

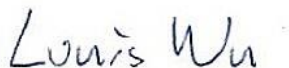


FCC RADIO TEST REPORT

FCC ID : 2AVRLS10W0
Equipment : Tablet
Brand Name : BYJU'S
Model Name : LRNS10GNW0
Applicant : Tangible Play Inc.
195 Page Mill Rd, Ste 105, Palo Alto,
CA 94306 United States
Manufacturer : Tangible Play Inc.
195 Page Mill Rd, Ste 105, Palo Alto,
CA 94306 United States
Standard : FCC Part 15 Subpart E §15.407

The product was received on Oct. 30, 2020 and testing was started from Oct. 30, 2020 and completed on Nov. 26, 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.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR003042D	01	Initial issue of report	May 18, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 0.65 dB at 5350.320 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 10.01 dB at 1.517 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Wii Chang

Report Producer: Vivian Hsu

1 General Description

1.1 Product Feature of Equipment Under Test

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

Product Specification subjective to this standard	
Antenna Type	WLAN: PCB Antenna Bluetooth: PCB Antenna GPS: PCB Antenna
Antenna Gain	<5180 MHz ~ 5240 MHz>: 3.51 dBi <5260 MHz ~ 5320 MHz>: 3.51 dBi <5500 MHz ~ 5720 MHz>: 4.04 dBi

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2 Modification of EUT

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

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	Sporton Site No.		
	TH02-HY	CO05-HY	03CH07-HY

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

FCC designation No.: TW1190

1.4 Applicable Standards

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

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

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

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

2.1 Carrier Frequency and Channel

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

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

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

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

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

Note:

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

2.2 Test Mode

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

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

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + Camera (Top) + Earphone + Adapter + SD Card

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

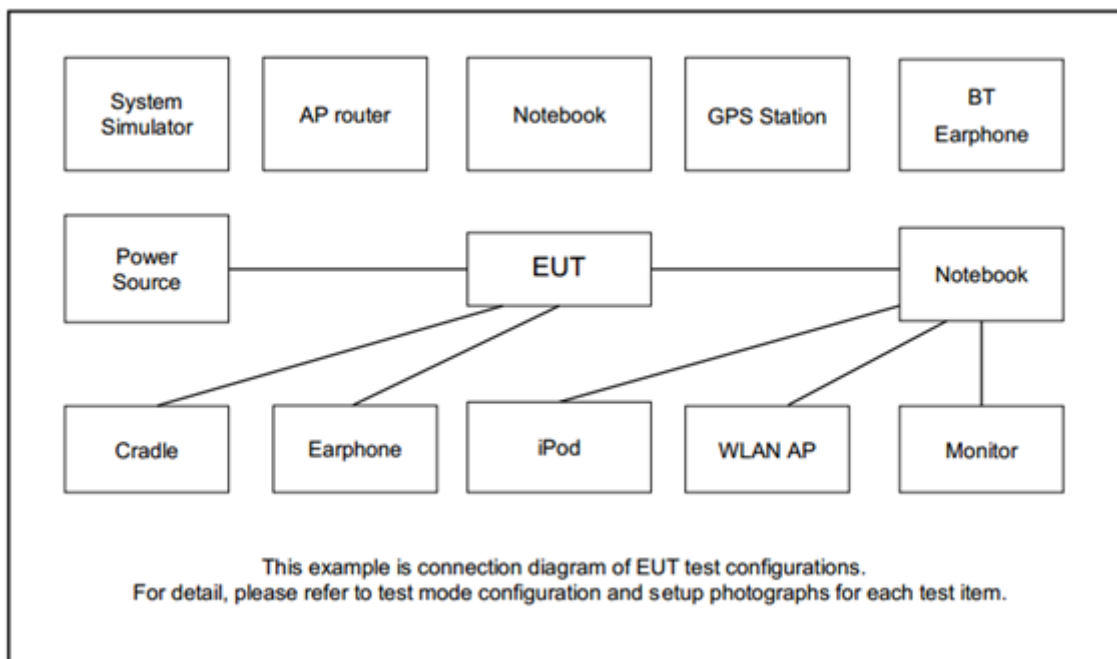
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

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



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
4.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
5.	Notebook	Dell	Latitude 3400	FCC DOC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

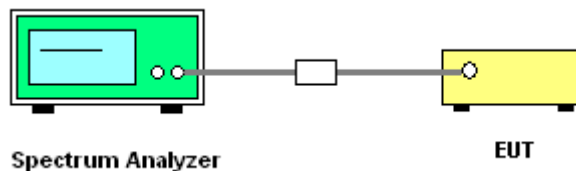
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

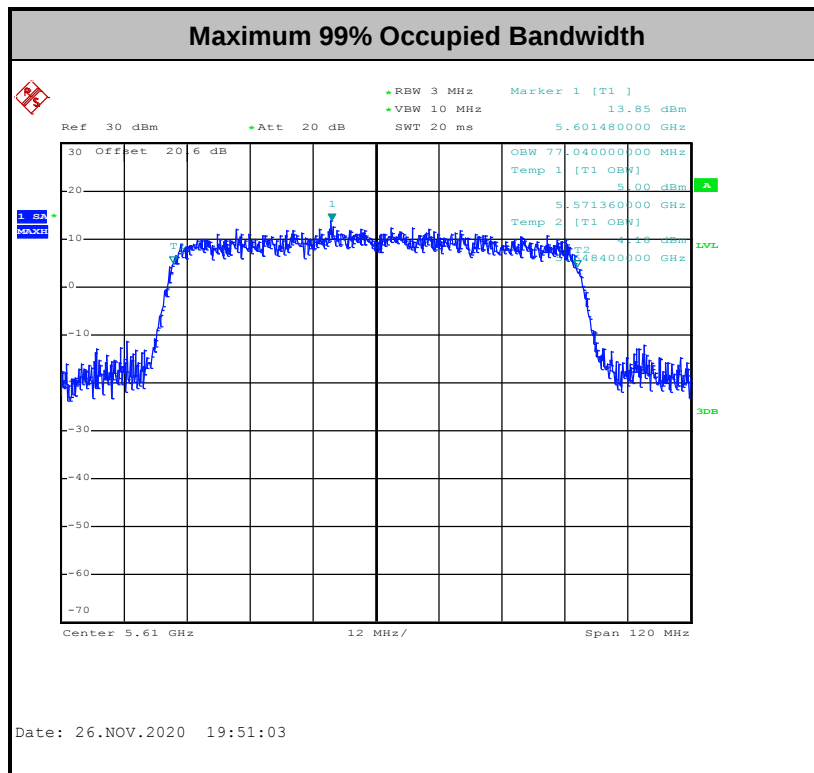
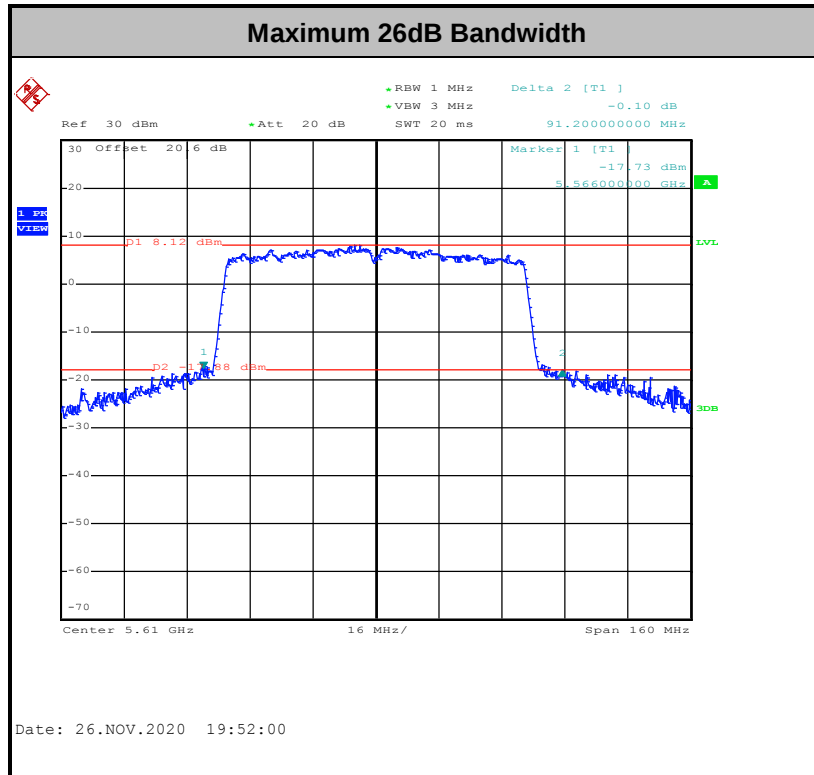
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

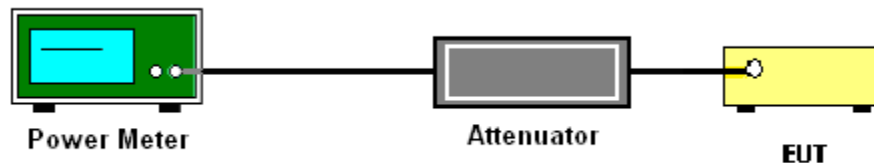
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

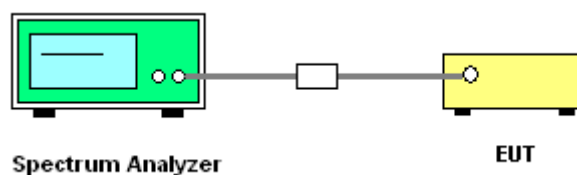
Section F) Maximum power spectral density.

Method SA-3

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

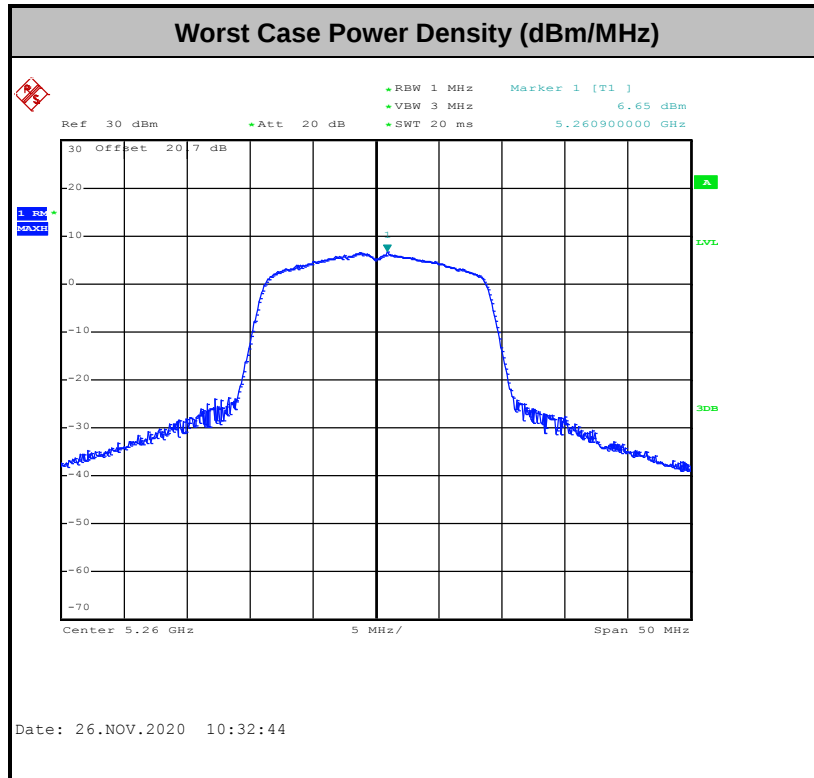
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission 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.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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



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

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

- (i) 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

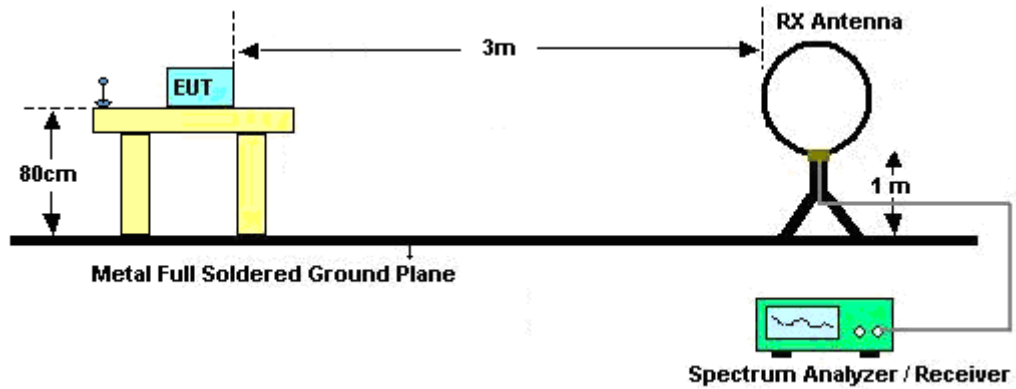
- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

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

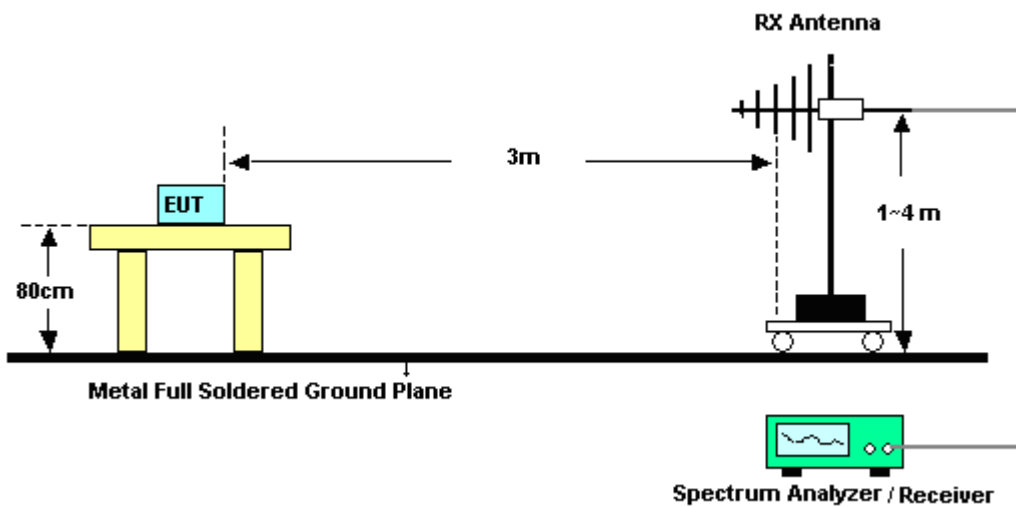
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2.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

3.4.4 Test Setup

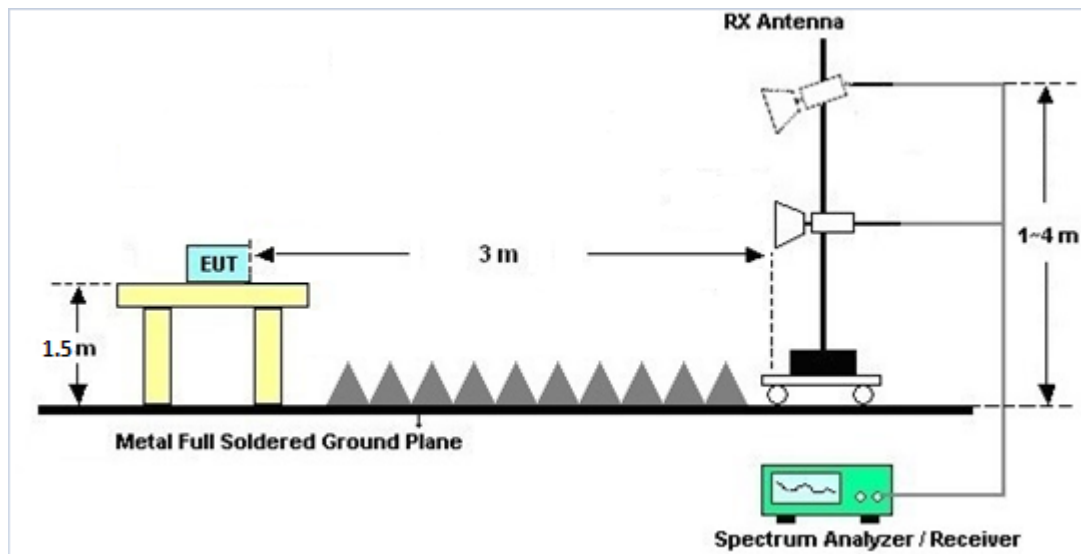
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

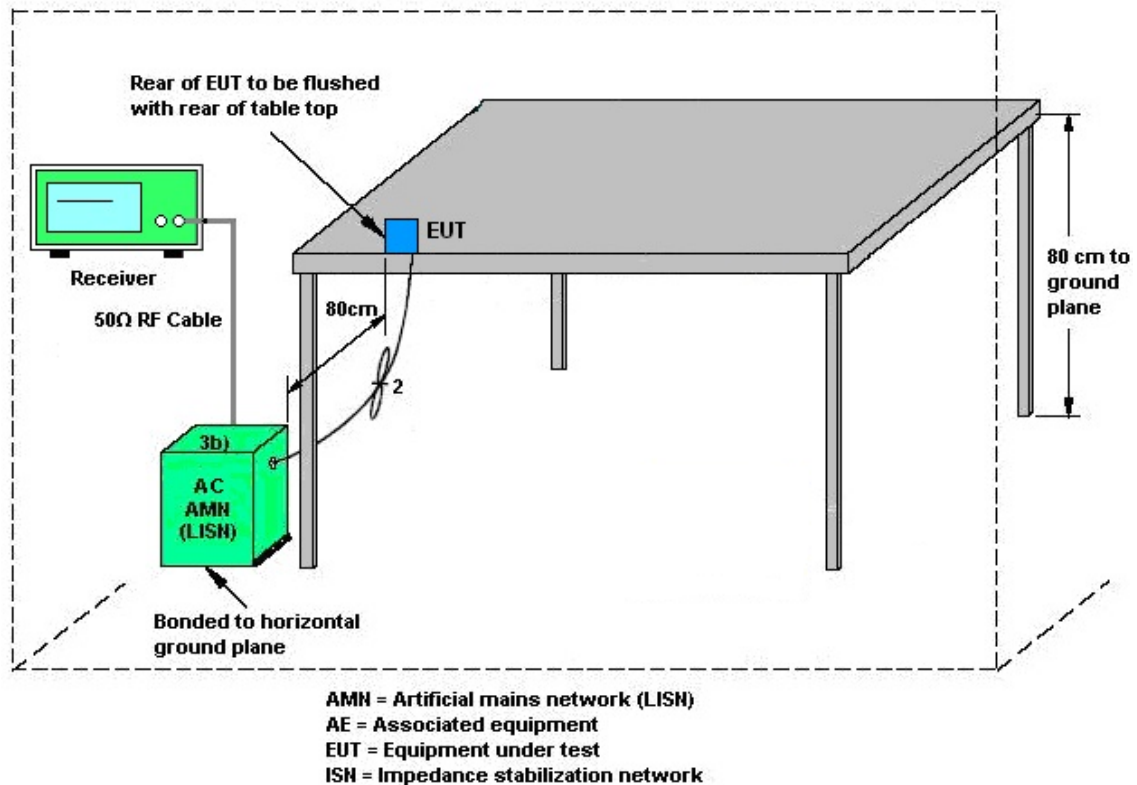
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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



3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Dec. 26, 2019	Oct. 30, 2020~Nov. 14, 2020	Dec. 25, 2020	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D0 1N-06	35419 & 03	30MHz~1GHz	Apr. 29, 2020	Oct. 30, 2020~Nov. 14, 2020	Apr. 28, 2021	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 06, 2019	Oct. 30, 2020~Nov. 14, 2020	Dec. 05, 2020	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz~40GHz	Dec. 10, 2019	Oct. 30, 2020~Nov. 14, 2020	Dec. 09, 2020	Radiation (03CH07-HY)
EMI Test Receiver	Agilent	N9038A (MXE)	MY53290053	20Hz~26.5GHz	May 21, 2020	Oct. 30, 2020~Nov. 14, 2020	May 20, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jun. 09, 2020	Oct. 30, 2020~Nov. 14, 2020	Jun. 08, 2021	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 19, 2020	Oct. 30, 2020~Nov. 14, 2020	May 18, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-001 01800-30-10 P	1590075	1GHz~18GHz	Apr. 23, 2020	Oct. 30, 2020~Nov. 14, 2020	Apr. 22, 2021	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Nov. 01, 2019	Oct. 30, 2020	Oct. 31, 2020	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 31, 2020	Oct. 31, 2020~Nov. 14, 2020	Oct. 30, 2021	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Oct. 30, 2020~Nov. 14, 2020	Dec. 12, 2020	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2,80 1606/2	18GHz~40GHz	Feb. 25, 2020	Oct. 30, 2020~Nov. 14, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4, MY28655/4	9kHz~30MHz	Feb. 25, 2020	Oct. 30, 2020~Nov. 14, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	30MHz~1GHz	Feb. 25, 2020	Oct. 30, 2020~Nov. 14, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4, MY24971/4, MY15682/4	1GHz~18GHz	Feb. 25, 2020	Oct. 30, 2020~Nov. 14, 2020	Feb. 24, 2021	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	N/A	Oct. 30, 2020~Nov. 14, 2020	N/A	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	Oct. 30, 2020~Nov. 14, 2020	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Oct. 30, 2020~Nov. 14, 2020	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	N/A	Oct. 30, 2020~Nov. 14, 2020	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Oct. 30, 2020~Nov. 14, 2020	N/A	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Nov. 13, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 11, 2020	Nov. 13, 2020	Sep. 10, 2021	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 20, 2019	Nov. 13, 2020	Nov. 19, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 13, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Nov. 13, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Nov. 13, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Nov. 13, 2020	Mar. 01, 2021	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Nov. 19, 2020~ Nov. 26, 2020	Mar. 01, 2021	Conducted (TH02-HY)
Power Sensor	DARE	RPR3006W	16I00054SN O10	10MHz~6GHz	Dec. 23, 2019	Nov. 19, 2020~ Nov. 26, 2020	Dec. 22, 2020	Conducted (TH02-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz ~ 40GHz	Jul. 22, 2020	Nov. 19, 2020~ Nov. 26, 2020	Jul. 21, 2021	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz-40GHz	Dec. 30, 2019	Nov. 19, 2020~ Nov. 26, 2020	Dec. 29, 2020	Conducted (TH02-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Nov. 19, 2020~ Nov. 26, 2020	Mar. 16, 2021	Conducted (TH02-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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Jacob Yu/Shiming Liu	Temperature:	23.6~23.9	°C
Test Date:	2020/11/19~2020/11/26	Relative Humidity:	53.7~54.3	%

