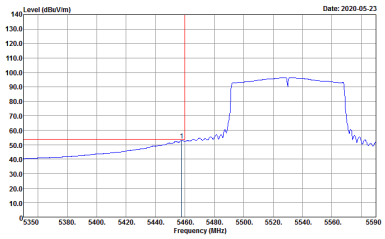
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_B3 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

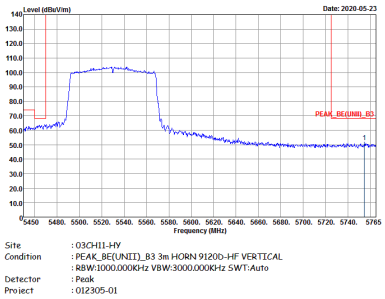
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

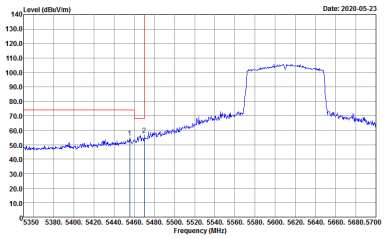
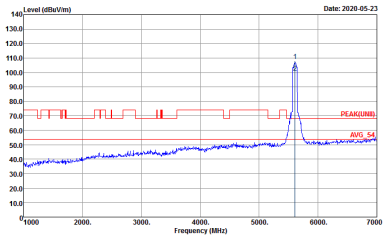
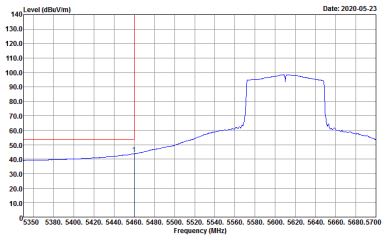
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

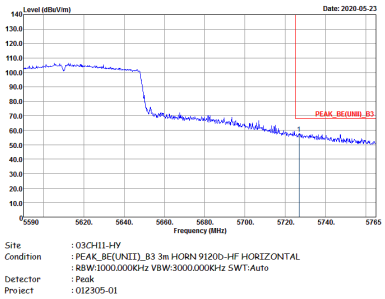
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

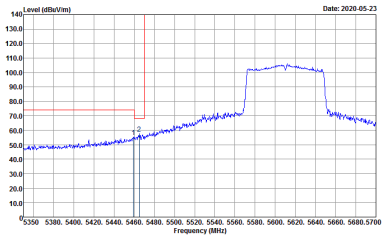
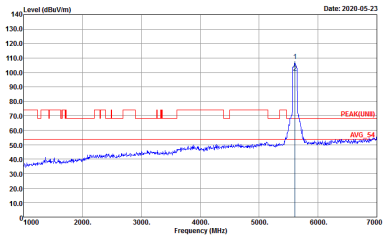
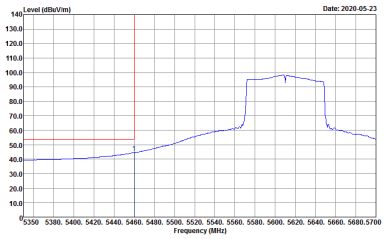
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

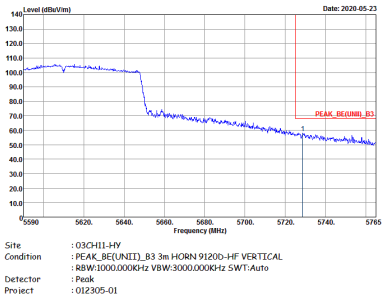
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

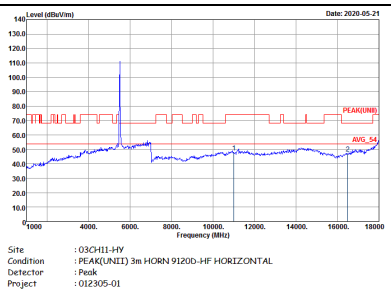
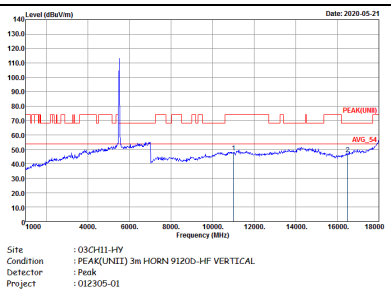
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

