



FCC RADIO TEST REPORT

FCC ID : B32T650P
Equipment : Point of Sales Terminal
Brand Name : Verifone
Model Name : T650p
Applicant : Verifone, Inc.
1400 West Stanford Ranch Road,
Suite 200, Rocklin CA 95765 USA
Manufacturer : Verifone, Inc.
Standard : FCC Part 15 Subpart E §15.407

The product was received on Aug. 26, 2020 and testing was started from Sep. 01, 2020 and completed on Oct. 07, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR052211-07D	01	Initial issue of report	Oct. 19, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 3.06 dB at 5725.240 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 14.42 dB at 0.496 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: Celery Wei



1 General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n, CTLS, and GNSS

Product Specification subjective to this standard	
Antenna Type	WWAN: FPC Antenna WLAN: FPC Antenna Bluetooth: FPC Antenna GPS / Glonass / BDS : FPC Antenna CTLS: Loop Antenna

Specification of Accessory		
AC Adapter (For US)	Brand Name	Verifone
	Model Name	S010CNU0500200
	Manufacturer	Ten Pao Industrial Co., Ltd.
	Power Rating	Input : 100-240V AC 50/60Hz, 400 mA Output: 5.0V DC 2000mA
Battery	Brand Name	Verifone
	Model Name	SX18650-2S1P
USB Cable	Brand Name	Verifone
	Model Name	NA

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, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH05-HY	CO05-HY

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

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

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

FCC designation No.: TW1190 and TW0007

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 (X plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

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

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

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

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

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN (5GHz) Link + MPEG4 (SD Card) + Earphone + SD Card + MSR On + CTLS On + Print + PSCR + USB Cable (Charging from Adapter) + SIM 1

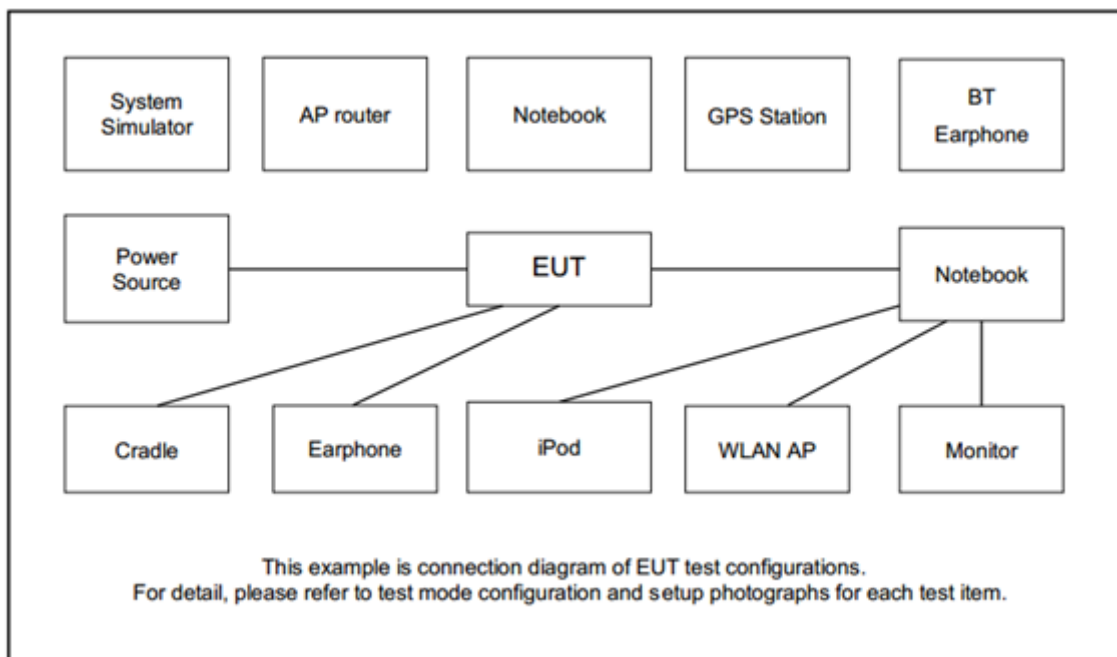
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

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.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A
5.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m
6.	MSR Card	N/A	N/A	N/A	N/A	N/A
7.	Smart Card	N/A	N/A	N/A	N/A	N/A
8.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility “QRCT V3.0.303.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

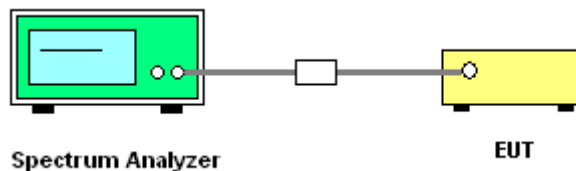
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

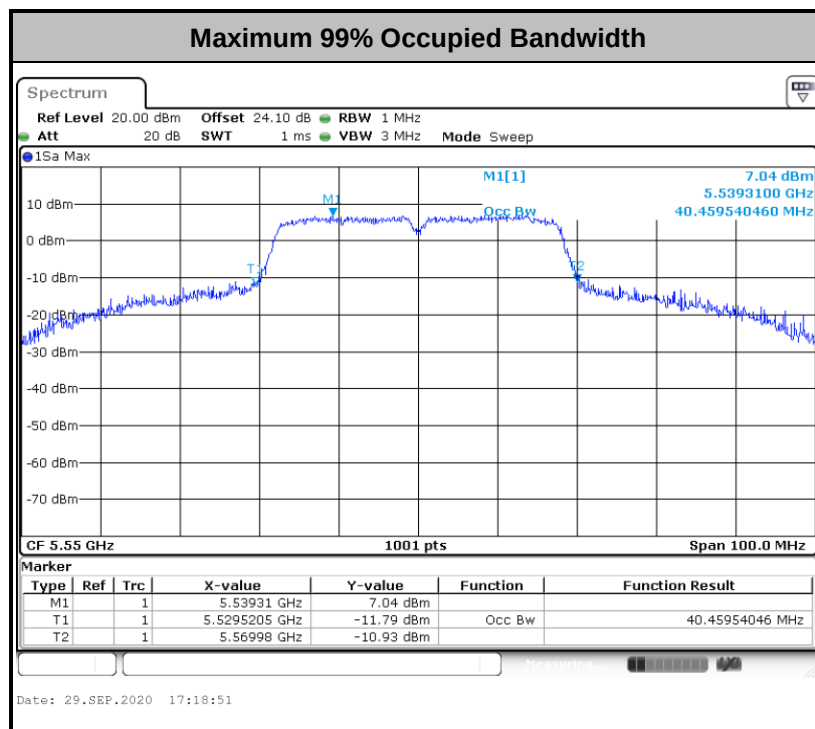
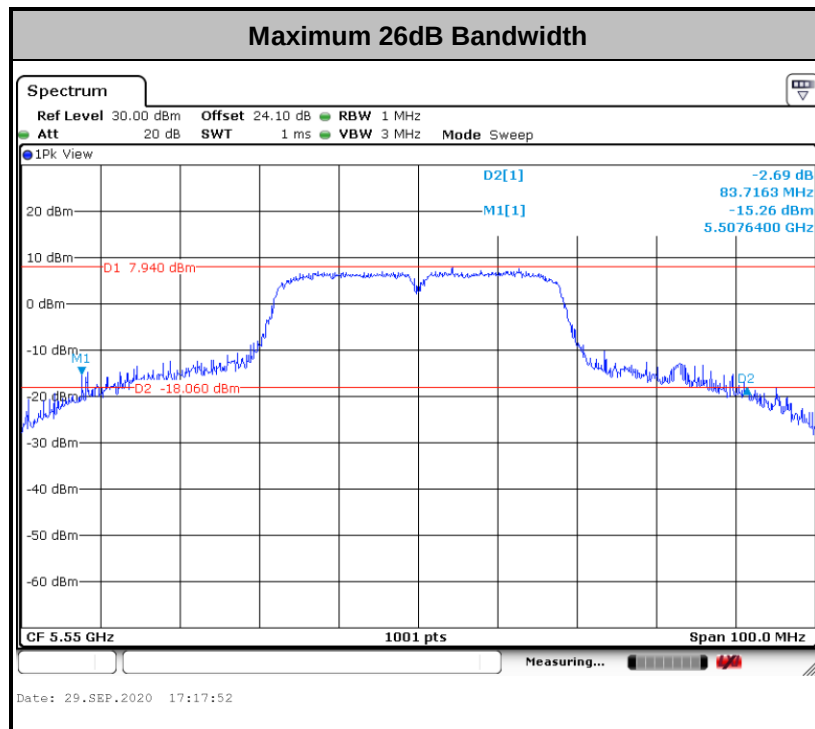
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

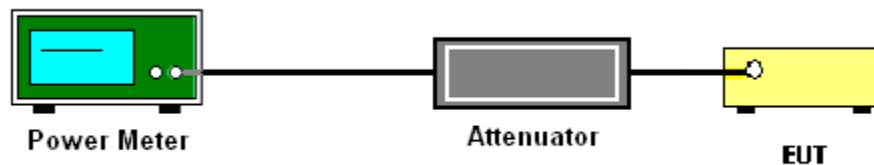
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

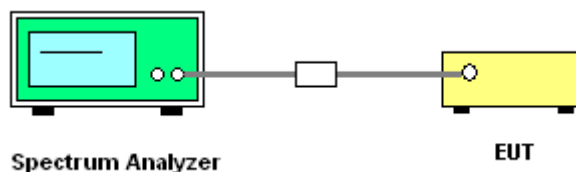
Section F) Maximum power spectral density.

Method SA-3

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

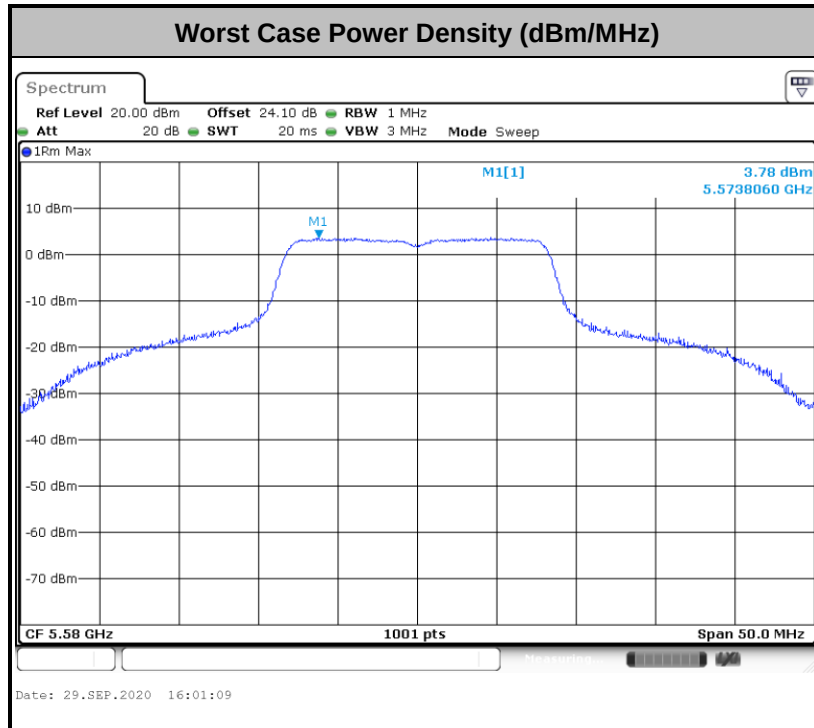
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time $\leq$ (number of points in sweep) $\times$ T, when duty cycle is less than 98 percent where T is the minimum transmission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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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

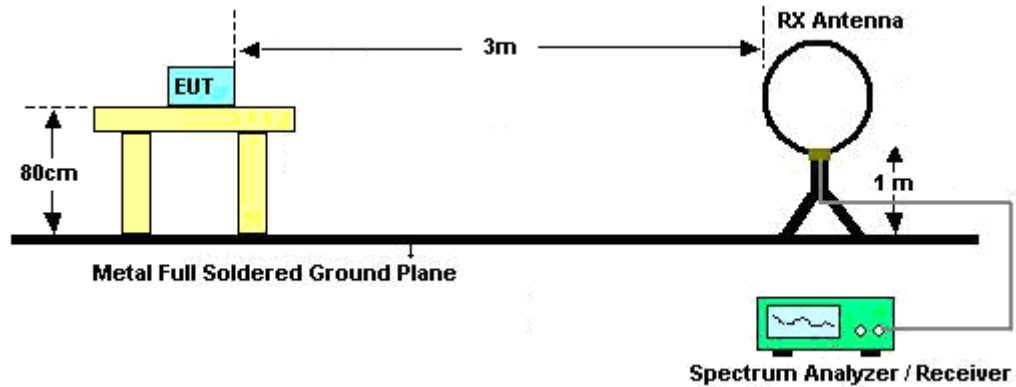
- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

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

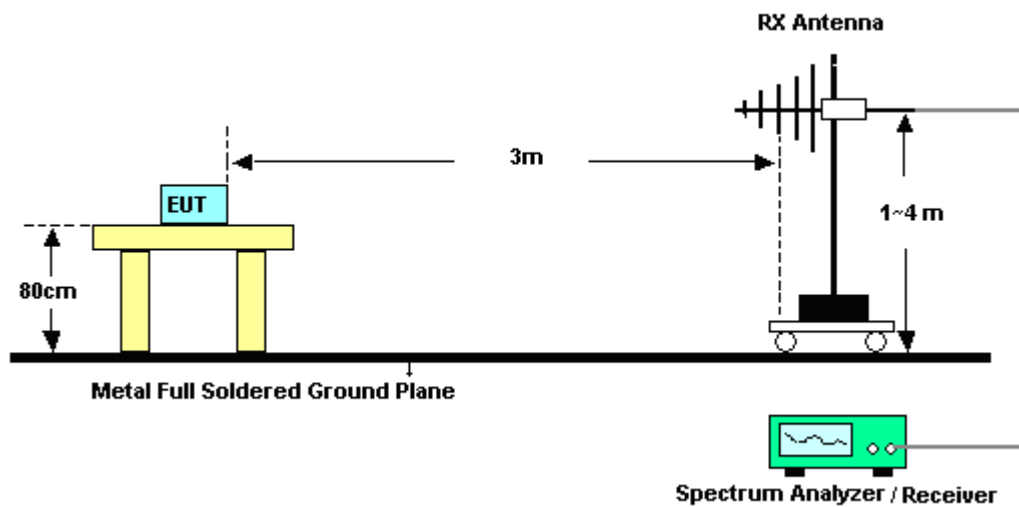
- RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2.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

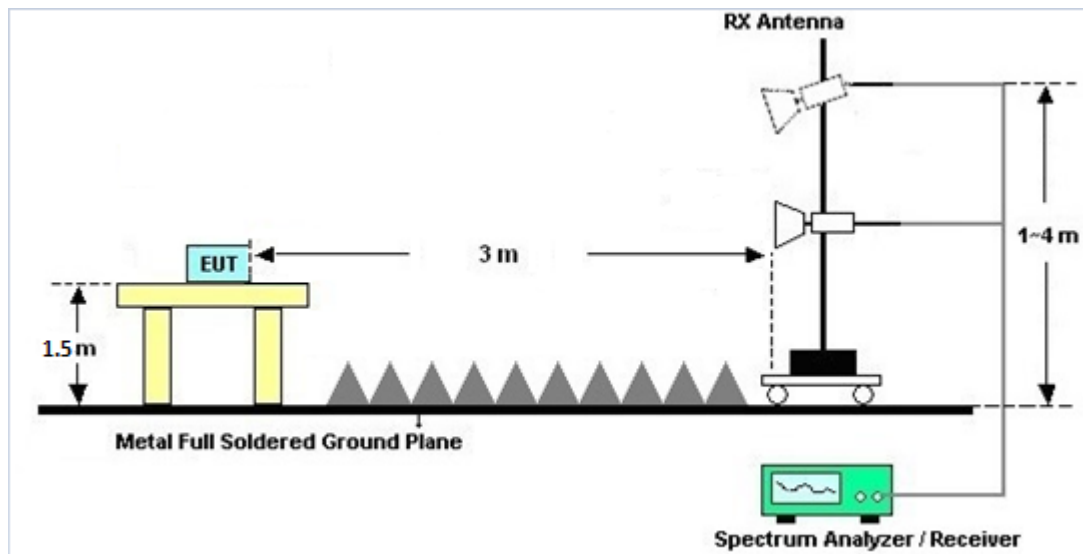
For radiated emissions below 30MHz



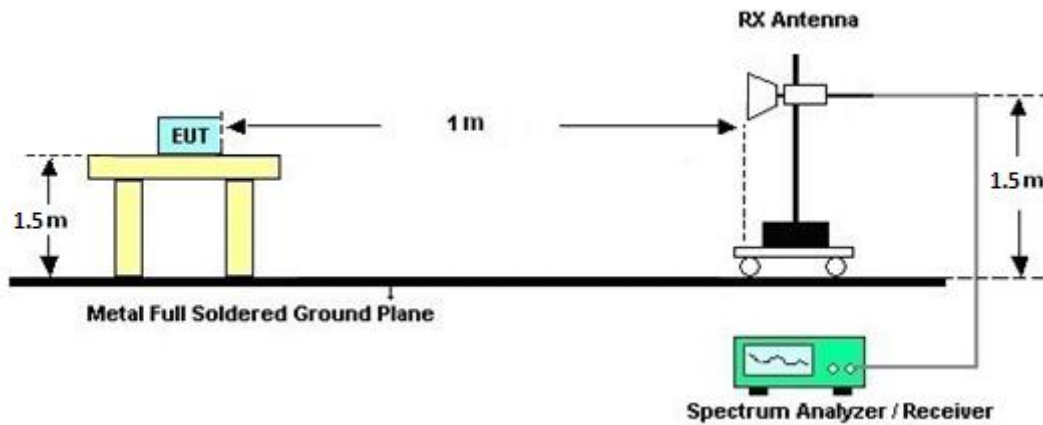
For radiated emissions from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz





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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

Frequency of emission (MHz)	Conducted limit (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.

For terminal test result, the testing follows FCC KDB 174176.