TEST RESULTS DATA
26dB and 99% OBW

Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	16.55	-	21.55	-	-	-	22.19	-	
11a	6Mbps	1	44	5220	16.55	-	21.40	-	-	-	22.19	-	
11a	6Mbps	1	48	5240	16.55	-	21.50	-	-	-	22.19	-	
HT20	MCS0	1	36	5180	17.70	-	27.70	-	-	-	22.48	-	
HT20	MCS0	1	44	5220	17.65	-	27.20	-	-	-	22.47	-	
HT20	MCS0	1	48	5240	17.65	-	27.45	-	-	-	22.47	-	
HT40	MCS0	1	38	5190	36.20	-	41.76	-	-	-	23.01	-	
HT40	MCS0	1	46	5230	36.20	-	41.58	-	-	-	23.01	-	
VHT80	MCS0	1	42	5210	76.68	-	82.06	-	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC Band I single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	15.70	-		24.00	-	3.51	-		Pass
11a	6Mbps	1	44	5220	15.70	-		24.00	-	3.51	-		Pass
11a	6Mbps	1	48	5240	15.60	-		24.00	-	3.51	-		Pass
HT20	MCS0	1	36	5180	15.70	-		24.00	-	3.51	-		Pass
HT20	MCS0	1	44	5220	15.70	-		24.00	-	3.51	-		Pass
HT20	MCS0	1	48	5240	15.70	-		24.00	-	3.51	-		Pass
HT40	MCS0	1	38	5190	15.10	-		24.00	-	3.51	-		Pass
HT40	MCS0	1	46	5230	15.90	-		24.00	-	3.51	-		Pass
VHT20	MCS0	1	36	5180	15.60	-		24.00	-	3.51	-		Pass
VHT20	MCS0	1	44	5220	15.60	-		24.00	-	3.51	-		Pass
VHT20	MCS0	1	48	5240	15.60	-		24.00	-	3.51	-		Pass
VHT40	MCS0	1	38	5190	15.00	-		24.00	-	3.51	-		Pass
VHT40	MCS0	1	46	5230	15.80	-		24.00	-	3.51	-		Pass
VHT80	MCS0	1	42	5210	14.60	-		24.00	-	3.51	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna												
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	1	36	5180	6.39	-		11.00	-	3.51	-	Pass
11a	6Mbps	1	44	5220	6.33	-		11.00	-	3.51	-	Pass
11a	6Mbps	1	48	5240	6.19	-		11.00	-	3.51	-	Pass
HT20	MCS0	1	36	5180	6.20	-		11.00	-	3.51	-	Pass
HT20	MCS0	1	44	5220	6.02	-		11.00	-	3.51	-	Pass
HT20	MCS0	1	48	5240	6.29	-		11.00	-	3.51	-	Pass
HT40	MCS0	1	38	5190	2.60	-		11.00	-	3.51	-	Pass
HT40	MCS0	1	46	5230	3.48	-		11.00	-	3.51	-	Pass
VHT80	MCS0	1	42	5210	-1.19	-		11.00	-	3.51	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.65	-	21.60	-	23.21	-	29.21	-	23.98	-	
11a	6Mbps	1	60	5300	16.45	-	21.50	-	23.16	-	29.16	-	23.98	-	
11a	6Mbps	1	64	5320	16.60	-	21.50	-	23.20	-	29.20	-	23.98	-	
HT20	MCS0	1	52	5260	17.65	-	27.90	-	23.47	-	29.47	-	23.98	-	
HT20	MCS0	1	60	5300	17.65	-	27.75	-	23.47	-	29.47	-	23.98	-	
HT20	MCS0	1	64	5320	17.65	-	27.80	-	23.47	-	29.47	-	23.98	-	
HT40	MCS0	1	54	5270	36.20	-	41.40	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.30	-	41.58	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	76.68	-	81.92	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC Band II single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	15.60	-		23.98	-	3.51	-	26.99	Pass
11a	6Mbps	1	60	5300	15.90	-		23.98	-	3.51	-	26.99	Pass
11a	6Mbps	1	64	5320	15.80	-		23.98	-	3.51	-	26.99	Pass
HT20	MCS0	1	52	5260	15.80	-		23.98	-	3.51	-	26.99	Pass
HT20	MCS0	1	60	5300	15.70	-		23.98	-	3.51	-	26.99	Pass
HT20	MCS0	1	64	5320	15.70	-		23.98	-	3.51	-	26.99	Pass
HT40	MCS0	1	54	5270	15.90	-		23.98	-	3.51	-	26.99	Pass
HT40	MCS0	1	62	5310	14.40	-		23.98	-	3.51	-	26.99	Pass
VHT20	MCS0	1	52	5260	15.70	-		23.98	-	3.51	-	26.99	Pass
VHT20	MCS0	1	60	5300	15.60	-		23.98	-	3.51	-	26.99	Pass
VHT20	MCS0	1	64	5320	15.60	-		23.98	-	3.51	-	26.99	Pass
VHT40	MCS0	1	54	5270	15.80	-		23.98	-	3.51	-	26.99	Pass
VHT40	MCS0	1	62	5310	14.30	-		23.98	-	3.51	-	26.99	Pass
VHT80	MCS0	1	58	5290	14.10	-		23.98	-	3.51	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II single antenna												
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	1	52	5260	6.28	-		11.00	-	3.51	-	Pass
11a	6Mbps	1	60	5300	6.07	-		11.00	-	3.51	-	Pass
11a	6Mbps	1	64	5320	6.03	-		11.00	-	3.51	-	Pass
HT20	MCS0	1	52	5260	6.65	-		11.00	-	3.51	-	Pass
HT20	MCS0	1	60	5300	6.47	-		11.00	-	3.51	-	Pass
HT20	MCS0	1	64	5320	6.21	-		11.00	-	3.51	-	Pass
HT40	MCS0	1	54	5270	3.26	-		11.00	-	3.51	-	Pass
HT40	MCS0	1	62	5310	1.78	-		11.00	-	3.51	-	Pass
VHT80	MCS0	1	58	5290	-1.89	-		11.00	-	3.51	-	Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.55	-	24.00	-	23.19	-	29.19	-	23.98	-	----	----
11a	6Mbps	1	116	5580	16.60	-	24.10	-	23.20	-	29.20	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.60	-	24.10	-	23.20	-	29.20	-	23.98	-	----	----
HT20	MCS0	1	100	5500	17.65	-	28.40	-	23.47	-	29.47	-	23.98	-	----	----
HT20	MCS0	1	116	5580	17.65	-	28.20	-	23.47	-	29.47	-	23.98	-	----	----
HT20	MCS0	1	140	5700	17.70	-	27.95	-	23.48	-	29.48	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.30	-	44.28	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	36.30	-	50.40	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	36.30	-	55.38	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	76.68	-	81.60	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	77.04	-	91.20	-	23.98	-	30.00	-	23.98	-	----	----

Band III straddle channel single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.35	-	17.50	-	22.25	-	28.25	-	23.43	-	2.55	-
HT20	MCS0	1	144	5720	13.85	-	19.50	-	22.41	-	28.41	-	23.90	-	2.55	-
HT40	MCS0	1	142	5710	33.30	-	38.02	-	23.98	-	30.00	-	23.98	-	2.55	-
VHT80	MCS0	1	138	5690	73.52	-	89.56	-	23.98	-	30.00	-	23.98	-	2.61	-

TEST RESULTS DATA**Average Power Table**

FCC Band III single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	15.90	-		23.98	-	4.04	-	26.99	Pass
11a	6Mbps	1	116	5580	15.60	-		23.98	-	4.04	-	26.99	Pass
11a	6Mbps	1	140	5700	15.70	-		23.98	-	4.04	-	26.99	Pass
HT20	MCS0	1	100	5500	15.80	-		23.98	-	4.04	-	26.99	Pass
HT20	MCS0	1	116	5580	15.70	-		23.98	-	4.04	-	26.99	Pass
HT20	MCS0	1	140	5700	15.90	-		23.98	-	4.04	-	26.99	Pass
HT40	MCS0	1	102	5510	15.70	-		23.98	-	4.04	-	26.99	Pass
HT40	MCS0	1	110	5550	15.70	-		23.98	-	4.04	-	26.99	Pass
HT40	MCS0	1	134	5670	15.90	-		23.98	-	4.04	-	26.99	Pass
VHT20	MCS0	1	100	5500	15.70	-		23.98	-	4.04	-	26.99	Pass
VHT20	MCS0	1	116	5580	15.60	-		23.98	-	4.04	-	26.99	Pass
VHT20	MCS0	1	140	5700	15.80	-		23.98	-	4.04	-	26.99	Pass
VHT40	MCS0	1	102	5510	15.60	-		23.98	-	4.04	-	26.99	Pass
VHT40	MCS0	1	110	5550	15.60	-		23.98	-	4.04	-	26.99	Pass
VHT40	MCS0	1	134	5670	15.80	-		23.98	-	4.04	-	26.99	Pass
VHT80	MCS0	1	106	5530	14.80	-		23.98	-	4.04	-	26.99	Pass
VHT80	MCS0	1	122	5610	15.90	-		23.98	-	4.04	-	26.99	Pass

FCC Band III straddle channel single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	15.80	-		23.43	-	4.04	-	26.99	Pass
HT20	MCS0	1	144	5720	15.70	-		23.90	-	4.04	-	26.99	Pass
HT40	MCS0	1	142	5710	15.90	-		23.98	-	4.04	-	26.99	Pass
VHT20	MCS0	1	144	5720	15.60	-		23.98	-	4.04	-	26.99	Pass
VHT40	MCS0	1	142	5710	15.80	-		23.98	-	4.04	-	26.99	Pass
VHT80	MCS0	1	138	5690	15.90	-		23.98	-	4.04	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III single antenna													
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	1	100	5500	6.27	-		11.00	-	4.04	-		Pass
11a	6Mbps	1	116	5580	6.19	-		11.00	-	4.04	-		Pass
11a	6Mbps	1	140	5700	5.82	-		11.00	-	4.04	-		Pass
HT20	MCS0	1	100	5500	6.42	-		11.00	-	4.04	-		Pass
HT20	MCS0	1	116	5580	6.07	-		11.00	-	4.04	-		Pass
HT20	MCS0	1	140	5700	5.57	-		11.00	-	4.04	-		Pass
HT40	MCS0	1	102	5510	3.82	-		11.00	-	4.04	-		Pass
HT40	MCS0	1	110	5550	3.70	-		11.00	-	4.04	-		Pass
HT40	MCS0	1	134	5670	3.75	-		11.00	-	4.04	-		Pass
VHT80	MCS0	1	106	5530	-1.09	-		11.00	-	4.04	-		Pass
VHT80	MCS0	1	122	5610	0.26	-		11.00	-	4.04	-		Pass

Band III straddle channel single antenna													
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	1	144	5720	5.67	-		11.00	-	4.04	-		Pass
HT20	MCS0	1	144	5720	5.73	-		11.00	-	4.04	-		Pass
HT40	MCS0	1	142	5710	3.43	-		11.00	-	4.04	-		Pass
VHT80	MCS0	1	138	5690	0.09	-		11.00	-	4.04	-		Pass



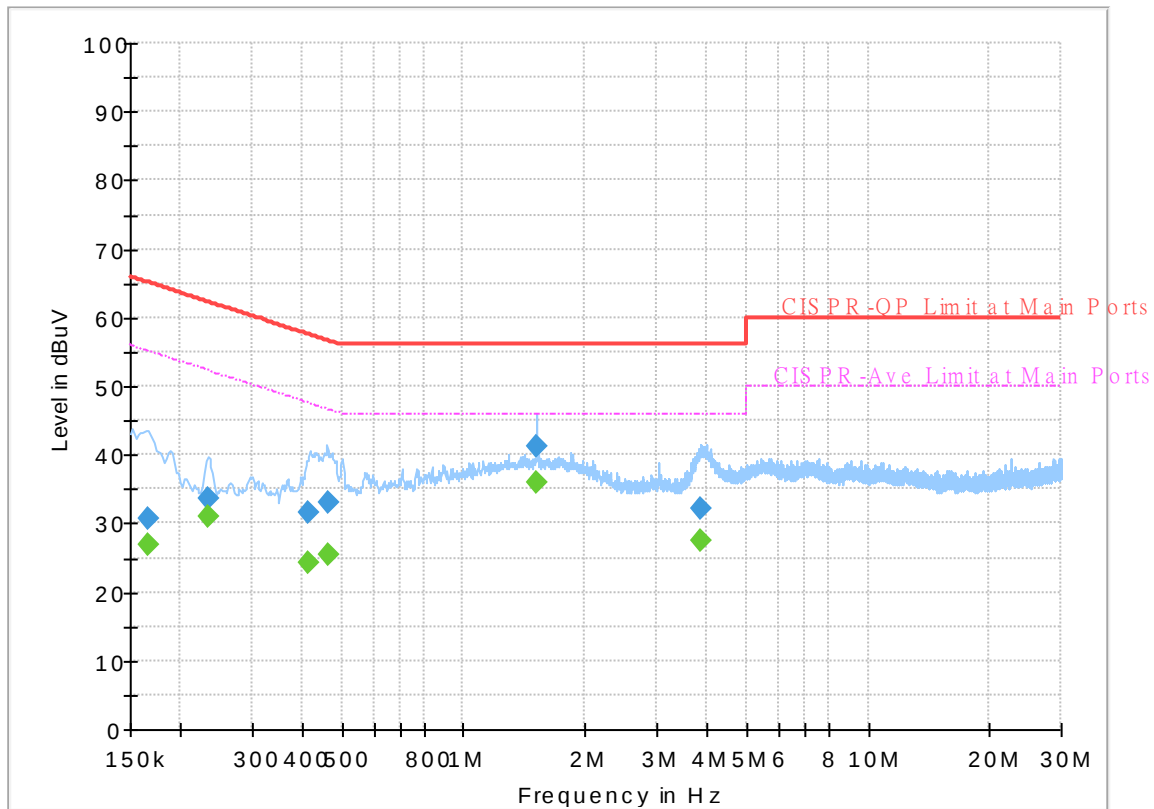
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee	Temperature :	23~26℃
		Relative Humidity :	40~50%

EUT Information

Report NO : 003042
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



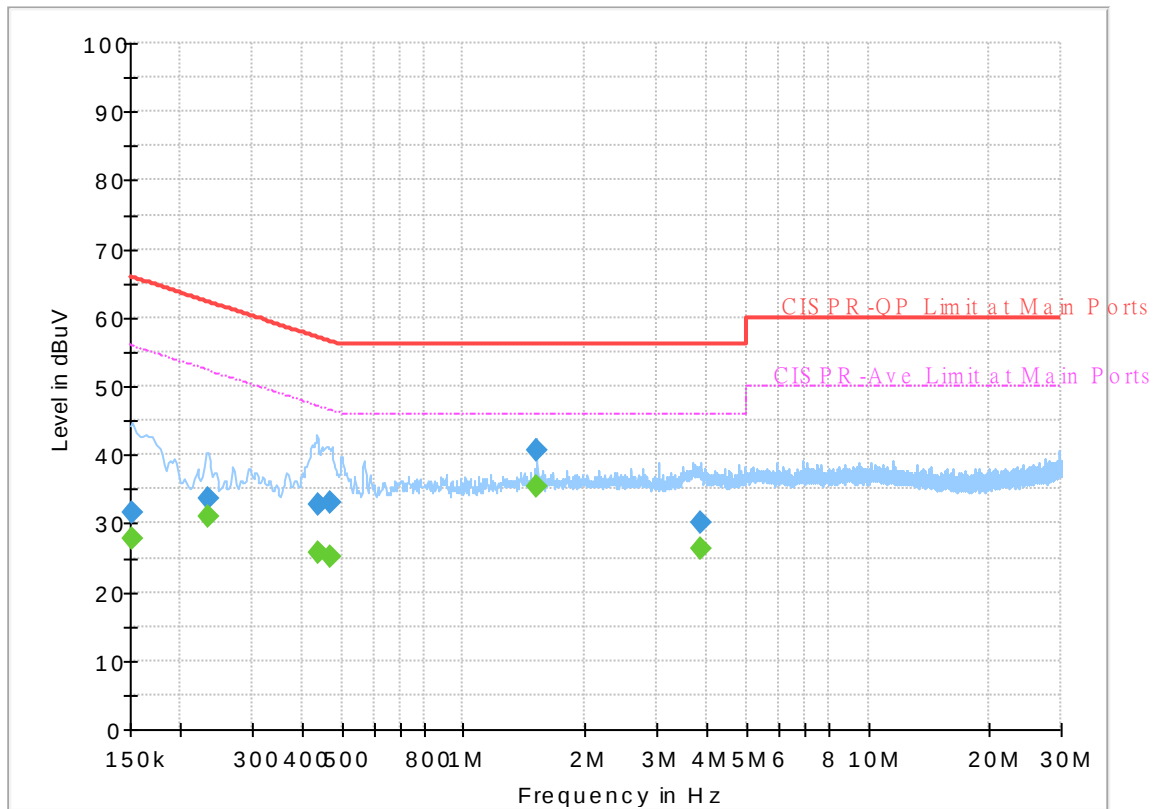
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.166650	---	26.88	55.13	28.25	L1	OFF	19.4
0.166650	30.61	---	65.13	34.52	L1	OFF	19.4
0.233790	---	31.11	52.31	21.20	L1	OFF	19.4
0.233790	33.54	---	62.31	28.77	L1	OFF	19.4
0.415320	---	24.39	47.54	23.15	L1	OFF	19.4
0.415320	31.71	---	57.54	25.83	L1	OFF	19.4
0.461130	---	25.32	46.67	21.35	L1	OFF	19.4
0.461130	33.07	---	56.67	23.60	L1	OFF	19.4
1.517460	---	35.99	46.00	10.01	L1	OFF	19.5
1.517460	41.14	---	56.00	14.86	L1	OFF	19.5
3.866910	---	27.55	46.00	18.45	L1	OFF	19.6
3.866910	32.08	---	56.00	23.92	L1	OFF	19.6

EUT Information

Report NO : 003042
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	27.83	55.88	28.05	N	OFF	19.5
0.152250	31.61	---	65.88	34.27	N	OFF	19.5
0.233700	---	31.14	52.32	21.18	N	OFF	19.5
0.233700	33.50	---	62.32	28.82	N	OFF	19.5
0.438000	---	25.71	47.10	21.39	N	OFF	19.5
0.438000	32.89	---	57.10	24.21	N	OFF	19.5
0.467250	---	25.24	46.56	21.32	N	OFF	19.5
0.467250	33.10	---	56.56	23.46	N	OFF	19.5
1.518360	---	35.40	46.00	10.60	N	OFF	19.6
1.518360	40.56	---	56.00	15.44	N	OFF	19.6
3.847920	---	26.46	46.00	19.54	N	OFF	19.7
3.847920	30.13	---	56.00	25.87	N	OFF	19.7



Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	23~25°C
		Relative Humidity :	51~58%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5146.12	58.55	-15.45	74	47.88	34.4	11.55	35.28	220	15	P	H
		5150	52.24	-1.76	54	41.56	34.4	11.56	35.28	220	15	A	H
	*	5180	110.18	-	-	99.4	34.47	11.58	35.27	220	15	P	H
	*	5180	102.88	-	-	92.1	34.47	11.58	35.27	220	15	A	H
													H
													H
		5142.74	57.83	-16.17	74	47.17	34.4	11.55	35.29	337	30	P	V
		5149.5	50.39	-3.61	54	39.71	34.4	11.56	35.28	337	30	A	V
	*	5180	109.36	-	-	98.58	34.47	11.58	35.27	337	30	P	V
	*	5180	102.26	-	-	91.48	34.47	11.58	35.27	337	30	A	V
													V
													V
802.11a CH 44 5220MHz		5145.34	52.17	-21.83	74	41.5	34.4	11.55	35.28	206	14	P	H
		5150	44.94	-9.06	54	34.26	34.4	11.56	35.28	206	14	A	H
	*	5220	112.97	-	-	102.1	34.5	11.62	35.25	206	14	P	H
	*	5220	105.89	-	-	95.02	34.5	11.62	35.25	206	14	A	H
		5413.8	50.05	-23.95	74	38.68	34.7	11.83	35.16	206	14	P	H
		5386.08	41.88	-12.12	54	30.62	34.63	11.8	35.17	206	14	A	H
		5147.94	50.75	-23.25	74	40.07	34.4	11.56	35.28	301	23	P	V
		5148.72	43.55	-10.45	54	32.87	34.4	11.56	35.28	301	23	A	V
	*	5220	114.73	-	-	103.86	34.5	11.62	35.25	301	23	P	V
	*	5220	107.48	-	-	96.61	34.5	11.62	35.25	301	23	A	V
		5374.88	49.22	-24.78	74	38.04	34.57	11.78	35.17	301	23	P	V
		5386.36	41.09	-12.91	54	29.83	34.63	11.8	35.17	301	23	A	V



802.11a CH 48 5240MHz		5069.16	49.93	-24.07	74	39.58	34.17	11.49	35.31	203	8	P	H
		5078.52	41.33	-12.67	54	30.91	34.23	11.5	35.31	203	8	A	H
	*	5240	112.48	-	-	101.58	34.5	11.64	35.24	203	8	P	H
	*	5240	105.34	-	-	94.44	34.5	11.64	35.24	203	8	A	H
		5410.44	49.8	-24.2	74	38.44	34.7	11.82	35.16	203	8	P	H
		5406.8	42.14	-11.86	54	30.78	34.7	11.82	35.16	203	8	A	H
		5140.66	49.71	-24.29	74	39.05	34.4	11.55	35.29	298	21	P	V
		5143.52	41.95	-12.05	54	31.29	34.4	11.55	35.29	298	21	A	V
	*	5240	114.11	-	-	103.21	34.5	11.64	35.24	298	21	P	V
	*	5240	106.93	-	-	96.03	34.5	11.64	35.24	298	21	A	V
		5362.56	49.69	-24.31	74	38.53	34.57	11.77	35.18	298	21	P	V
		5354.16	41.44	-12.56	54	30.36	34.5	11.76	35.18	298	21	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	43.58	-24.62	68.2	47.51	37.47	17.63	59.03	100	0	P	H
		15540	46.61	-27.39	74	41.64	40.1	21.64	56.77	100	0	P	H
													H
													H
		10360	44.67	-23.53	68.2	48.6	37.47	17.63	59.03	100	0	P	V
		15540	48.35	-25.65	74	43.38	40.1	21.64	56.77	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	45.26	-22.94	68.2	49	37.53	17.7	58.97	100	0	P	H
		15660	47.67	-26.33	74	42.26	40.45	21.71	56.75	100	0	P	H
													H
													H
		10440	45.03	-23.17	68.2	48.77	37.53	17.7	58.97	100	0	P	V
		15660	51.39	-22.61	74	45.98	40.45	21.71	56.75	200	8	P	V
		15660	43.03	-10.97	54	37.62	40.45	21.71	56.75	200	8	A	V
													V
802.11a CH 48 5240MHz		10480	44.25	-23.95	68.2	47.88	37.58	17.73	58.94	100	0	P	H
		15720	48.15	-25.85	74	42.58	40.58	21.73	56.74	100	0	P	H
													H
													H
		10480	44.08	-24.12	68.2	47.71	37.58	17.73	58.94	100	0	P	V
		15720	51.82	-22.18	74	46.25	40.58	21.73	56.74	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5148.2	60.27	-13.73	74	49.59	34.4	11.56	35.28	215	17	P	H
		5150	51.9	-2.1	54	41.22	34.4	11.56	35.28	215	17	A	H
	*	5180	109.56	-	-	98.78	34.47	11.58	35.27	215	17	P	H
	*	5180	102.01	-	-	91.23	34.47	11.58	35.27	215	17	A	H
													H
													H
		5148.72	57.77	-16.23	74	47.09	34.4	11.56	35.28	337	32	P	V
		5150.02	50.14	-99.86	150	39.46	34.4	11.56	35.28	337	32	A	V
	*	5180	108.94	-	-	98.16	34.47	11.58	35.27	337	32	P	V
	*	5180	101.59	-	-	90.81	34.47	11.58	35.27	337	32	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5144.56	55.23	-18.77	74	44.56	34.4	11.55	35.28	207	13	P	H
		5150	44.67	-9.33	54	33.99	34.4	11.56	35.28	207	13	A	H
	*	5220	112.5	-	-	101.63	34.5	11.62	35.25	207	13	P	H
	*	5220	105.31	-	-	94.44	34.5	11.62	35.25	207	13	A	H
		5382.72	48.96	-25.04	74	37.71	34.63	11.79	35.17	207	13	P	H
		5387.76	42.23	-11.77	54	30.97	34.63	11.8	35.17	207	13	A	H
		5144.82	53.27	-20.73	74	42.6	34.4	11.55	35.28	302	24	P	V
		5149.5	44.03	-9.97	54	33.35	34.4	11.56	35.28	302	24	A	V
	*	5220	113.93	-	-	103.06	34.5	11.62	35.25	302	24	P	V
	*	5220	107.08	-	-	96.21	34.5	11.62	35.25	302	24	A	V
		5365.08	50.01	-23.99	74	38.85	34.57	11.77	35.18	302	24	P	V
		5388.6	41.16	-12.84	54	29.9	34.63	11.8	35.17	302	24	A	V