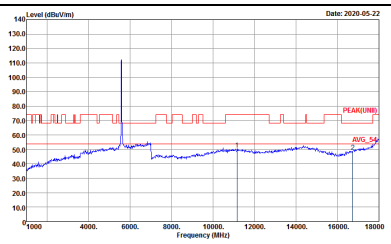
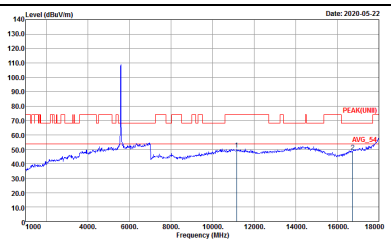
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : AVG_BE(UNII)_83 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

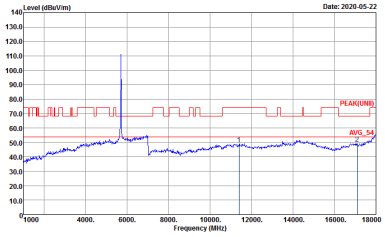
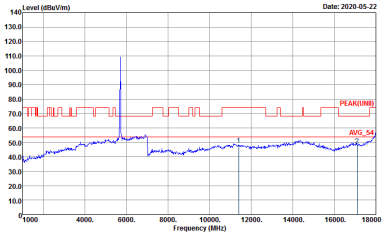
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

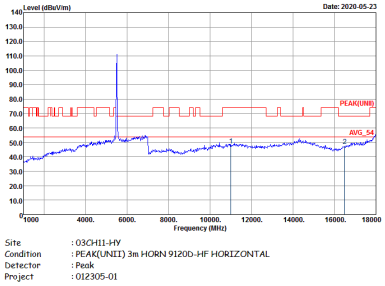
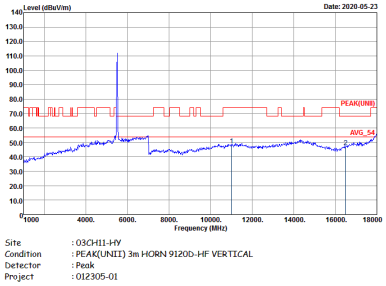
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.		

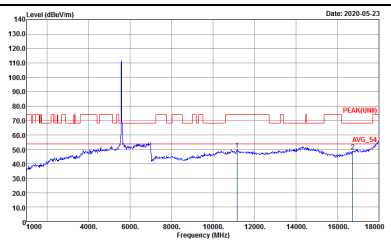
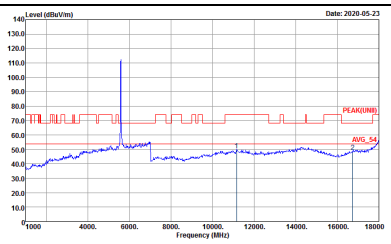
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

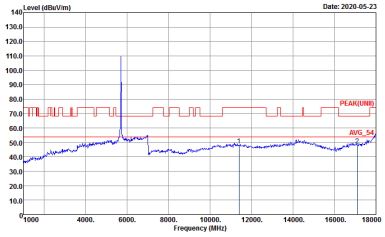
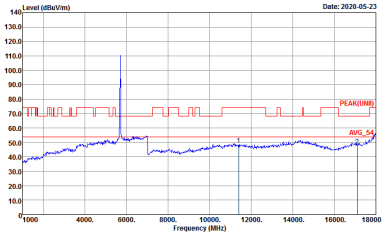
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

Band 3 5470~5725MHz

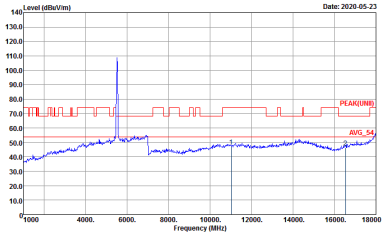
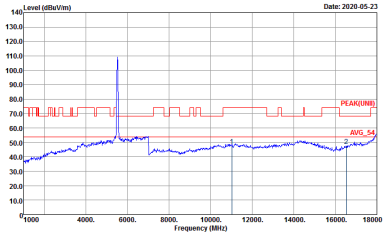
WIFI 802.11n HT20 (Harmonic @ 3m)