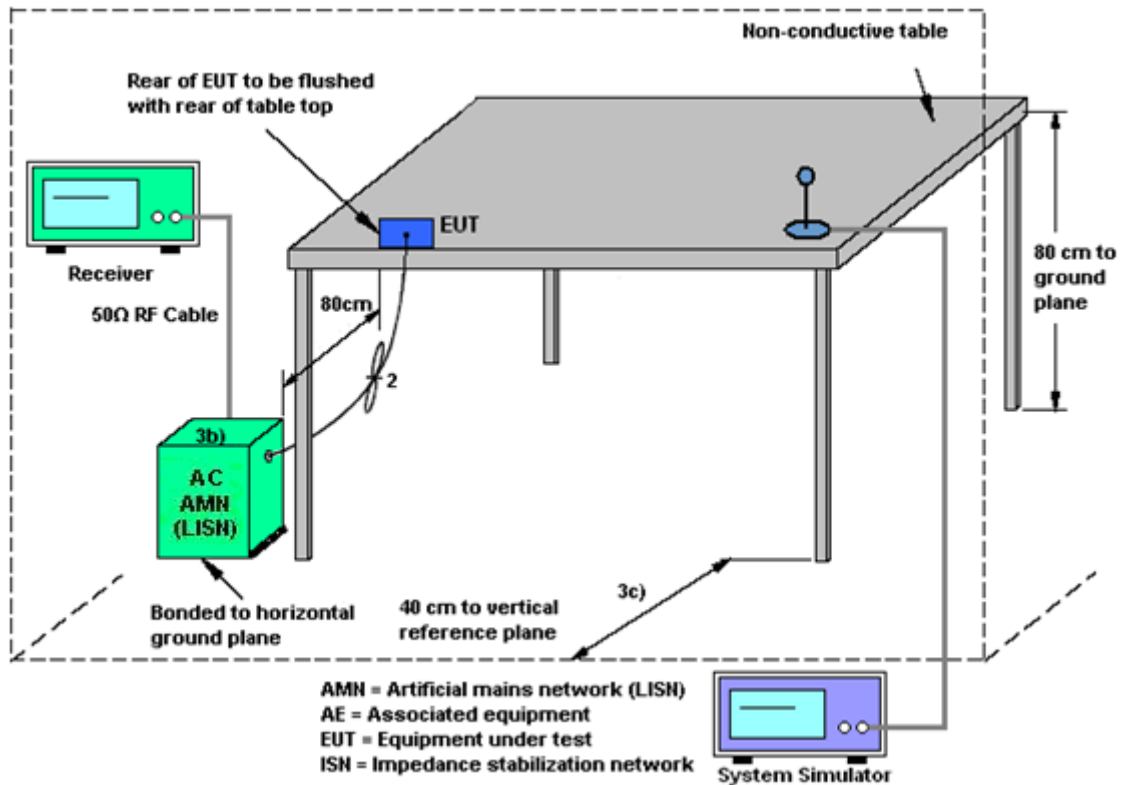
3.5.2 Measuring Instruments

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	100488	9 kHz~30 MHz	Jan. 09, 2020	Sep. 11, 2020~ Sep. 16, 2020	Jan. 08, 2021	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&0 0802N1D01N- 06	47020&06	30MHz to 1GHz	Oct. 12, 2019	Sep. 11, 2020~ Sep. 16, 2020	Oct. 11, 2020	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-152 2	1G~18GHz	Sep. 19, 2019	Sep. 11, 2020~ Sep. 16, 2020	Sep. 18, 2020	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 980	18GHz~40GHz	Jan. 10, 2020	Sep. 11, 2020~ Sep. 16, 2020	Jan. 09, 2021	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Oct. 01, 2019	Sep. 11, 2020~ Sep. 16, 2020	Sep. 30, 2020	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	171000180 0054001	1GHz~18GHz	Sep. 04, 2020	Sep. 11, 2020~ Sep. 16, 2020	Sep. 03, 2021	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY532702 64	1GHz~26.5GHz	Dec. 11, 2019	Sep. 11, 2020~ Sep. 16, 2020	Dec. 10, 2020	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~40GHz	Dec. 13, 2019	Sep. 11, 2020~ Sep. 16, 2020	Dec. 12, 2020	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY572901 11	3Hz~26.5GHz	Dec. 05, 2019	Sep. 11, 2020~ Sep. 16, 2020	Dec. 04, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/ 4PE	NA	Aug. 29, 2020	Sep. 11, 2020~ Sep. 16, 2020	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/ 4PE	NA	Aug. 29, 2020	Sep. 11, 2020~ Sep. 16, 2020	Aug. 28, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300 -5757	NA	Aug. 29, 2020	Sep. 11, 2020~ Sep. 16, 2020	Aug. 28, 2021	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Sep. 11, 2020~ Sep. 16, 2020	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 11, 2020~ Sep. 16, 2020	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 11, 2020~ Sep. 16, 2020	N/A	Radiation (03CH16-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Oct. 05, 2020~ Oct. 07, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	Oct. 05, 2020~ Oct. 07, 2020	Nov. 14, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	Oct. 05, 2020~ Oct. 07, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Oct. 05, 2020~ Oct. 07, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	Oct. 05, 2020~ Oct. 07, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	Oct. 05, 2020~ Oct. 07, 2020	Jan. 01, 2021	Conduction (CO05-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 02, 2020	Sep. 01, 2020~ Sep. 29, 2020	Mar. 01, 2021	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054S NO10	10MHz~6GHz	Dec. 23, 2019	Sep. 01, 2020~ Sep. 29, 2020	Dec. 22, 2020	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Nov. 15, 2019	Sep. 01, 2020~ Sep. 29, 2020	Nov. 14, 2020	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Dec. 30, 2019	Sep. 01, 2020~ Sep. 29, 2020	Dec. 29, 2020	Conducted (TH05-HY)
Switch Box & RF Cable	EM Electronics	EMSW18SE	SW200302	N/A	Mar. 17, 2020	Sep. 01, 2020~ Sep. 29, 2020	Mar. 16, 2021	Conducted (TH05-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% ($U = 2Uc(y)$)	4.5
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Jun Yu / Eason Huang	Temperature:	21~25	°C
Test Date:	2020/09/01~2020/09/29	Relative Humidity:	51~54	%

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	18.38	-	42.06	-	-	-	22.64	-	
11a	6Mbps	1	44	5220	18.68	-	42.46	-	-	-	22.71	-	
11a	6Mbps	1	48	5240	18.93	-	43.71	-	-	-	22.77	-	
HT20	MCS0	1	36	5180	19.03	-	44.76	-	-	-	22.79	-	
HT20	MCS0	1	44	5220	19.13	-	44.91	-	-	-	22.82	-	
HT20	MCS0	1	48	5240	19.13	-	45.95	-	-	-	22.82	-	
HT40	MCS0	1	38	5190	36.76	-	47.02	-	-	-	23.01	-	
HT40	MCS0	1	46	5230	38.06	-	79.53	-	-	-	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	14.00	-	24.00	-	1.27	-	Pass
11a	6Mbps	1	44	5220	14.30	-	24.00	-	1.27	-	Pass
11a	6Mbps	1	48	5240	14.30	-	24.00	-	1.27	-	Pass
HT20	MCS0	1	36	5180	14.30	-	24.00	-	1.27	-	Pass
HT20	MCS0	1	44	5220	14.20	-	24.00	-	1.27	-	Pass
HT20	MCS0	1	48	5240	14.20	-	24.00	-	1.27	-	Pass
HT40	MCS0	1	38	5190	9.80	-	24.00	-	1.27	-	Pass
HT40	MCS0	1	46	5230	14.20	-	24.00	-	1.27	-	Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I single antenna											
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)		Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	3.12	-	11.00	-	1.27	-	Pass
11a	6Mbps	1	44	5220	3.48	-	11.00	-	1.27	-	Pass
11a	6Mbps	1	48	5240	3.25	-	11.00	-	1.27	-	Pass
HT20	MCS0	1	36	5180	2.69	-	11.00	-	1.27	-	Pass
HT20	MCS0	1	44	5220	2.34	-	11.00	-	1.27	-	Pass
HT20	MCS0	1	48	5240	2.67	-	11.00	-	1.27	-	Pass
HT40	MCS0	1	38	5190	-3.89	-	11.00	-	1.27	-	Pass
HT40	MCS0	1	46	5230	-0.28	-	11.00	-	1.27	-	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	19.03	-	43.61	-	23.79	-	29.79	-	23.98	-	
11a	6Mbps	1	60	5300	19.03	-	43.21	-	23.79	-	29.79	-	23.98	-	
11a	6Mbps	1	64	5320	17.73	-	40.96	-	23.49	-	29.49	-	23.98	-	
HT20	MCS0	1	52	5260	19.43	-	46.50	-	23.88	-	29.88	-	23.98	-	
HT20	MCS0	1	60	5300	19.13	-	45.16	-	23.82	-	29.82	-	23.98	-	
HT20	MCS0	1	64	5320	18.53	-	40.21	-	23.68	-	29.68	-	23.98	-	
HT40	MCS0	1	54	5270	38.86	-	82.09	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.76	-	46.12	-	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	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	14.30	-	23.98	-	1.27	-	26.99	Pass
11a	6Mbps	1	60	5300	14.30	-	23.98	-	1.27	-	26.99	Pass
11a	6Mbps	1	64	5320	13.00	-	23.98	-	1.27	-	26.99	Pass
HT20	MCS0	1	52	5260	14.20	-	23.98	-	1.27	-	26.99	Pass
HT20	MCS0	1	60	5300	14.20	-	23.98	-	1.27	-	26.99	Pass
HT20	MCS0	1	64	5320	12.80	-	23.98	-	1.27	-	26.99	Pass
HT40	MCS0	1	54	5270	14.10	-	23.98	-	1.27	-	26.99	Pass
HT40	MCS0	1	62	5310	8.10	-	23.98	-	1.27	-	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	3.12	-	11.00	-	1.27	-	Pass
11a	6Mbps	1	60	5300	2.82	-	11.00	-	1.27	-	Pass
11a	6Mbps	1	64	5320	2.02	-	11.00	-	1.27	-	Pass
HT20	MCS0	1	52	5260	2.51	-	11.00	-	1.27	-	Pass
HT20	MCS0	1	60	5300	2.58	-	11.00	-	1.27	-	Pass
HT20	MCS0	1	64	5320	1.42	-	11.00	-	1.27	-	Pass
HT40	MCS0	1	54	5270	0.04	-	11.00	-	1.27	-	Pass
HT40	MCS0	1	62	5310	-5.69	-	11.00	-	1.27	-	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	17.88	-	41.86	-	23.52	-	29.52	-	23.98	-	----	----
11a	6Mbps	1	116	5580	23.43	-	46.05	-	23.98	-	30.00	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.93	-	40.51	-	23.54	-	29.54	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.53	-	43.96	-	23.68	-	29.68	-	23.98	-	----	----
HT20	MCS0	1	116	5580	23.18	-	48.02	-	23.98	-	30.00	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.43	-	39.16	-	23.66	-	29.66	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.66	-	46.48	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	40.46	-	83.72	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	37.96	-	82.63	-	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	17.49	-	27.78	-	23.43	-	29.43	-	23.98	-	3.192	-
HT20	MCS0	1	144	5720	17.79	-	30.17	-	23.50	-	29.50	-	23.98	-	3.791	-
HT40	MCS0	1	142	5710	39.78	-	63.65	-	23.98	-	30.00	-	23.98	-	2.623	-

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	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	13.10	-	23.98	-	1.05	-	26.99	Pass
11a	6Mbps	1	116	5580	14.40	-	23.98	-	1.05	-	26.99	Pass
11a	6Mbps	1	140	5700	11.60	-	23.98	-	1.05	-	26.99	Pass
HT20	MCS0	1	100	5500	12.80	-	23.98	-	1.05	-	26.99	Pass
HT20	MCS0	1	116	5580	14.30	-	23.98	-	1.05	-	26.99	Pass
HT20	MCS0	1	140	5700	11.10	-	23.98	-	1.05	-	26.99	Pass
HT40	MCS0	1	102	5510	9.00	-	23.98	-	1.05	-	26.99	Pass
HT40	MCS0	1	110	5550	14.30	-	23.98	-	1.05	-	26.99	Pass
HT40	MCS0	1	134	5670	12.00	-	23.98	-	1.05	-	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	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	14.40	-	23.98	-	1.05	-	26.99	Pass
HT20	MCS0	1	144	5720	14.20	-	23.98	-	1.05	-	26.99	Pass
HT40	MCS0	1	142	5710	14.30	-	23.98	-	1.05	-	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	100	5500	1.74	-	11.00	-	1.05	-	Pass
11a	6Mbps	1	116	5580	3.78	-	11.00	-	1.05	-	Pass
11a	6Mbps	1	140	5700	0.20	-	11.00	-	1.05	-	Pass
HT20	MCS0	1	100	5500	1.13	-	11.00	-	1.05	-	Pass
HT20	MCS0	1	116	5580	3.08	-	11.00	-	1.05	-	Pass
HT20	MCS0	1	140	5700	-1.04	-	11.00	-	1.05	-	Pass
HT40	MCS0	1	102	5510	-5.77	-	11.00	-	1.05	-	Pass
HT40	MCS0	1	110	5550	-0.03	-	11.00	-	1.05	-	Pass
HT40	MCS0	1	134	5670	-2.38	-	11.00	-	1.05	-	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	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	144	5720	2.32	-	11.00	-	1.05	-	Pass
HT20	MCS0	1	144	5720	2.17	-	11.00	-	1.05	-	Pass
HT40	MCS0	1	142	5710	-0.47	-	11.00	-	1.05	-	Pass



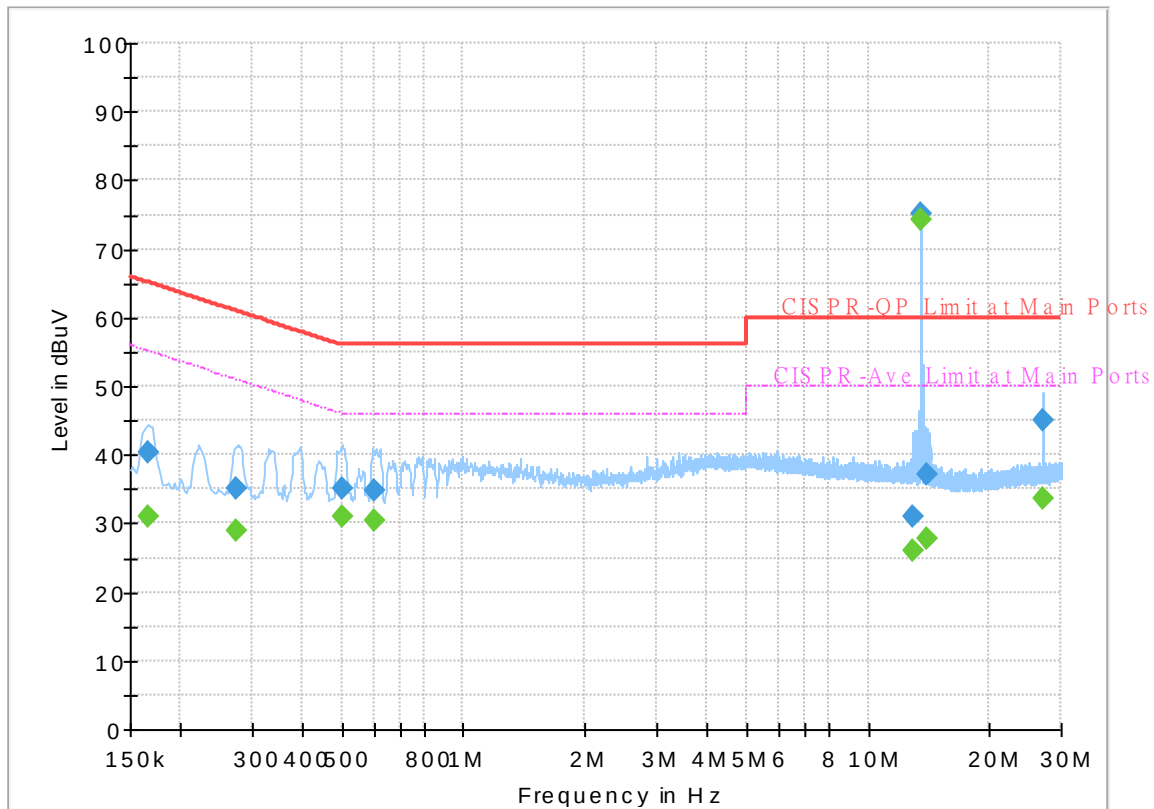
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Tom Lee and Howard Huang	Temperature :	24~26℃
		Relative Humidity :	36~38%

Original

Report NO : 052211-07
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum

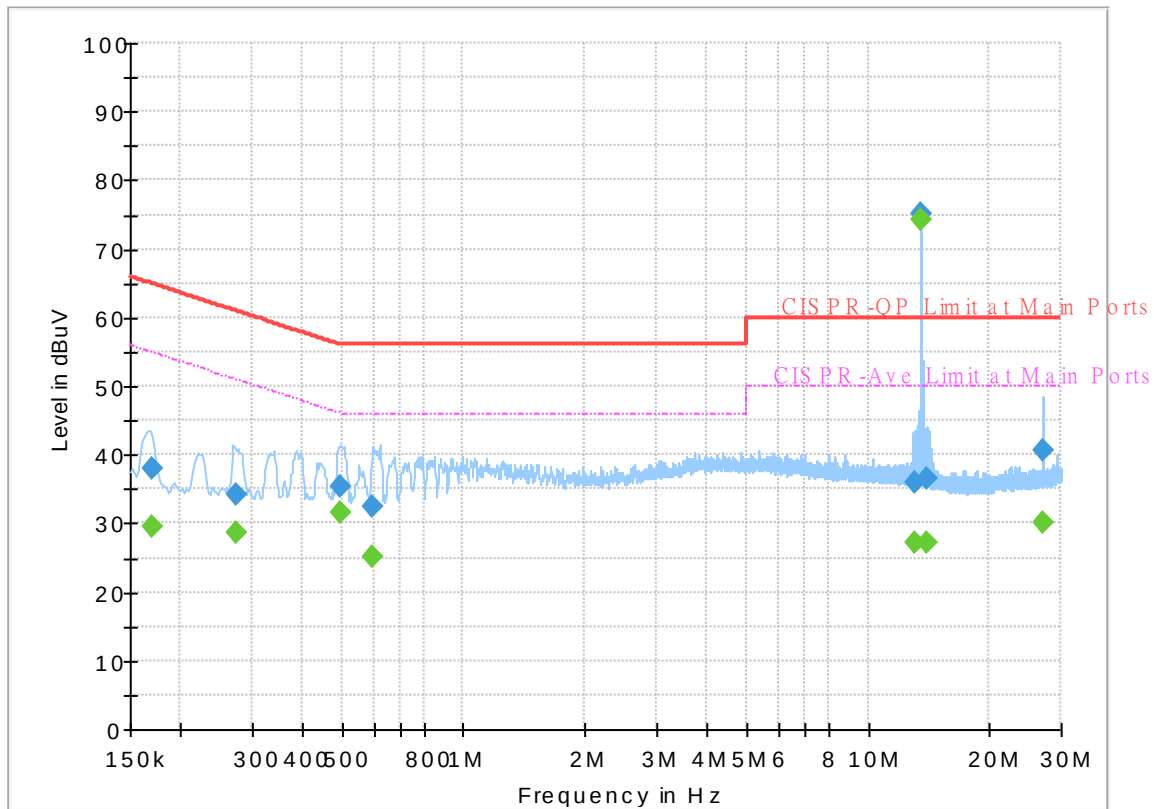


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	30.93	55.17	24.24	L1	OFF	19.6
0.165750	40.26	---	65.17	24.91	L1	OFF	19.6
0.274200	---	28.96	50.99	22.03	L1	OFF	19.6
0.274200	34.96	---	60.99	26.03	L1	OFF	19.6
0.504150	---	31.05	46.00	14.95	L1	OFF	19.6
0.504150	35.18	---	56.00	20.82	L1	OFF	19.6
0.604500	---	30.45	46.00	15.55	L1	OFF	19.6
0.604500	34.81	---	56.00	21.19	L1	OFF	19.6
12.942780	---	25.93	50.00	24.07	L1	OFF	20.2
12.942780	31.05	---	60.00	28.95	L1	OFF	20.2
13.560000	---	74.29	50.00	-24.29	L1	OFF	20.2
13.560000	75.17	---	60.00	-15.17	L1	OFF	20.2
14.057790	---	27.67	50.00	22.33	L1	OFF	20.2
14.057790	37.17	---	60.00	22.83	L1	OFF	20.2
27.120000	---	33.65	50.00	16.35	L1	OFF	20.6
27.120000	44.90	---	60.00	15.10	L1	OFF	20.6