802.11n HT20 CH 48 5240MHz		5149.5	49.8	-24.2	74	39.12	34.4	11.56	35.28	204	8	P	H
		5147.68	41.45	-12.55	54	30.77	34.4	11.56	35.28	204	8	A	H
	*	5240	112.39	-	-	101.49	34.5	11.64	35.24	204	8	P	H
	*	5240	104.91	-	-	94.01	34.5	11.64	35.24	204	8	A	H
		5413.24	49.91	-24.09	74	38.54	34.7	11.83	35.16	204	8	P	H
		5409.04	42.22	-11.78	54	30.86	34.7	11.82	35.16	204	8	A	H
		5150	50.06	-23.94	74	39.38	34.4	11.56	35.28	272	24	P	V
		5147.94	41.85	-12.15	54	31.17	34.4	11.56	35.28	272	24	A	V
	*	5240	114.78	-	-	103.88	34.5	11.64	35.24	272	24	P	V
	*	5240	107.37	-	-	96.47	34.5	11.64	35.24	272	24	A	V
		5405.4	49.31	-24.69	74	37.95	34.7	11.82	35.16	272	24	P	V
		5405.96	41.9	-12.1	54	30.54	34.7	11.82	35.16	272	24	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	43.68	-24.52	68.2	47.61	37.47	17.63	59.03	100	0	P	H
		15540	45.94	-28.06	74	40.97	40.1	21.64	56.77	100	0	P	H
													H
													H
		10360	44.82	-23.38	68.2	48.75	37.47	17.63	59.03	100	0	P	V
		15540	45.86	-28.14	74	40.89	40.1	21.64	56.77	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.62	-23.58	68.2	48.36	37.53	17.7	58.97	100	0	P	H
		15660	47.49	-26.51	74	42.08	40.45	21.71	56.75	100	0	P	H
													H
													H
		10440	43.87	-24.33	68.2	47.61	37.53	17.7	58.97	100	0	P	V
		15660	52.17	-21.83	74	46.76	40.45	21.71	56.75	202	5	P	V
		15660	42.19	-11.81	54	36.78	40.45	21.71	56.75	202	5	A	V
													V
802.11n HT20 CH 48 5240MHz		10480	44.66	-23.54	68.2	48.29	37.58	17.73	58.94	100	0	P	H
		15720	48.23	-25.77	74	42.66	40.58	21.73	56.74	100	0	P	H
													H
													H
		10480	44.12	-24.08	68.2	47.75	37.58	17.73	58.94	100	0	P	V
		15720	49.78	-24.22	74	44.21	40.58	21.73	56.74	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.24	60.02	-13.98	74	49.34	34.4	11.56	35.28	228	17	P	H
		5150	52.09	-1.91	54	41.41	34.4	11.56	35.28	228	17	A	H
	*	5190	103.34	-	-	92.55	34.47	11.59	35.27	228	17	P	H
	*	5190	95.39	-	-	84.6	34.47	11.59	35.27	228	17	A	H
		5370.68	49.78	-24.22	74	38.61	34.57	11.78	35.18	228	17	P	H
		5350.8	41.41	-12.59	54	30.33	34.5	11.76	35.18	228	17	A	H
		5141.96	58.09	-15.91	74	47.43	34.4	11.55	35.29	205	96	P	V
		5147.68	51.34	-2.66	54	40.66	34.4	11.56	35.28	205	96	A	V
	*	5188	103.87	-	-	93.08	34.47	11.59	35.27	205	96	P	V
	*	5188	95.39	-	-	84.6	34.47	11.59	35.27	205	96	A	V
		5349.96	50.81	-99.19	150	39.73	34.5	11.76	35.18	205	96	P	V
		5351.08	42.77	-11.23	54	31.69	34.5	11.76	35.18	205	96	A	V
802.11n HT40 CH 46 5230MHz		5150	57.39	-16.61	74	46.71	34.4	11.56	35.28	223	11	P	H
		5147.42	50.89	-3.11	54	40.21	34.4	11.56	35.28	223	11	A	H
	*	5230	108.67	-	-	97.78	34.5	11.63	35.24	223	11	P	H
	*	5230	100.55	-	-	89.66	34.5	11.63	35.24	223	11	A	H
		5358.36	54.29	-19.71	74	43.2	34.5	11.77	35.18	223	11	P	H
		5350.8	44.74	-9.26	54	33.66	34.5	11.76	35.18	223	11	A	H
		5150	58.89	-15.11	74	48.21	34.4	11.56	35.28	212	88	P	V
		5147.42	53.09	-0.91	54	42.41	34.4	11.56	35.28	212	88	A	V
	*	5230	109.5	-	-	98.61	34.5	11.63	35.24	212	88	P	V
	*	5230	101.58	-	-	90.69	34.5	11.63	35.24	212	88	A	V
		5377.4	54.06	-19.94	74	42.87	34.57	11.79	35.17	212	88	P	V
		5351.36	45.64	-8.36	54	34.56	34.5	11.76	35.18	212	88	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	43.38	-24.82	68.2	47.27	37.48	17.65	59.02	100	0	P	H
		15570	46.04	-27.96	74	40.94	40.2	21.67	56.77	100	0	P	H
													H
													H
		10380	43.91	-24.29	68.2	47.8	37.48	17.65	59.02	100	0	P	V
		15570	46.45	-27.55	74	41.35	40.2	21.67	56.77	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.82	-23.38	68.2	48.52	37.55	17.71	58.96	100	0	P	H
		15690	46.11	-27.89	74	40.59	40.55	21.72	56.75	100	0	P	H
													H
													H
		10460	43.9	-24.3	68.2	47.6	37.55	17.71	58.96	100	0	P	V
		15690	46.89	-27.11	74	41.37	40.55	21.72	56.75	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5147.42	59	-15	74	48.46	34.4	11.56	35.42	218	17	P	H
		5149.76	53.2	-0.8	54	42.66	34.4	11.56	35.42	218	17	A	H
	*	5210	96.96	-	-	86.25	34.5	11.61	35.4	218	17	P	H
	*	5210	89.78	-	-	79.07	34.5	11.61	35.4	218	17	A	H
		5410.44	48.2	-25.8	74	37.01	34.7	11.82	35.33	218	17	P	H
		5364.24	41.75	-12.25	54	30.76	34.57	11.77	35.35	218	17	A	H
		5149.76	55.92	-18.08	74	45.38	34.4	11.56	35.42	300	31	P	V
		5150	49.22	-4.78	54	38.68	34.4	11.56	35.42	300	31	A	V
	*	5210	98.02	-	-	87.31	34.5	11.61	35.4	300	31	P	V
	*	5210	91.06	-	-	80.35	34.5	11.61	35.4	300	31	A	V
		5374.88	47.65	-26.35	74	36.64	34.57	11.78	35.34	300	31	P	V
		5377.12	41.25	-12.75	54	30.23	34.57	11.79	35.34	300	31	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.02	-24.18	68.2	47.81	37.52	17.68	58.99	100	0	P	H
		15630	45.58	-28.42	74	40.25	40.4	21.69	56.76	100	0	P	H
													H
													H
		10420	43.36	-24.84	68.2	47.15	37.52	17.68	58.99	100	0	P	V
		15630	46.02	-27.98	74	40.69	40.4	21.69	56.76	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5128.1	48.52	-25.48	74	37.9	34.37	11.54	35.29	235	9	P	H
		5090.65	41.22	-12.78	54	30.72	34.3	11.51	35.31	235	9	A	H
	*	5260	111.97	-	-	100.97	34.57	11.66	35.23	235	9	P	H
	*	5260	104.19	-	-	93.19	34.57	11.66	35.23	235	9	A	H
		5353.2	50.28	-23.72	74	39.2	34.5	11.76	35.18	235	9	P	H
		5352.72	41.95	-12.05	54	30.87	34.5	11.76	35.18	235	9	A	H
		5143.15	50.14	-23.86	74	39.48	34.4	11.55	35.29	176	87	P	V
		5092.05	41.2	-12.8	54	30.7	34.3	11.51	35.31	176	87	A	V
	*	5260	113.92	-	-	102.92	34.57	11.66	35.23	176	87	P	V
	*	5260	106.03	-	-	95.03	34.57	11.66	35.23	176	87	A	V
		5368.8	49.76	-24.24	74	38.59	34.57	11.78	35.18	176	87	P	V
		5350.08	43.15	-10.85	54	32.07	34.5	11.76	35.18	176	87	A	V
802.11a CH 60 5300MHz		5131.6	51.33	-22.67	74	40.71	34.37	11.54	35.29	245	8	P	H
		5130.9	41.51	-12.49	54	30.89	34.37	11.54	35.29	245	8	A	H
	*	5300	111.68	-	-	100.48	34.7	11.7	35.2	245	8	P	H
	*	5300	104	-	-	92.8	34.7	11.7	35.2	245	8	A	H
		5352	58.84	-15.16	74	47.76	34.5	11.76	35.18	245	8	P	H
		5350.08	49.38	-4.62	54	38.3	34.5	11.76	35.18	245	8	A	H
		5137.9	50.45	-23.55	74	39.82	34.37	11.55	35.29	196	94	P	V
		5131.6	41.74	-12.26	54	31.12	34.37	11.54	35.29	196	94	A	V
	*	5300	113.68	-	-	102.48	34.7	11.7	35.2	196	94	P	V
	*	5300	105.79	-	-	94.59	34.7	11.7	35.2	196	94	A	V
		5357.04	59.98	-14.02	74	48.9	34.5	11.76	35.18	196	94	P	V
		5350.08	50.54	-3.46	54	39.46	34.5	11.76	35.18	196	94	A	V



802.11a CH 64 5320MHz	*	5320	108.25	-	-	97.09	34.63	11.73	35.2	241	7	P	H
	*	5320	100.65	-	-	89.49	34.63	11.73	35.2	241	7	A	H
		5350.08	61.47	-12.53	74	50.39	34.5	11.76	35.18	241	7	P	H
		5350.08	50.94	-3.06	54	39.86	34.5	11.76	35.18	241	7	A	H
													H
													H
	*	5320	109.91	-	-	98.75	34.63	11.73	35.2	205	94	P	V
	*	5320	102.25	-	-	91.09	34.63	11.73	35.2	205	94	A	V
		5350.4	61.14	-12.86	74	50.06	34.5	11.76	35.18	205	94	P	V
		5350.08	52.58	-1.42	54	41.5	34.5	11.76	35.18	205	94	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	44.15	-24.05	68.2	47.72	37.6	17.75	58.92	100	0	P	H
		15780	48.93	-25.07	74	43.38	40.53	21.76	56.74	100	0	P	H
													H
													H
		10520	44.08	-24.12	68.2	47.65	37.6	17.75	58.92	100	0	P	V
		15780	52.55	-21.45	74	47	40.53	21.76	56.74	195	7	P	V
		15780	42.49	-11.51	54	36.94	40.53	21.76	56.74	195	7	A	V
													V
802.11a CH 60 5300MHz		10600	44.17	-29.83	74	47.64	37.6	17.81	58.88	100	0	P	H
		15900	48.42	-25.58	74	42.51	40.8	21.83	56.72	100	0	P	H
													H
													H
		10600	44.14	-29.86	74	47.61	37.6	17.81	58.88	100	0	P	V
		15900	48.77	-25.23	74	42.86	40.8	21.83	56.72	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	43.63	-30.37	74	47.02	37.63	17.84	58.86	100	0	P	H
		15960	45.49	-28.51	74	39.54	40.8	21.86	56.71	100	0	P	H
													H
													H
		10640	44.37	-29.63	74	47.76	37.63	17.84	58.86	100	0	P	V
		15960	45.7	-28.3	74	39.75	40.8	21.86	56.71	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5148.75	49.72	-24.28	74	39.04	34.4	11.56	35.28	235	9	P	H
		5148.05	41.32	-12.68	54	30.64	34.4	11.56	35.28	235	9	A	H
	*	5260	111.45	-	-	100.45	34.57	11.66	35.23	235	9	P	H
	*	5260	103.9	-	-	92.9	34.57	11.66	35.23	235	9	A	H
		5366.16	51.02	-22.98	74	39.86	34.57	11.77	35.18	235	9	P	H
		5351.04	42.06	-11.94	54	30.98	34.5	11.76	35.18	235	9	A	H
		5139.65	49.07	-24.93	74	38.41	34.4	11.55	35.29	176	87	P	V
		5092.4	41.27	-12.73	54	30.77	34.3	11.51	35.31	176	87	A	V
	*	5260	113.1	-	-	102.1	34.57	11.66	35.23	176	87	P	V
	*	5260	105.6	-	-	94.6	34.57	11.66	35.23	176	87	A	V
		5427.84	49.61	-24.39	74	38.21	34.7	11.84	35.14	176	87	P	V
		5352	43.05	-10.95	54	31.97	34.5	11.76	35.18	176	87	A	V
802.11n HT20 CH 60 5300MHz		5119	49.71	-24.29	74	39.14	34.33	11.53	35.29	245	8	P	H
		5129.5	41.33	-12.67	54	30.71	34.37	11.54	35.29	245	8	A	H
	*	5300	112	-	-	100.8	34.7	11.7	35.2	245	8	P	H
	*	5300	103.6	-	-	92.4	34.7	11.7	35.2	245	8	A	H
		5350.32	61.58	-12.42	74	50.5	34.5	11.76	35.18	245	8	P	H
		5350.08	49.69	-4.31	54	38.61	34.5	11.76	35.18	245	8	A	H
		5128.1	50.07	-23.93	74	39.45	34.37	11.54	35.29	196	94	P	V
		5132.3	41.81	-12.19	54	31.19	34.37	11.54	35.29	196	94	A	V
	*	5300	113.6	-	-	102.4	34.7	11.7	35.2	196	94	P	V
	*	5300	105.4	-	-	94.2	34.7	11.7	35.2	196	94	A	V
		5354.88	62.65	-11.35	74	51.57	34.5	11.76	35.18	196	94	P	V
		5350.08	51.17	-2.83	54	40.09	34.5	11.76	35.18	196	94	A	V



802.11n HT20 CH 64 5320MHz	*	5320	107.55	-	-	96.39	34.63	11.73	35.2	241	7	P	H
	*	5320	100.05	-	-	88.89	34.63	11.73	35.2	241	7	A	H
		5356	61.97	-12.03	74	50.89	34.5	11.76	35.18	241	7	P	H
		5350.24	50.97	-3.03	54	39.89	34.5	11.76	35.18	241	7	A	H
													H
													H
	*	5320	109.55	-	-	98.39	34.63	11.73	35.2	205	94	P	V
	*	5320	101.75	-	-	90.59	34.63	11.73	35.2	205	94	A	V
		5350.72	64.27	-9.73	74	53.19	34.5	11.76	35.18	205	94	P	V
		5350.08	53.12	-0.88	54	42.04	34.5	11.76	35.18	205	94	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	43.17	-25.03	68.2	46.74	37.6	17.75	58.92	100	0	P	H
		15780	48.97	-25.03	74	43.41	40.52	21.77	56.73	100	0	P	H
													H
													H
		10520	44.06	-24.14	68.2	47.63	37.6	17.75	58.92	100	0	P	V
		15780	49.32	-24.68	74	43.77	40.53	21.77	56.74	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	43.93	-30.07	74	47.4	37.6	17.81	58.88	100	0	P	H
		15900	47.75	-26.25	74	41.84	40.8	21.83	56.72	100	0	P	H
													H
													H
		10600	43.07	-30.93	74	46.54	37.6	17.81	58.88	100	0	P	V
		15900	49.11	-24.89	74	43.2	40.8	21.83	56.72	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	44.98	-29.02	74	48.37	37.63	17.84	58.86	100	0	P	H
		15960	45.44	-28.56	74	39.49	40.8	21.86	56.71	100	0	P	H
													H
													H
		10640	43.57	-30.43	74	46.96	37.63	17.84	58.86	100	0	P	V
		15960	45.57	-28.43	74	39.62	40.8	21.86	56.71	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5063.35	49.69	-24.31	74	39.37	34.17	11.48	35.33	232	9	P	H
		5145.95	42.21	-11.79	54	31.54	34.4	11.55	35.28	232	9	A	H
	*	5270	106.92	-	-	95.89	34.57	11.67	35.22	232	9	P	H
	*	5270	99.2	-	-	88.17	34.57	11.67	35.22	232	9	A	H
		5351.04	55.83	-18.17	74	44.75	34.5	11.76	35.18	232	9	P	H
		5352.48	50.61	-3.39	54	39.53	34.5	11.76	35.18	232	9	A	H
		5129.15	50.09	-23.91	74	39.47	34.37	11.54	35.29	198	87	P	V
		5146.3	42.52	-11.48	54	31.85	34.4	11.55	35.28	198	87	A	V
	*	5270	109.3	-	-	98.29	34.57	11.67	35.23	198	87	P	V
	*	5270	101.51	-	-	90.5	34.57	11.67	35.23	198	87	A	V
		5364	58.32	-15.68	74	47.16	34.57	11.77	35.18	198	87	P	V
		5351.76	51.47	-2.53	54	40.39	34.5	11.76	35.18	198	87	A	V
802.11n HT40 CH 62 5310MHz		5046.2	48.28	-25.72	74	38.04	34.1	11.47	35.33	234	7	P	H
		5149.1	41.29	-12.71	54	30.61	34.4	11.56	35.28	234	7	A	H
	*	5310	100.74	-	-	89.59	34.63	11.72	35.2	234	7	P	H
	*	5310	93.73	-	-	82.58	34.63	11.72	35.2	234	7	A	H
		5356.32	57.48	-16.52	74	46.4	34.5	11.76	35.18	234	7	P	H
		5352.24	49.92	-4.08	54	38.84	34.5	11.76	35.18	234	7	A	H
		5124.6	50.22	-23.78	74	39.6	34.37	11.54	35.29	204	94	P	V
		5148.4	42.12	-11.88	54	31.44	34.4	11.56	35.28	204	94	A	V
	*	5310	103	-	-	91.85	34.63	11.72	35.2	204	94	P	V
	*	5310	95.44	-	-	84.29	34.63	11.72	35.2	204	94	A	V
		5352	63.85	-10.15	74	52.77	34.5	11.76	35.18	204	94	P	V
		5351.76	51.68	-2.32	54	40.6	34.5	11.76	35.18	204	94	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	43.96	-24.24	68.2	47.51	37.6	17.76	58.91	100	0	P	H
		15810	45.87	-28.13	74	40.32	40.5	21.78	56.73	100	0	P	H
													H
													H
		10540	42.69	-25.51	68.2	46.24	37.6	17.76	58.91	100	0	P	V
		15810	46.22	-27.78	74	40.67	40.5	21.78	56.73	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	43.25	-30.75	74	46.67	37.62	17.83	58.87	100	0	P	H
		15930	45.76	-28.24	74	39.82	40.8	21.85	56.71	100	0	P	H
													H
													H
		10620	44.05	-29.95	74	47.47	37.62	17.83	58.87	100	0	P	V
		15930	46.38	-27.62	74	40.44	40.8	21.85	56.71	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5135.8	49.45	-24.55	74	38.82	34.37	11.55	35.29	242	9	P	H
		5149.8	42.22	-11.78	54	31.54	34.4	11.56	35.28	242	9	A	H
	*	5290	97.85	-	-	86.75	34.63	11.69	35.22	242	9	P	H
	*	5290	90.56	-	-	79.46	34.63	11.69	35.22	242	9	A	H
		5371.44	56.79	-17.21	74	45.62	34.57	11.78	35.18	242	9	P	H
		5350.08	51.48	-2.52	54	40.4	34.5	11.76	35.18	242	9	A	H
		5062.65	49.1	-24.9	74	38.78	34.17	11.48	35.33	187	89	P	V
		5144.2	42.56	-11.44	54	31.89	34.4	11.55	35.28	187	89	A	V
	*	5290	99.75	-	-	88.65	34.63	11.69	35.22	187	89	P	V
	*	5290	92.69	-	-	81.59	34.63	11.69	35.22	187	89	A	V
		5351.28	60.03	-13.97	74	48.95	34.5	11.76	35.18	187	89	P	V
		5350.32	53.35	-0.65	54	42.27	34.5	11.76	35.18	187	89	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	44.1	-24.1	68.2	47.59	37.6	17.8	58.89	100	0	P	H
		15870	46.24	-27.76	74	40.41	40.74	21.81	56.72	100	0	P	H
													H
													H
		10580	43.8	-24.4	68.2	47.29	37.6	17.8	58.89	100	0	P	V
		15870	46.69	-27.31	74	40.86	40.74	21.81	56.72	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5457.52	59.32	-14.68	74	47.87	34.7	11.88	35.13	206	7	P	H
		5470	64.27	-3.93	68.2	52.71	34.8	11.89	35.13	206	7	P	H
		5459.92	49.38	-4.62	54	37.93	34.7	11.88	35.13	206	7	A	H
	*	5500	110.15	-	-	98.34	35	11.93	35.12	206	7	P	H
	*	5500	103	-	-	91.19	35	11.93	35.12	206	7	A	H
													H
		5459.12	58.68	-15.32	74	47.23	34.7	11.88	35.13	202	93	P	V
		5468.24	65.5	-2.7	68.2	53.94	34.8	11.89	35.13	202	93	P	V
		5459.92	51.32	-2.68	54	39.87	34.7	11.88	35.13	202	93	A	V
	*	5500	112.53	-	-	100.72	35	11.93	35.12	202	93	P	V
	*	5500	105.43	-	-	93.62	35	11.93	35.12	202	93	A	V
													V
802.11a CH 116 5580MHz		5413.84	49.78	-24.22	74	38.41	34.7	11.83	35.16	262	20	P	H
		5462.8	48.72	-19.48	68.2	37.17	34.8	11.88	35.13	262	20	P	H
		5416	42.13	-11.87	54	30.76	34.7	11.83	35.16	262	20	A	H
	*	5580	114.2	-	-	102.45	34.87	12.02	35.14	262	20	P	H
	*	5580	107.4	-	-	95.65	34.87	12.02	35.14	262	20	A	H
		5752.085	50.05	-18.15	68.2	37.93	35	12.29	35.17	262	20	P	H
		5414.08	50.84	-23.16	74	39.47	34.7	11.83	35.16	173	88	P	V
		5460.64	50.39	-17.81	68.2	38.94	34.7	11.88	35.13	173	88	P	V
		5414.08	43.84	-10.16	54	32.47	34.7	11.83	35.16	173	88	A	V
	*	5580	115.41	-	-	103.66	34.87	12.02	35.14	173	88	P	V
	*	5580	108.48	-	-	96.73	34.87	12.02	35.14	173	88	A	V
		5748.935	49.98	-18.22	68.2	37.86	35	12.29	35.17	173	88	P	V



802.11a CH 140 5700MHz	*	5700	109.09	-	-	97.05	35	12.2	35.16	202	18	P	H
	*	5700	102.48	-	-	90.44	35	12.2	35.16	202	18	A	H
		5725.16	64.24	-3.96	68.2	52.15	35	12.25	35.16	202	18	P	H
													H
													H
													H
	*	5700	109.56	-	-	97.52	35	12.2	35.16	185	92	P	V
	*	5700	102.44	-	-	90.4	35	12.2	35.16	185	92	A	V
		5727	62.33	-5.87	68.2	50.24	35	12.25	35.16	185	92	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	44.36	-29.64	74	47.05	37.9	18.1	58.69	100	0	P	H
		16500	48.26	-19.94	68.2	40.71	41.6	22.37	56.42	100	0	P	H
													H
													H
		11000	45.22	-28.78	74	47.91	37.9	18.1	58.69	100	0	P	V
		16500	48.44	-19.76	68.2	40.89	41.6	22.37	56.42	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	44.61	-29.39	74	46.79	37.9	18.23	58.31	100	0	P	H
		16740	48.14	-20.06	68.2	39.51	42.36	22.6	56.33	100	0	P	H
													H
													H
		11160	44.28	-29.72	74	46.46	37.9	18.23	58.31	100	0	P	V
		16740	47.52	-20.68	68.2	38.89	42.36	22.6	56.33	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	44.3	-29.7	74	45.49	38.1	18.45	57.74	100	0	P	H
		17100	48.76	-19.44	68.2	40.12	42	22.91	56.27	100	0	P	H
													H
													H
		11400	45.42	-28.58	74	46.61	38.1	18.45	57.74	100	0	P	V
		17100	49.01	-19.19	68.2	40.37	42	22.91	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5459.28	57.68	-16.32	74	46.23	34.7	11.88	35.13	128	4	P	H
		5467.6	62.74	-5.46	68.2	51.18	34.8	11.89	35.13	128	4	P	H
		5459.6	50.04	-3.96	54	38.59	34.7	11.88	35.13	128	4	A	H
	*	5500	109.47	-	-	97.66	35	11.93	35.12	128	4	P	H
	*	5500	102.42	-	-	90.61	35	11.93	35.12	128	4	A	H
													H
		5458	61.15	-12.85	74	49.7	34.7	11.88	35.13	202	87	P	V
		5468.88	64.99	-3.21	68.2	53.43	34.8	11.89	35.13	202	87	P	V
		5459.6	52.11	-1.89	54	40.66	34.7	11.88	35.13	202	87	A	V
	*	5500	112.58	-	-	100.77	35	11.93	35.12	202	87	P	V
	*	5500	105.31	-	-	93.5	35	11.93	35.12	202	87	A	V
													V
802.11n HT20 CH 116 5580MHz		5457.52	49.53	-24.47	74	38.08	34.7	11.88	35.13	274	21	P	H
		5463.52	50.24	-17.96	68.2	38.69	34.8	11.88	35.13	274	21	P	H
		5416.96	41.9	-12.1	54	30.53	34.7	11.83	35.16	274	21	A	H
	*	5580	114.33	-	-	102.58	34.87	12.02	35.14	274	21	P	H
	*	5580	107.07	-	-	95.32	34.87	12.02	35.14	274	21	A	H
		5756.495	49.49	-18.71	68.2	37.36	35	12.3	35.17	274	21	P	H
		5413.6	51.12	-22.88	74	39.75	34.7	11.83	35.16	166	87	P	V
		5463.76	49.75	-18.45	68.2	38.2	34.8	11.88	35.13	166	87	P	V
		5415.52	43.62	-10.38	54	32.25	34.7	11.83	35.16	166	87	A	V
	*	5580	115.11	-	-	103.36	34.87	12.02	35.14	166	87	P	V
	*	5580	107.83	-	-	96.08	34.87	12.02	35.14	166	87	A	V
		5737.595	49.9	-18.3	68.2	37.8	35	12.27	35.17	166	87	P	V