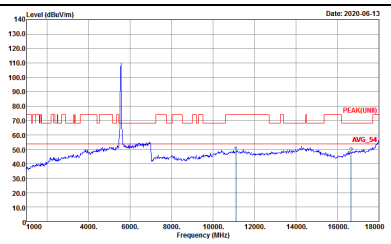
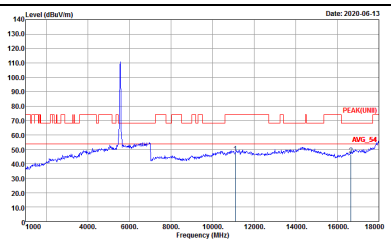
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1+2	Horizontal	Vertical
Peak Avg.		

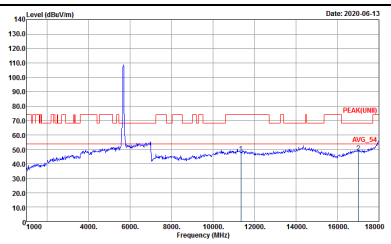
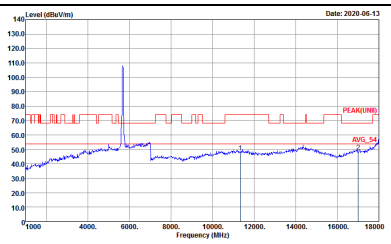
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

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

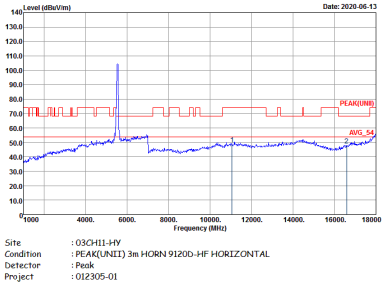
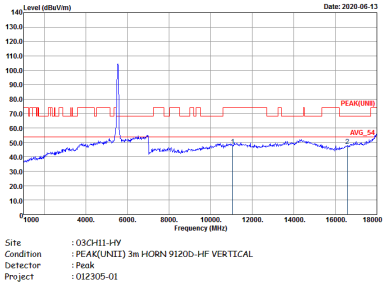
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1+2	Horizontal	Vertical
Peak Avg.		

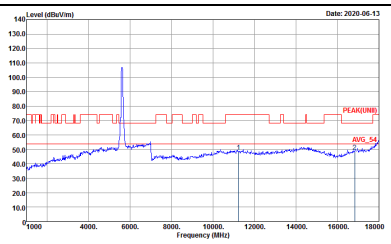
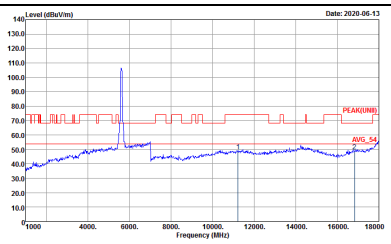
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

Band 3 5470~5725MHz

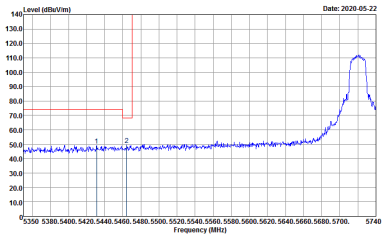
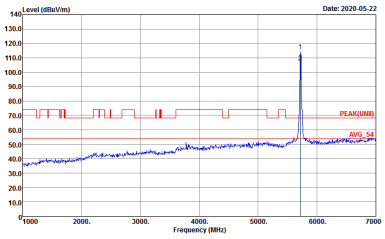
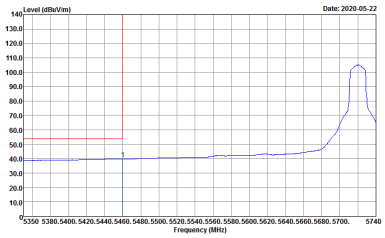
WIFI 802.11ac VHT80 (Harmonic @ 3m)

