FCC RADIO TEST REPORT

FCC ID	:	**COFTPA8800**
Equipment	:	**Payment Tablet eMoBo**
Brand Name	:	**USI**
Model Name	:	**TPA-8800**
Applicant	:	**Universal Global Scientific Industrial Co., Ltd. No.141, Lane 351, Sec.1, Taiping Road, Tsaotuen, Nantou County, 542007, Taiwan**
Manufacturer	:	**Universal Global Scientific Industrial Co., Ltd. No.141, Lane 351, Sec.1, Taiping Road, Tsaotuen, Nantou County, 542007, Taiwan**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Oct. 30, 2024 and testing was performed from Nov. 14, 2024 to Feb. 24, 2025. We, Sporton International Inc. Wensan 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FR491831E	01	Initial issue of report	Feb. 11, 2025
FR491831E	02	Revise Appendix A and Appendix C. This report is an updated version, replacing the report issued on Feb. 11, 2025.	Feb. 21, 2025
FR491831E	03	Revise Appendix A. This report is an updated version, replacing the report issued on Feb. 21, 2025.	Feb. 25, 2025

Summary of Test Result

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

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Wei Chen

Report Producer: Mila Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac and NFC. **Antenna Type** WLAN: PIFA Antenna

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	3.91
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	3.03

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, CO07-HY, 03CH20-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

According to the specifications declared by 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 the test items were validated and recorded in accordance with the standards without any modification during the testing.
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, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported 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		

Note:

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

2.2 Test Mode

The power for 802.11ac mode is smaller than 802.11n mode, so all other conducted and radiated test is covered by 802.11n mode.

The final test modes include the worst data rates for each modulation shown in the table below.

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + NFC on + IC card reader + H-Patten + USB Cable (Data Link with Notebook (Notebook to eMMC))
Remark: Data Link with Notebook means data application transferred mode between EUT and Notebook.	

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

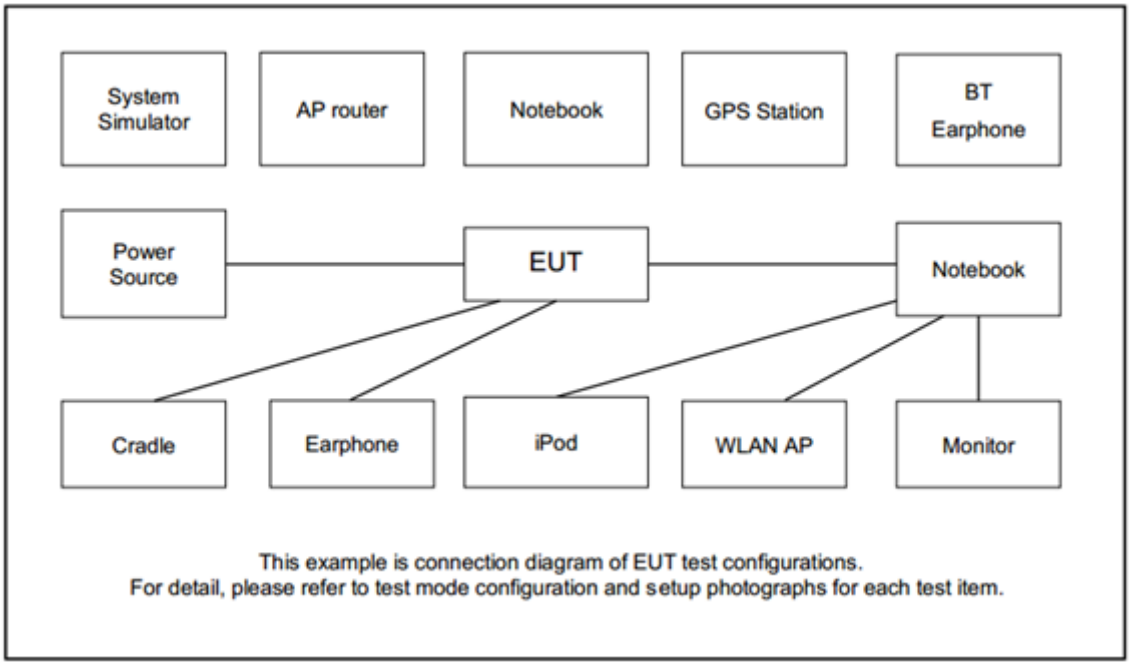
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz
		802.11n HT20	802.11n HT20
L	Low	36	52
M	Middle	44	60
H	High	48	64

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

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

Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony	SBH20	PY7-RD0010	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	iPod	Apple	A1199	FCC DoC	Shielded, 1.0m	N/A
5.	USB Cable	N/A	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT Version 4.0.211.0” 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 10 dB attenuator.