802.11n HT20 CH 140 5700MHz	*	5700	109.15	-	-	97.11	35	12.2	35.16	205	16	P	H
	*	5700	102.06	-	-	90.02	35	12.2	35.16	205	16	A	H
		5725.72	64.34	-3.86	68.2	52.25	35	12.25	35.16	205	16	P	H
													H
													H
													H
	*	5700	108.4	-	-	96.36	35	12.2	35.16	173	91	P	V
	*	5700	101.26	-	-	89.22	35	12.2	35.16	173	91	A	V
		5727.16	63.72	-4.48	68.2	51.63	35	12.25	35.16	173	91	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	44.55	-29.45	74	47.24	37.9	18.1	58.69	100	0	P	H
		16500	47.64	-20.56	68.2	40.09	41.6	22.37	56.42	100	0	P	H
													H
													H
		11000	45.1	-28.9	74	47.79	37.9	18.1	58.69	100	0	P	V
		16500	48.59	-19.61	68.2	41.04	41.6	22.37	56.42	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.1	-29.9	74	46.28	37.9	18.23	58.31	100	0	P	H
		16740	47.94	-20.26	68.2	39.31	42.36	22.6	56.33	100	0	P	H
													H
													H
		11160	44.9	-29.1	74	47.08	37.9	18.23	58.31	100	0	P	V
		16740	47.74	-20.46	68.2	39.11	42.36	22.6	56.33	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.12	-29.88	74	45.31	38.1	18.45	57.74	100	0	P	H
		17100	49.03	-19.17	68.2	40.39	42	22.91	56.27	100	0	P	H
													H
													H
		11400	44.71	-29.29	74	45.9	38.1	18.45	57.74	100	0	P	V
		17100	48.73	-19.47	68.2	40.09	42	22.91	56.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5459.92	58	-16	74	46.55	34.7	11.88	35.13	209	6	P	H
		5469.04	62.51	-5.69	68.2	50.95	34.8	11.89	35.13	209	6	P	H
		5458.48	51.45	-2.55	54	40	34.7	11.88	35.13	209	6	A	H
	*	5510	103.38	-	-	91.56	35	11.94	35.12	209	6	P	H
	*	5510	97.11	-	-	85.29	35	11.94	35.12	209	6	A	H
		5730.665	48.38	-19.82	68.2	36.29	35	12.26	35.17	209	6	P	H
		5458	61.74	-12.26	74	50.29	34.7	11.88	35.13	188	86	P	V
		5467.6	64.39	-3.81	68.2	52.83	34.8	11.89	35.13	188	86	P	V
		5458.48	52.74	-1.26	54	41.29	34.7	11.88	35.13	188	86	A	V
	*	5510	105.17	-	-	93.35	35	11.94	35.12	188	86	P	V
	*	5510	99.49	-	-	87.67	35	11.94	35.12	188	86	A	V
		5742.005	48.73	-19.47	68.2	36.63	35	12.27	35.17	188	86	P	V
802.11n HT40 CH 110 5550MHz		5459.68	55.39	-18.61	74	43.94	34.7	11.88	35.13	275	21	P	H
		5470	57.91	-10.29	68.2	46.35	34.8	11.89	35.13	275	21	P	H
		5458.48	48.85	-5.15	54	37.4	34.7	11.88	35.13	275	21	A	H
	*	5550	109.42	-	-	97.77	34.8	11.98	35.13	275	21	P	H
	*	5550	103.27	-	-	91.62	34.8	11.98	35.13	275	21	A	H
		5761.85	48.83	-19.37	68.2	36.69	35	12.31	35.17	275	21	P	H
		5458.96	57.54	-16.46	74	46.09	34.7	11.88	35.13	191	93	P	V
		5466.16	60.73	-7.47	68.2	49.17	34.8	11.89	35.13	191	93	P	V
		5458.72	51.08	-2.92	54	39.63	34.7	11.88	35.13	191	93	A	V
	*	5550	109.88	-	-	98.23	34.8	11.98	35.13	191	93	P	V
	*	5550	103.86	-	-	92.21	34.8	11.98	35.13	191	93	A	V
		5726.255	49.91	-18.29	68.2	37.82	35	12.25	35.16	191	93	P	V



802.11n HT40 CH 134 5670MHz		5385.7	48.01	-25.99	74	36.76	34.63	11.79	35.17	217	18	P	H
		5462	48.23	-19.97	68.2	36.78	34.7	11.88	35.13	217	18	P	H
		5456.05	40.26	-13.74	54	28.82	34.7	11.87	35.13	217	18	A	H
	*	5670	108.16	-	-	96.3	34.85	12.16	35.15	217	18	P	H
	*	5670	102.12	-	-	90.26	34.85	12.16	35.15	217	18	A	H
		5726.325	66.37	-1.83	68.2	54.28	35	12.25	35.16	217	18	P	H
		5454.3	48.75	-25.25	74	37.31	34.7	11.87	35.13	180	92	P	V
		5468.3	47.63	-20.57	68.2	36.07	34.8	11.89	35.13	180	92	P	V
		5459.55	40.89	-13.11	54	29.44	34.7	11.88	35.13	180	92	A	V
	*	5670	108.99	-	-	97.13	34.85	12.16	35.15	180	92	P	V
	*	5670	102.57	-	-	90.71	34.85	12.16	35.15	180	92	A	V
		5725	66.56	-1.64	68.2	54.47	35	12.25	35.16	180	92	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	44.85	-29.15	74	47.48	37.9	18.11	58.64	100	0	P	H
		16530	47.81	-20.39	68.2	40.16	41.67	22.39	56.41	100	0	P	H
													H
													H
		11020	45.86	-28.14	74	48.49	37.9	18.11	58.64	100	0	P	V
		16530	47.3	-20.9	68.2	39.65	41.67	22.39	56.41	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44	-30	74	46.37	37.9	18.18	58.45	100	0	P	H
		16650	47.77	-20.43	68.2	39.54	42.1	22.5	56.37	100	0	P	H
													H
													H
		11100	44.1	-29.9	74	46.47	37.9	18.18	58.45	100	0	P	V
		16650	48.29	-19.91	68.2	40.06	42.1	22.5	56.37	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.3	-29.7	74	45.76	38.03	18.39	57.88	100	0	P	H
		17010	48.88	-19.32	68.2	40.1	42.17	22.85	56.24	100	0	P	H
													H
													H
		11340	44.47	-29.53	74	45.93	38.03	18.39	57.88	100	0	P	V
		17010	49.26	-18.94	68.2	40.48	42.17	22.85	56.24	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5453.2	56.71	-17.29	74	45.27	34.7	11.87	35.13	199	5	P	H
		5470	60.53	-7.67	68.2	48.97	34.8	11.89	35.13	199	5	P	H
		5457.52	50.75	-3.25	54	39.3	34.7	11.88	35.13	199	5	A	H
	*	5530	96.05	-	-	84.29	34.93	11.96	35.13	199	5	P	H
	*	5530	90.32	-	-	78.56	34.93	11.96	35.13	199	5	A	H
		5738.54	48.28	-19.92	68.2	36.18	35	12.27	35.17	199	5	P	H
		5452.96	59.37	-14.63	74	47.93	34.7	11.87	35.13	184	93	P	V
		5466.88	60.38	-7.82	68.2	48.82	34.8	11.89	35.13	184	93	P	V
		5457.28	52.14	-1.86	54	40.69	34.7	11.88	35.13	184	93	A	V
	*	5530	98.93	-	-	87.17	34.93	11.95	35.12	184	93	P	V
	*	5530	98.58	-	-	86.82	34.93	11.96	35.13	184	93	A	V
		5743.58	48.98	-19.22	68.2	36.87	35	12.28	35.17	184	93	P	V
802.11ac VHT80 CH 122 5610MHz		5459.9	55.33	-18.67	74	43.88	34.7	11.88	35.13	234	20	P	H
		5469.7	58.16	-10.04	68.2	46.6	34.8	11.89	35.13	234	20	P	H
		5459.55	49.38	-4.62	54	37.93	34.7	11.88	35.13	234	20	A	H
	*	5610	105.08	-	-	93.16	35	12.06	35.14	234	20	P	H
	*	5610	98.83	-	-	86.91	35	12.06	35.14	234	20	A	H
		5727.9	62.95	-5.25	68.2	50.86	35	12.25	35.16	234	20	P	H
		5452.55	61.46	-12.54	74	50.02	34.7	11.87	35.13	172	89	P	V
		5469.7	61.18	-7.02	68.2	49.62	34.8	11.89	35.13	172	89	P	V
		5455.35	51.89	-2.11	54	40.45	34.7	11.87	35.13	172	89	A	V
	*	5610	105.41	-	-	93.49	35	12.06	35.14	172	89	P	V
	*	5610	99.1	-	-	87.18	35	12.06	35.14	172	89	A	V
		5729.65	61.73	-6.47	68.2	49.64	35	12.25	35.16	172	89	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	44.57	-29.43	74	47.07	37.9	18.15	58.55	100	0	P	H
		16590	47.21	-20.99	68.2	39.38	41.77	22.45	56.39	100	0	P	H
													H
													H
		11060	44.68	-29.32	74	47.18	37.9	18.15	58.55	100	0	P	V
		16590	47.35	-20.85	68.2	39.52	41.77	22.45	56.39	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	44.39	-29.61	74	46.35	37.92	18.29	58.17	100	0	P	H
		16830	48.91	-19.29	68.2	40.23	42.3	22.68	56.3	100	0	P	H
													H
													H
		11220	44.22	-29.78	74	46.18	37.92	18.29	58.17	100	0	P	V
		16830	49.92	-18.28	68.2	41.24	42.3	22.68	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5419.81	49.34	-24.66	74	37.97	34.7	11.83	35.16	218	18	P	H
		5460.37	47.69	-20.51	68.2	36.24	34.7	11.88	35.13	218	18	P	H
		5457.25	40.21	-13.79	54	28.76	34.7	11.88	35.13	218	18	A	H
	*	5720	112.34	-	-	100.26	35	12.24	35.16	218	18	P	H
	*	5720	105.12	-	-	93.04	35	12.24	35.16	218	18	A	H
		5881.75	51	-17.2	68.2	38.65	35.13	12.41	35.19	218	18	P	H
		5398.75	48.62	-25.38	74	37.28	34.7	11.81	35.17	168	90	P	V
		5468.56	47.39	-20.81	68.2	35.83	34.8	11.89	35.13	168	90	P	V
		5458.42	40.43	-13.57	54	28.98	34.7	11.88	35.13	168	90	A	V
	*	5720	112.17	-	-	100.09	35	12.24	35.16	168	90	P	V
	*	5720	104.96	-	-	92.88	35	12.24	35.16	168	90	A	V
		5912.25	50.64	-17.56	68.2	38.21	35.2	12.43	35.2	168	90	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	45.89	-28.11	74	46.92	38.13	18.48	57.64	100	0	P	H
		17160	49.72	-18.48	68.2	41.34	41.73	22.94	56.29	100	0	P	H
													H
													H
		11440	45.35	-28.65	74	46.38	38.13	18.48	57.64	100	0	P	V
		17160	49.14	-19.06	68.2	40.76	41.73	22.94	56.29	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5367.16	48.53	-25.47	74	37.36	34.57	11.78	35.18	220	20	P	H
		5460	48.27	-19.93	68.2	36.82	34.7	11.88	35.13	220	20	P	H
		5456.47	40.1	-13.9	54	28.66	34.7	11.87	35.13	220	20	A	H
	*	5720	111.34	-	-	99.26	35	12.24	35.16	220	20	P	H
	*	5720	104.57	-	-	92.49	35	12.24	35.16	220	20	A	H
		5912.75	51.37	-16.83	68.2	38.94	35.2	12.43	35.2	220	20	P	H
		5441.65	47.99	-26.01	74	36.57	34.7	11.86	35.14	156	90	P	V
		5468.95	47.65	-20.55	68.2	36.09	34.8	11.89	35.13	156	90	P	V
		5457.64	40.52	-13.48	54	29.07	34.7	11.88	35.13	156	90	A	V
	*	5720	111.92	-	-	99.84	35	12.24	35.16	156	90	P	V
	*	5720	104.39	-	-	92.31	35	12.24	35.16	156	90	A	V
		5922	50.77	-17.43	68.2	38.34	35.2	12.43	35.2	156	90	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	45.44	-28.56	74	46.47	38.13	18.48	57.64	100	0	P	H
		17160	49.8	-18.4	68.2	41.42	41.73	22.94	56.29	100	0	P	H
													H
													H
		11440	45.77	-28.23	74	46.8	38.13	18.48	57.64	100	0	P	V
		17160	49.34	-18.86	68.2	40.96	41.73	22.94	56.29	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5454.91	49.28	-24.72	74	37.84	34.7	11.87	35.13	237	19	P	H
		5463.88	48.36	-19.84	68.2	36.81	34.8	11.88	35.13	237	19	P	H
		5459.98	40.94	-13.06	54	29.49	34.7	11.88	35.13	237	19	A	H
	*	5710	109.94	-	-	97.88	35	12.22	35.16	237	19	P	H
	*	5710	102.68	-	-	90.62	35	12.22	35.16	237	19	A	H
		5913.25	50.66	-17.54	68.2	38.23	35.2	12.43	35.2	237	19	P	H
		5455.69	48.85	-25.15	74	37.41	34.7	11.87	35.13	158	90	P	V
		5461.54	47.78	-20.42	68.2	36.33	34.7	11.88	35.13	158	90	P	V
		5459.98	41.33	-12.67	54	29.88	34.7	11.88	35.13	158	90	A	V
	*	5710	109.56	-	-	97.5	35	12.22	35.16	158	90	P	V
	*	5710	102.16	-	-	90.1	35	12.22	35.16	158	90	A	V
		5938.75	51.6	-16.6	68.2	39.16	35.2	12.44	35.2	158	90	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	45.76	-28.24	74	46.87	38.12	18.46	57.69	100	0	P	H
		17130	48.95	-19.25	68.2	40.44	41.87	22.92	56.28	100	0	P	H
													H
													H
		11420	46.14	-27.86	74	47.25	38.12	18.46	57.69	100	0	P	V
		17130	48.77	-19.43	68.2	40.26	41.87	22.92	56.28	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5454.91	52.88	-21.12	74	41.44	34.7	11.87	35.13	227	18	P	H
		5466.61	54.03	-14.17	68.2	42.47	34.8	11.89	35.13	227	18	P	H
		5455.3	45.88	-8.12	54	34.44	34.7	11.87	35.13	227	18	A	H
	*	5690	107.4	-	-	95.37	35	12.19	35.16	227	18	P	H
	*	5690	100.09	-	-	88.06	35	12.19	35.16	227	18	A	H
		5857	63.22	-4.98	68.2	50.93	35.07	12.4	35.18	227	18	P	H
		5456.86	57.42	-16.58	74	45.97	34.7	11.88	35.13	159	93	P	V
		5465.83	56.28	-11.92	68.2	44.72	34.8	11.89	35.13	159	93	P	V
		5455.3	48.44	-5.56	54	37	34.7	11.87	35.13	159	93	A	V
	*	5690	105.58	-	-	93.55	35	12.19	35.16	159	93	P	V
	*	5690	98.99	-	-	86.96	35	12.19	35.16	159	93	A	V
		5859.4	60.92	-7.28	68.2	48.64	35.07	12.4	35.19	159	93	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	43.83	-30.17	74	45.12	38.08	18.42	57.79	100	0	P	H
		17070	48.6	-19.6	68.2	39.91	42.07	22.88	56.26	100	0	P	H
													H
													H
		11380	44.09	-29.91	74	45.38	38.08	18.42	57.79	100	0	P	V
		17070	49.77	-18.43	68.2	41.08	42.07	22.88	56.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		106.14	34.35	-9.15	43.5	46.03	16.57	1.72	29.97	100	0	P	H
		157.17	28.03	-15.47	43.5	39.13	16.74	2.11	29.95	-	-	P	H
		189.03	30.52	-12.98	43.5	43.35	14.79	2.31	29.93	-	-	P	H
		853	32.11	-13.89	46	27.56	28.78	4.97	29.2	-	-	P	H
		927.9	32.55	-13.45	46	26.93	29.25	5.2	28.83	-	-	P	H
		953.1	33.21	-12.79	46	26.2	30.42	5.27	28.68	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	32.77	-7.23	40	37.53	24.32	0.93	30.01	-	-	P	V
		49.17	26.28	-13.72	40	40.3	14.78	1.19	29.99	-	-	P	V
		66.45	32.01	-7.99	40	48.6	12.02	1.37	29.98	100	0	Q	V
		881	31.79	-14.21	46	26.92	28.89	5.06	29.08	-	-	P	V
		938.4	33.35	-12.65	46	27.3	29.59	5.23	28.77	-	-	P	V
		958	34.31	-11.69	46	27.24	30.44	5.28	28.65	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

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

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

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



Appendix D. Radiated Spurious Emission

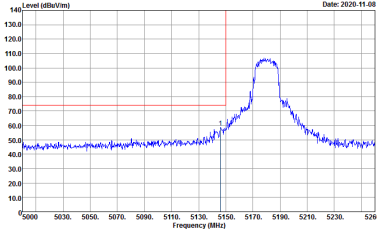
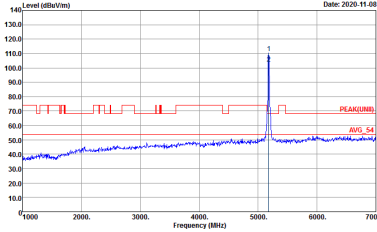
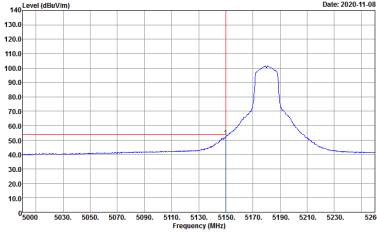
Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	Temperature :	23~25°C
		Relative Humidity :	51~58%

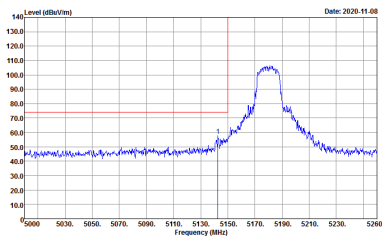
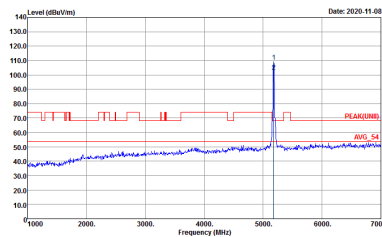
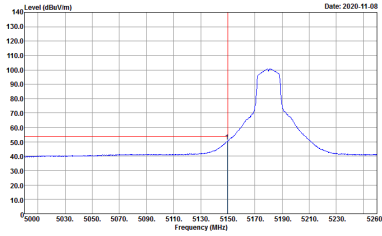
Note symbol

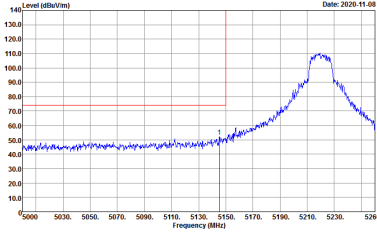
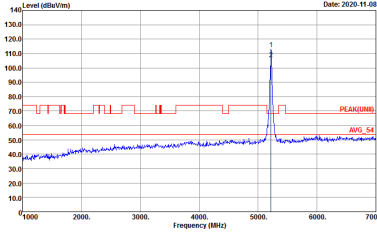
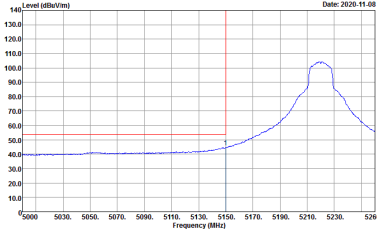
-L	Low channel location
-R	High channel location

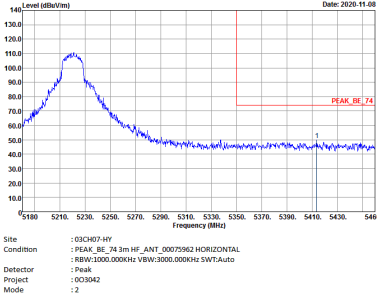
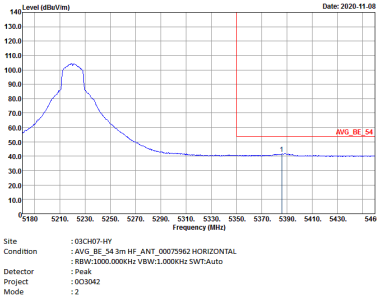


Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

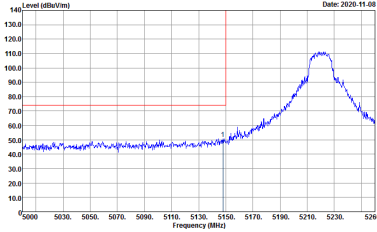
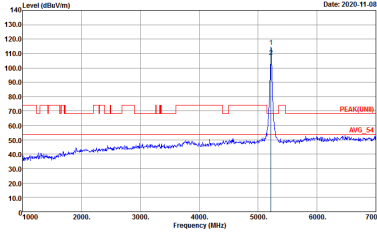
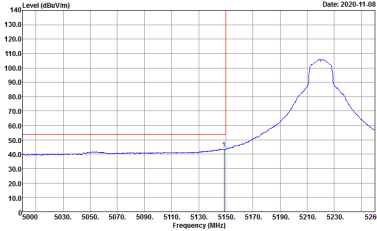
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 003042 1	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 003042 1
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : Peak Mode : 003042 1	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 1	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 1
	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 1	Left blank

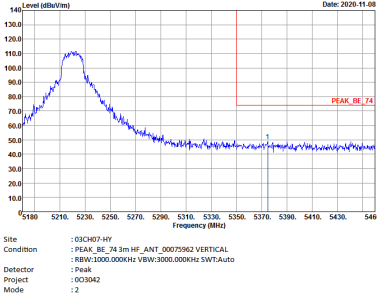
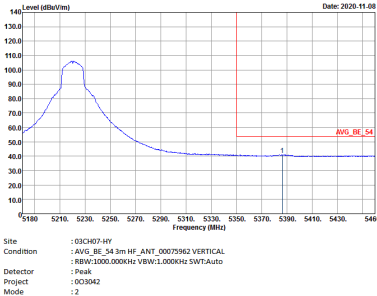
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 2	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 2	Left blank

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

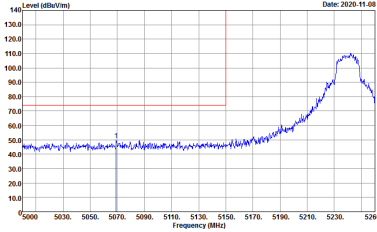
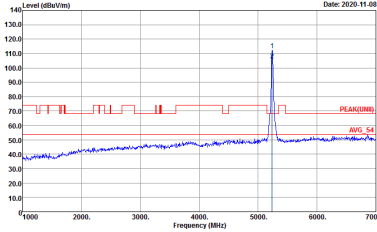
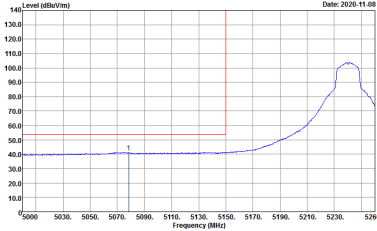


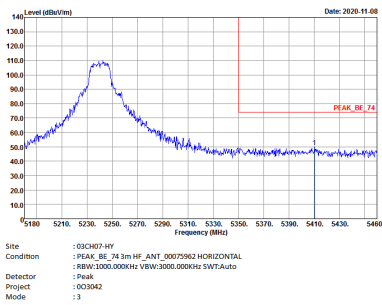
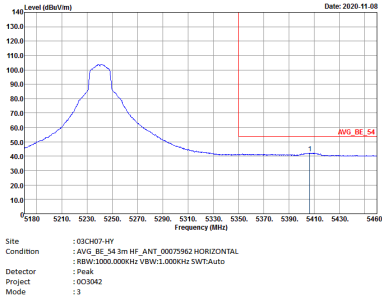
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 2	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 2
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 2	Left blank



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



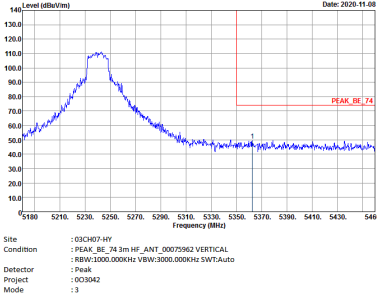
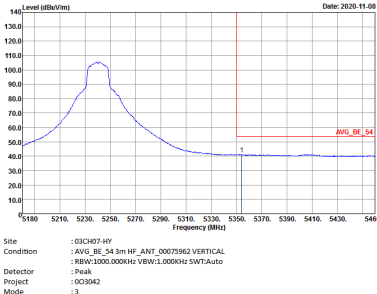
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 3	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 3
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 3	Left blank

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



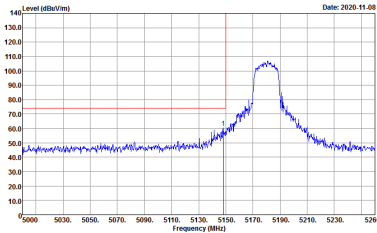
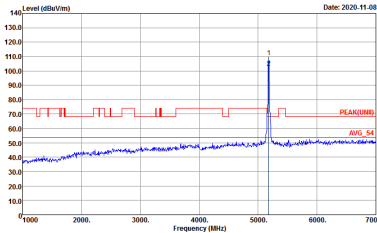
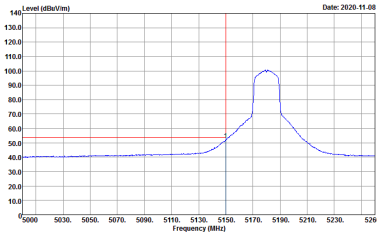
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 3	Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 3
Avg.	Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 3	Left blank

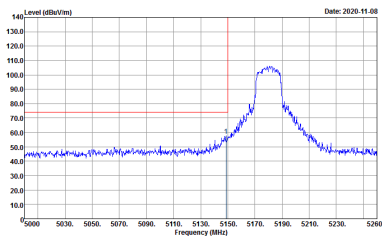
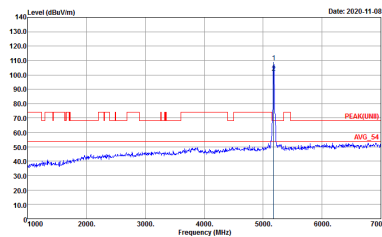
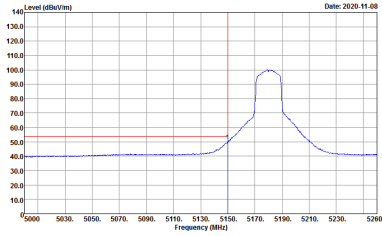


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



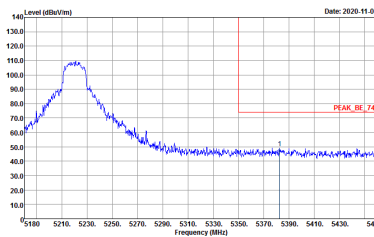
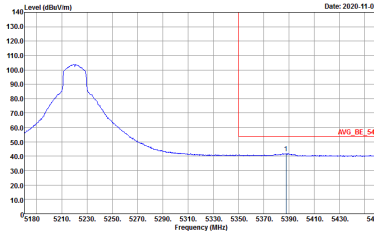
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