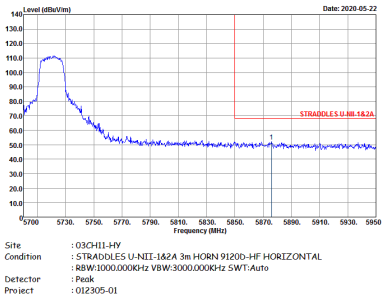
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1+2	Horizontal	Vertical
Peak Avg.		

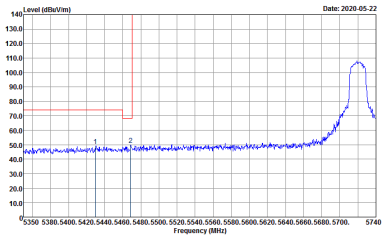
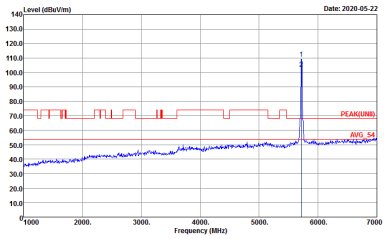
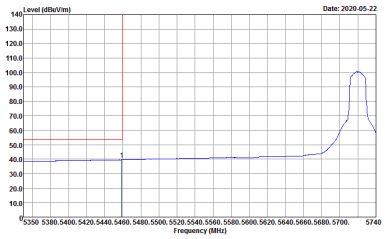
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 012305-01

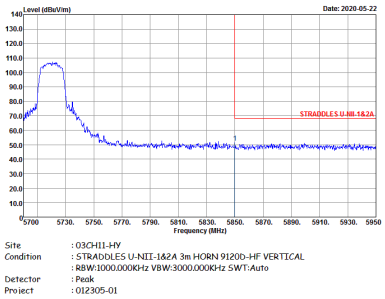
Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

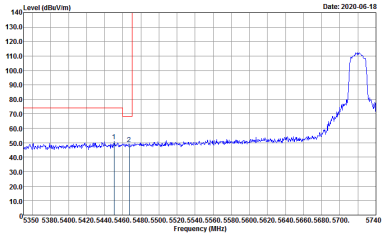
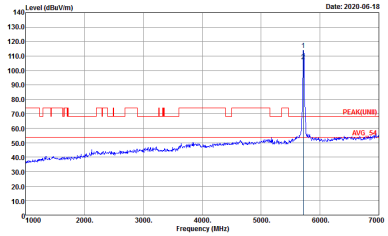
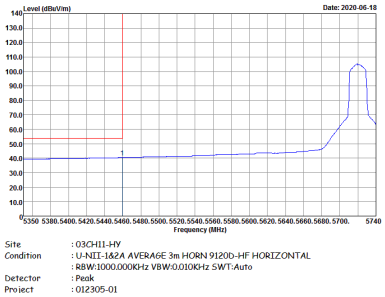
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : STRADDLES U-NII-1&2A 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : U-NII-1&2A AVERAGE 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

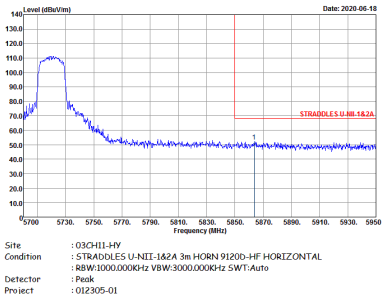
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1+2	Horizontal	Fundamental
Peak		Left blank