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

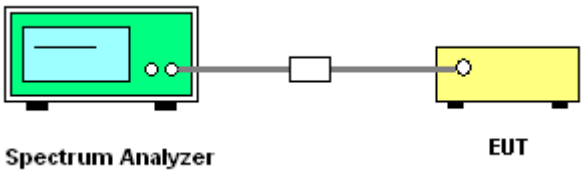
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

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 5.25–5.35 GHz bands:

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

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

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

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

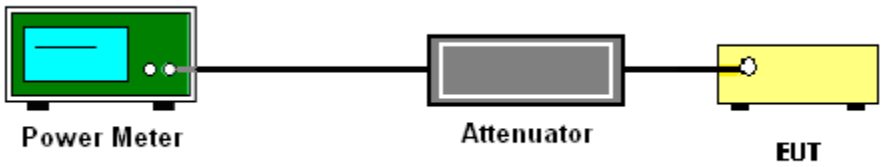
3.2.3 Test Procedures

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

Method PM-G (Measurement using a gated 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.

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 5.25–5.35 GHz bands:

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

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

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

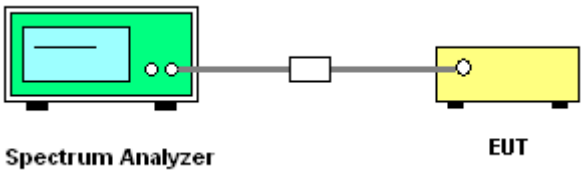
 # Method SA-2 #

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

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

1. The RF output of EUT is 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.

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in 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 1000 MHz

- 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

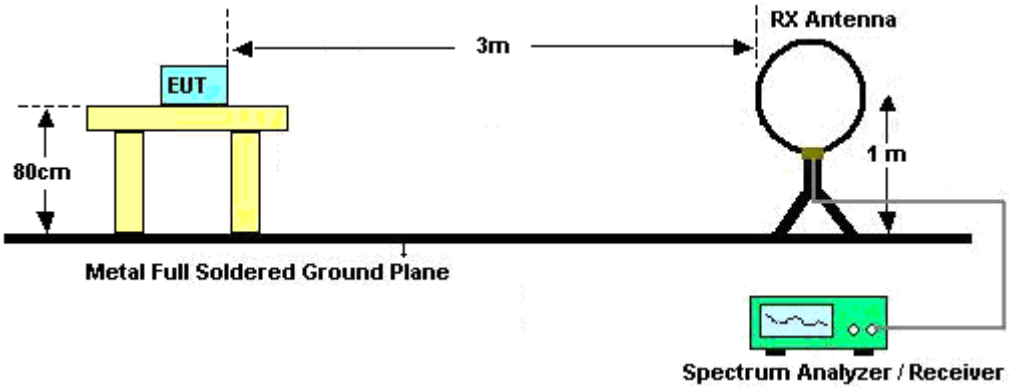
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

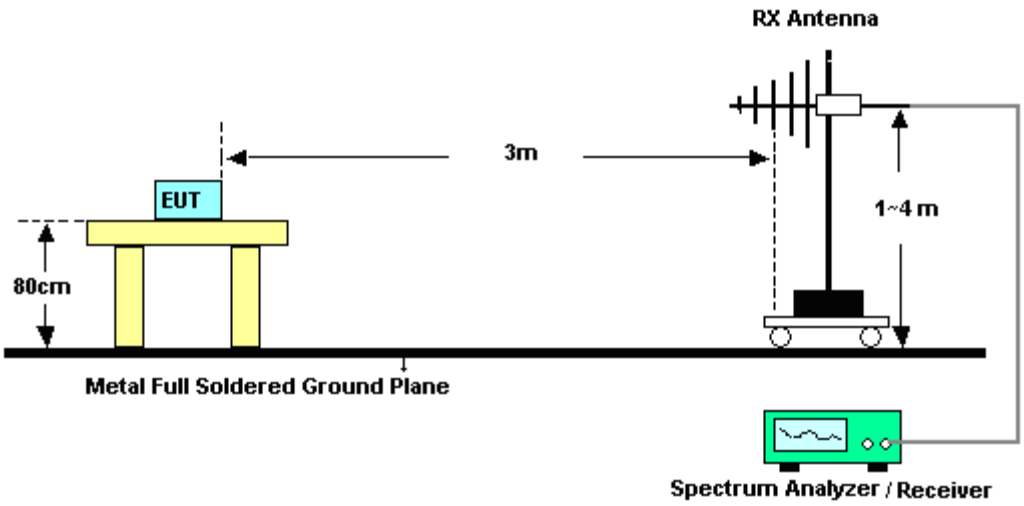
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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 is 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. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