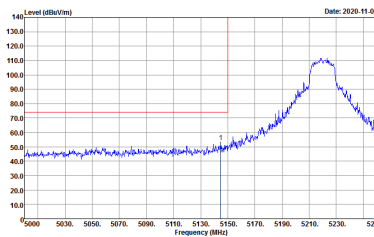
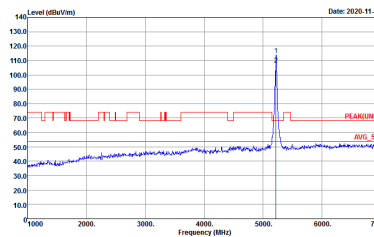
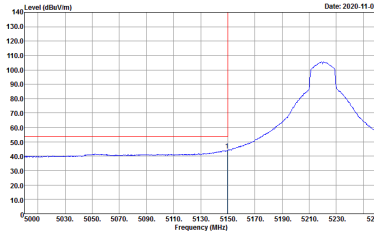
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 4	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 4
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 4	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 4	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 4
	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 4	Left blank

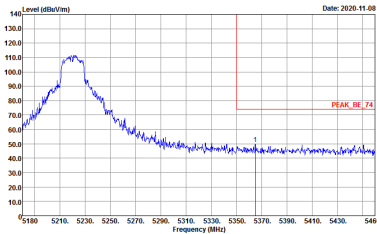
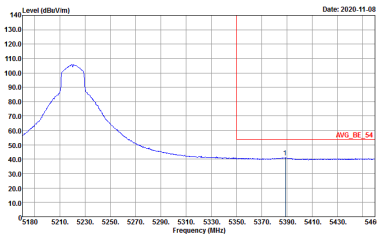


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15	Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15
Avg.	Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15	Left blank

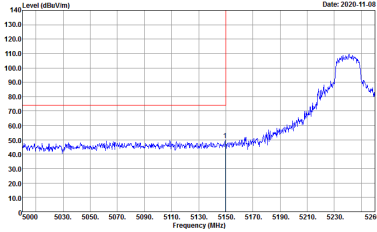
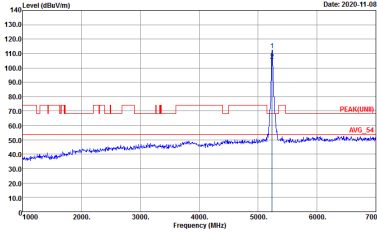
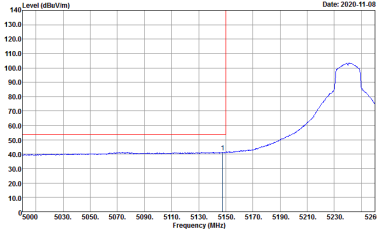
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 003042 Mode : 15	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 003042 Mode : 15	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15	Left blank

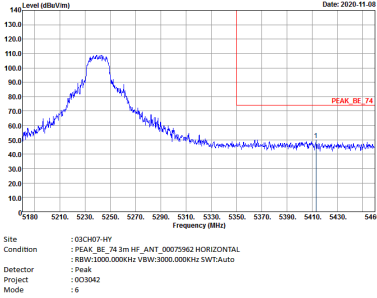
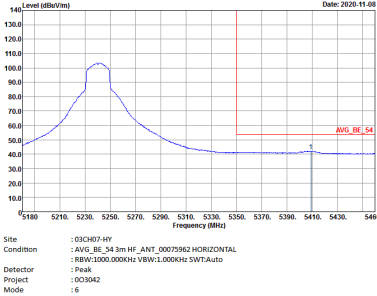


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15	Left blank

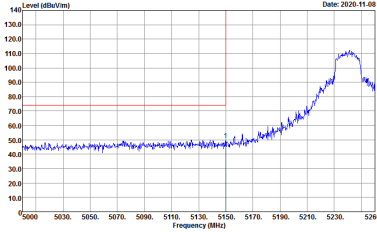
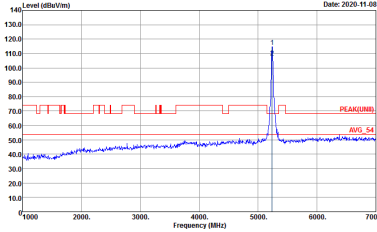
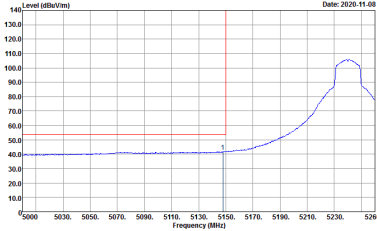


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 6	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 6
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 6	Left blank

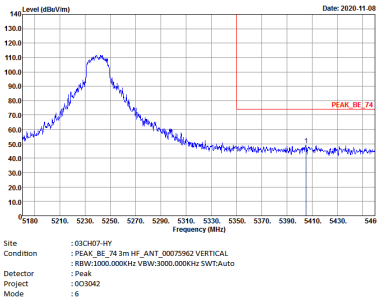
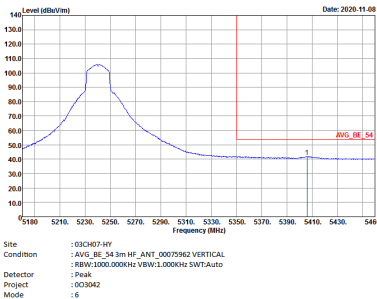


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



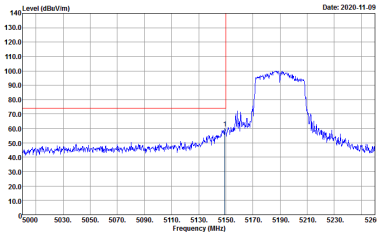
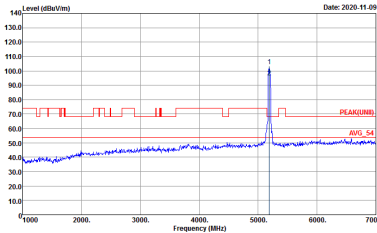
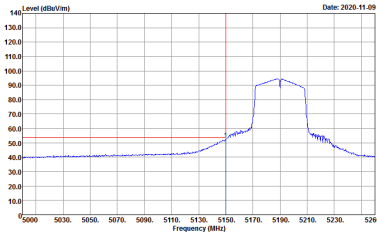
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 6	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 6
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 6	Left blank



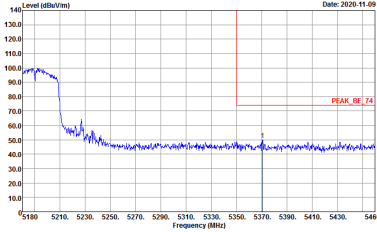
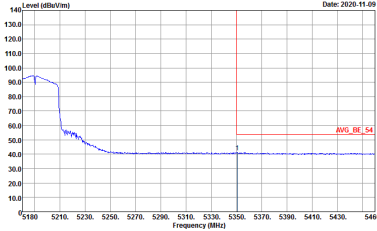
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

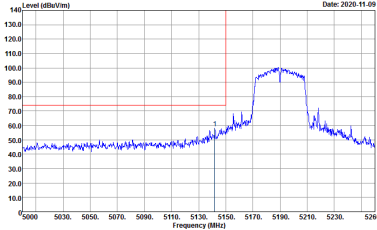
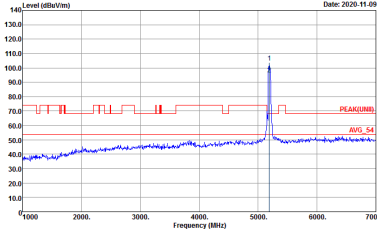
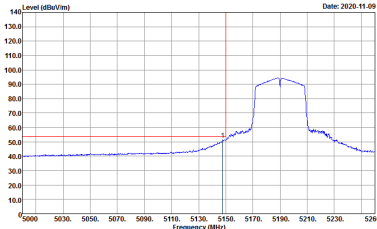


Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

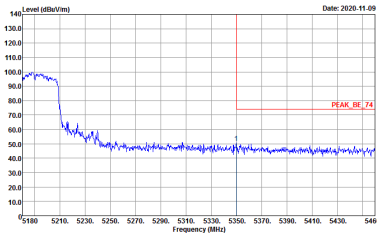
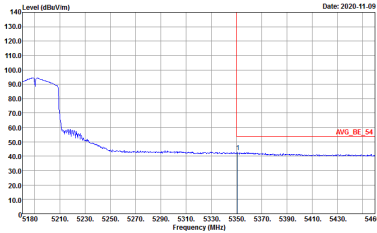
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 7 Setting : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	Left blank

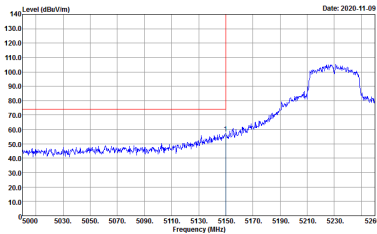
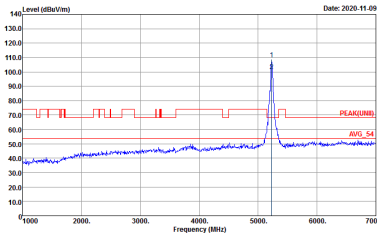
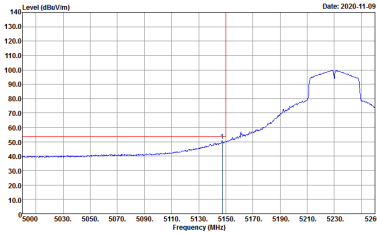


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	Left blank

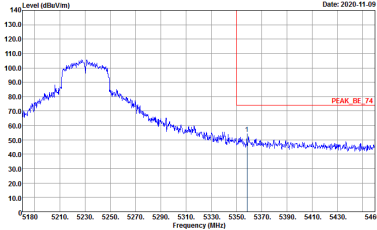
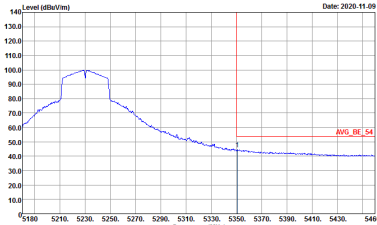
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 7 Setting : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	Left blank



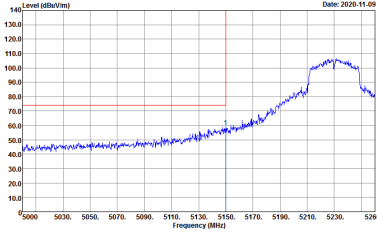
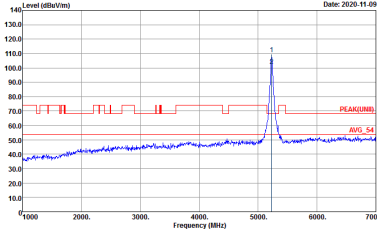
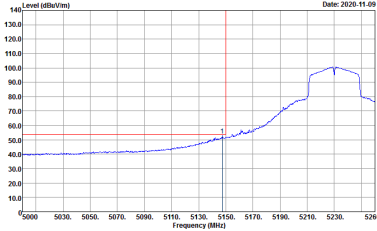
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 7 Setting : 13	Left blank

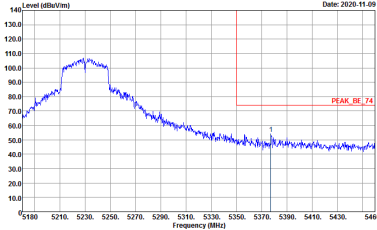
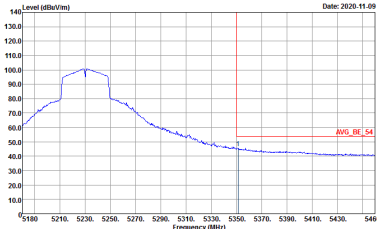
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 8 Setting : 13.5	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 8 Setting : 13.5
	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 8 Setting : 13.5	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : B Setting : 19.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : B Setting : 19.5	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 8 Setting : 13.5	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 8 Setting : 13.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 8 Setting : 13.5	Left blank

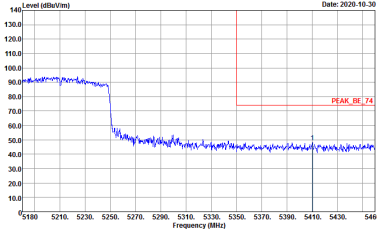
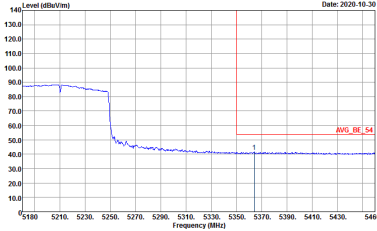
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 8 Setting : 19.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 8 Setting : 19.5	Left blank

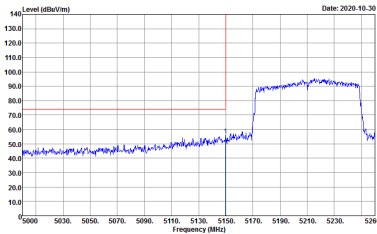
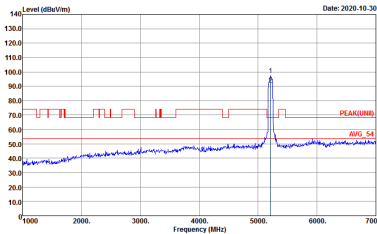
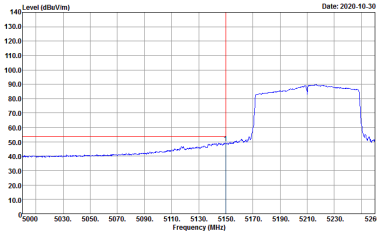


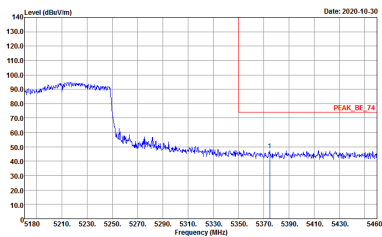
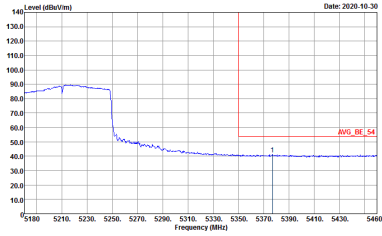
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 19	Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 19
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:4.000kHz SWT:Auto Project : Peak Mode : 19	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 003042 Mode : 9	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 003042 Mode : 9	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 9	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 9
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 9	Left blank

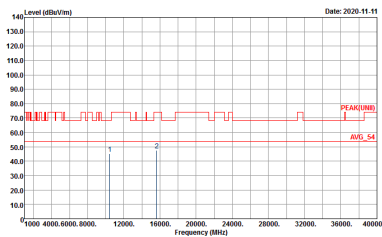
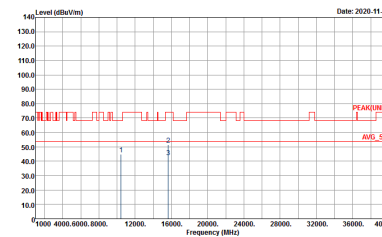
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 9	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 9	Left blank



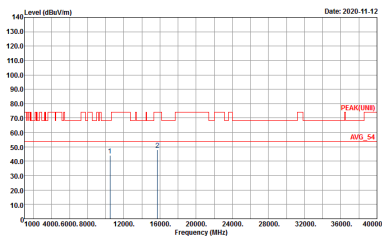
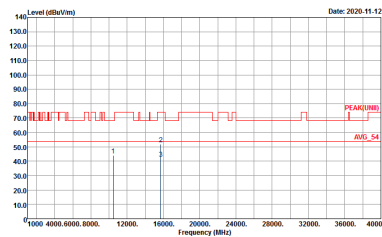
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH07-4H Condition : PEAK(UNB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 1	Site : 03CH07-4H Condition : PEAK(UNB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 1



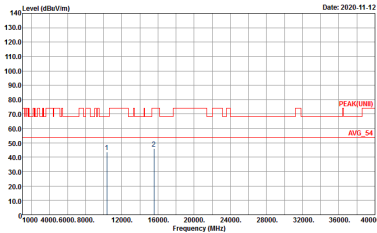
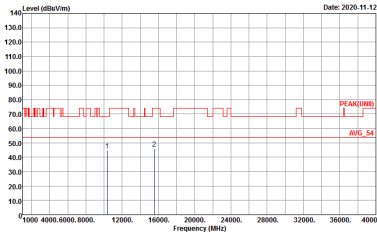
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 2	 Site : 03CH07-RH Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 2



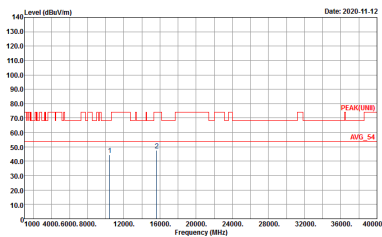
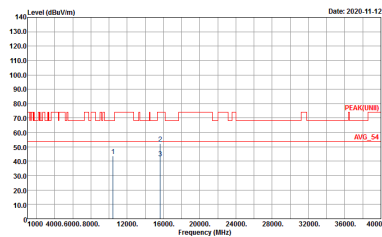
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UWB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 3	 Site : 03CH07-RH Condition : PEAK(UWB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 3



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 4	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 4



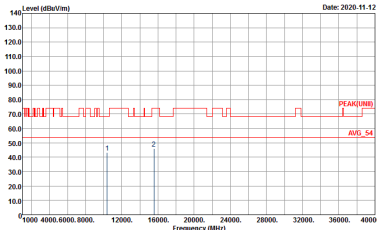
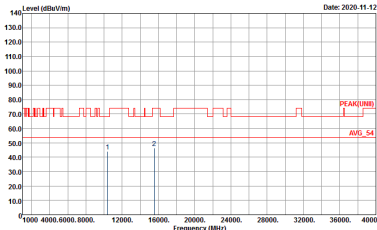
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 5	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 5



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2020-11-12 PEAK (UWB) Avg. 54 1 2 Frequency (MHz) Site : 03CH07-RH Condition : PEAK (UWB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 6	Level (dBuV/m) Date: 2020-11-12 PEAK (UWB) Avg. 54 1 2 Frequency (MHz) Site : 03CH07-RH Condition : PEAK (UWB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 6



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

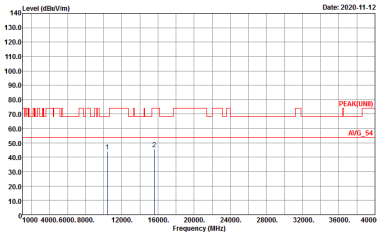
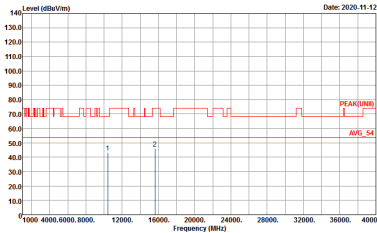
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 7	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 7



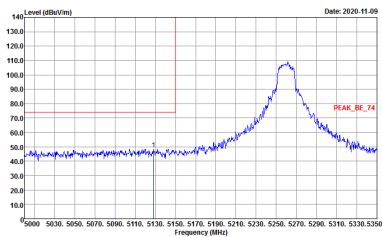
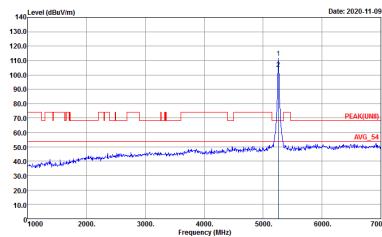
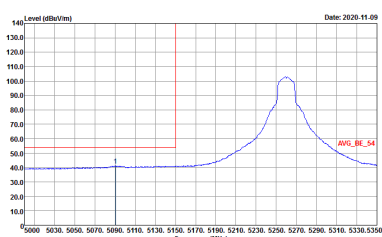
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2020-11-12 Frequency (MHz) Site : 03CH07-RF Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : S	Level (dBuV/m) Date: 2020-11-12 Frequency (MHz) Site : 03CH07-RF Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : S

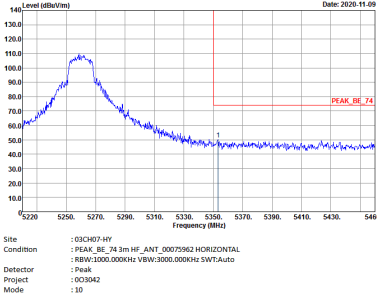
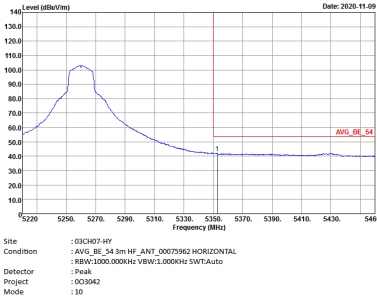


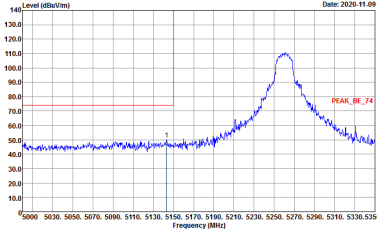
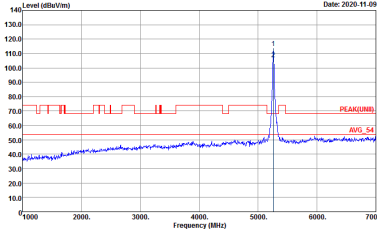
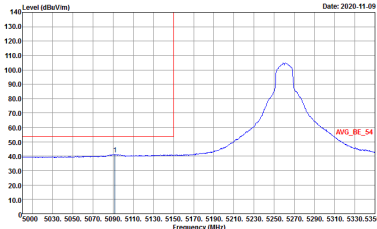
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

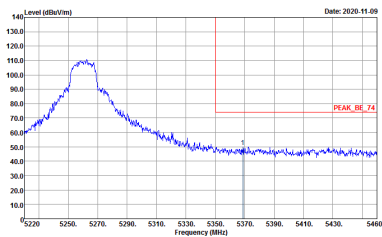
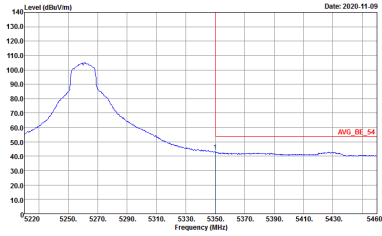
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 9	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 9

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

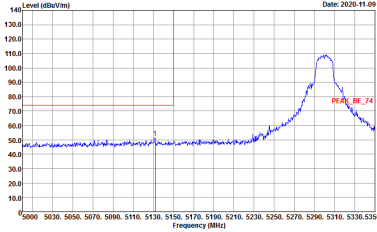
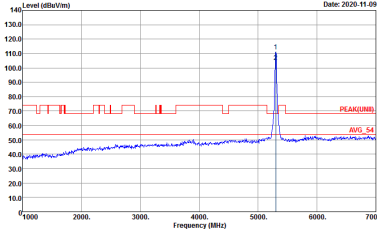
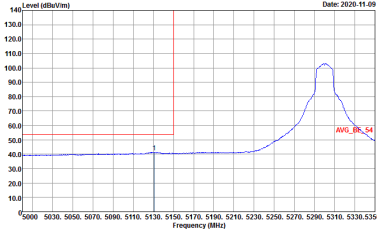
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 10	 Site : 03CH07-HY Condition : PEAK(FUND) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 10
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 10	Left blank

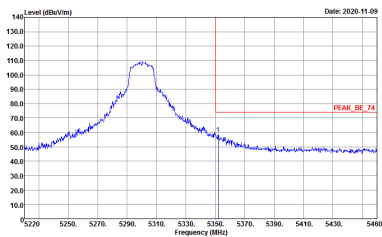
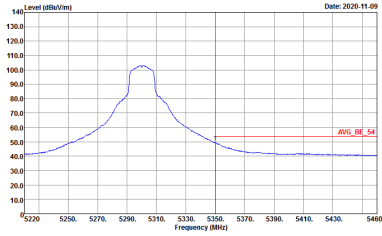
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

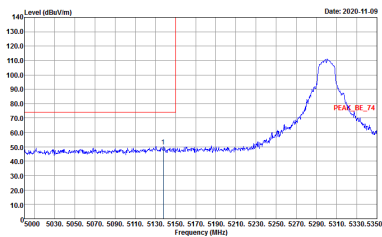
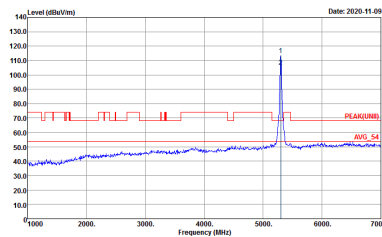
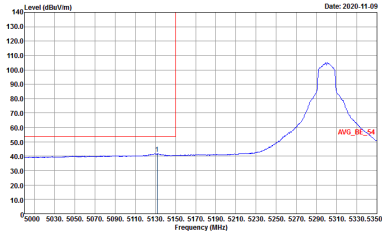
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 10	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 10
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 10	Left blank

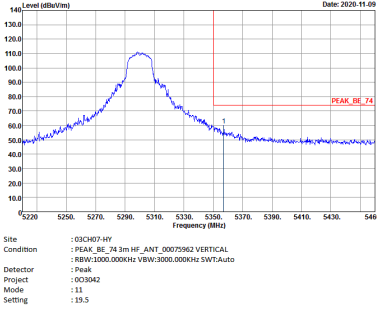
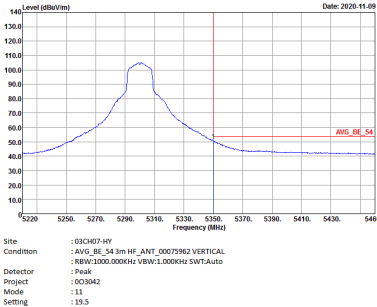
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 10	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 10	Left blank