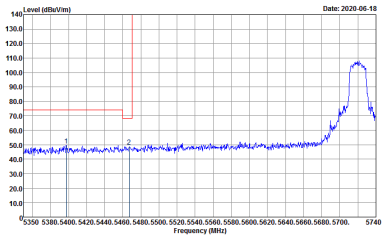
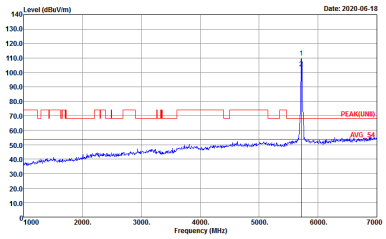
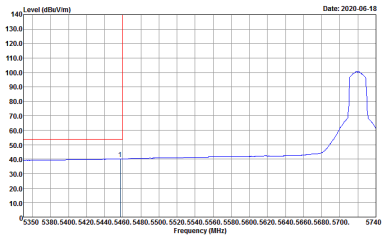
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : STRADDLES U-NII-1&2A 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : U-NII-1&2A AVERAGE 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

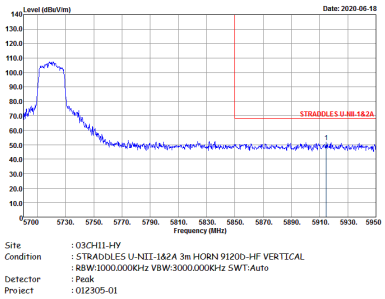
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

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

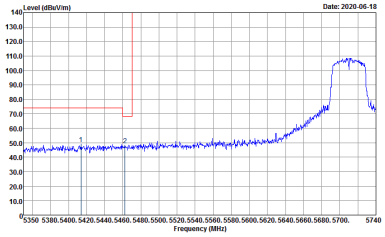
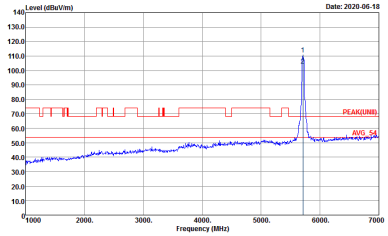
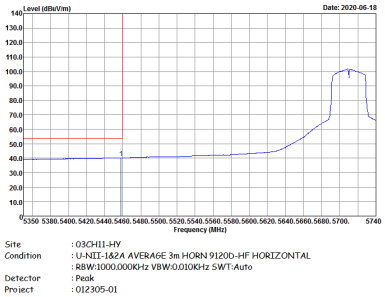
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

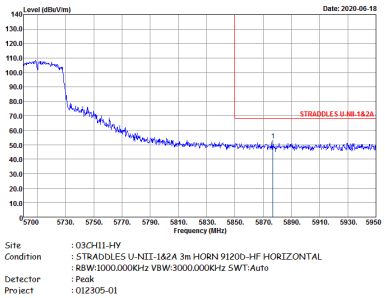
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

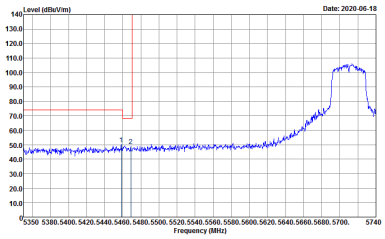
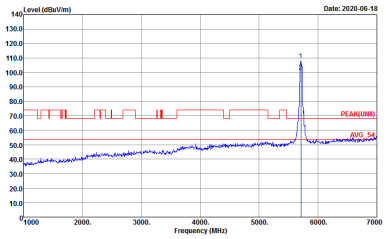
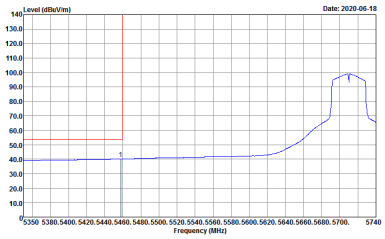
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : STRADDLES U-NII-1&2A 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : U-NII-1&2A AVERAGE 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

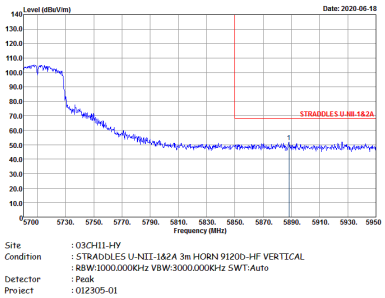
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