Report NO : 052211-07
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



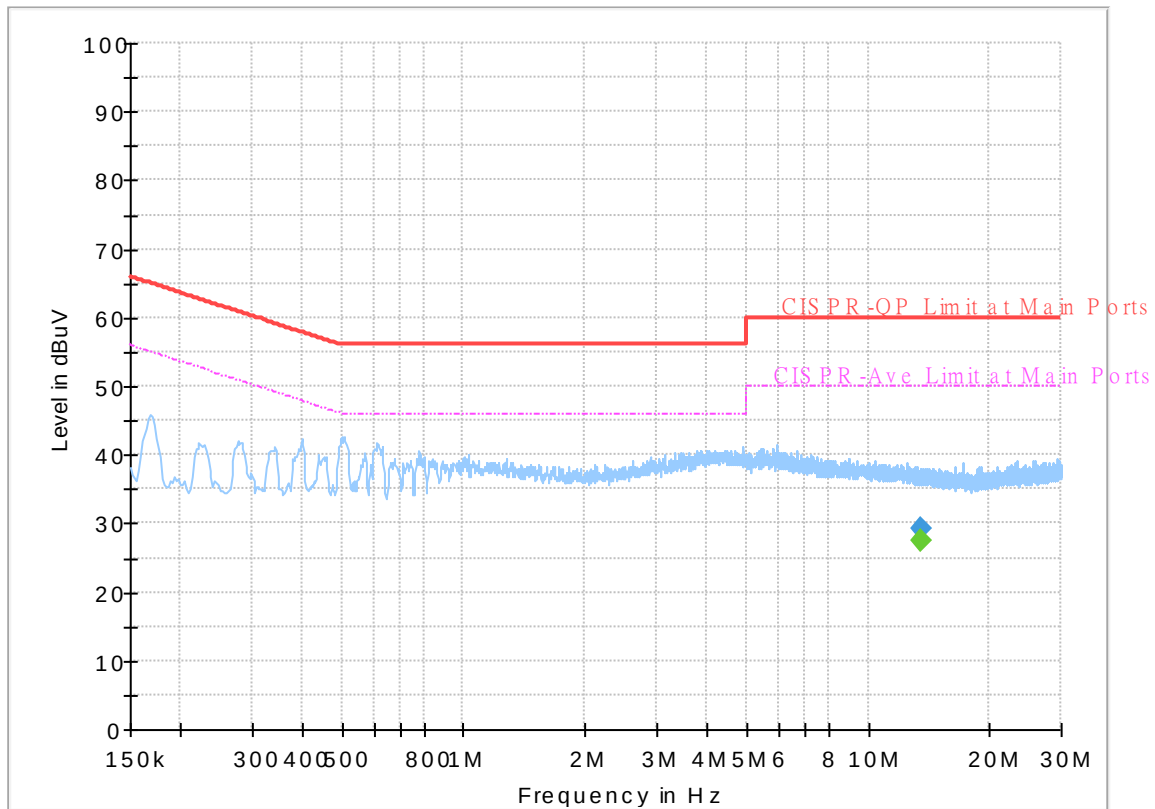
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.169350	---	29.58	54.99	25.41	N	OFF	19.5
0.169350	38.16	---	64.99	26.83	N	OFF	19.5
0.273750	---	28.68	51.00	22.32	N	OFF	19.5
0.273750	34.24	---	61.00	26.76	N	OFF	19.5
0.496140	---	31.64	46.06	14.42	N	OFF	19.5
0.496140	35.30	---	56.06	20.76	N	OFF	19.5
0.596040	---	25.02	46.00	20.98	N	OFF	19.5
0.596040	32.50	---	56.00	23.50	N	OFF	19.5
13.067250	---	27.33	50.00	22.67	N	OFF	19.9
13.067250	35.90	---	60.00	24.10	N	OFF	19.9
13.560000	---	74.16	50.00	-24.16	N	OFF	19.9
13.560000	75.04	---	60.00	-15.04	N	OFF	19.9
14.056980	---	27.23	50.00	22.77	N	OFF	19.9
14.056980	36.52	---	60.00	23.48	N	OFF	19.9
27.120000	---	30.15	50.00	19.85	N	OFF	20.0
27.120000	40.65	---	60.00	19.35	N	OFF	20.0

Terminal

Report NO : 052211-07
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum

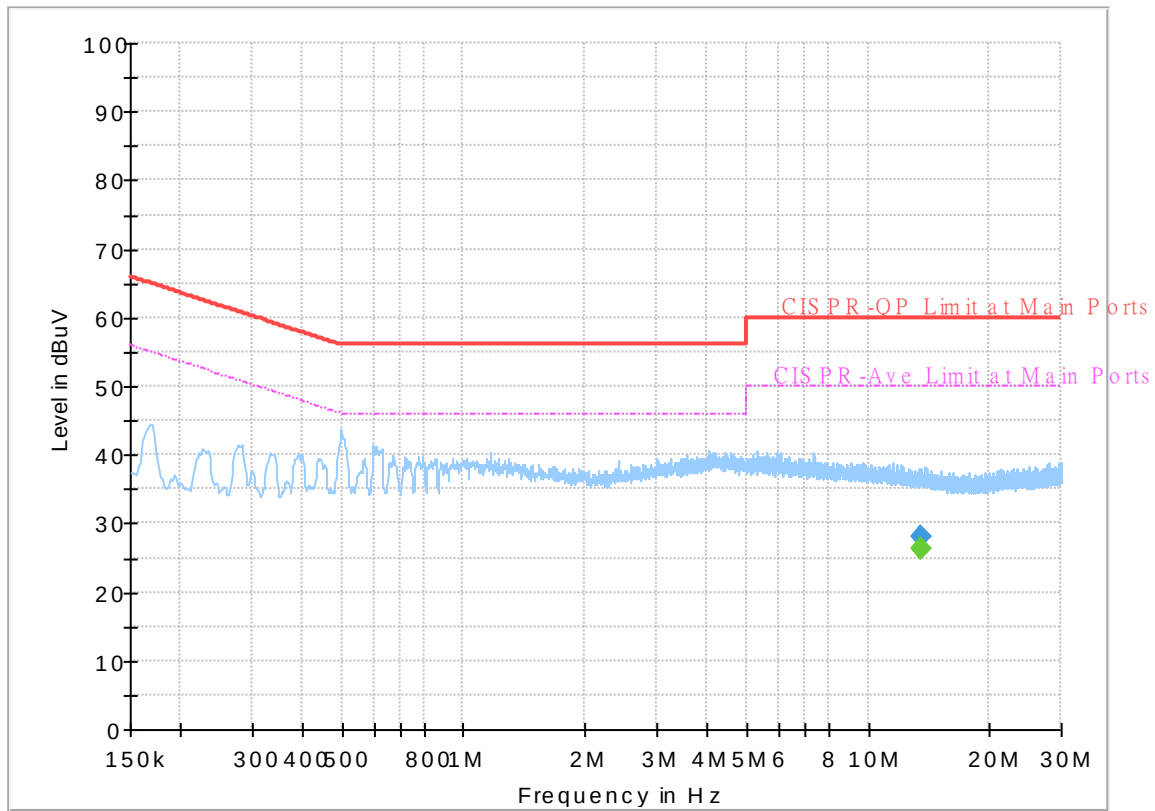


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	29.25	---	60.00	30.75	L1	OFF	20.2
13.560000	---	27.44	50.00	22.56	L1	OFF	20.2

Report NO : 052211-07
 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)
13.560000	---	26.33	50.00	23.67	N	OFF	19.9
13.560000	28.03	---	60.00	31.97	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Andy Yang, Karl Hou and CR Liao	Temperature :	20~25°C
		Relative Humidity :	50~65%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.72	63.95	-10.05	74	48.05	31.7	13.05	28.85	100	204	P	H
		5149.76	50.81	-3.19	54	34.91	31.7	13.05	28.85	100	204	A	H
	*	5180	106	-	-	90.2	31.58	13.09	28.87	100	204	P	H
	*	5180	98.2	-	-	82.4	31.58	13.09	28.87	100	204	A	H
													H
		5149.24	60.28	-13.72	74	44.38	31.7	13.05	28.85	100	276	P	V
		5150	47.7	-6.3	54	31.8	31.7	13.05	28.85	100	276	A	V
	*	5180	103.1	-	-	87.3	31.58	13.09	28.87	100	276	P	V
	*	5180	95.07	-	-	79.27	31.58	13.09	28.87	100	276	A	V
													V
802.11a CH 44 5220MHz		5132.6	55.2	-18.8	74	39.28	31.73	13.03	28.84	100	207	P	H
		5092.82	43.98	-10.02	54	28.02	31.79	12.98	28.81	100	207	A	H
	*	5220	107.33	-	-	91.66	31.42	13.15	28.9	100	207	P	H
	*	5220	98.87	-	-	83.2	31.42	13.15	28.9	100	207	A	H
		5381.6	53.88	-20.12	74	38.11	31.33	13.44	29	100	207	P	H
		5418	43.63	-10.37	54	27.7	31.47	13.49	29.03	100	207	A	H
		5150.02	55.32	-94.68	150	39.42	31.7	13.05	28.85	101	277	P	V
		5065.78	43.83	-10.17	54	27.95	31.73	12.94	28.79	101	277	A	V
	*	5220	103.11	-	-	87.44	31.42	13.15	28.9	101	277	P	V
	*	5220	95.06	-	-	79.39	31.42	13.15	28.9	101	277	A	V
		5401.48	53.9	-20.1	74	38.03	31.41	13.47	29.01	101	277	P	V
		5451.32	43.54	-10.46	54	27.48	31.6	13.51	29.05	101	277	A	V



802.11a CH 48 5240MHz		5104.26	54.69	-19.31	74	38.73	31.79	12.99	28.82	102	207	P	H
		5117	43.95	-10.05	54	28	31.77	13.01	28.83	102	207	A	H
	*	5240	107.52	-	-	91.9	31.36	13.17	28.91	102	207	P	H
	*	5240	99.23	-	-	83.61	31.36	13.17	28.91	102	207	A	H
		5450.2	53.68	-20.32	74	37.62	31.6	13.51	29.05	102	207	P	H
		5430.32	43.84	-10.16	54	27.85	31.52	13.5	29.03	102	207	A	H
		5144.82	54.64	-19.36	74	38.74	31.71	13.04	28.85	100	272	P	V
		5124.54	44.05	-9.95	54	28.11	31.75	13.02	28.83	100	272	A	V
	*	5240	104.01	-	-	88.4	31.34	13.18	28.91	100	272	P	V
	*	5240	94.97	-	-	79.36	31.34	13.18	28.91	100	272	A	V
		5457.48	54.1	-19.9	74	38.02	31.61	13.52	29.05	100	272	P	V
		5446.84	43.36	-10.64	54	27.3	31.59	13.51	29.04	100	272	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.05	-20.15	68.2	50.42	39.64	19.39	61.4	100	0	P	H
		15540	46.52	-27.48	74	46.07	37.94	23.22	60.71	100	0	P	H
													H
													H
		10360	47.64	-20.56	68.2	50.01	39.64	19.39	61.4	100	0	P	V
		15540	46.84	-27.16	74	46.39	37.94	23.22	60.71	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	47.74	-20.46	68.2	49.95	39.88	19.43	61.52	100	0	P	H
		15660	45.62	-28.38	74	45.57	37.46	23.32	60.73	100	0	P	H
													H
													H
		10440	47.87	-20.33	68.2	50.08	39.88	19.43	61.52	100	0	P	V
		15660	45.7	-28.3	74	45.65	37.46	23.32	60.73	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	48.47	-19.73	68.2	50.63	39.96	19.45	61.57	100	0	P	H
		15720	45.52	-28.48	74	45.61	37.3	23.35	60.74	100	0	P	H
													H
													H
		10480	48.16	-20.04	68.2	50.32	39.96	19.45	61.57	100	0	P	V
		15720	45.77	-28.23	74	45.86	37.3	23.35	60.74	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		5147.16	62.77	-11.23	74	46.87	31.71	13.04	28.85	100	207	P	H
		5149.76	50.75	-3.25	54	34.85	31.7	13.05	28.85	100	207	A	H
	*	5180	106.36	-	-	90.56	31.58	13.09	28.87	100	207	P	H
	*	5180	98.11	-	-	82.31	31.58	13.09	28.87	100	207	A	H
													H
													H
		5144.82	57.82	-16.18	74	41.92	31.71	13.04	28.85	100	278	P	V
		5150	48.22	-5.78	54	32.32	31.7	13.05	28.85	100	278	A	V
	*	5180	103.3	-	-	87.5	31.58	13.09	28.87	100	278	P	V
	*	5180	94.79	-	-	78.99	31.58	13.09	28.87	100	278	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5102.96	55.21	-18.79	74	39.25	31.79	12.99	28.82	100	207	P	H
		5117.52	44.1	-9.9	54	28.16	31.76	13.01	28.83	100	207	A	H
	*	5220	106.19	-	-	90.52	31.42	13.15	28.9	100	207	P	H
	*	5220	98.32	-	-	82.65	31.42	13.15	28.9	100	207	A	H
		5416.6	54.99	-19.01	74	39.06	31.47	13.48	29.02	100	207	P	H
		5456.92	43.61	-10.39	54	27.53	31.61	13.52	29.05	100	207	A	H
		5025.74	54.57	-19.43	74	38.85	31.6	12.89	28.77	100	271	P	V
		5090.48	43.86	-10.14	54	27.92	31.78	12.97	28.81	100	271	A	V
	*	5220	102.42	-	-	86.75	31.42	13.15	28.9	100	271	P	V
	*	5220	94.28	-	-	78.61	31.42	13.15	28.9	100	271	A	V
		5368.72	54.3	-19.7	74	38.61	31.27	13.41	28.99	100	271	P	V
		5419.4	43.38	-10.62	54	27.44	31.48	13.49	29.03	100	271	A	V



802.11n HT20 CH 48 5240MHz		5070.72	54.6	-19.4	74	38.71	31.74	12.95	28.8	100	208	P	H
		5072.28	43.9	-10.1	54	28.01	31.74	12.95	28.8	100	208	A	H
	*	5240	107.11	-	-	91.5	31.34	13.18	28.91	100	208	P	H
	*	5240	98.55	-	-	82.94	31.34	13.18	28.91	100	208	A	H
		5404.56	54.19	-19.81	74	38.32	31.42	13.47	29.02	100	208	P	H
		5426.12	43.83	-10.17	54	27.87	31.5	13.49	29.03	100	208	A	H
		5133.9	54.92	-19.08	74	39	31.73	13.03	28.84	100	278	P	V
		5105.04	43.92	-10.08	54	27.96	31.79	12.99	28.82	100	278	A	V
	*	5240	103.62	-	-	88.01	31.34	13.18	28.91	100	278	P	V
	*	5240	94.46	-	-	78.85	31.34	13.18	28.91	100	278	A	V
		5414.92	53.64	-20.36	74	37.72	31.46	13.48	29.02	100	278	P	V
		5426.96	43.64	-10.36	54	27.67	31.51	13.49	29.03	100	278	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	49.23	-18.97	68.2	51.6	39.64	19.39	61.4	100	0	P	H
		15540	46.57	-27.43	74	46.12	37.94	23.22	60.71	100	0	P	H
													H
													H
		10360	47.69	-20.51	68.2	50.06	39.64	19.39	61.4	100	0	P	V
		15540	46.41	-27.59	74	45.96	37.94	23.22	60.71	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	48.1	-20.1	68.2	50.31	39.88	19.43	61.52	100	0	P	H
		15660	44.84	-29.16	74	44.79	37.46	23.32	60.73	100	0	P	H
													H
													H
		10440	47.78	-20.42	68.2	49.99	39.88	19.43	61.52	100	0	P	V
		15660	45.78	-28.22	74	45.73	37.46	23.32	60.73	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	48.76	-19.44	68.2	50.92	39.96	19.45	61.57	100	0	P	H
		15720	45.58	-28.42	74	45.67	37.3	23.35	60.74	100	0	P	H
													H
													H
		10480	48.23	-19.97	68.2	50.39	39.96	19.45	61.57	100	0	P	V
		15720	45.54	-28.46	74	45.63	37.3	23.35	60.74	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		5148.72	60.9	-13.1	74	45	31.7	13.05	28.85	100	209	P	H
		5150	50.69	-3.31	54	34.79	31.7	13.05	28.85	100	209	A	H
	*	5190	98.4	-	-	82.64	31.54	13.1	28.88	100	209	P	H
	*	5190	91.23	-	-	75.47	31.54	13.1	28.88	100	209	A	H
		5418	53.59	-20.41	74	37.66	31.47	13.49	29.03	100	209	P	H
		5427.52	44.92	-9.08	54	28.95	31.51	13.49	29.03	100	209	A	H
		5147.68	55.48	-18.52	74	39.59	31.7	13.04	28.85	104	273	P	V
		5149.24	47.67	-6.33	54	31.77	31.7	13.05	28.85	104	273	A	V
	*	5190	95.37	-	-	79.61	31.54	13.1	28.88	104	273	P	V
	*	5190	87.69	-	-	71.93	31.54	13.1	28.88	104	273	A	V
		5417.16	52.72	-21.28	74	36.8	31.47	13.48	29.03	104	273	P	V
		5459.16	44.53	-9.47	54	28.44	31.62	13.52	29.05	104	273	A	V
802.11n HT40 CH 46 5230MHz		5126.1	55.41	-18.59	74	39.47	31.75	13.02	28.83	100	208	P	H
		5147.94	45.86	-8.14	54	29.97	31.7	13.04	28.85	100	208	A	H
	*	5230	104.64	-	-	89	31.38	13.16	28.9	100	208	P	H
	*	5230	96.28	-	-	80.64	31.38	13.16	28.9	100	208	A	H
		5426.12	54.3	-19.7	74	38.34	31.5	13.49	29.03	100	208	P	H
		5407.64	44.86	-9.14	54	28.97	31.43	13.48	29.02	100	208	A	H
		5107.12	55.12	-18.88	74	39.16	31.79	12.99	28.82	101	278	P	V
		5149.24	45.48	-8.52	54	29.58	31.7	13.05	28.85	101	278	A	V
	*	5230	100.2	-	-	84.56	31.38	13.16	28.9	101	278	P	V
	*	5230	92.43	-	-	76.79	31.38	13.16	28.9	101	278	A	V
		5383.84	54.84	-19.16	74	39.06	31.34	13.44	29	101	278	P	V
		5458.04	44.48	-9.52	54	28.39	31.62	13.52	29.05	101	278	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz

WIFI 802.11a (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 52 5260MHz		5021.76	53.95	-20.05	74	38.23	31.59	12.89	28.76	100	208	P	H
		5114.92	43.99	-10.01	54	28.05	31.77	13	28.83	100	208	A	H
	*	5260	107.68	-	-	92.08	31.3	13.22	28.92	100	208	P	H
	*	5260	99.7	-	-	84.1	31.3	13.22	28.92	100	208	A	H
		5350.32	54.16	-19.84	74	38.56	31.2	13.38	28.98	100	208	P	H
		5459.52	44.01	-9.99	54	27.92	31.62	13.52	29.05	100	208	A	H
		5139.06	54.57	-19.43	74	38.66	31.72	13.03	28.84	100	277	P	V
		5131.92	43.85	-10.15	54	27.93	31.74	13.02	28.84	100	277	A	V
	*	5260	103.52	-	-	87.92	31.3	13.22	28.92	100	277	P	V
	*	5260	95.26	-	-	79.66	31.3	13.22	28.92	100	277	A	V
		5409.12	55.71	-18.29	74	39.81	31.44	13.48	29.02	100	277	P	V
		5455.44	43.66	-10.34	54	27.58	31.61	13.52	29.05	100	277	A	V
802.11a CH 60 5300MHz		5103.02	54.91	-19.09	74	38.95	31.79	12.99	28.82	102	211	P	H
		5115.26	44.08	-9.92	54	28.14	31.77	13	28.83	102	211	A	H
	*	5300	108.6	-	-	92.96	31.3	13.29	28.95	102	211	P	H
	*	5300	100.25	-	-	84.61	31.3	13.29	28.95	102	211	A	H
		5352	56.94	-17.06	74	41.33	31.21	13.38	28.98	102	211	P	H
		5352.48	47.71	-6.29	54	32.1	31.21	13.38	28.98	102	211	A	H
		5131.58	54.91	-19.09	74	38.99	31.74	13.02	28.84	100	278	P	V
		5066.3	43.95	-10.05	54	28.07	31.73	12.94	28.79	100	278	A	V
	*	5300	104.43	-	-	88.79	31.3	13.29	28.95	100	278	P	V
	*	5300	95.18	-	-	79.54	31.3	13.29	28.95	100	278	A	V
		5406.72	54.72	-19.28	74	38.83	31.43	13.48	29.02	100	278	P	V
		5352.24	44.87	-9.13	54	29.26	31.21	13.38	28.98	100	278	A	V