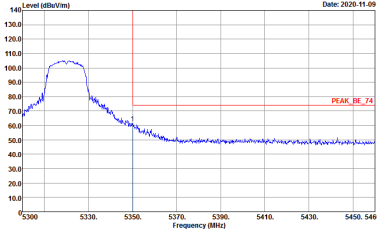
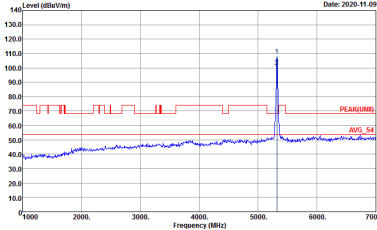
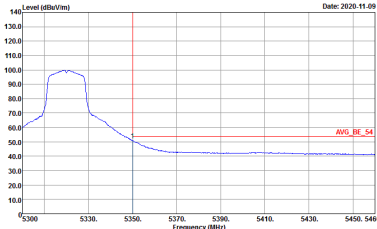


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 11 Setting : 13.5	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 11 Setting : 13.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 11 Setting : 13.5	Left blank

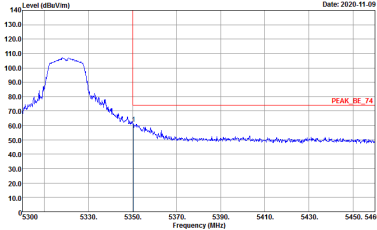
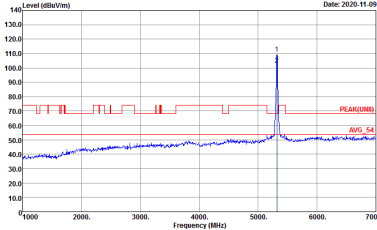
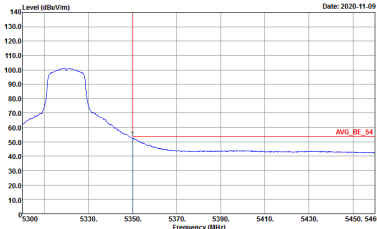
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : 11 Setting : 19.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : 11 Setting : 19.5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 11 Setting : 13.5	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 11 Setting : 13.5
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 11 Setting : 13.5	Left blank

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

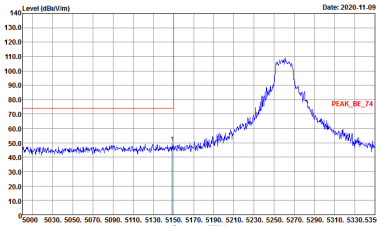
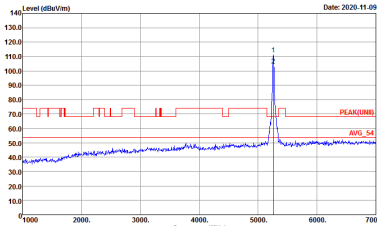
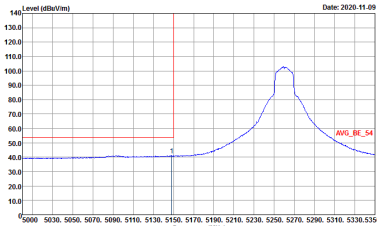
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 12 Setting : 16	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 12 Setting : 16
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 12 Setting : 16	Left blank

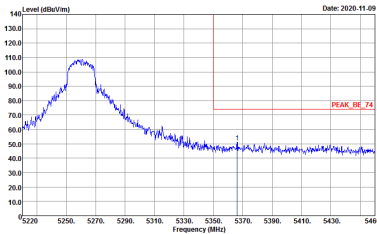
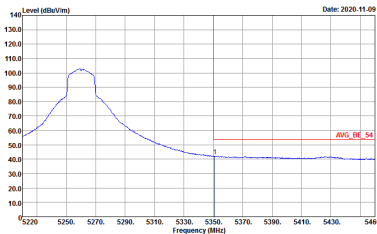


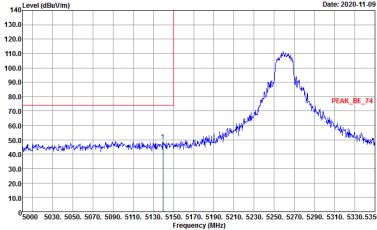
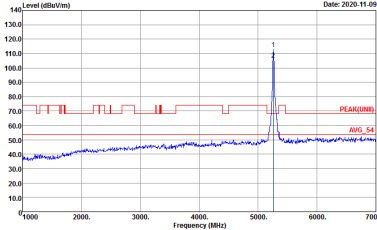
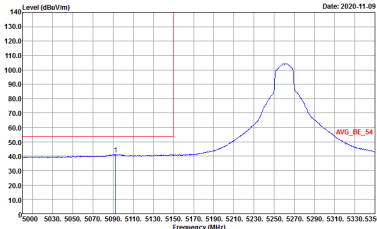
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 12 Setting : 16	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 12 Setting : 16
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 12 Setting : 16	Left blank

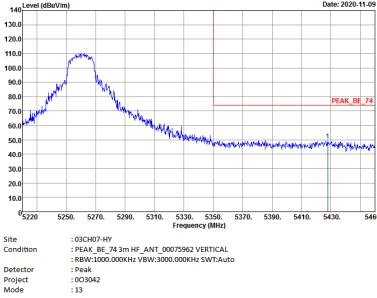
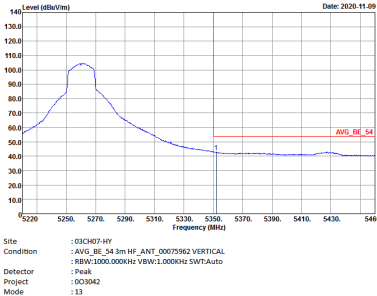


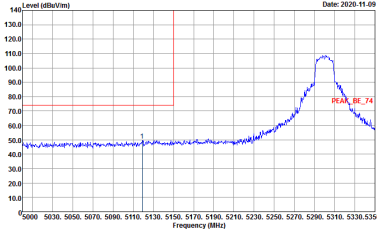
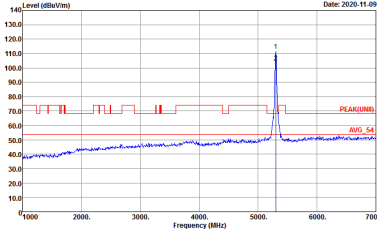
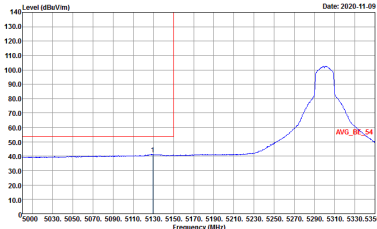
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

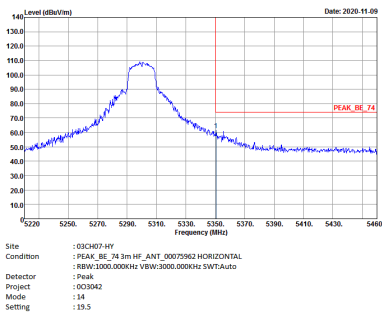
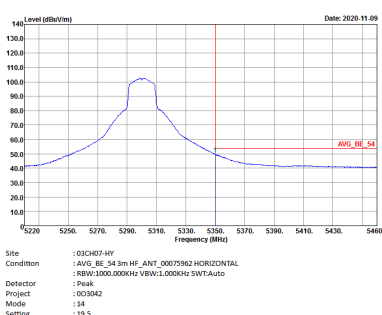
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 13	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 13	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : 13	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : 13	Left blank

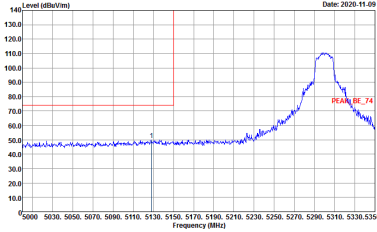
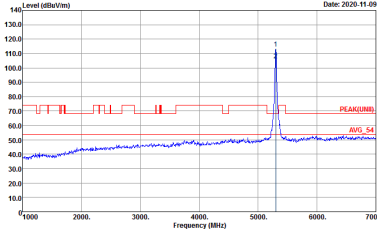
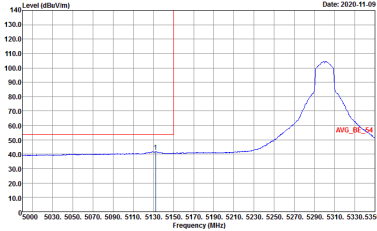
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13	 Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13	Left blank

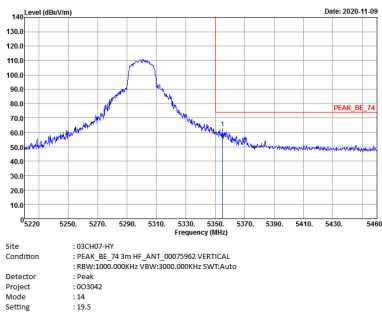
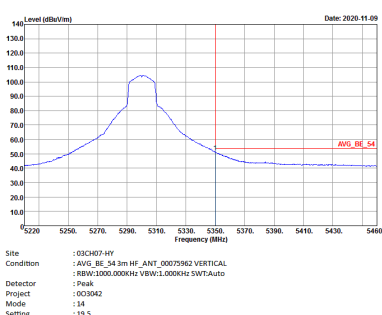
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 14 Setting : 13.5	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 14 Setting : 13.5
	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 14 Setting : 13.5	Left blank

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



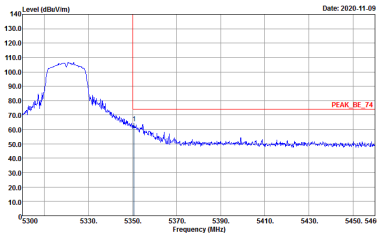
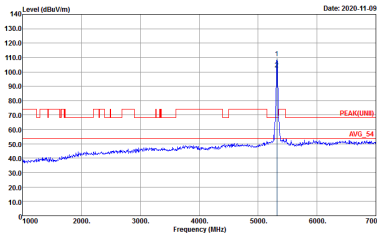
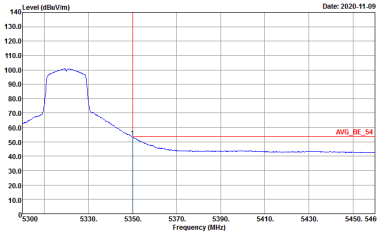
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 14 Setting : 13.5	 Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 14 Setting : 13.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 14 Setting : 13.5	Left blank

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



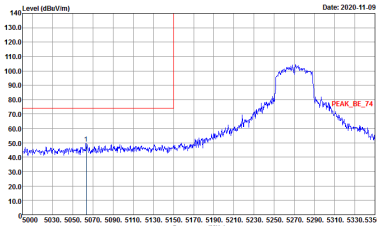
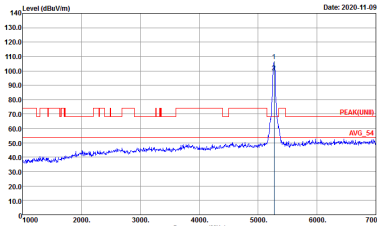
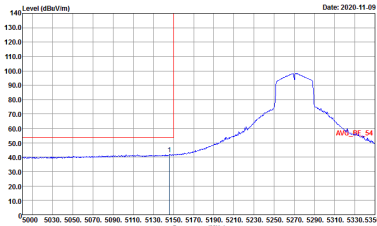
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15 Setting : 16	Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15 Setting : 16
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15 Setting : 16	Left blank

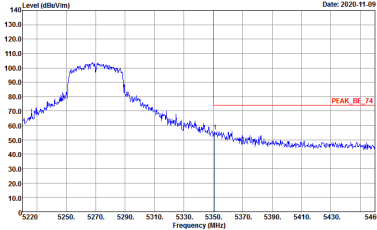
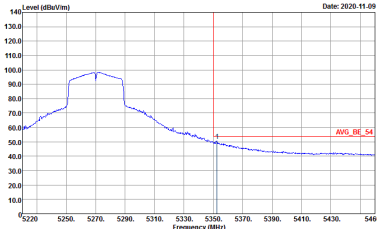


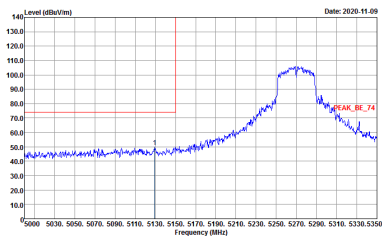
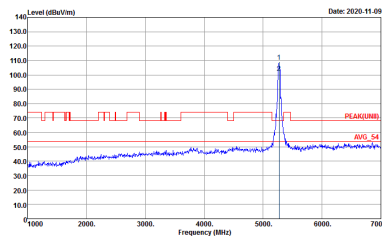
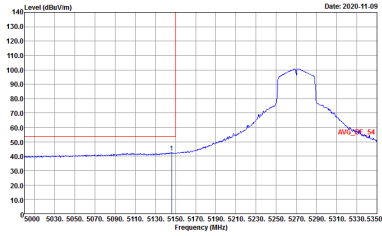
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Level (dBuV/m) Date: 2020-11-09 5300 5320 5340 5360 5380 5400 5420 5440 5460 Frequency (MHz) PEAK_BE_74 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15 Setting : 16	 Level (dBuV/m) Date: 2020-11-09 1000 2000 3000 4000 5000 6000 7000 Frequency (MHz) PEAKUMB AVG_54 Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15 Setting : 16
Avg.	 Level (dBuV/m) Date: 2020-11-09 5300 5320 5340 5360 5380 5400 5420 5440 5460 Frequency (MHz) AVG_BE_54 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15 Setting : 16	Left blank

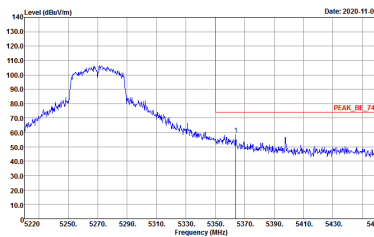
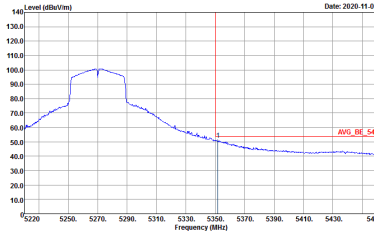


Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18 Setting : 18.5	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18 Setting : 18.5
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18 Setting : 18.5	Left blank

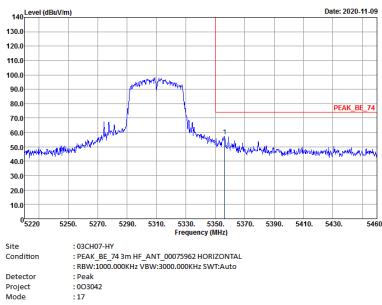
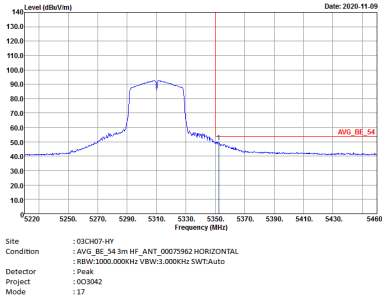
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : 16 Setting : 18.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 003042 Mode : 16 Setting : 18.5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18 Setting : 18.5	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18 Setting : 18.5
	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18 Setting : 18.5	Left blank

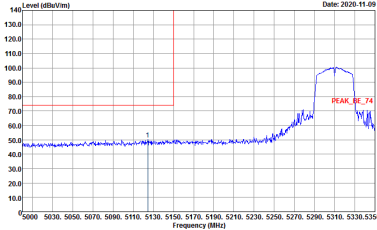
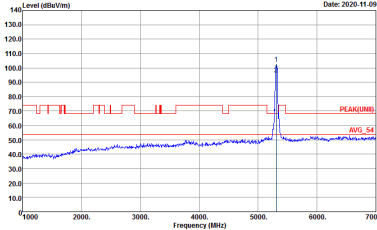
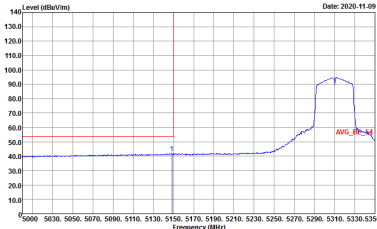
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 16 Setting : 18.5	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_34 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 16 Setting : 18.5	Left blank

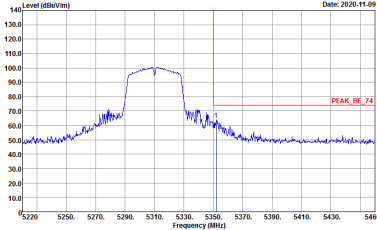
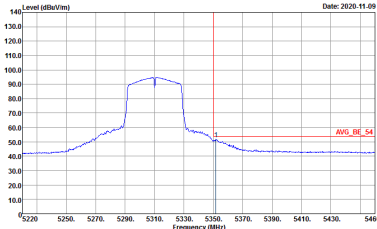


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 17	Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 17
Avg.	Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 17	Left blank

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

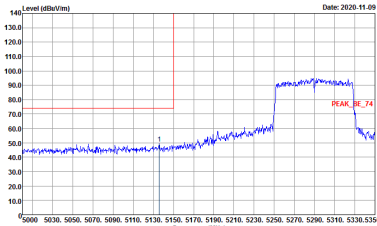
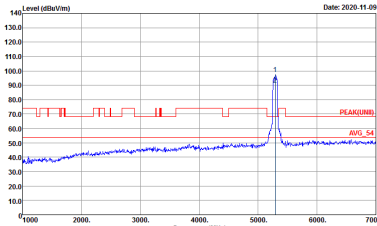
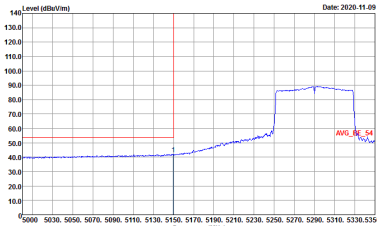


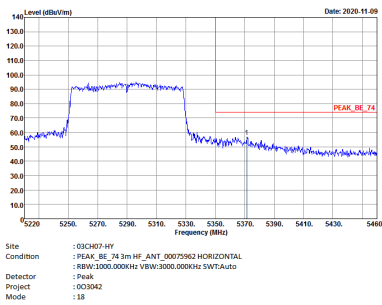
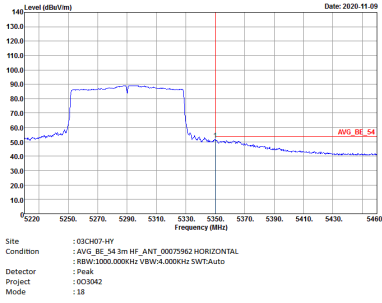
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 17	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 17
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 17	Left blank

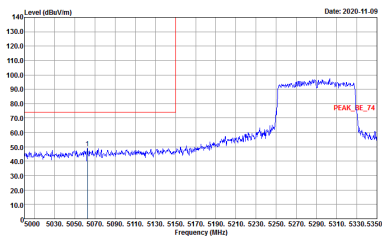
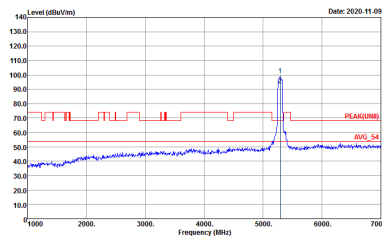
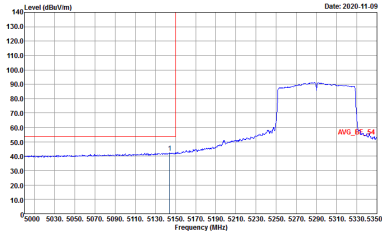
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 17	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00070962 VERTICAL Detector : Peak Project : 003042 Mode : 17	Left blank

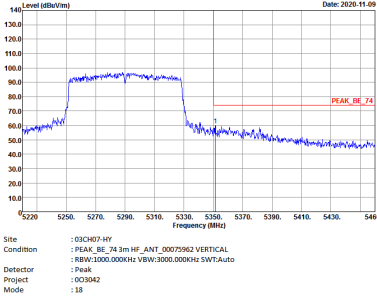
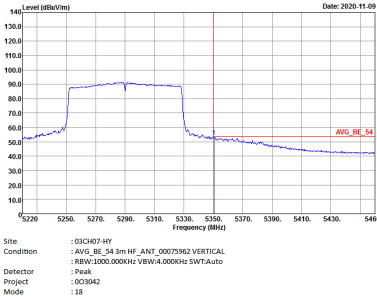


Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18	 Site : 03CH07-HY Condition : PEAK_UMB 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18	Left blank

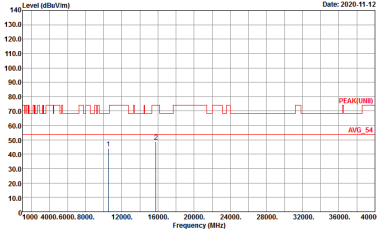
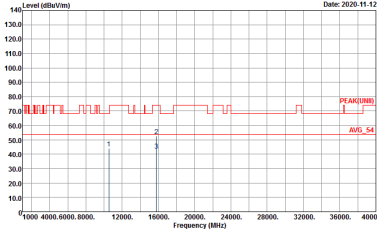
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18	 Site : 03CH07-HY Condition : PEAK(UMB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18
	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18	Left blank

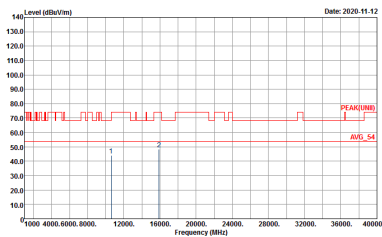
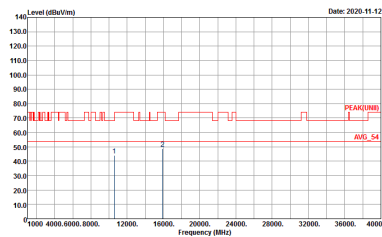
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



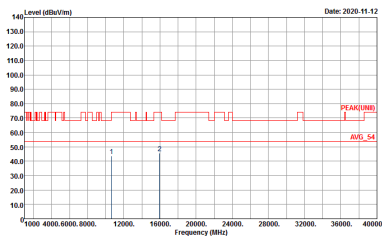
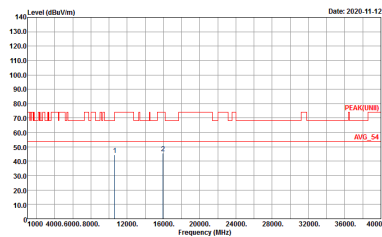
Band 2 - 5250~5350MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4H Condition : PEAK(UN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 10	 Site : 03CH07-4H Condition : PEAK(UN) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 10



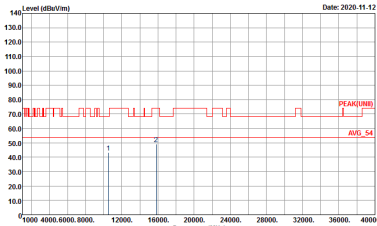
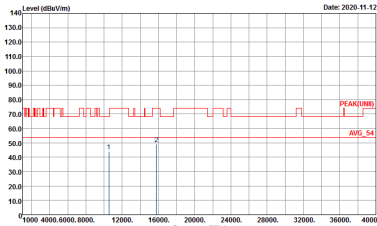
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 11	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 11



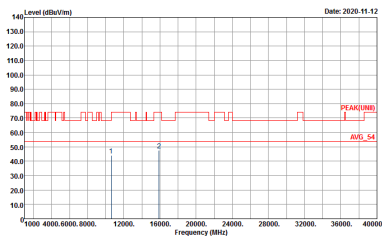
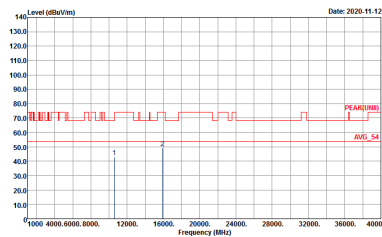
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RF Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 12	 Site : 03CH07-RF Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 12



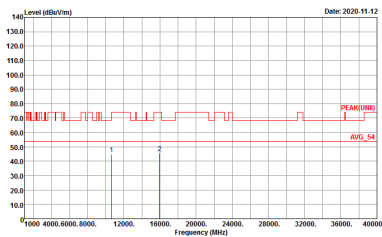
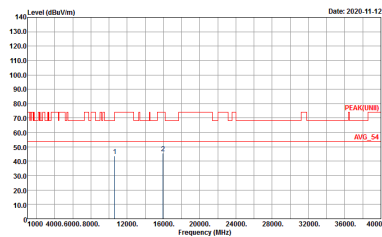
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 13	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13



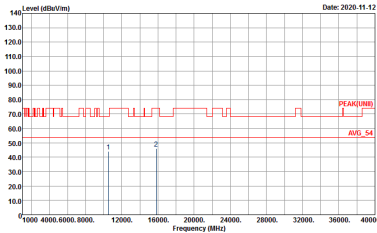
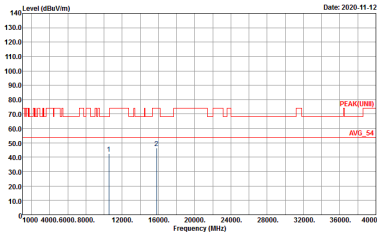
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 14	 Site : 03CH07-RH Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 14