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

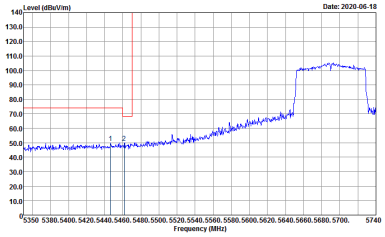
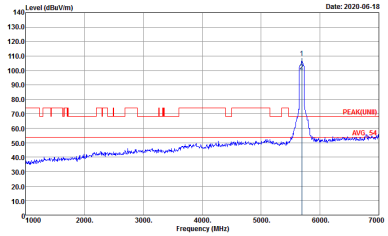
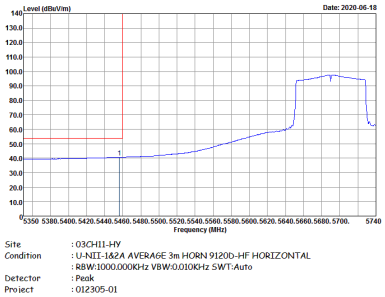
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

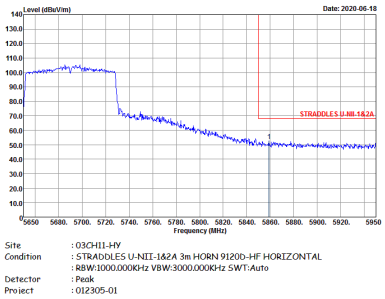
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

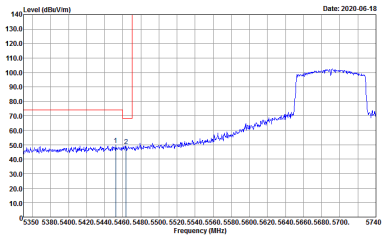
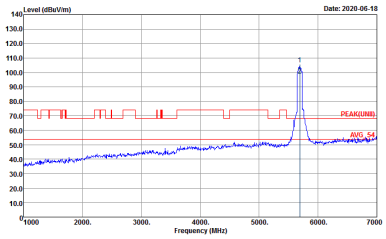
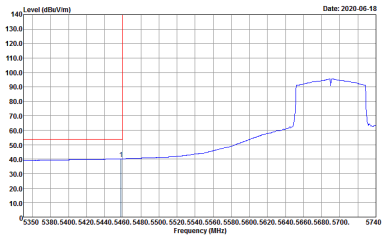
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : STRADDLES U-NII-1&2A 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : U-NII-1&2A AVERAGE 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

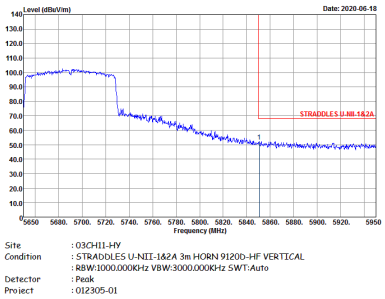
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

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

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak		
Avg.		Left blank

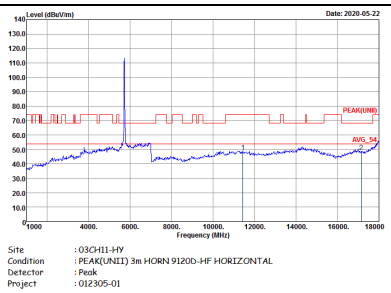
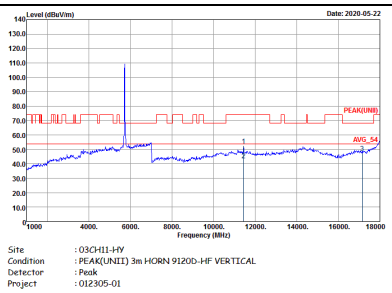
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : STRADDLES U-NII-1&2A 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : PEAK(UNII) 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 012305-01
Avg.	 Site : 03CH11-HY Condition : U-NII-1&2A AVERAGE 3m HORN 9120D-HF VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 012305-01	Left blank