802.11a CH 64 5320MHz	*	5320	107.53	-	-	91.9	31.26	13.33	28.96	100	208	P	H
	*	5320	102.31	-	-	86.68	31.26	13.33	28.96	100	208	A	H
		5353.12	61.53	-12.47	74	45.91	31.21	13.39	28.98	100	208	P	H
		5350.24	50.72	-3.28	54	35.12	31.2	13.38	28.98	100	208	A	H
													H
													H
	*	5320	101.55	-	-	85.92	31.26	13.33	28.96	101	274	P	V
	*	5320	93.57	-	-	77.94	31.26	13.33	28.96	101	274	A	V
		5354.88	55.99	-18.01	74	40.36	31.22	13.39	28.98	101	274	P	V
		5350.08	46.51	-7.49	54	30.91	31.2	13.38	28.98	101	274	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	47.9	-20.3	68.2	50.01	40	19.49	61.6	100	0	P	H
		15780	44.61	-29.39	74	44.67	37.3	23.4	60.76	100	0	P	H
													H
													H
		10520	47.93	-20.27	68.2	50.04	40	19.49	61.6	100	0	P	V
		15780	44.7	-29.3	74	44.76	37.3	23.4	60.76	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	48.4	-25.6	74	50.47	40	19.53	61.6	100	0	P	H
		15900	44.84	-29.16	74	45.03	37.1	23.49	60.78	100	0	P	H
													H
													H
		10600	48.34	-25.66	74	50.41	40	19.53	61.6	100	0	P	V
		15900	45.49	-28.51	74	45.68	37.1	23.49	60.78	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	48.39	-25.61	74	50.44	40	19.55	61.6	100	0	P	H
		15960	45.17	-28.83	74	45.39	37.04	23.53	60.79	100	0	P	H
													H
													H
		10640	48.4	-25.6	74	50.45	40	19.55	61.6	100	0	P	V
		15960	45.6	-28.4	74	45.82	37.04	23.53	60.79	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		5063.58	54.91	-19.09	74	39.03	31.73	12.94	28.79	100	208	P	H
		5113.9	44.01	-9.99	54	28.07	31.77	13	28.83	100	208	A	H
	*	5260	106.65	-	-	91.05	31.3	13.22	28.92	100	208	P	H
	*	5260	98.96	-	-	83.36	31.3	13.22	28.92	100	208	A	H
		5432.4	54.73	-19.27	74	38.74	31.53	13.5	29.04	100	208	P	H
		5453.04	44.05	-9.95	54	27.97	31.61	13.52	29.05	100	208	A	H
		5073.1	54.02	-19.98	74	38.12	31.75	12.95	28.8	100	276	P	V
		5097.24	43.96	-10.04	54	28	31.79	12.98	28.81	100	276	A	V
	*	5260	103.12	-	-	87.52	31.3	13.22	28.92	100	276	P	V
	*	5260	94.34	-	-	78.74	31.3	13.22	28.92	100	276	A	V
		5450.64	54.18	-19.82	74	38.12	31.6	13.51	29.05	100	276	P	V
		5458.8	43.62	-10.38	54	27.53	31.62	13.52	29.05	100	276	A	V
802.11n HT20 CH 60 5300MHz		5128.52	54.67	-19.33	74	38.74	31.74	13.02	28.83	100	209	P	H
		5086.02	44	-10	54	28.07	31.77	12.97	28.81	100	209	A	H
	*	5300	108.19	-	-	92.55	31.3	13.29	28.95	100	209	P	H
	*	5300	99.76	-	-	84.12	31.3	13.29	28.95	100	209	A	H
		5351.52	57.51	-16.49	74	41.9	31.21	13.38	28.98	100	209	P	H
		5351.76	48.5	-5.5	54	32.89	31.21	13.38	28.98	100	209	A	H
		5132.26	54.01	-19.99	74	38.08	31.74	13.03	28.84	100	273	P	V
		5121.72	44.05	-9.95	54	28.11	31.76	13.01	28.83	100	273	A	V
	*	5300	102.65	-	-	87.01	31.3	13.29	28.95	100	273	P	V
	*	5300	94.65	-	-	79.01	31.3	13.29	28.95	100	273	A	V
		5445.84	54.47	-19.53	74	38.42	31.58	13.51	29.04	100	273	P	V
		5351.52	44.98	-9.02	54	29.37	31.21	13.38	28.98	100	273	A	V



802.11n HT20 CH 64 5320MHz	*	5320	107.5	-	-	91.87	31.26	13.33	28.96	100	208	P	H
	*	5320	98.56	-	-	82.93	31.26	13.33	28.96	100	208	A	H
		5352.16	63.86	-10.14	74	48.25	31.21	13.38	28.98	100	208	P	H
		5350.08	50.83	-3.17	54	35.23	31.2	13.38	28.98	100	208	A	H
													H
													H
	*	5320	101.17	-	-	85.54	31.26	13.33	28.96	101	273	P	V
	*	5320	92.93	-	-	77.3	31.26	13.33	28.96	101	273	A	V
		5350.72	56.39	-17.61	74	40.79	31.2	13.38	28.98	101	273	P	V
		5350.72	46.51	-7.49	54	30.91	31.2	13.38	28.98	101	273	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	47.4	-20.8	68.2	49.51	40	19.49	61.6	100	0	P	H
		15780	45.61	-28.39	74	45.67	37.3	23.4	60.76	100	0	P	H
													H
													H
		10520	47.91	-20.29	68.2	50.02	40	19.49	61.6	100	0	P	V
		15780	45.44	-28.56	74	45.5	37.3	23.4	60.76	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	48.81	-25.19	74	50.88	40	19.53	61.6	100	0	P	H
		15900	44.57	-29.43	74	44.76	37.1	23.49	60.78	100	0	P	H
													H
													H
		10600	48.58	-25.42	74	50.65	40	19.53	61.6	100	0	P	V
		15900	44.71	-29.29	74	44.9	37.1	23.49	60.78	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	49.27	-24.73	74	51.32	40	19.55	61.6	100	0	P	H
		15960	45.04	-28.96	74	45.26	37.04	23.53	60.79	100	0	P	H
													H
													H
		10640	47.86	-26.14	74	49.91	40	19.55	61.6	100	0	P	V
		15960	45.89	-28.11	74	46.11	37.04	23.53	60.79	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		5079.22	54.16	-19.84	74	38.24	31.76	12.96	28.8	100	206	P	H
		5093.84	44.93	-9.07	54	28.97	31.79	12.98	28.81	100	206	A	H
	*	5270	105.38	-	-	89.77	31.3	13.24	28.93	100	206	P	H
	*	5270	97.54	-	-	81.93	31.3	13.24	28.93	100	206	A	H
		5354.16	56.35	-17.65	74	40.72	31.22	13.39	28.98	100	206	P	H
		5352.48	48.54	-5.46	54	32.93	31.21	13.38	28.98	100	206	A	H
		5137.7	54.65	-19.35	74	38.74	31.72	13.03	28.84	100	274	P	V
		5111.52	45.01	-8.99	54	29.05	31.78	13	28.82	100	274	A	V
	*	5270	100.4	-	-	84.79	31.3	13.24	28.93	100	274	P	V
	*	5270	92.82	-	-	77.21	31.3	13.24	28.93	100	274	A	V
		5394.72	54.13	-19.87	74	38.3	31.38	13.46	29.01	100	274	P	V
		5352.24	45.34	-8.66	54	29.73	31.21	13.38	28.98	100	274	A	V
802.11n HT40 CH 62 5310MHz		5093.84	54.41	-19.59	74	38.45	31.79	12.98	28.81	100	208	P	H
		5090.78	45.12	-8.88	54	29.18	31.78	12.97	28.81	100	208	A	H
	*	5310	99.6	-	-	83.96	31.28	13.31	28.95	100	208	P	H
	*	5310	91.51	-	-	75.87	31.28	13.31	28.95	100	208	A	H
		5350.56	61.48	-12.52	74	45.88	31.2	13.38	28.98	100	208	P	H
		5350.08	50.23	-3.77	54	34.63	31.2	13.38	28.98	100	208	A	H
		5116.62	55.17	-18.83	74	39.22	31.77	13.01	28.83	100	275	P	V
		5123.08	45.14	-8.86	54	29.21	31.75	13.01	28.83	100	275	A	V
	*	5310	94.12	-	-	78.48	31.28	13.31	28.95	100	275	P	V
	*	5310	86.22	-	-	70.58	31.28	13.31	28.95	100	275	A	V
		5455.44	54.48	-19.52	74	38.4	31.61	13.52	29.05	100	275	P	V
		5350.08	46.4	-7.6	54	30.8	31.2	13.38	28.98	100	275	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5458.48	59.88	-14.12	74	43.79	31.62	13.52	29.05	100	206	P	H
		5469.68	64.89	-3.31	68.2	48.78	31.64	13.53	29.06	100	206	P	H
		5447.76	48.6	-5.4	54	32.55	31.59	13.51	29.05	100	206	A	H
	*	5500	110.92	-	-	94.74	31.7	13.56	29.08	100	206	P	H
	*	5500	103.07	-	-	86.89	31.7	13.56	29.08	100	206	A	H
													H
		5459.44	56.1	-17.9	74	40.01	31.62	13.52	29.05	100	150	P	V
		5468.56	59.51	-8.69	68.2	43.4	31.64	13.53	29.06	100	150	P	V
		5447.76	46.31	-7.69	54	30.26	31.59	13.51	29.05	100	150	A	V
	*	5500	106.93	-	-	90.75	31.7	13.56	29.08	100	150	P	V
	*	5500	98.96	-	-	82.78	31.7	13.56	29.08	100	150	A	V
													V
802.11a CH 116 5580MHz		5421.04	53.8	-20.2	74	37.86	31.48	13.49	29.03	100	208	P	H
		5466.4	53.55	-14.65	68.2	37.45	31.63	13.53	29.06	100	208	P	H
		5436.88	43.75	-10.25	54	27.74	31.55	13.5	29.04	100	208	A	H
	*	5580	113.43	-	-	97.13	31.74	13.62	29.06	100	208	P	H
	*	5580	105.55	-	-	89.25	31.74	13.62	29.06	100	208	A	H
		5757.755	55.83	-12.37	68.2	39.05	32.02	13.78	29.02	100	208	P	H
		5403.76	55.5	-18.5	74	39.63	31.42	13.47	29.02	102	162	P	V
		5464.24	53.2	-15	68.2	37.11	31.63	13.52	29.06	102	162	P	V
		5447.92	43.59	-10.41	54	27.54	31.59	13.51	29.05	102	162	A	V
	*	5580	109.65	-	-	93.35	31.74	13.62	29.06	102	162	P	V
	*	5580	101.64	-	-	85.34	31.74	13.62	29.06	102	162	A	V
		5764.055	53.99	-14.21	68.2	37.19	32.03	13.79	29.02	102	162	P	V



802.11a CH 140 5700MHz	*	5700	109.1	-	-	92.6	31.8	13.73	29.03	101	211	P	H
	*	5700	101.35	-	-	84.85	31.8	13.73	29.03	101	211	A	H
		5725.24	64.75	-3.45	68.2	48.13	31.9	13.75	29.03	101	211	P	H
													H
													H
													H
	*	5700	105.72	-	-	89.22	31.8	13.73	29.03	103	163	P	V
	*	5700	97.7	-	-	81.2	31.8	13.73	29.03	103	163	A	V
		5726.28	60.07	-8.13	68.2	43.44	31.91	13.75	29.03	103	163	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	48.32	-25.68	74	49.77	40.4	19.75	61.6	100	0	P	H
		16500	49.19	-19.01	68.2	46.17	38.8	24.32	60.1	100	0	P	H
													H
													H
		11000	47.94	-26.06	74	49.39	40.4	19.75	61.6	100	0	P	V
		16500	47.95	-20.25	68.2	44.93	38.8	24.32	60.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	48.06	-25.94	74	49.68	39.98	19.87	61.47	100	0	P	H
		16740	48.84	-19.36	68.2	44.5	39.8	24.69	60.15	100	0	P	H
													H
													H
		11160	48.05	-25.95	74	49.67	39.98	19.87	61.47	100	0	P	V
		16740	48.63	-19.57	68.2	44.29	39.8	24.69	60.15	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	48.48	-25.52	74	49.62	40.1	20.04	61.28	100	0	P	H
		17100	48.73	-19.47	68.2	43.22	40.3	25.11	59.9	100	0	P	H
													H
													H
		11400	48.92	-25.08	74	50.06	40.1	20.04	61.28	100	0	P	V
		17100	49.02	-19.18	68.2	43.51	40.3	25.11	59.9	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		5459.12	61.8	-12.2	74	45.71	31.62	13.52	29.05	100	206	P	H
		5468.24	65.1	-3.1	68.2	48.99	31.64	13.53	29.06	100	206	P	H
		5448.24	49.46	-4.54	54	33.41	31.59	13.51	29.05	100	206	A	H
	*	5500	110.86	-	-	94.68	31.7	13.56	29.08	100	206	P	H
	*	5500	102.68	-	-	86.5	31.7	13.56	29.08	100	206	A	H
													H
		5459.44	54.85	-19.15	74	38.76	31.62	13.52	29.05	100	164	P	V
		5467.92	58.54	-9.66	68.2	42.43	31.64	13.53	29.06	100	164	P	V
		5448.56	46.51	-7.49	54	30.46	31.59	13.51	29.05	100	164	A	V
	*	5500	106.8	-	-	90.62	31.7	13.56	29.08	100	164	P	V
	*	5500	98.36	-	-	82.18	31.7	13.56	29.08	100	164	A	V
													V
802.11n HT20 CH 116 5580MHz		5355.76	53.99	-20.01	74	38.36	31.22	13.39	28.98	100	208	P	H
		5468.56	53.75	-14.45	68.2	37.64	31.64	13.53	29.06	100	208	P	H
		5450.32	43.75	-10.25	54	27.69	31.6	13.51	29.05	100	208	A	H
	*	5580	112.84	-	-	96.54	31.74	13.62	29.06	100	208	P	H
	*	5580	104.76	-	-	88.46	31.74	13.62	29.06	100	208	A	H
		5760.905	55.48	-12.72	68.2	38.7	32.02	13.78	29.02	100	208	P	H
		5427.04	54.06	-19.94	74	38.09	31.51	13.49	29.03	102	163	P	V
		5463.76	52.89	-15.31	68.2	36.8	31.63	13.52	29.06	102	163	P	V
		5459.44	43.74	-10.26	54	27.65	31.62	13.52	29.05	102	163	A	V
	*	5580	109.24	-	-	92.94	31.74	13.62	29.06	102	163	P	V
	*	5580	101.09	-	-	84.79	31.74	13.62	29.06	102	163	A	V
		5733.815	53.99	-14.21	68.2	37.31	31.94	13.76	29.02	102	163	P	V



802.11n HT20 CH 140 5700MHz	*	5700	108.51	-	-	92.01	31.8	13.73	29.03	100	210	P	H
	*	5700	99.98	-	-	83.48	31.8	13.73	29.03	100	210	A	H
		5725.24	65.14	-3.06	68.2	48.52	31.9	13.75	29.03	100	210	P	H
													H
													H
													H
	*	5700	104.23	-	-	87.73	31.8	13.73	29.03	102	164	P	V
	*	5700	96.36	-	-	79.86	31.8	13.73	29.03	102	164	A	V
		5725.16	59.38	-8.82	68.2	42.76	31.9	13.75	29.03	102	164	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	48.36	-25.64	74	49.81	40.4	19.75	61.6	100	0	P	H
		16500	48.49	-19.71	68.2	45.47	38.8	24.32	60.1	100	0	P	H
													H
													H
		11000	48.58	-25.42	74	50.03	40.4	19.75	61.6	100	0	P	V
		16500	48.5	-19.7	68.2	45.48	38.8	24.32	60.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	47.9	-26.1	74	49.52	39.98	19.87	61.47	100	0	P	H
		16740	49.62	-18.58	68.2	45.28	39.8	24.69	60.15	100	0	P	H
													H
													H
		11160	47.43	-26.57	74	49.05	39.98	19.87	61.47	100	0	P	V
		16740	49.64	-18.56	68.2	45.3	39.8	24.69	60.15	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	48.68	-25.32	74	49.82	40.1	20.04	61.28	100	0	P	H
		17100	49.69	-18.51	68.2	44.18	40.3	25.11	59.9	100	0	P	H
													H
													H
		11400	48.68	-25.32	74	49.82	40.1	20.04	61.28	100	0	P	V
		17100	49.16	-19.04	68.2	43.65	40.3	25.11	59.9	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		5457.28	58.18	-15.82	74	42.1	31.61	13.52	29.05	100	207	P	H
		5469.76	64.99	-3.21	68.2	48.88	31.64	13.53	29.06	100	207	P	H
		5459.68	48.29	-5.71	54	32.2	31.62	13.52	29.05	100	207	A	H
	*	5510	104.16	-	-	87.96	31.72	13.56	29.08	100	207	P	H
	*	5510	96.08	-	-	79.88	31.72	13.56	29.08	100	207	A	H
		5731.925	54.97	-13.23	68.2	38.3	31.93	13.76	29.02	100	207	P	H
		5459.44	55.17	-18.83	74	39.08	31.62	13.52	29.05	100	156	P	V
		5466.4	58.53	-9.67	68.2	42.43	31.63	13.53	29.06	100	156	P	V
		5457.28	45.8	-8.2	54	29.72	31.61	13.52	29.05	100	156	A	V
	*	5510	99.93	-	-	83.73	31.72	13.56	29.08	100	156	P	V
	*	5510	92.3	-	-	76.1	31.72	13.56	29.08	100	156	A	V
		5763.74	54.97	-13.23	68.2	38.17	32.03	13.79	29.02	100	156	P	V
802.11n HT40 CH 110 5550MHz		5458.24	58.14	-15.86	74	42.05	31.62	13.52	29.05	100	206	P	H
		5470	59.66	-8.54	68.2	43.55	31.64	13.53	29.06	100	206	P	H
		5459.92	49.2	-4.8	54	33.11	31.62	13.52	29.05	100	206	A	H
	*	5550	110.53	-	-	94.2	31.8	13.6	29.07	100	206	P	H
	*	5550	102.51	-	-	86.18	31.8	13.6	29.07	100	206	A	H
		5731.61	55.15	-13.05	68.2	38.48	31.93	13.76	29.02	100	206	P	H
		5446.48	55.24	-18.76	74	39.18	31.59	13.51	29.04	108	162	P	V
		5469.04	56.83	-11.37	68.2	40.72	31.64	13.53	29.06	108	162	P	V
		5458.48	46.66	-7.34	54	30.57	31.62	13.52	29.05	108	162	A	V
	*	5550	106.37	-	-	90.04	31.8	13.6	29.07	108	162	P	V
	*	5550	98.66	-	-	82.33	31.8	13.6	29.07	108	162	A	V
		5764.37	54.67	-13.53	68.2	37.87	32.03	13.79	29.02	108	162	P	V