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15



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

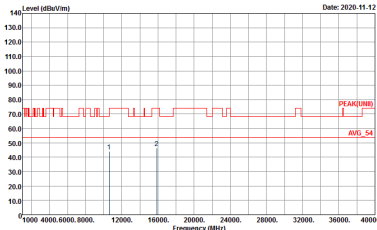
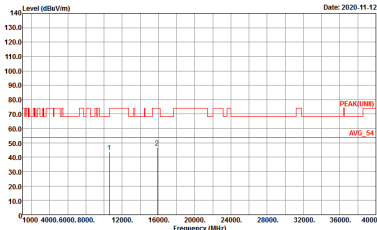
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 16	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 16



WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2020-11-12 Frequency (MHz) Site : 03CH07-RH Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 17	Level (dBuV/m) Date: 2020-11-12 Frequency (MHz) Site : 03CH07-RH Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 17

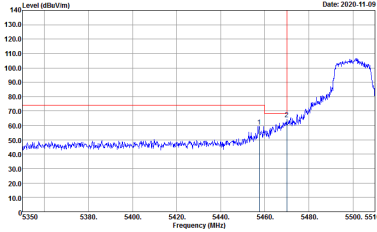
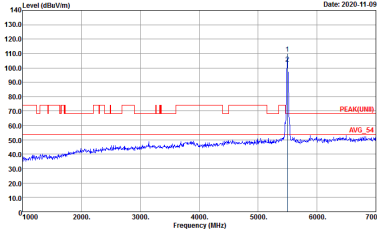
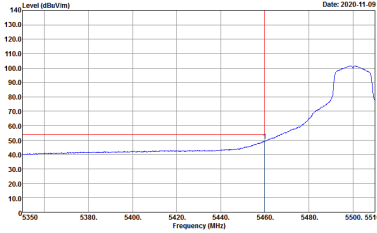


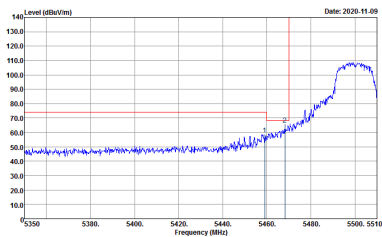
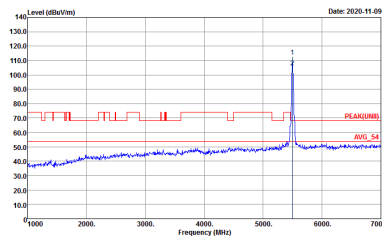
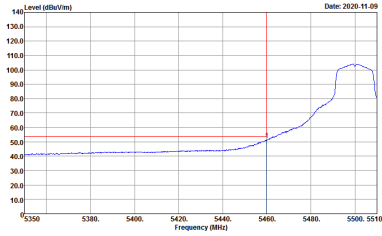
Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 18	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 18

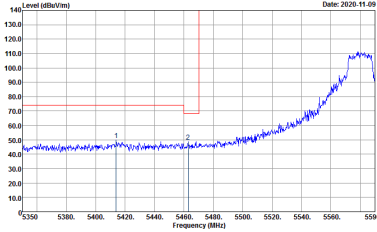
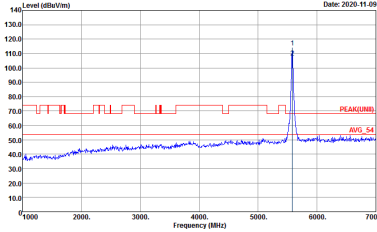
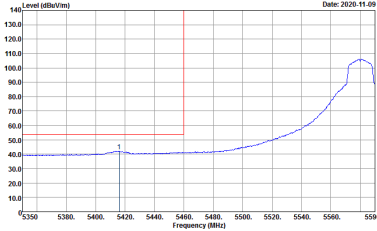


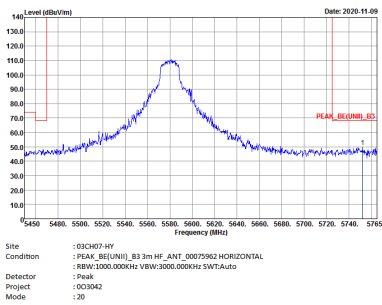
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

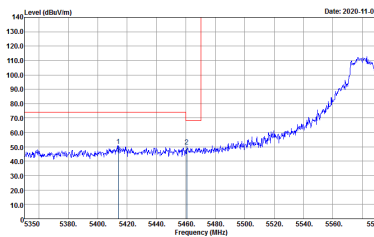
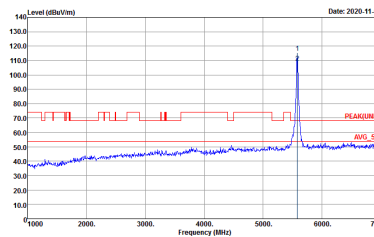
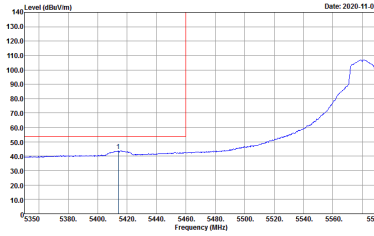
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNITS)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : OC3042 Mode : 19	 Site : 03CH07-HY Condition : PEAK(UNITS)_3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : OC3042 Mode : 19
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNITS)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : OC3042 Mode : 19	Left blank

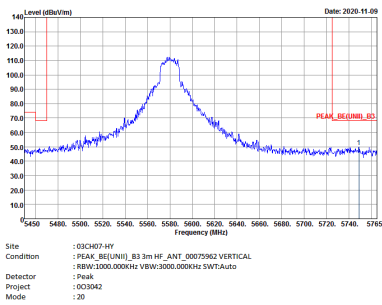
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13
	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 13	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 20	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 20
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 20	Left blank

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

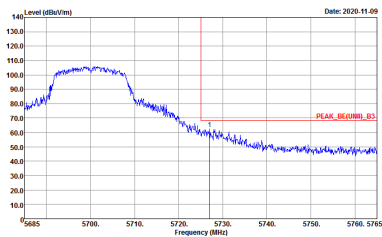
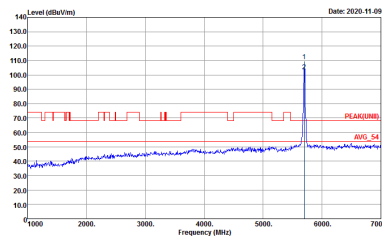
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 20	 Site : 03CH07-HY Condition : PEAK(UNII)_3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 20
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 20	Left blank

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



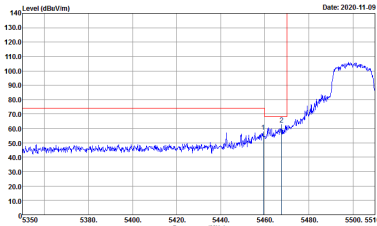
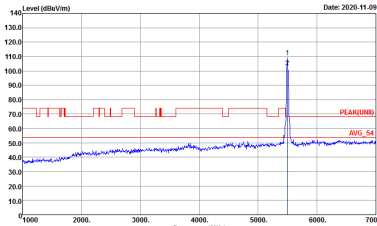
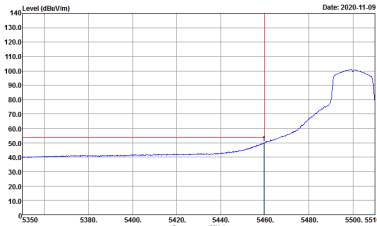
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	Level (dBuV/m) Date: 2020-11-09 PEAK_BE(UNI)_B3 Site : 03CH07-4H Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 21	Level (dBuV/m) Date: 2020-11-09 PEAK_BE(UNI)_B3 Site : 03CH07-4H Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 21

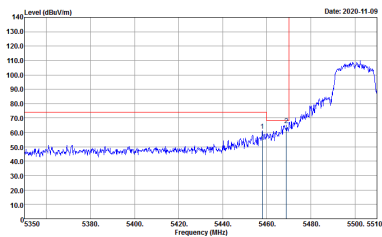
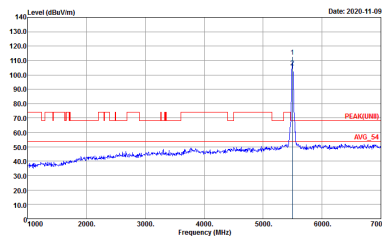
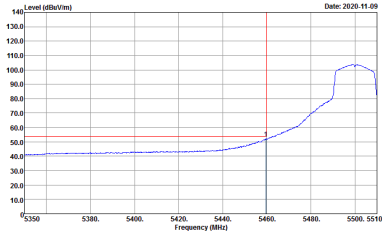


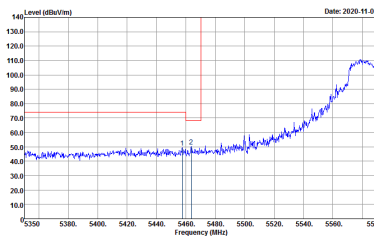
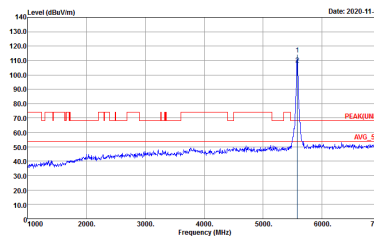
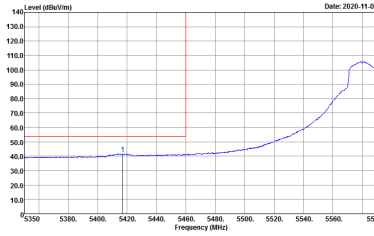
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-4H Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 21	 Site : 03CH07-4H Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 21

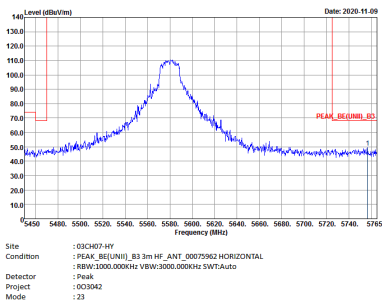


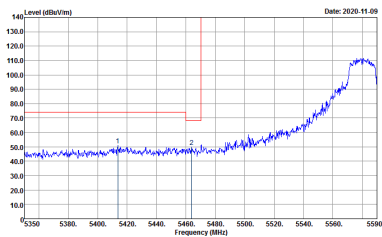
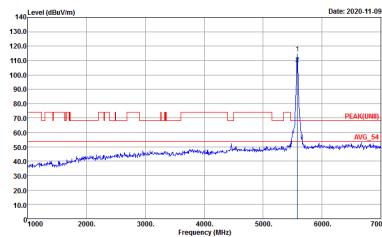
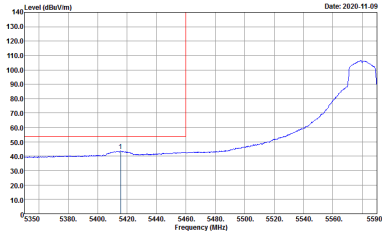
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

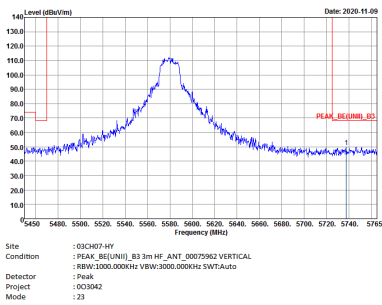
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 22	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 22
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 22	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 22	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 22
	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 22	Left blank

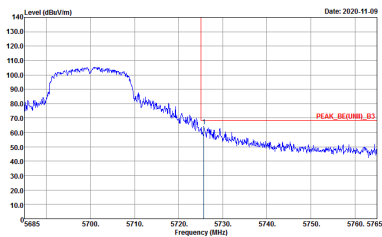
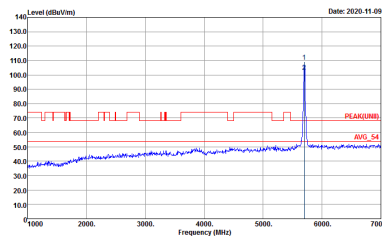
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH16 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 23	 Site : 03CH07-HY Condition : PEAK(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 23
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 23	Left blank

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

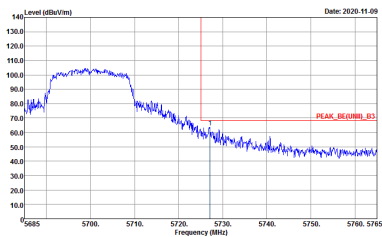
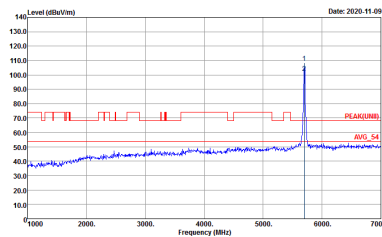
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 23	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 23
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 23	Left blank

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



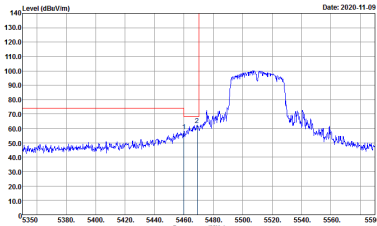
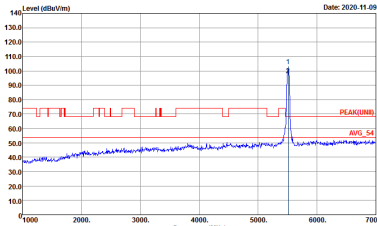
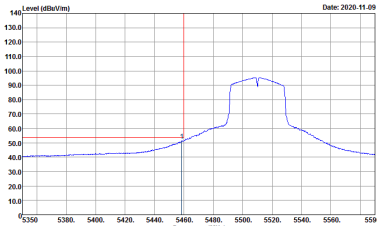
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-4H Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 24	 Site : 03CH07-4H Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 24



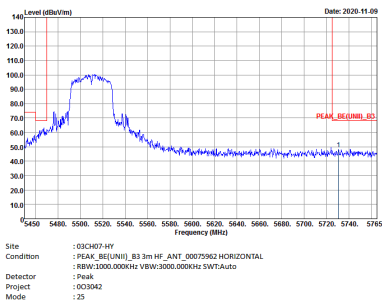
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH07-011 Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 24	 Site : 03CH07-011 Condition : PEAK_BE(UNI)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 24

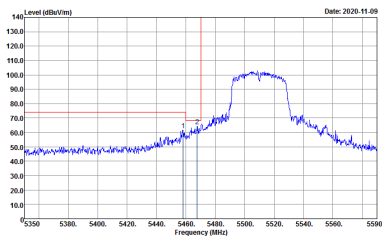
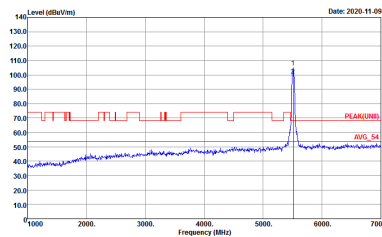
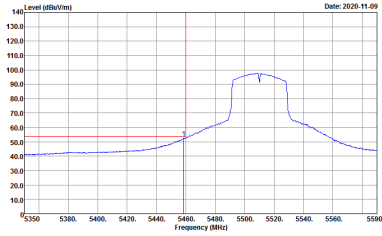


Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

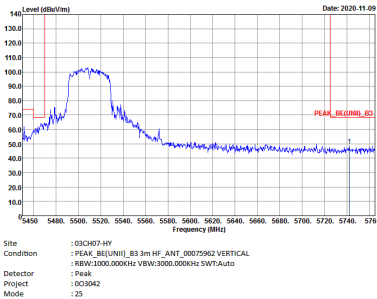
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNIV]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 25	 Site : 03CH07-HY Condition : PEAK[UNIV] 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 25
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNIV]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 25	Left blank



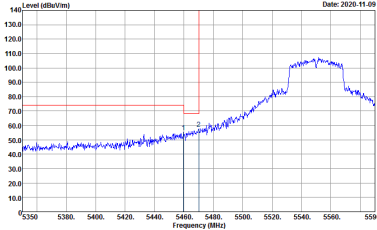
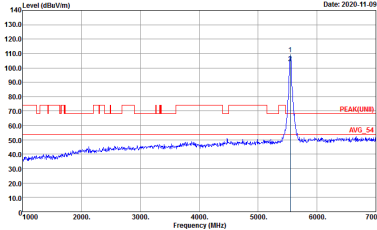
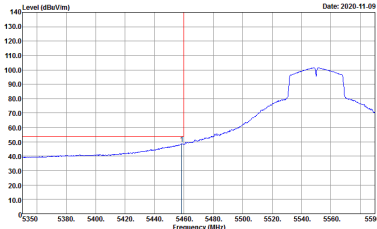
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 25	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 25
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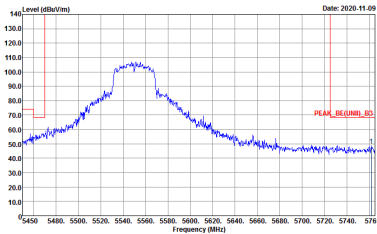


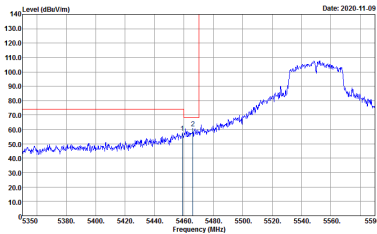
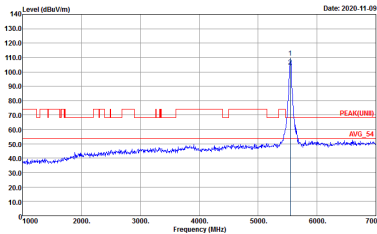
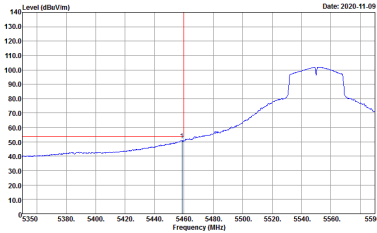
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ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak		Left blank

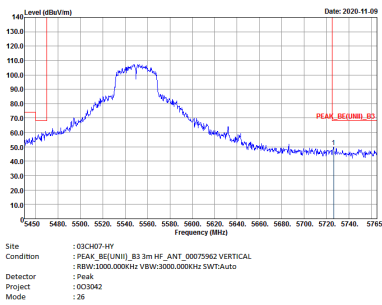


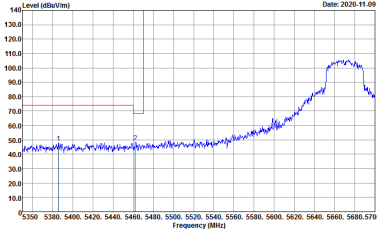
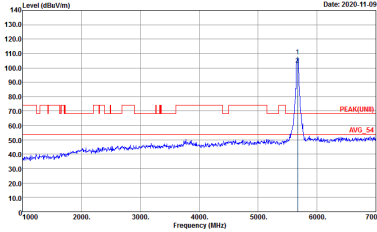
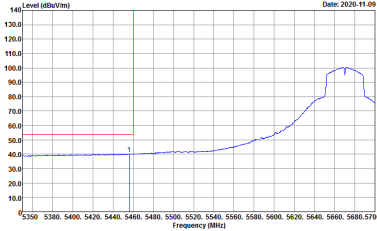
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 26	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 26
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 26	Left blank



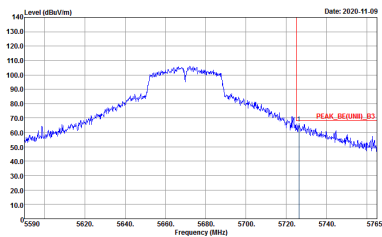
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-001 Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 26	Left blank

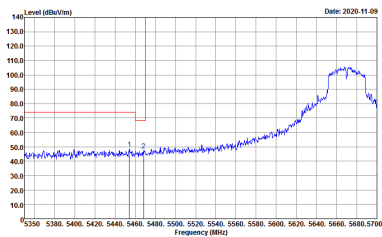
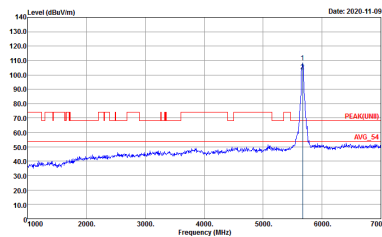
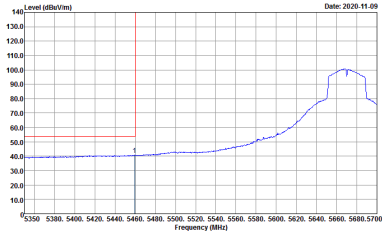
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 26	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 26
	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 26	Left blank

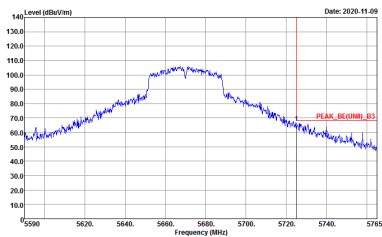
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 27	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 27
	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 27	Left blank



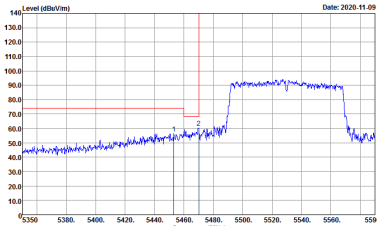
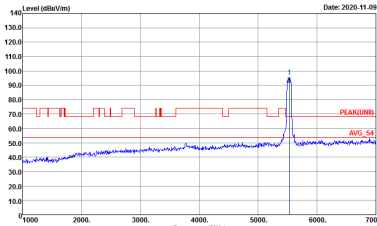
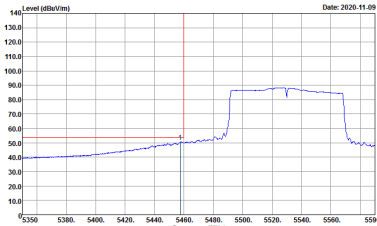
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-001 Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 27	Left blank

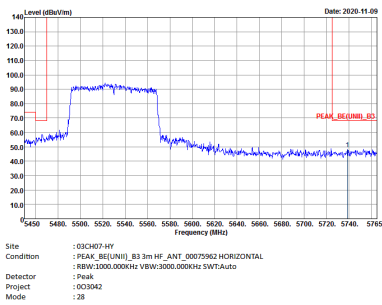
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 27	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 27
	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 27	Left blank

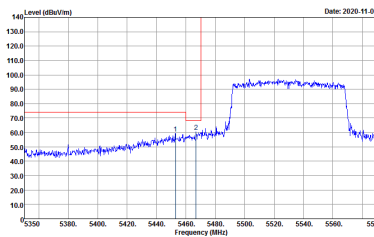
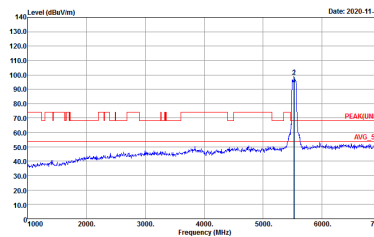
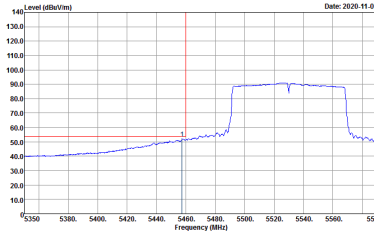
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-001 Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 27	Left blank



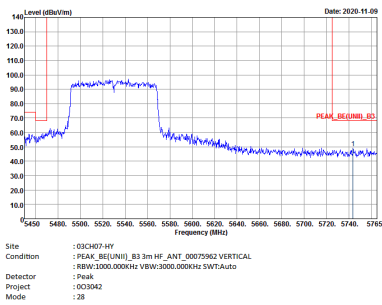
Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

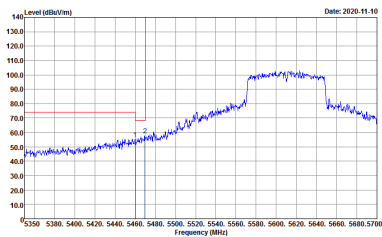
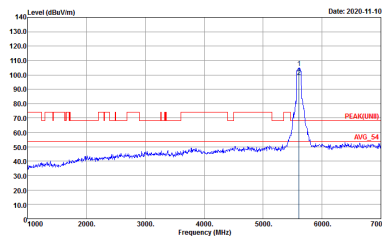
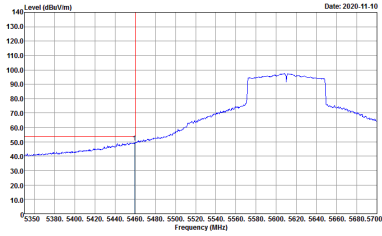
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 28	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 28
Avg.	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 28	Left blank

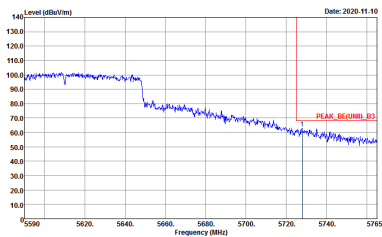
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Horizontal	Fundamental
Peak		Left blank