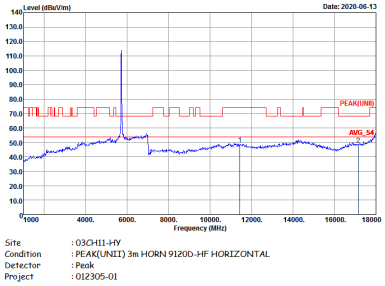
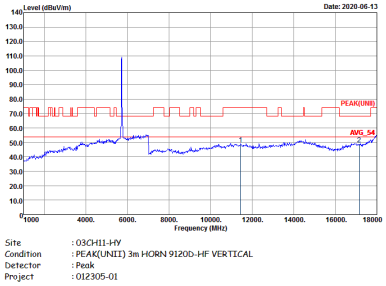
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

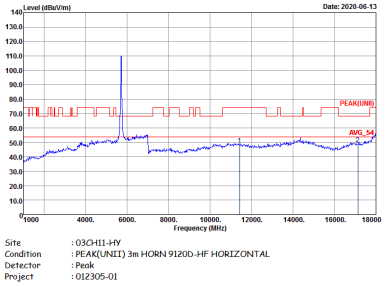
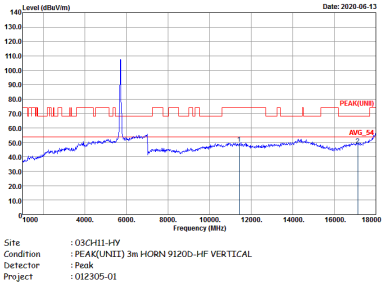
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.		

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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.		

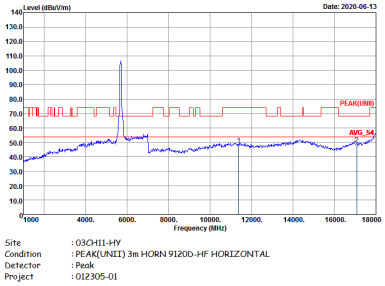
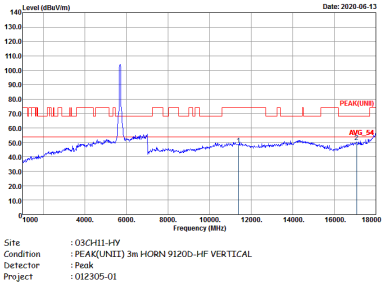
Band 3 – Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1+2	Horizontal	Vertical
Peak Avg.		

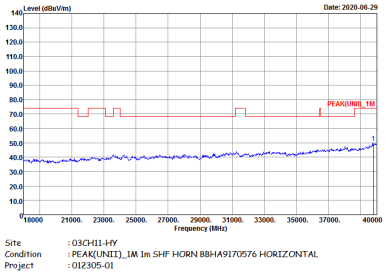
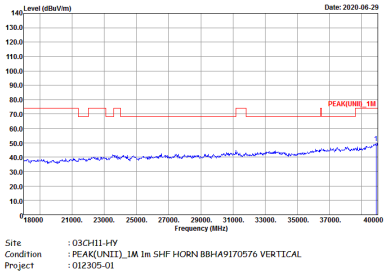
Band 3 – Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2	Horizontal	Vertical
Peak Avg.		

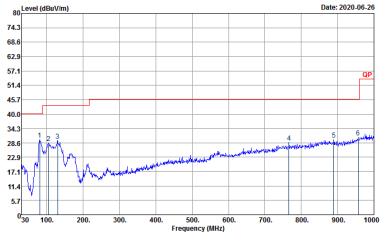
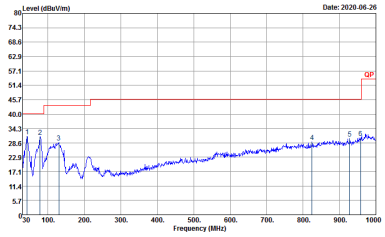
Emission above 18GHz

5GHz WIFI 802.11ac VHT80 (SHF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 SHF	
1+2	Horizontal	Vertical
QP / Peak		

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH11-HY Condition : QP 3m BI-LOG 6111D-LF_ETC HORIZONTAL Detector : Peak Project : 012305-01	 Site : 03CH11-HY Condition : QP 3m BI-LOG 6111D-LF_ETC VERTICAL Detector : Peak Project : 012305-01