802.11n HT40 CH 134 5670MHz		5418.95	54.99	-19.01	74	39.05	31.48	13.49	29.03	100	210	P	H
		5469.35	53.98	-14.22	68.2	37.87	31.64	13.53	29.06	100	210	P	H
		5430.5	44.94	-9.06	54	28.95	31.52	13.5	29.03	100	210	A	H
	*	5670	107.16	-	-	90.76	31.74	13.7	29.04	100	210	P	H
	*	5670	99.5	-	-	83.1	31.74	13.7	29.04	100	210	A	H
		5726.5	65.04	-3.16	68.2	48.41	31.91	13.75	29.03	100	210	P	H
		5457.1	53.85	-20.15	74	37.77	31.61	13.52	29.05	102	163	P	V
		5467.95	53.35	-14.85	68.2	37.24	31.64	13.53	29.06	102	163	P	V
		5449.05	44.74	-9.26	54	28.68	31.6	13.51	29.05	102	163	A	V
	*	5670	103.35	-	-	86.95	31.74	13.7	29.04	102	163	P	V
	*	5670	95.82	-	-	79.42	31.74	13.7	29.04	102	163	A	V
		5727.025	58.94	-9.26	68.2	42.31	31.91	13.75	29.03	102	163	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz	*	5720	111.92	-	-	95.32	31.88	13.75	29.03	101	209	P	H
	*	5720	103.93	-	-	87.33	31.88	13.75	29.03	101	209	A	H
													H
													H
													H
													H
	*	5720	107.72	-	-	91.12	31.88	13.75	29.03	102	163	P	V
	*	5720	100.2	-	-	83.6	31.88	13.75	29.03	102	163	A	V
													V
													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 (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	48.63	-25.37	74	49.71	40.1	20.07	61.25	100	0	P	H
		17160	48.7	-19.5	68.2	42.75	40.54	25.13	59.72	100	0	P	H
													H
													H
		11440	48.2	-25.8	74	49.28	40.1	20.07	61.25	100	0	P	V
		17160	48.81	-19.39	68.2	42.86	40.54	25.13	59.72	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 - 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	*	5710	108.97	-	-	92.42	31.84	13.74	29.03	101	207	P	H
	*	5710	101.72	-	-	85.17	31.84	13.74	29.03	101	207	A	H
													H
													H
													H
													H
	*	5710	105.78	-	-	89.23	31.84	13.74	29.03	103	163	P	V
	*	5710	97.5	-	-	80.95	31.84	13.74	29.03	103	163	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		91.11	23.21	-20.29	43.5	39.37	14.72	1.4	32.28	-	-	P	H
		188.11	24.4	-19.1	43.5	39.87	14.73	2.11	32.31	-	-	P	H
		275.41	29.83	-16.17	46	40.78	18.73	2.67	32.35	-	-	P	H
		311.3	39.89	-6.11	46	50.01	19.36	2.86	32.34	100	0	P	H
		800.18	31.99	-14.01	46	31.59	27.99	4.78	32.37	-	-	P	H
		939.86	33.54	-12.46	46	29.48	30.32	5.19	31.45	-	-	P	H
													H
													H
													H
													H
													H
													H
		91.11	25.73	-17.77	43.5	41.89	14.72	1.4	32.28	-	-	P	V
		187.14	23.65	-19.85	43.5	39.1	14.75	2.11	32.31	-	-	P	V
		276.38	26.9	-19.1	46	37.84	18.73	2.68	32.35	-	-	P	V
		308.39	35.59	-10.41	46	45.77	19.33	2.84	32.35	100	0	P	V
		722.58	30.79	-15.21	46	31.39	27.1	4.5	32.2	-	-	P	V
		945.68	33.67	-12.33	46	29.29	30.56	5.2	31.38	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission above 18GHz

WIFI 802.11n HT20 (SHF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 SHF		23610	41.81	-32.19	74	42.24	39.85	13.02	53.3	150	0	P	H
		36106	44.37	-23.83	68.2	39.79	42.64	18.39	56.45	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		27988	41.79	-26.41	68.2	40.41	39.89	15.47	53.98	150	0	P	V
		37976	46.98	-21.22	68.2	39.92	43.08	20.01	56.03	150	0	P	V
													V
													V
													V
													V
													V
													V
													V
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													V
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Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		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”.



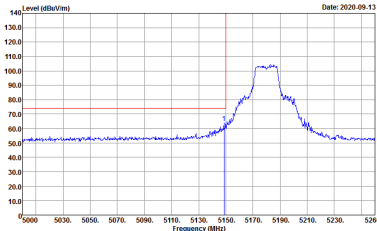
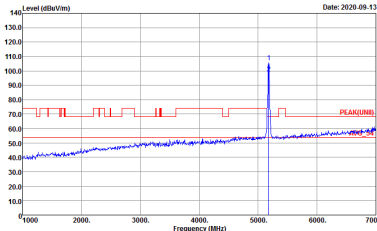
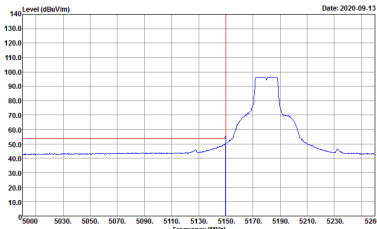
Appendix D. Radiated Spurious Emission

Test Engineer :	Andy Yang, Karl Hou and CR Liao	Temperature :	20~25°C
		Relative Humidity :	50~65%

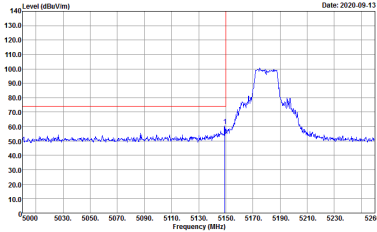
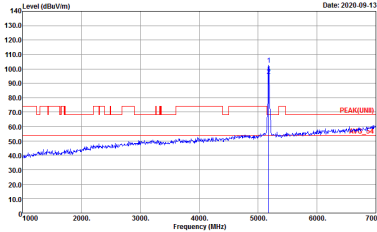
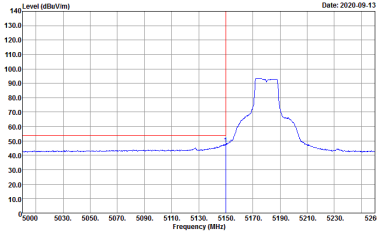
Note symbol

-L	Low channel location
-R	High channel location

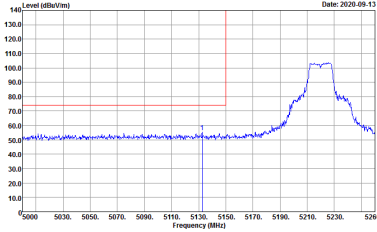
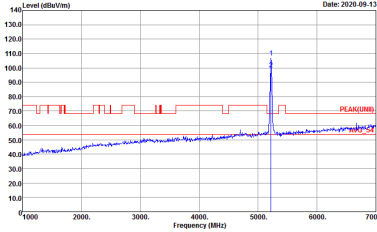
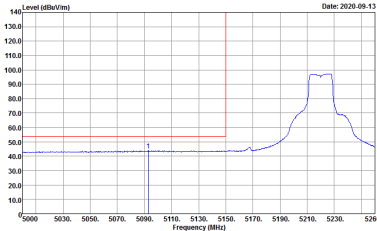
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

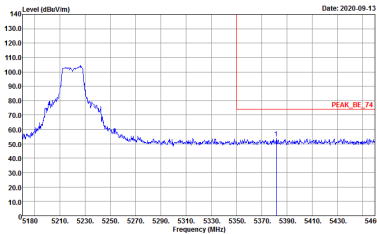
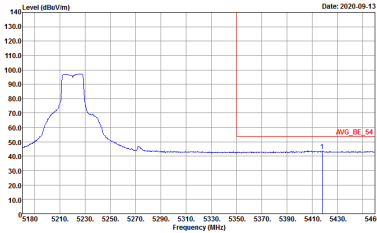


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

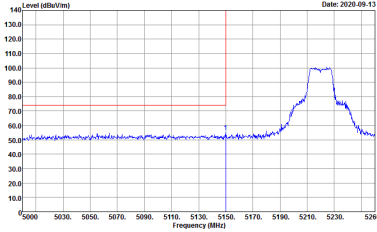
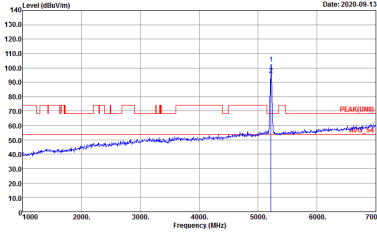
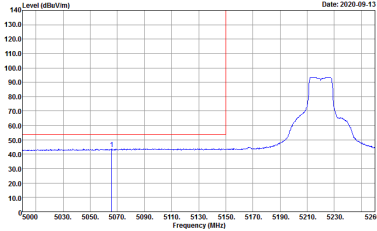


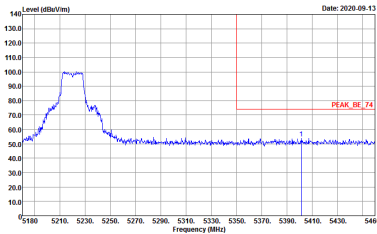
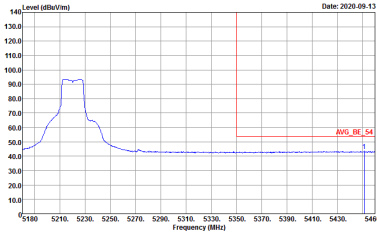
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



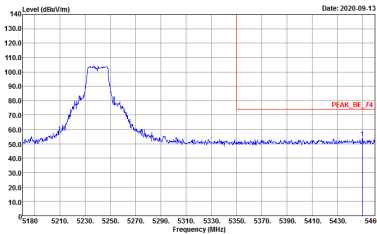
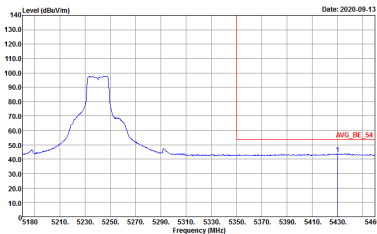
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Project : 052211-07	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

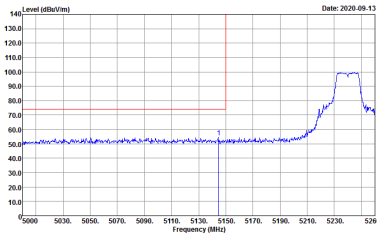
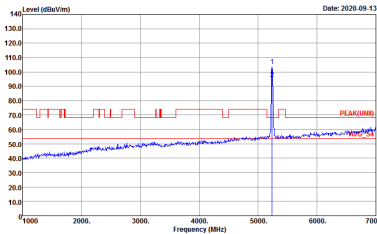
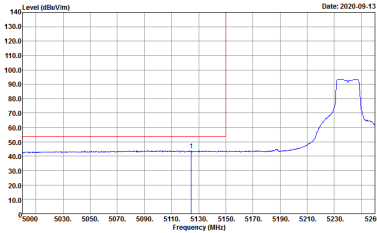


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Project : 052211-07	Left blank

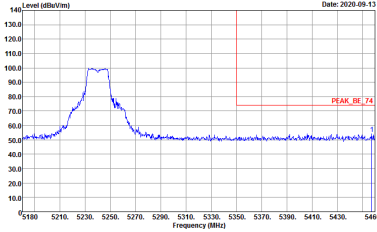
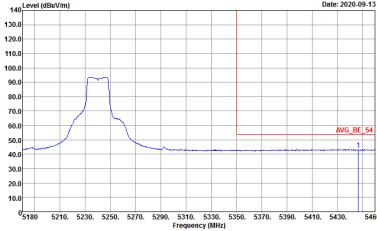


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



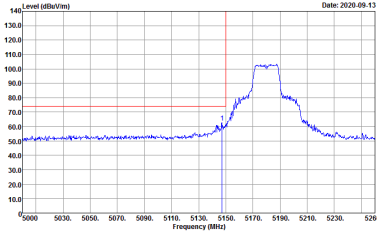
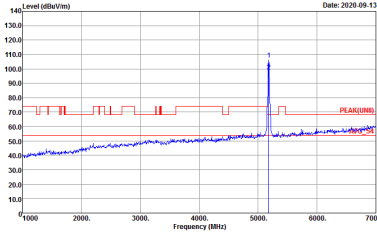
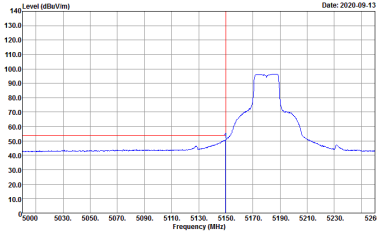
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13	Left blank



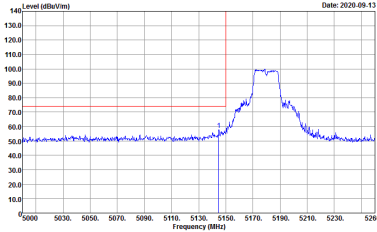
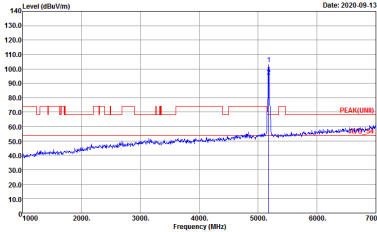
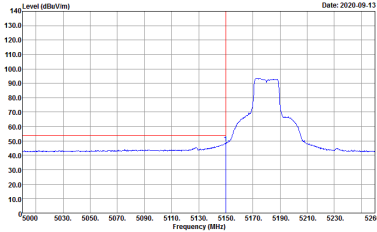
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank



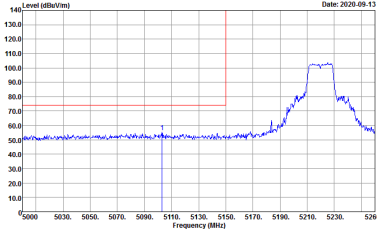
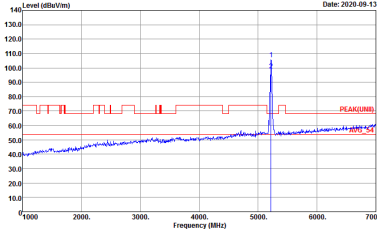
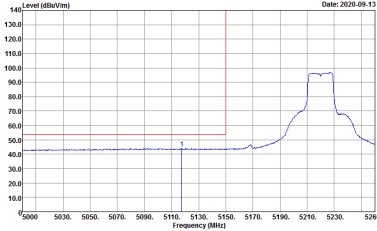
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

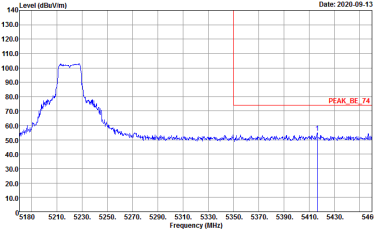
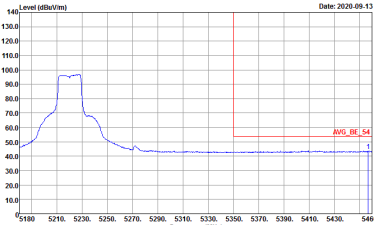


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 052211-07	Left blank

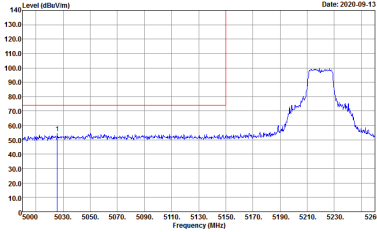
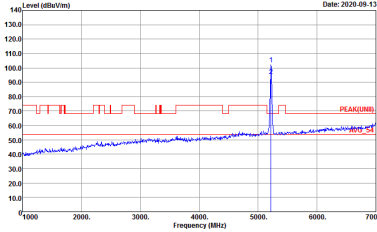
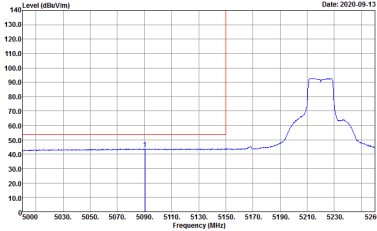


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

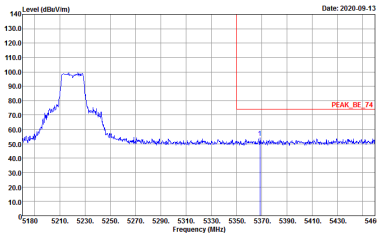
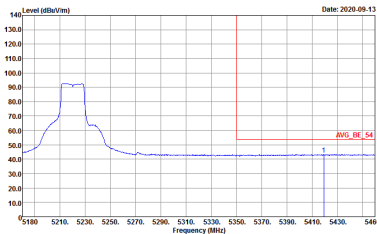


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Project : 052211-07	Left blank

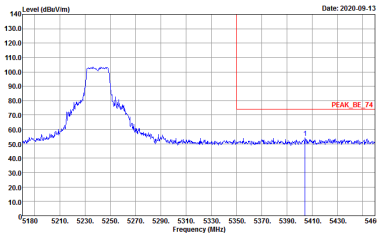
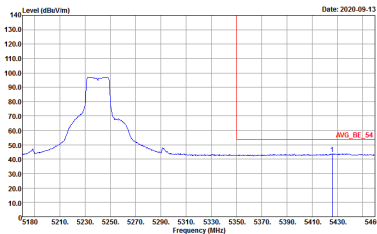


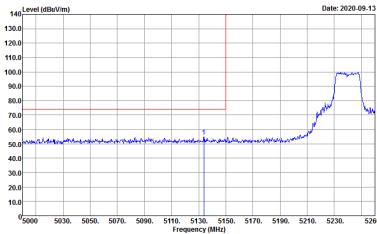
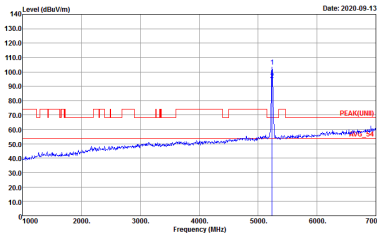
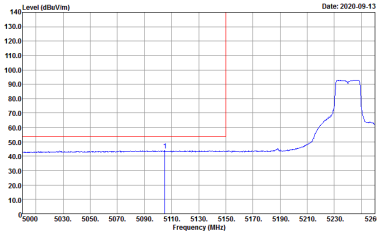
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

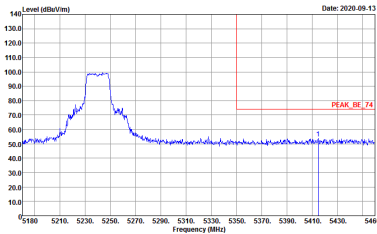
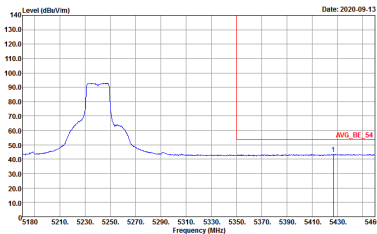


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Project : 052211-07	Left blank



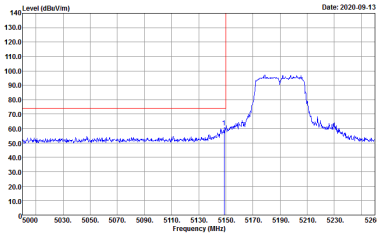
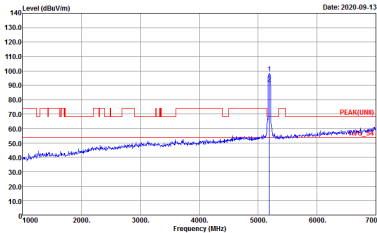
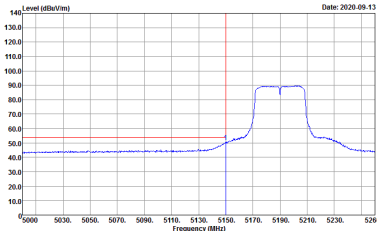
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