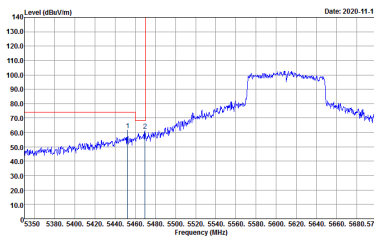
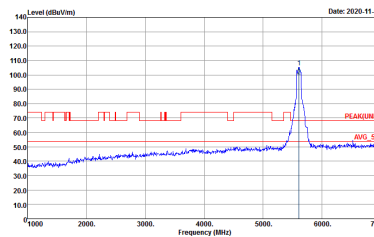
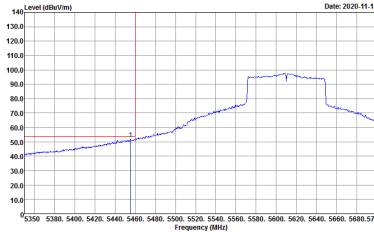
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 28	 Site : 03CH07-HY Condition : PEAK[UNII] 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 28
	 Site : 03CH07-HY Condition : AVG_BE[UNII]_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 28	Left blank



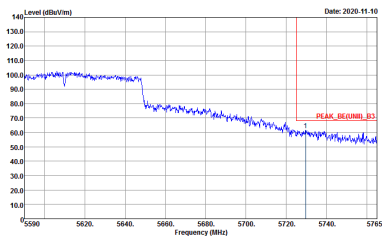
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz - R	
1	Vertical	Fundamental
Peak		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 32	 Site : 03CH07-HY Condition : PEAK(UNIT) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 32
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 32	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-001 Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 003042 : 32	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 32	 Site : 03CH07-HY Condition : PEAK(UNII)_3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 32
Avg.	 Site : 03CH07-HY Condition : AVG_BE(UNII)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 32	Left blank

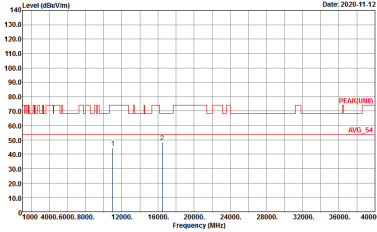
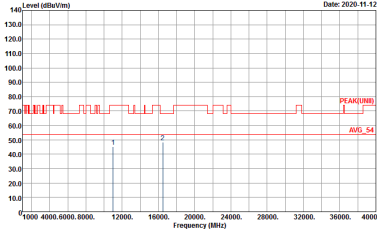


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-001 Condition : PEAK_BE(UNIT)_B3 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 32	Left blank

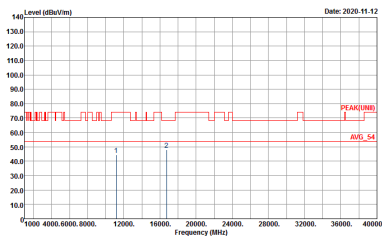
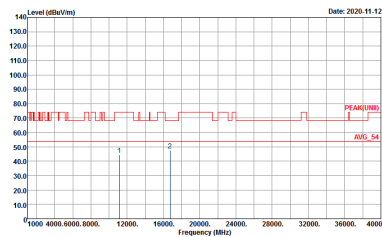


Band 3 - 5470~5725MHz

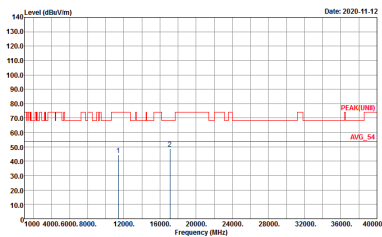
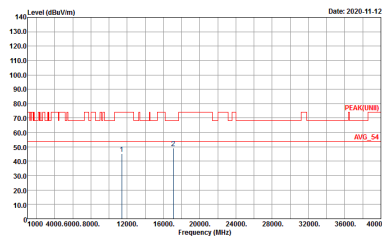
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4H Condition : PEAK(UN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 15	 Site : 03CH07-4H Condition : PEAK(UN) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 15

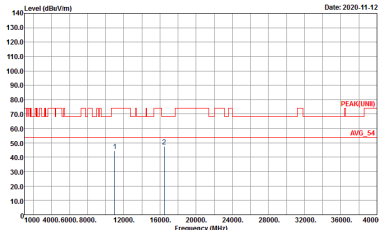
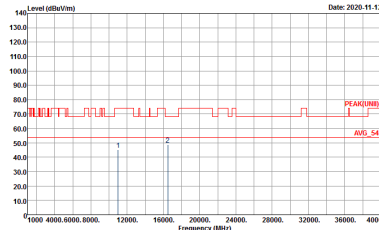


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 20	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 20

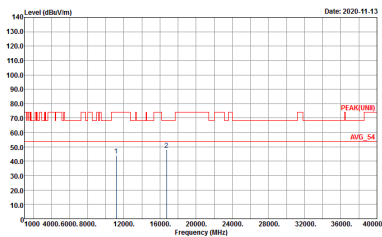
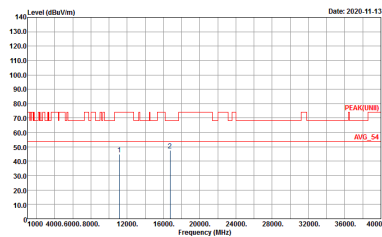


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 21	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 21

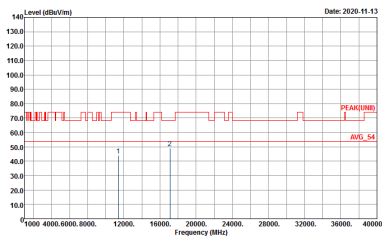
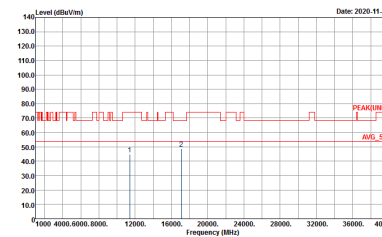
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 22	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 22



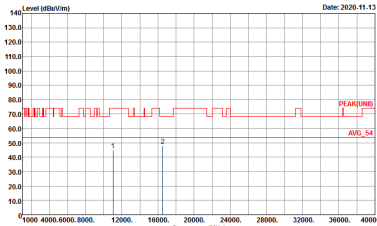
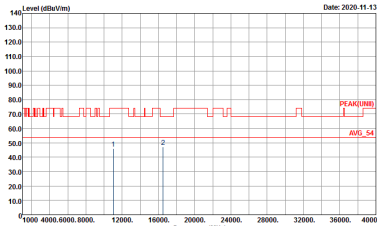
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RF Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 23	 Site : 03CH07-RF Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 23



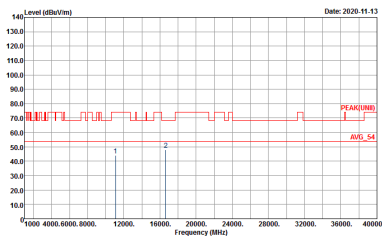
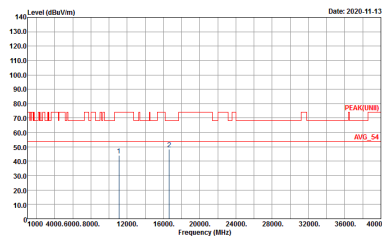
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 24	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 24



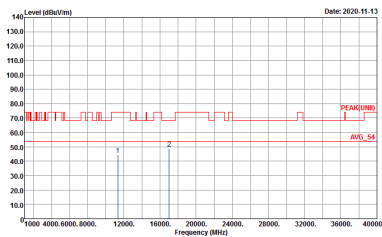
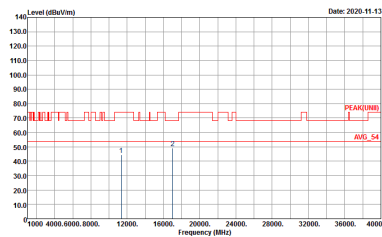
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH102 5510MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 25	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 25

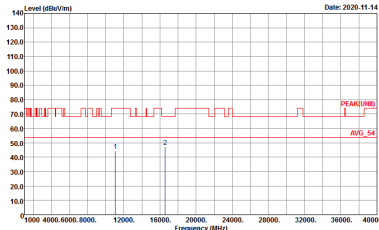
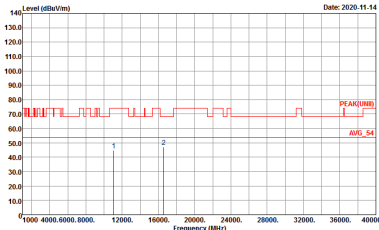


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH110 5550MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNH) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 26	 Site : 03CH07-RH Condition : PEAK(UNH) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 26

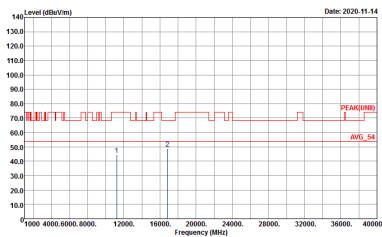
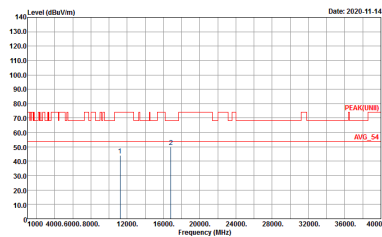


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT40 CH134 5670MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 27	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 27

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

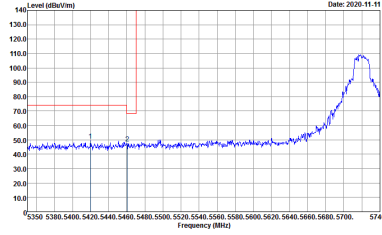
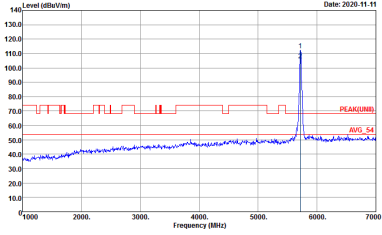
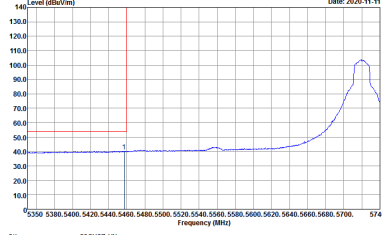
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH106 5530MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 28	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 28

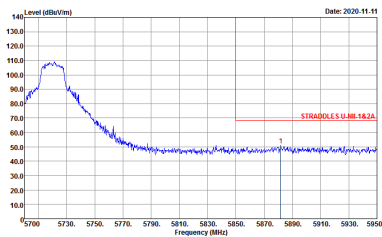


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH122 5610MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 32	 Site : 03CH07-RH Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 32

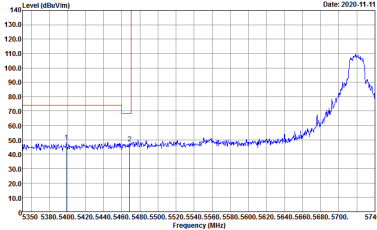
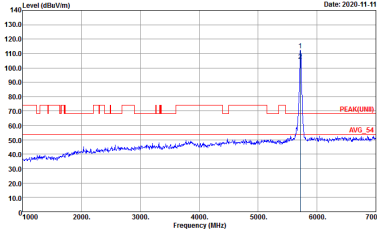
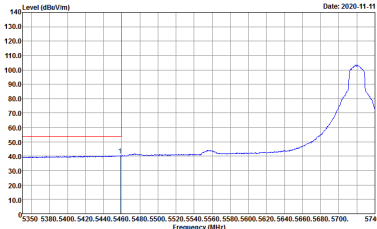


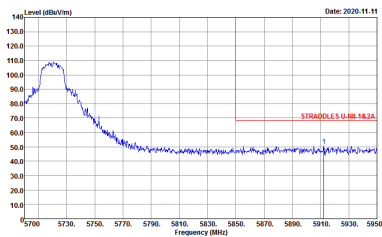
Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDLES (U-NI)-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : OC3042 Mode : 33	 Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : OC3042 Mode : 33
Avg.	 Site : 03CH07-HY Condition : U-NI-18.2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : OC3042 Mode : 33	Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-891 Condition : STRADOLIS U-NH-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 003042 : 33	Left blank
Avg.	Left blank	Left blank

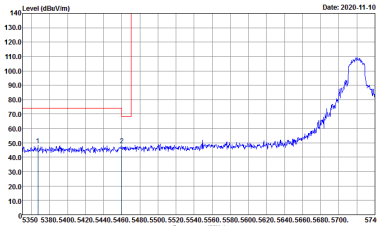
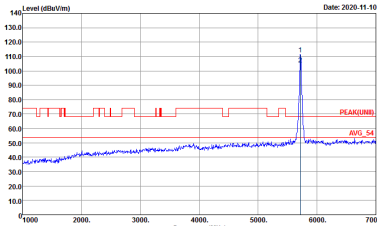
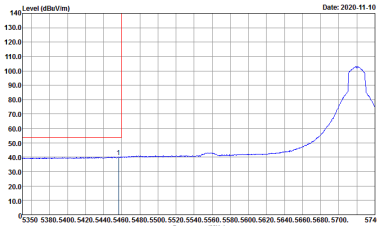


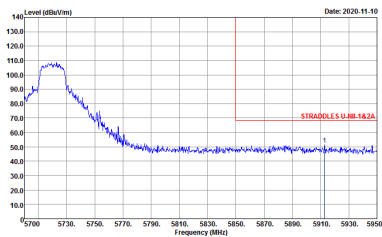
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDOLES U-NII-1.62A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 33	 Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 33
Avg.	 Site : 03CH07-HY Condition : U-NII-1.62A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 33	Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-891 Condition : STRADDOLES U-NH-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 33	Left blank
Avg.	Left blank	Left blank

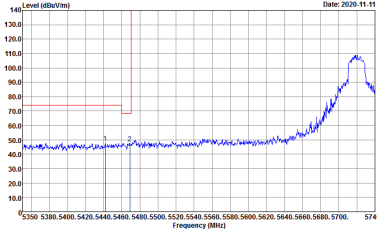
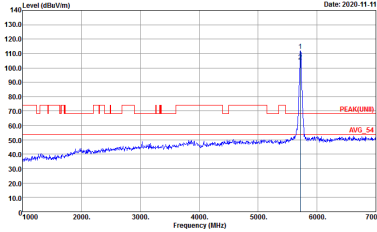
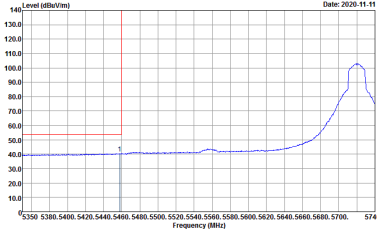


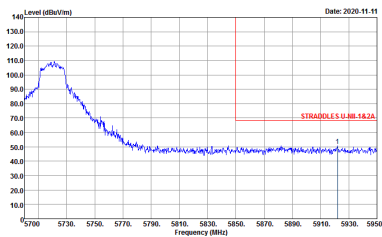
Band 3 – Straddle Channel
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDLES U-NH-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 34	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 34
Avg.	 Site : 03CH07-HY Condition : U-NH-18.2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 34	Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-001 Condition : STRADOLIS U-NL 18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 003042 : 34	Left blank
Avg.	Left blank	Left blank

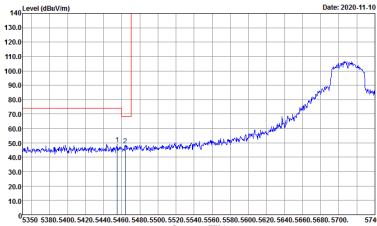
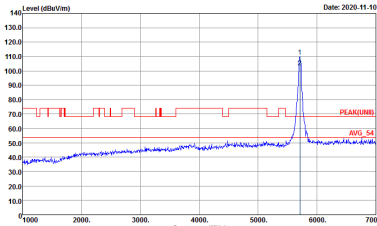
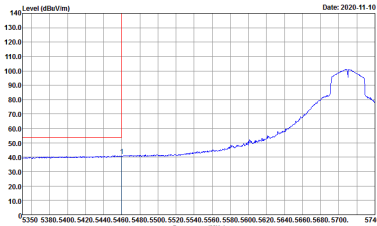


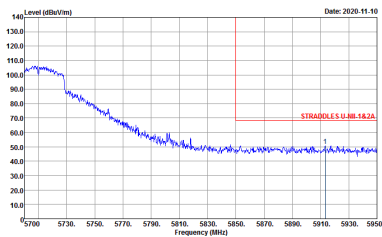
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDOLES U-NII-1.62A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 34	 Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 34
Avg.	 Site : 03CH07-HY Condition : U-NII-1.62A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 34	Left blank

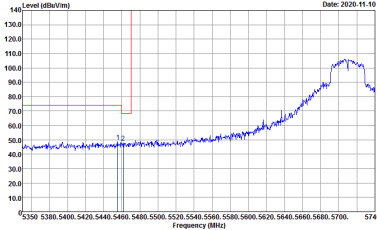
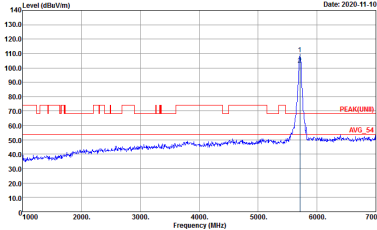
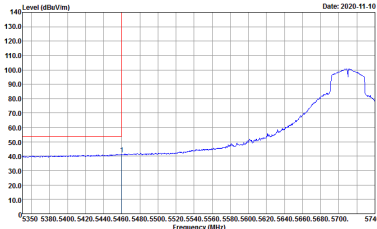
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-891 Condition : STRADOLIS U-NH-182A 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 003042 : 34	Left blank
Avg.	Left blank	Left blank

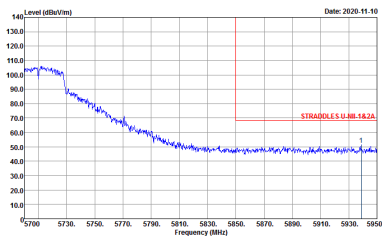


Band 3 – Straddle Channel
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDLES U-NH-18.2A 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 003042 Mode : 35	 Site : 03CH07-HY Condition : PEA(LUNH) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 003042 Mode : 35
Avg.	 Site : 03CH07-HY Condition : U-NH-18.2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 003042 Mode : 35	Left blank

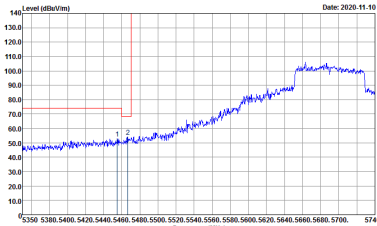
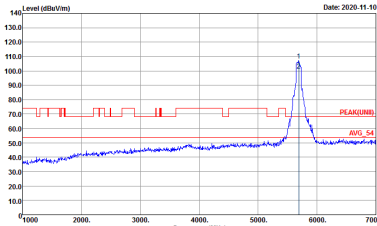
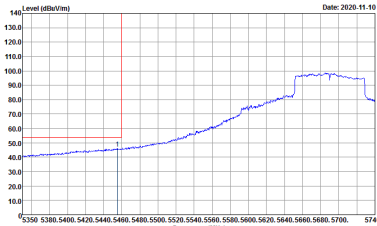
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-891 Condition : STRADDOLES U-NH-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 003042 : 35	Left blank
Avg.	Left blank	Left blank

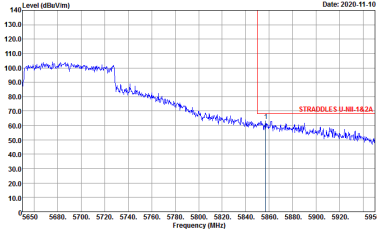
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDOLES U-NII-1.62A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 35	 Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 35
	 Site : 03CH07-HY Condition : U-NII-1.62A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 35	Left blank

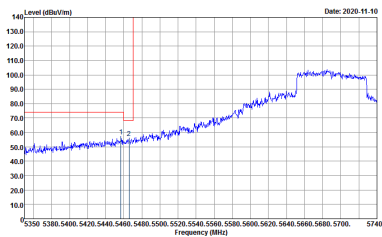
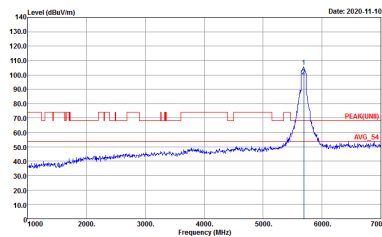
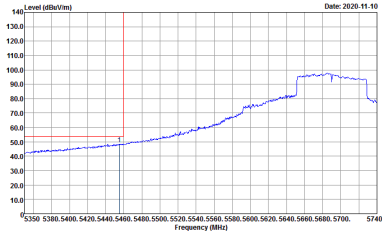
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-891 Condition : STRADOLIS U-NH-18.2A 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 003042 : 35	Left blank
Avg.	Left blank	Left blank

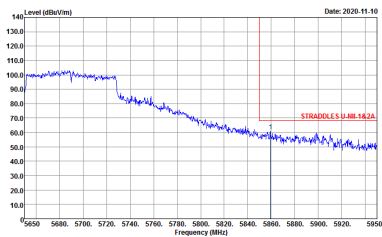


Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDLES U-NH-18.2A 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 003042 Mode : 36	 Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 003042 Mode : 36
Avg.	 Site : 03CH07-HY Condition : U-NH-18.2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000kHz VBW:4.000kHz SWT:Auto Detector : Peak Project : 003042 Mode : 36	Left blank

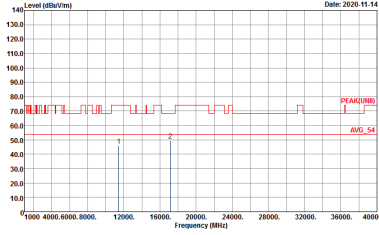
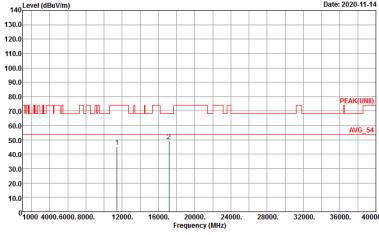
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-001 Condition : STRADDOLES U-NII-1&2A 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 003042 : 36	Left blank
Avg.	Left blank	Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : STRADDOLES U-NII-1.62A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 36	 Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 36
Avg.	 Site : 03CH07-HY Condition : U-NII-1.62A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 36	Left blank

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-001 Condition : STRADDOLES U-NH-142A 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 003042 : 36	Left blank
Avg.	Left blank	Left blank

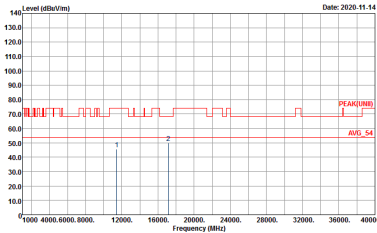
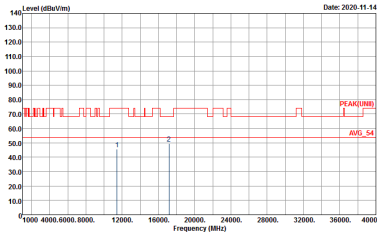


Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-4H Condition : PEAK(UNB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 33	 Site : 03CH07-4H Condition : PEAK(UNB) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 33

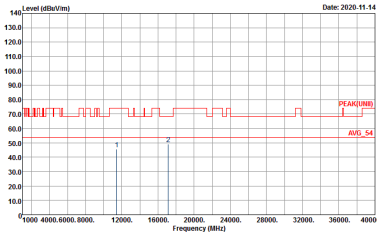
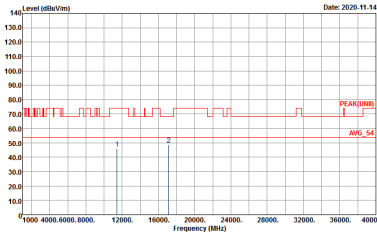


Band 3 – Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

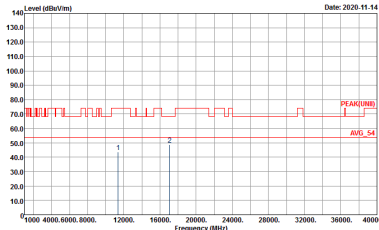
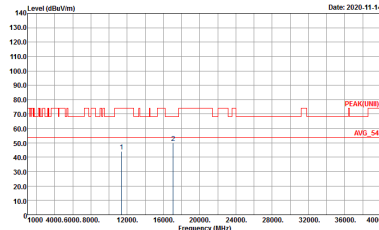
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT20 CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 34	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 34



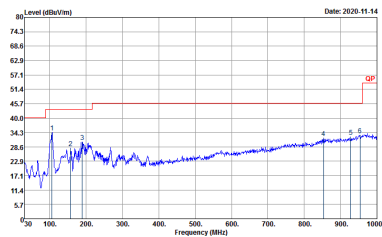
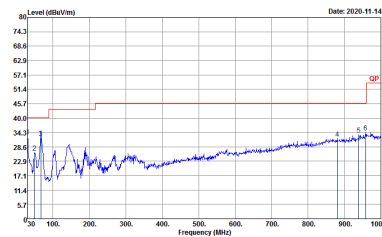
Band 3 – Straddle Channel
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 35	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 35

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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 003042 Mode : 36	 Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 003042 Mode : 36

Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF ANT-15419(s) HORIZONTAL Detector : Peak Project : 003042 Mode : 17	 Site : 03CH07-HY Condition : QP 3m LF ANT-15419(s) VERTICAL Detector : Peak Project : 003042 Mode : 17



Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	97.54	1390	0.72	1kHz	0.11
5GHz 802.11n HT20	97.38	1300	0.77	1kHz	0.12
5GHz 802.11n HT40	94.75	650	1.54	3kHz	0.23
5GHz 802.11ac VHT80	90.00	324	3.09	4kHz	0.46