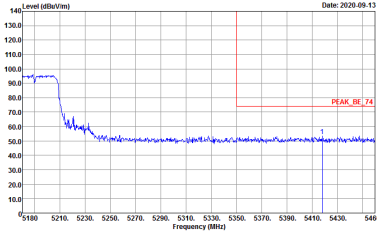
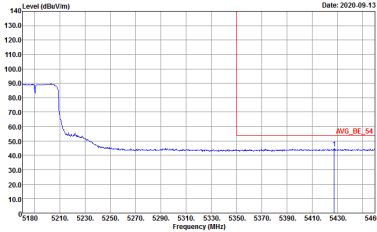
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

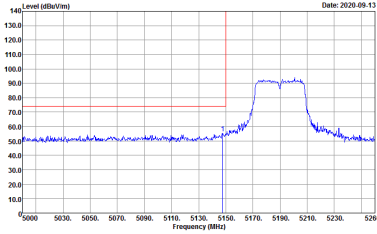
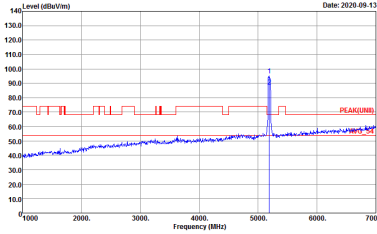
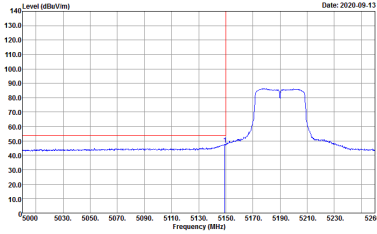


Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

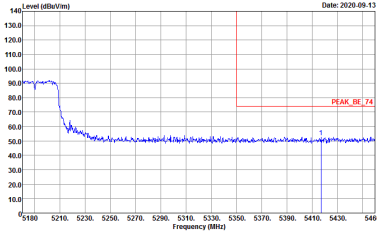
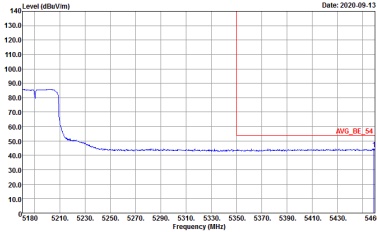
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13	Left blank



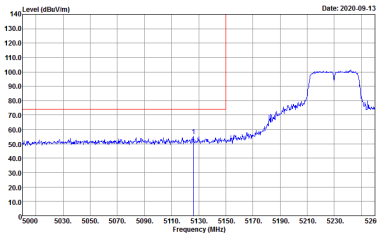
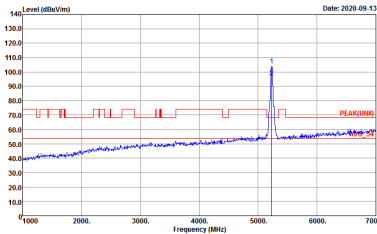
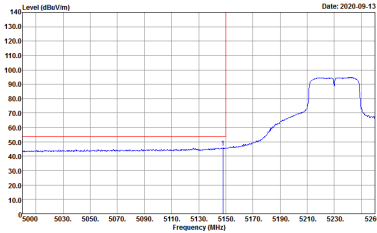
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 052211-07	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07
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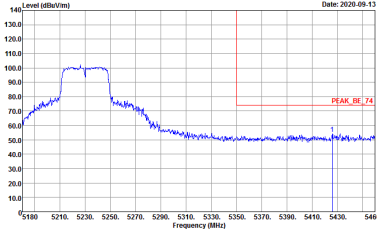
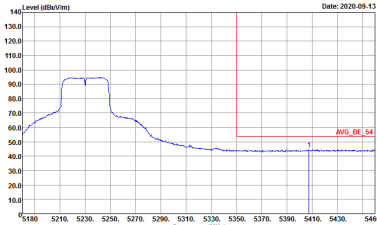


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 052211-07	Left blank

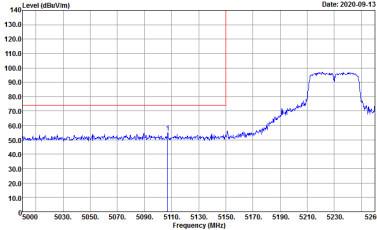
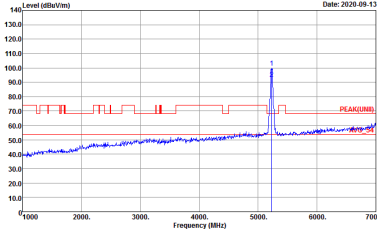
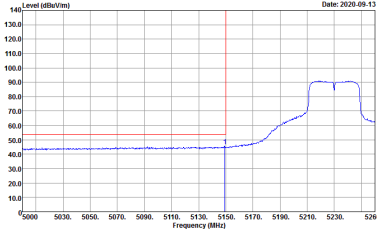


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Project : 052211-07	Left blank

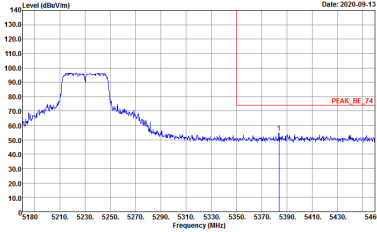
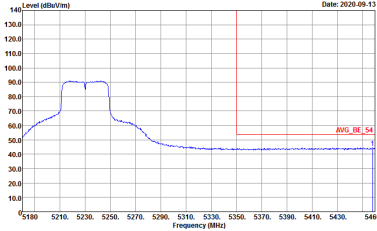


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 052211-07 Date: 2020-09-13	Left blank

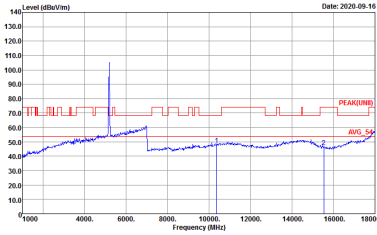
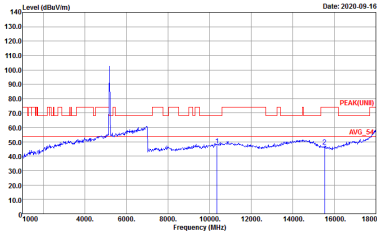


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 052211-07	Left blank

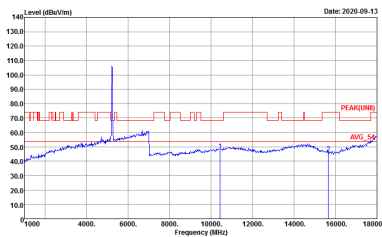
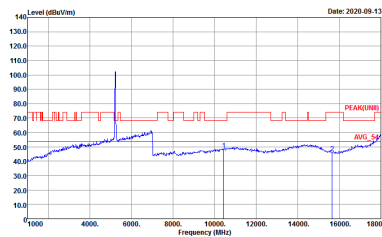


Band 1 - 5150~5250MHz

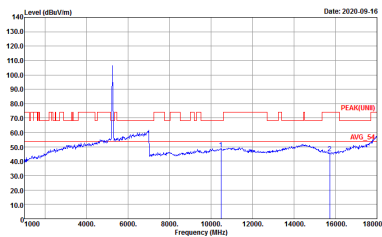
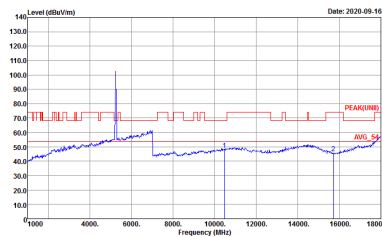
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



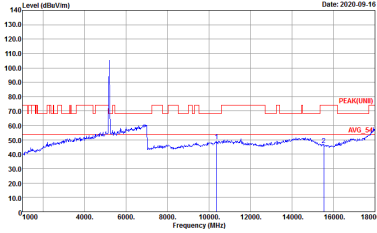
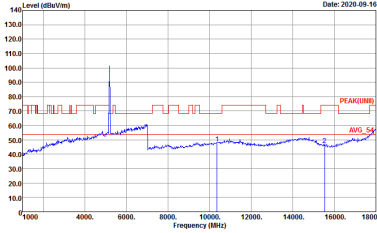
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



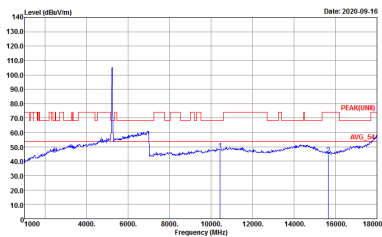
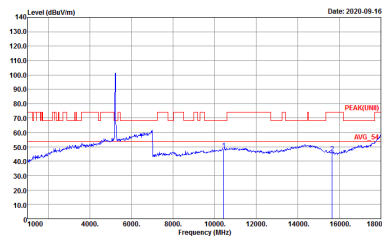
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



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

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



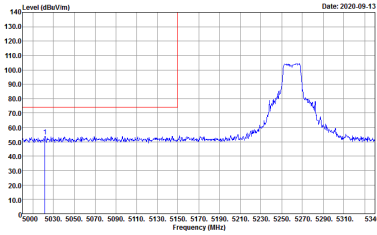
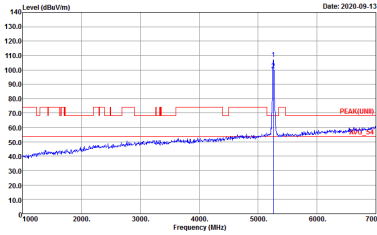
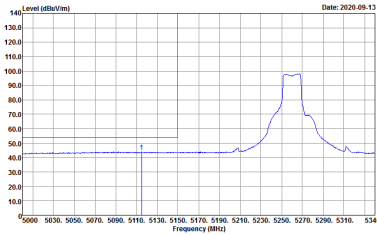
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



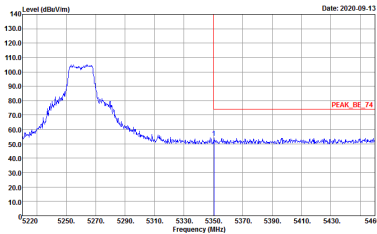
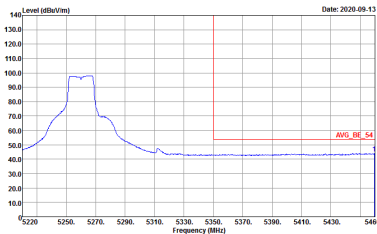
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBu/Vm) Date: 2020-09-16 Site : 03CH16-11Y Condition : PEAK (UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Level (dBu/Vm) Date: 2020-09-16 Site : 03CH16-11Y Condition : PEAK (UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



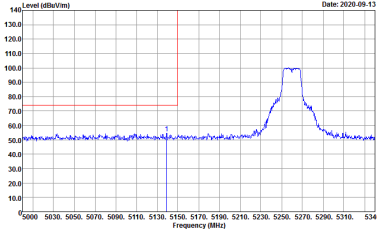
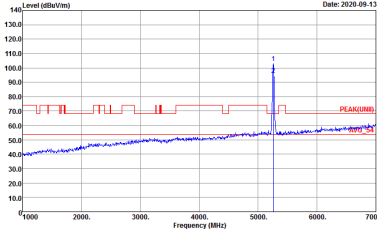
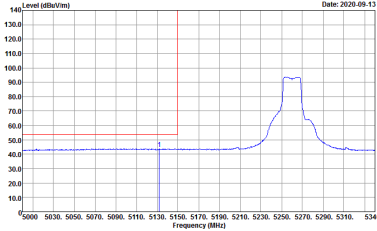
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

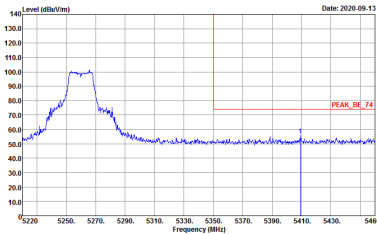
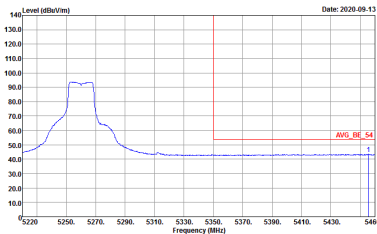
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(FUND) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank



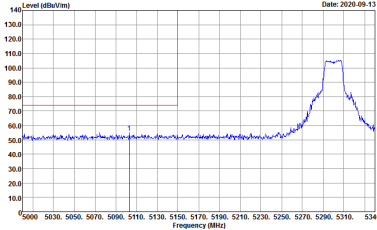
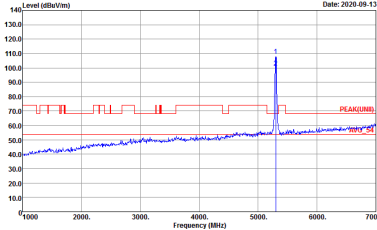
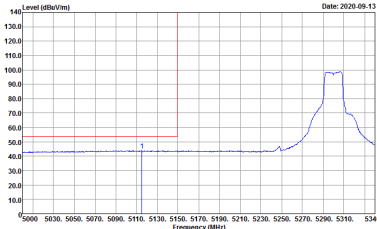
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



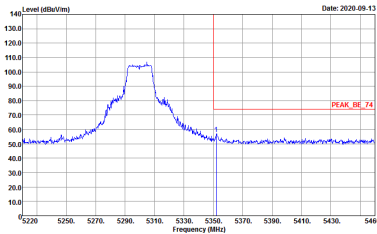
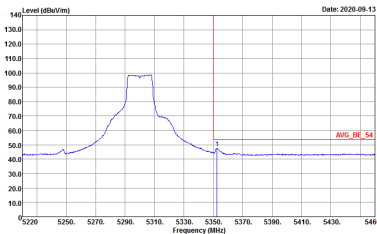
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

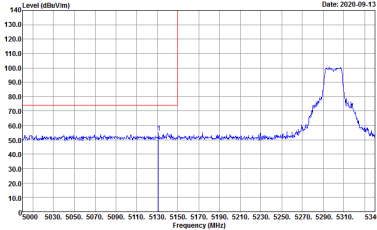
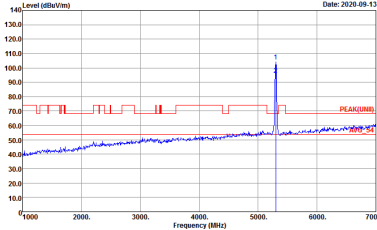
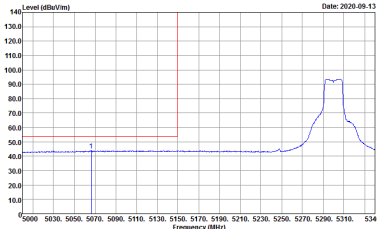


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

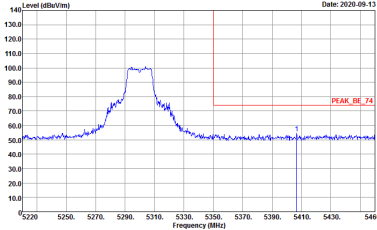
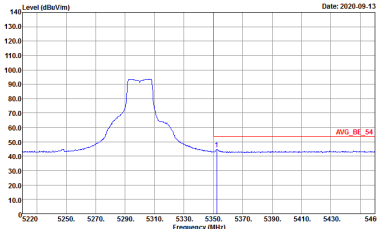


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

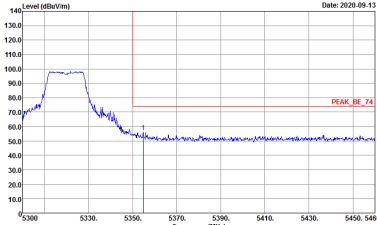
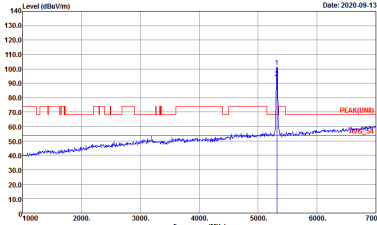
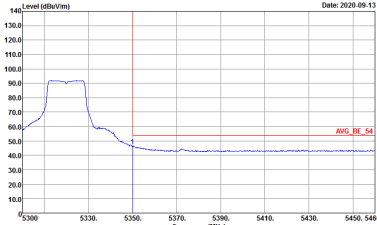


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

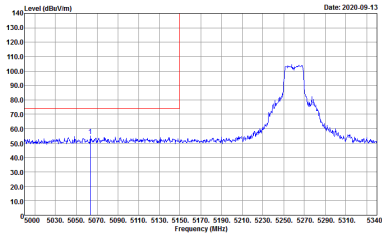
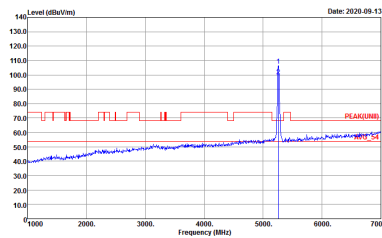
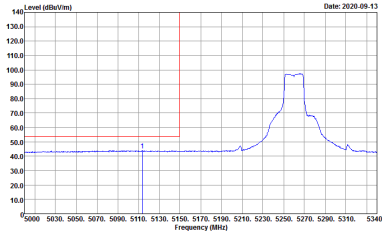


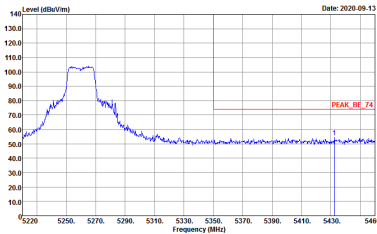
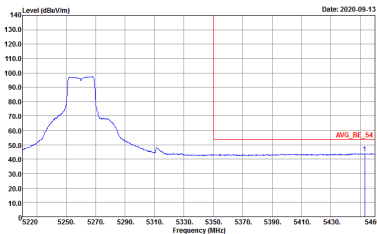
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank



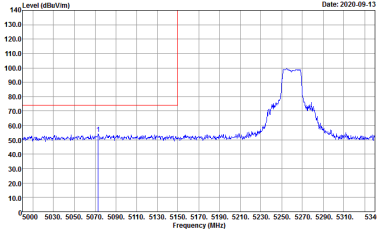
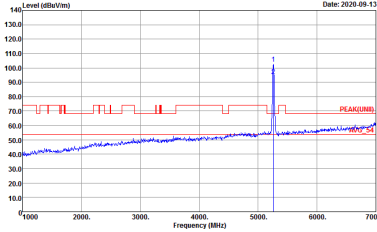
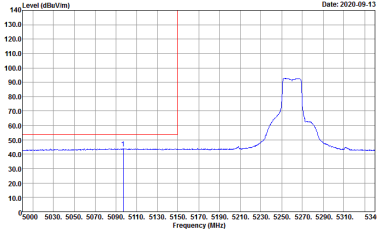
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Avg. : 052211-07	Left blank

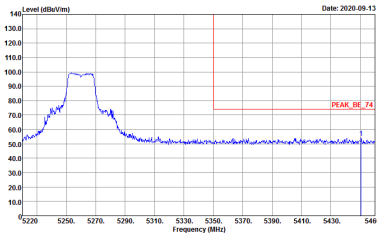
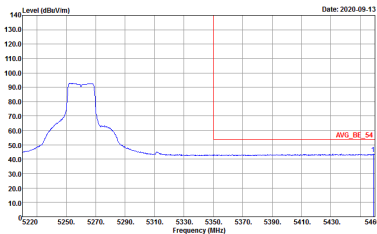
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

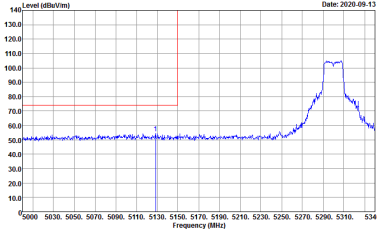
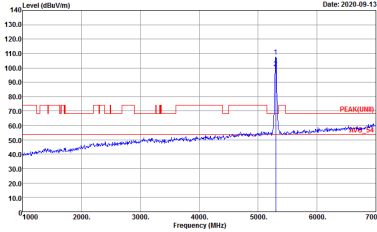
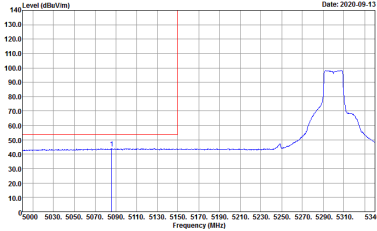
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

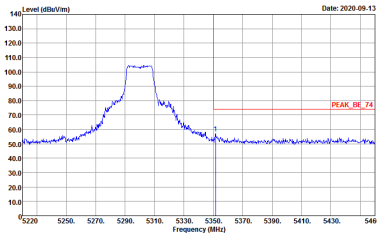
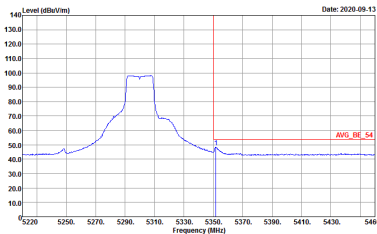


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

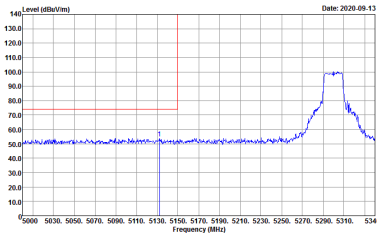
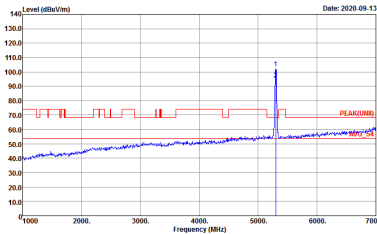
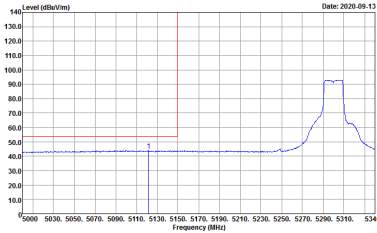
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

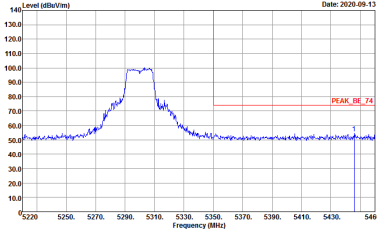
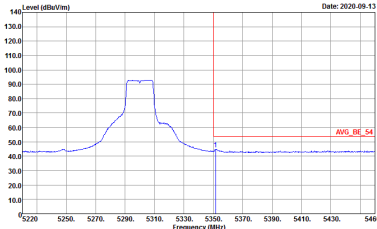


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

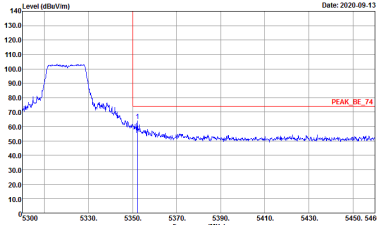
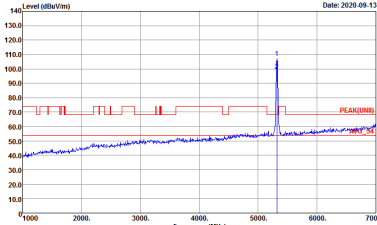
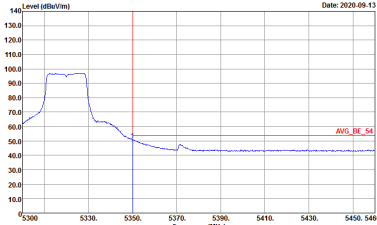
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:1000kHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



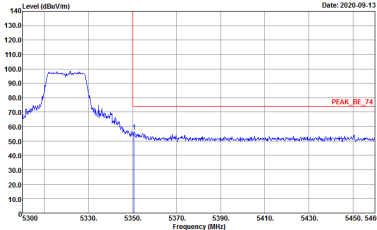
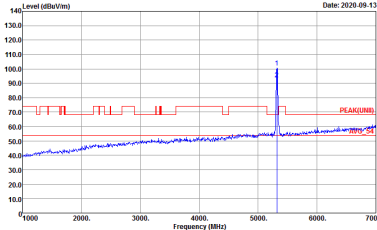
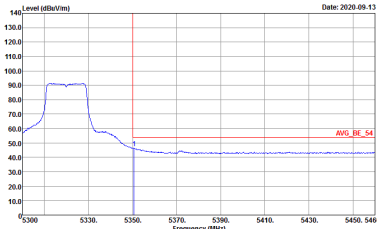
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

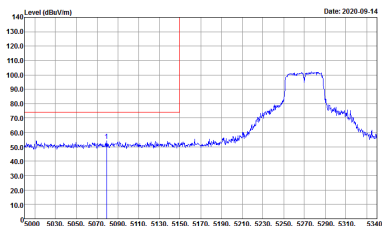
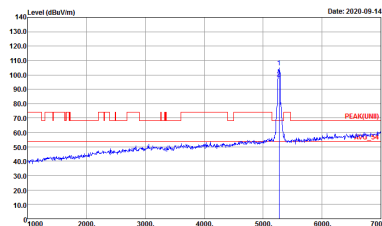
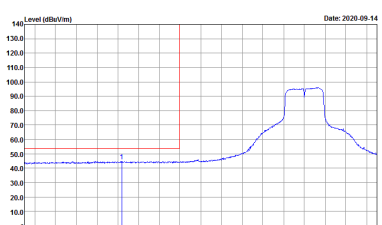


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

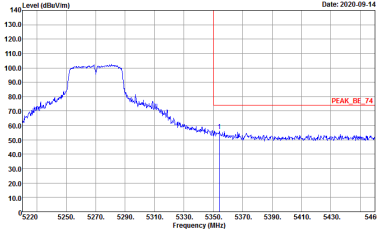
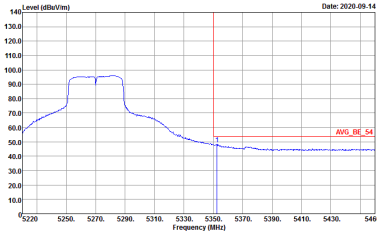


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

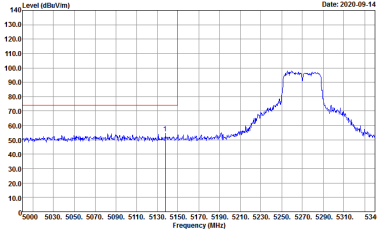
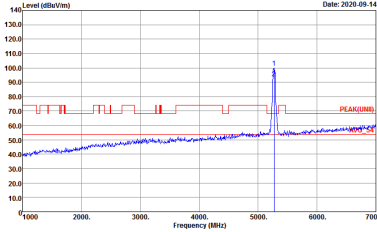
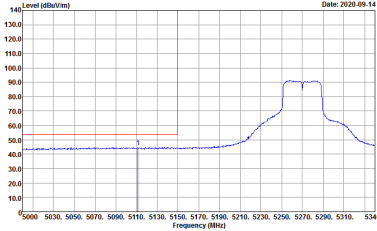
Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	Left blank

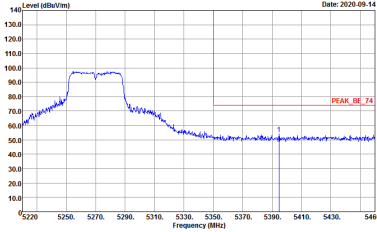
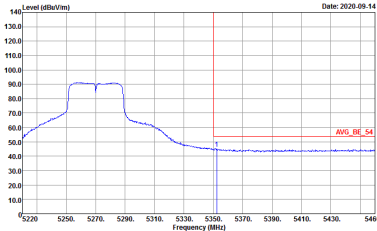


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

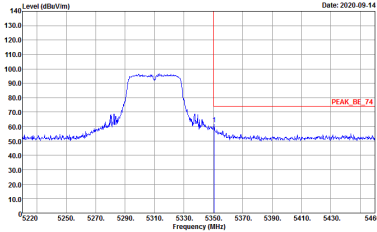
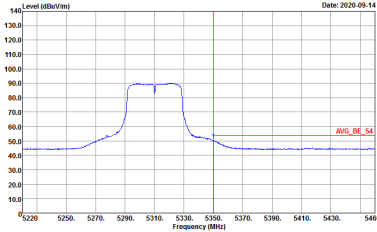


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

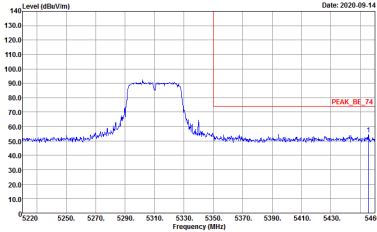
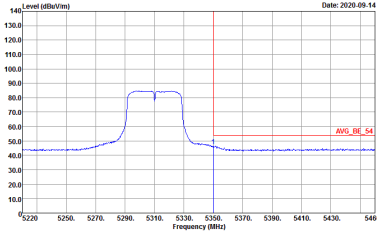


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
	Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

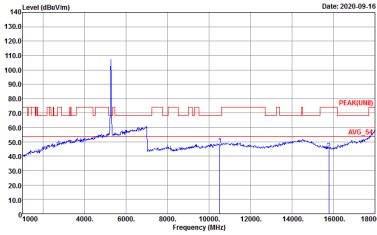
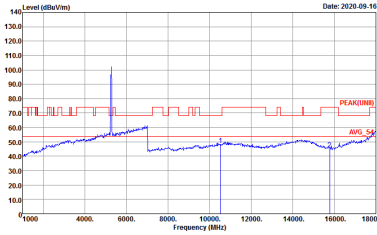


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

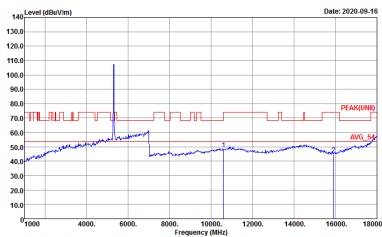
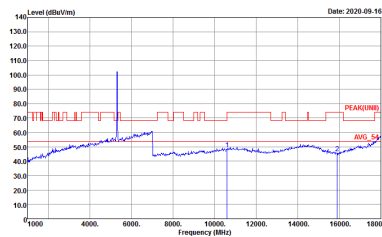


Band 2 - 5250~5350MHz

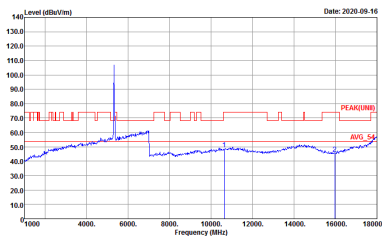
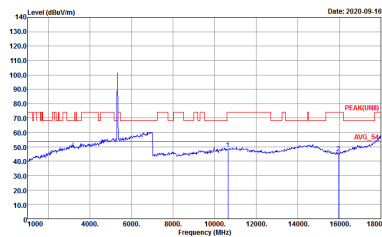
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



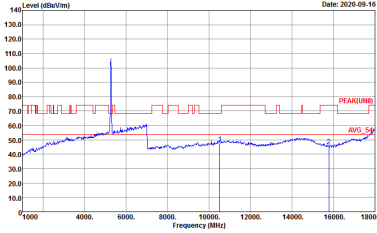
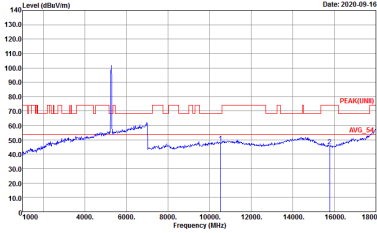
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



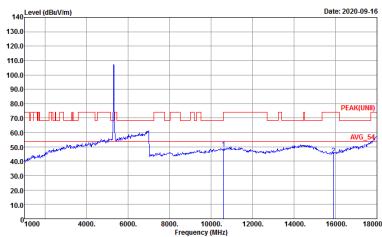
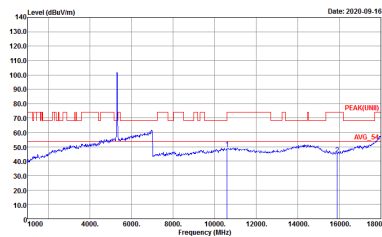
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



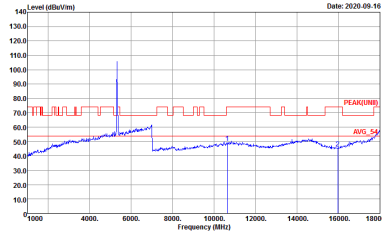
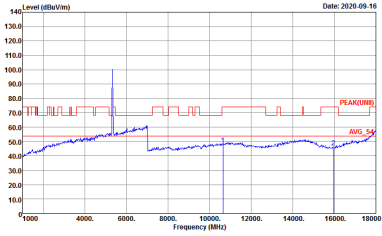
Band 2 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07

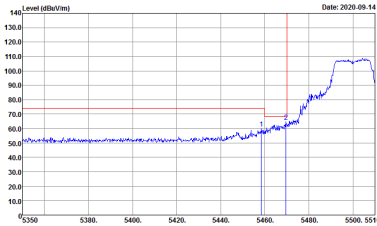
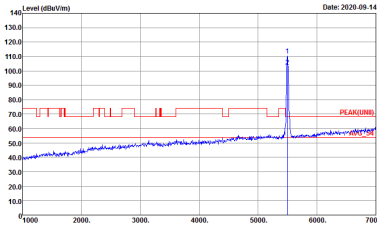
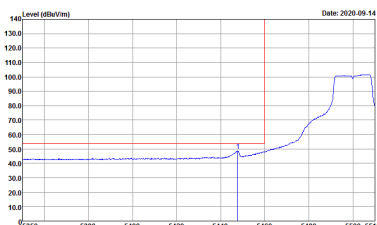


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNII) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07

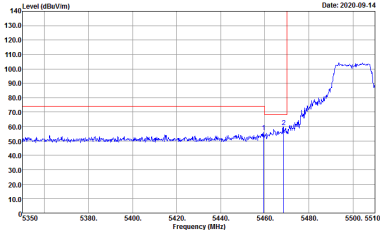
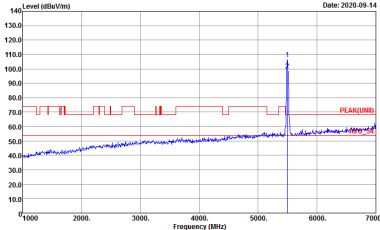
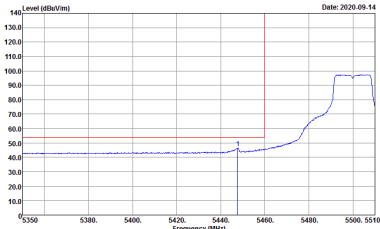


WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07

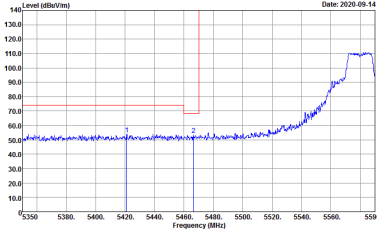
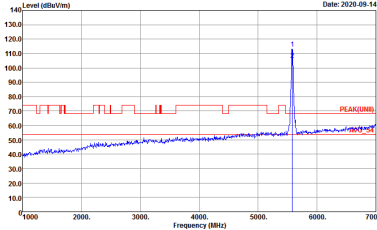
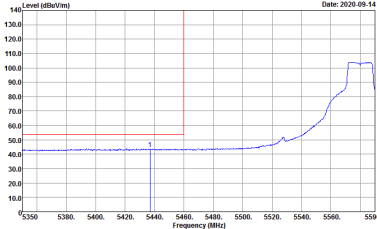
Band 3 - 5470~5725MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

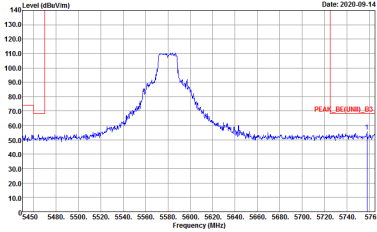


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

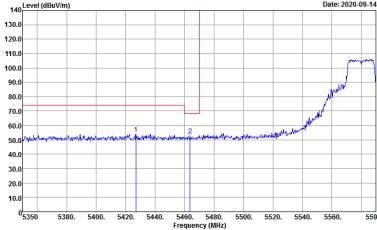
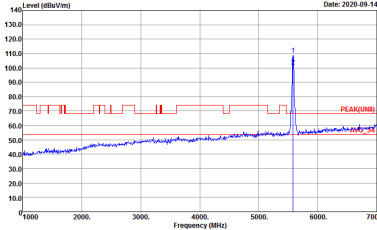
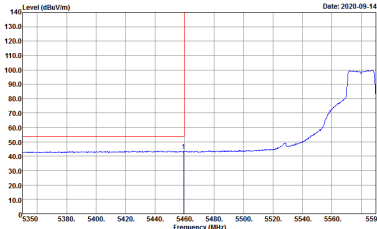


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH116-HY Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	 Site : 03CH116-HY Condition : PEAK(UNIT1) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07
Avg.	 Site : 03CH116-HY Condition : AVG_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : USCH116-19V Condition : PEAK_BE(UNIT1)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

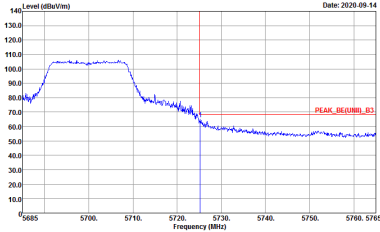
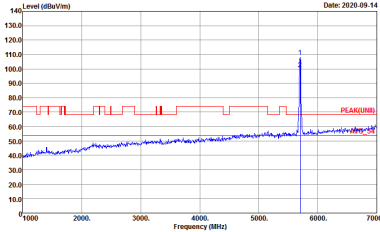


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	Site : 08CH116-10V Condition : PEAK_BE[UNIT], B3 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



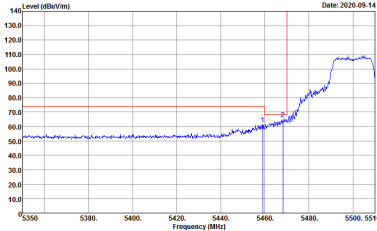
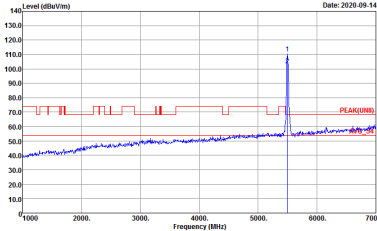
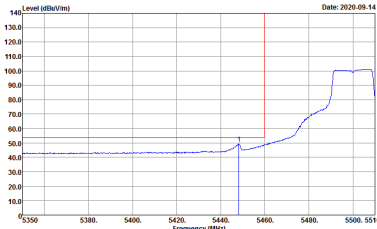
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 052211-07



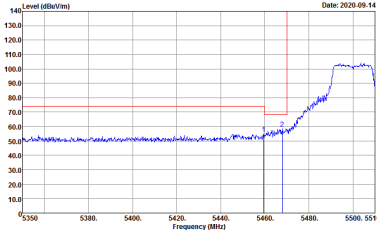
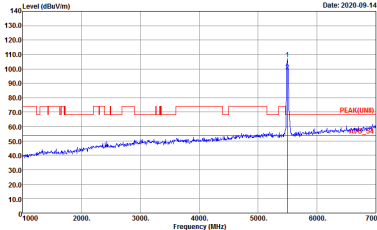
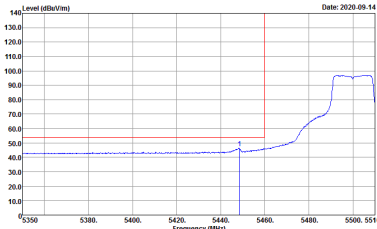
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	Level (dBuV/m) Date: 2020-09-14 PEAK_BE(UNIT)_B3 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07	Level (dBuV/m) Date: 2020-09-14 PEAK(UNIT)_B3 Site : 03CH16-HY Condition : PEAK(UNIT)_B3 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 052211-07



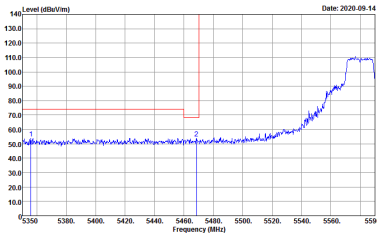
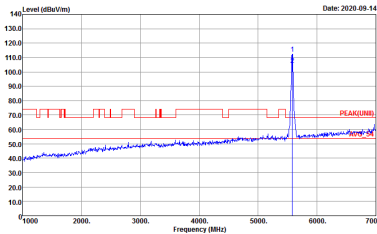
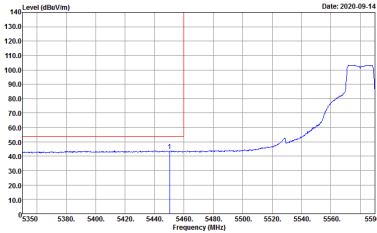
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

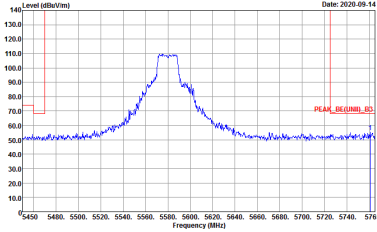


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

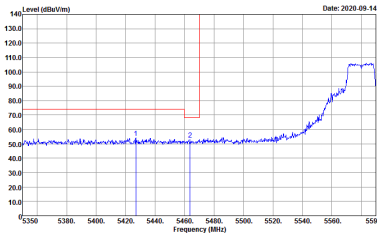
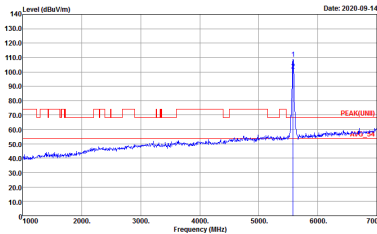
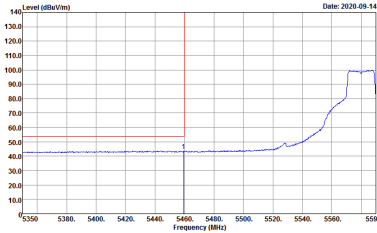


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT), B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

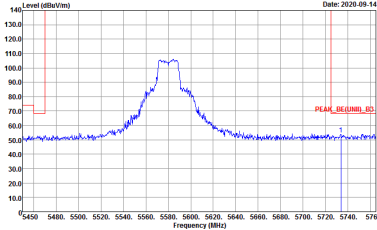


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Horizontal	Fundamental
Peak	 Site : USCH16-19V Condition : PEAK_BE[UNIT], B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

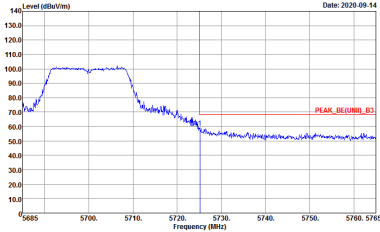
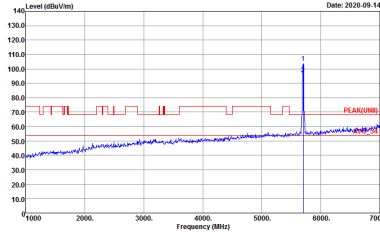


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH116 5580MHz - R	
1	Vertical	Fundamental
Peak	 Site : USCH46-14V Condition : PEAK_BE([UNIT], B3 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



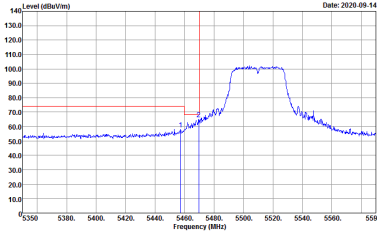
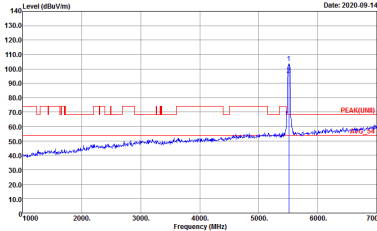
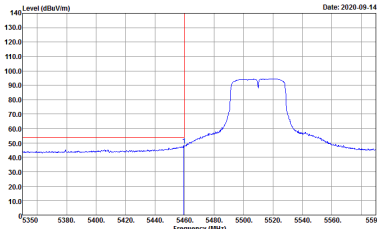
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 052211-07	Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak : 052211-07



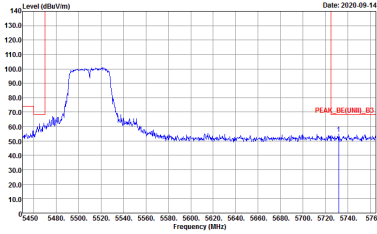
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Date: 2020-09-14	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Date: 2020-09-14



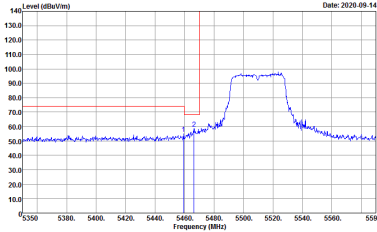
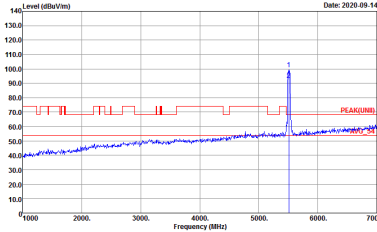
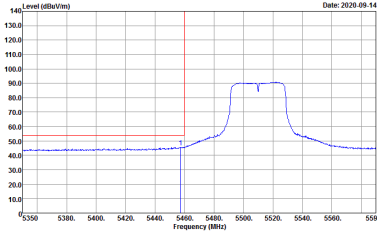
Band 3 5470~5725MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

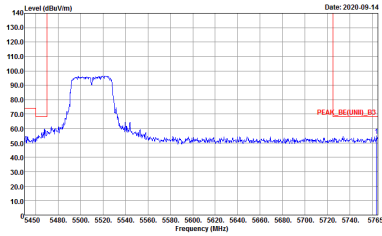


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

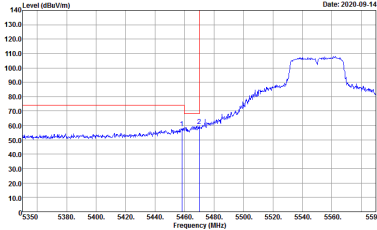
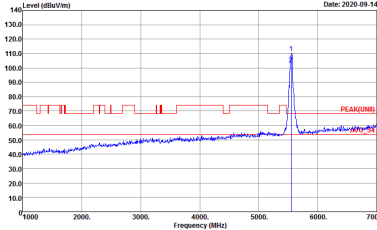
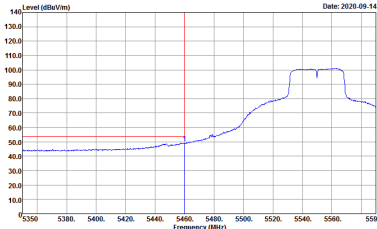


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

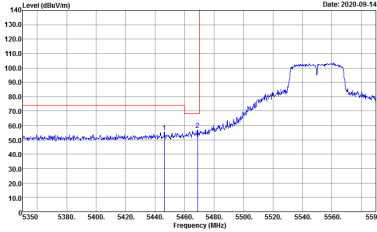
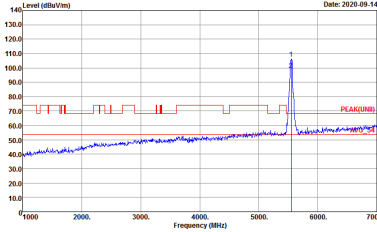
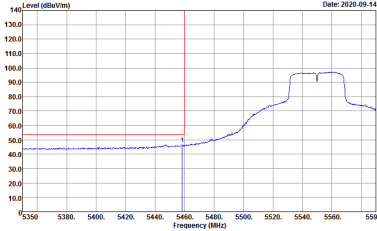


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

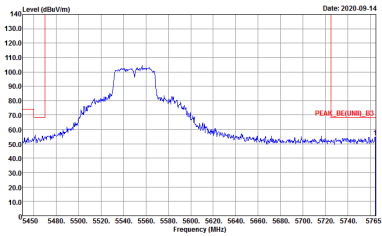


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Horizontal	Fundamental
Peak	Site : USCH16-10V Condition : PEAK_BE[UNIT], B3 3m 9120D_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

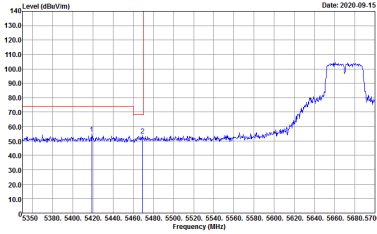
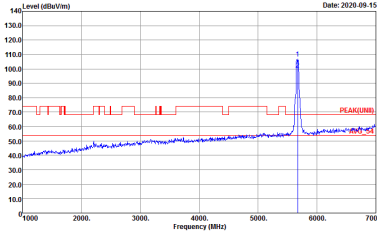
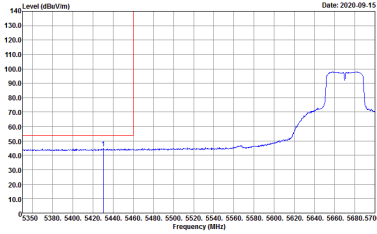


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT)_3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
Avg.	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

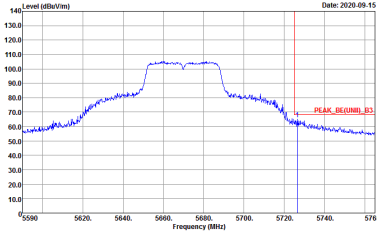


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH110 5550MHz - R	
1	Vertical	Fundamental
Peak	 Site : USCH46-10V Condition : PEAK_BE([UNIT], B3 3m 9120D_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

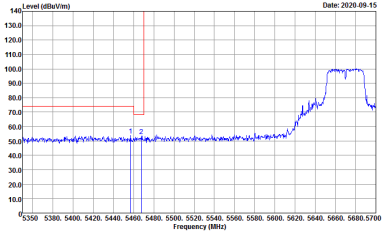
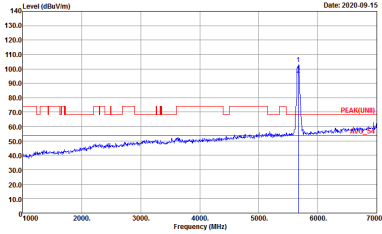
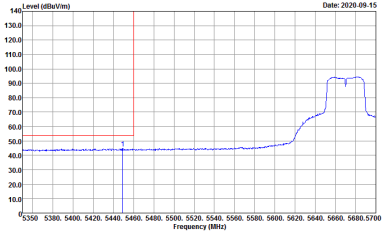


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Left blank

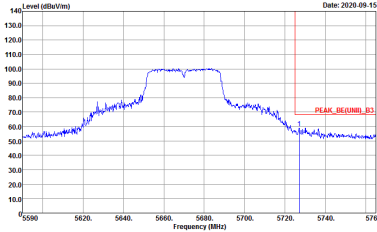


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank



WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07
	 Site : 03CH16-HY Condition : AVG_BE(UNIT)_B3 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07	Left blank

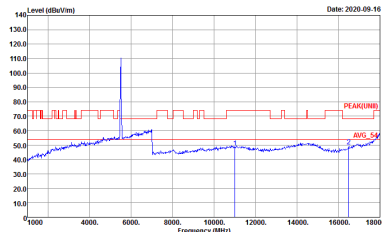
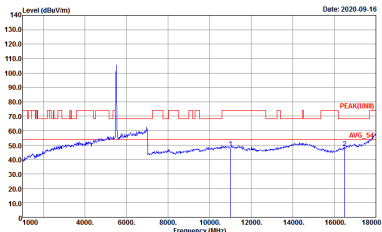


WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH134 5670MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE(UNIT)_B3 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	Left blank

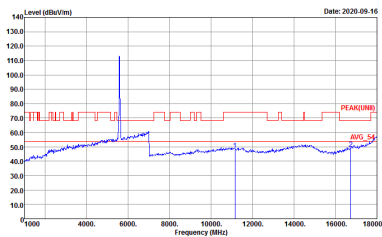
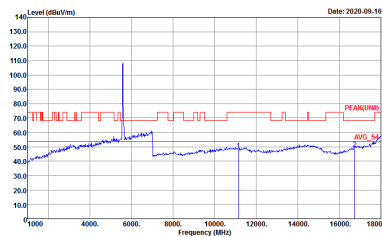


Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



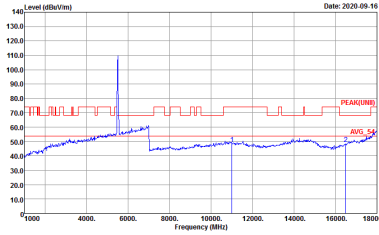
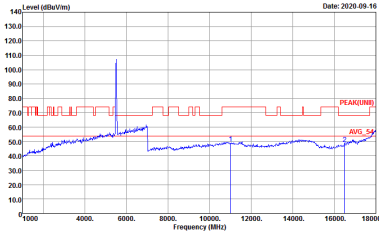
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



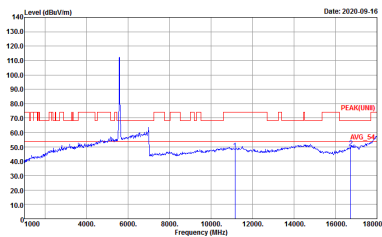
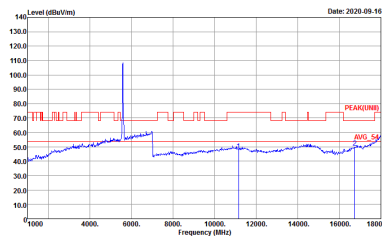
WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2020-09-16 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	Level (dBuV/m) Date: 2020-09-16 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



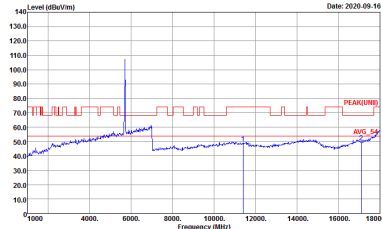
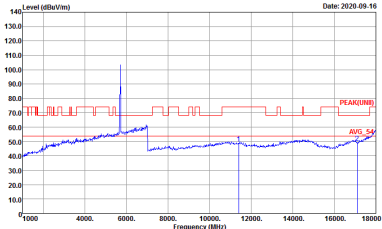
Band 3 5470~5725MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UM) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UM) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH116 5580MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-11Y Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07

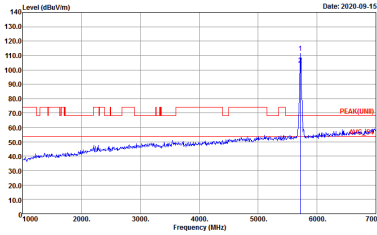
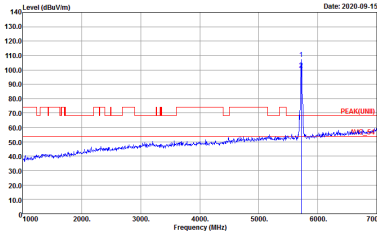


WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



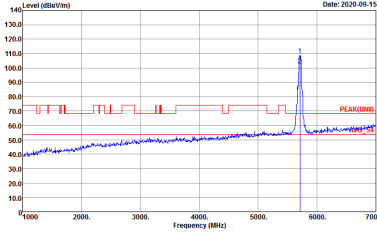
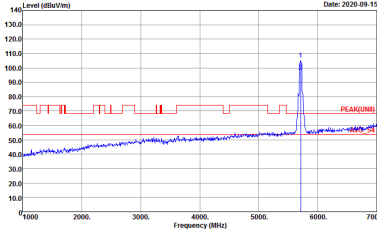
Band 3 - Straddle Channel

WIFI 802.11a (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07

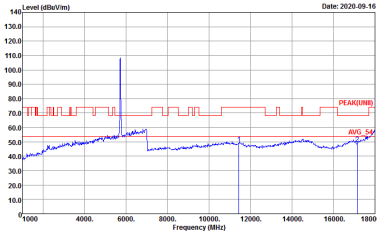
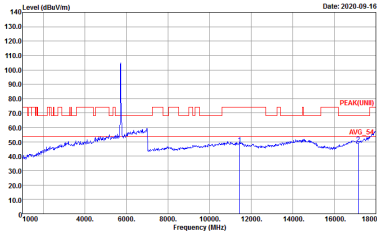


Band 3 – Straddle Channel
WIFI 802.11n HT40 (Fundamental @ 3m)

WIFI	Band 3 Straddle Channel Fundamental @ 3m	
ANT	802.11n HT40 CH142 5710MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 052211-07

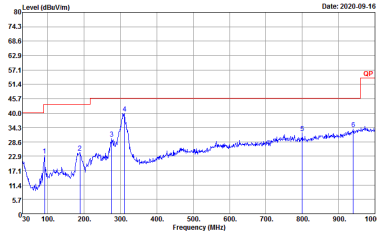
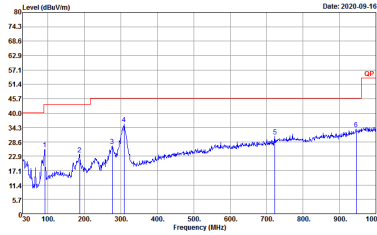


Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1522 VERTICAL Detector : Peak Project : 052211-07



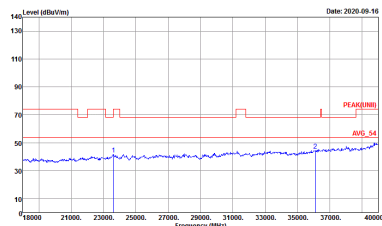
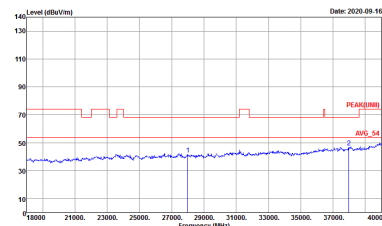
Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH16-HY Condition : QP 3m BIL06_47020406 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : QP 3m BIL06_47020406 VERTICAL Detector : Peak Project : 052211-07



Emission above 18GHz

5GHz WIFI 802.11ac HT20 (SHF)

WIFI	5GHz WIFI	
ANT	802.11ac HT20 SHF	
1	Horizontal	Vertical
Peak / AVG	 Site : 03CH16-HY Condition : PEAK(UNIT) 1m SHF HORN BBHA9170584 HORIZONTAL Detector : Peak Project : 052211-07	 Site : 03CH16-HY Condition : PEAK(UNIT) 1m SHF HORN BBHA9170584 VERTICAL Detector : Peak Project : 052211-07

Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
802.11a	87.18	1360	0.74	1kHz	0.60
5GHz 802.11n HT20	86.44	1275	0.78	1kHz	0.63
5GHz 802.11n HT40	76.26	636	1.57	3kHz	1.18