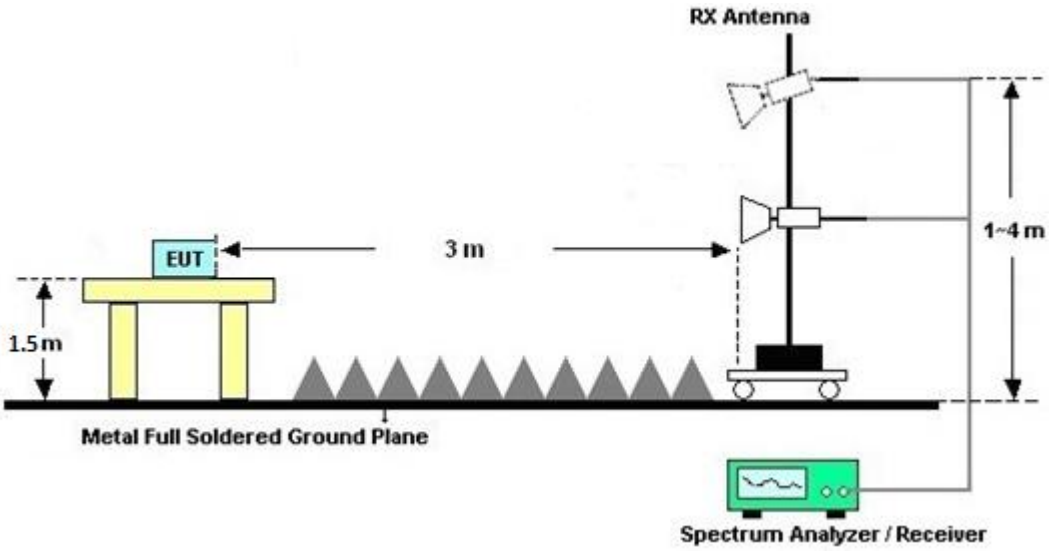
For radiated emissions below 30MHz



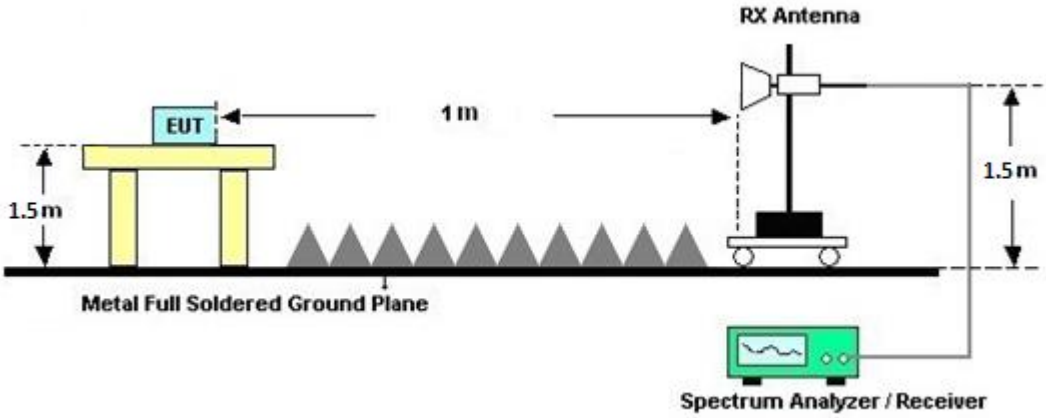
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

There is adequate comparison measurement 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.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

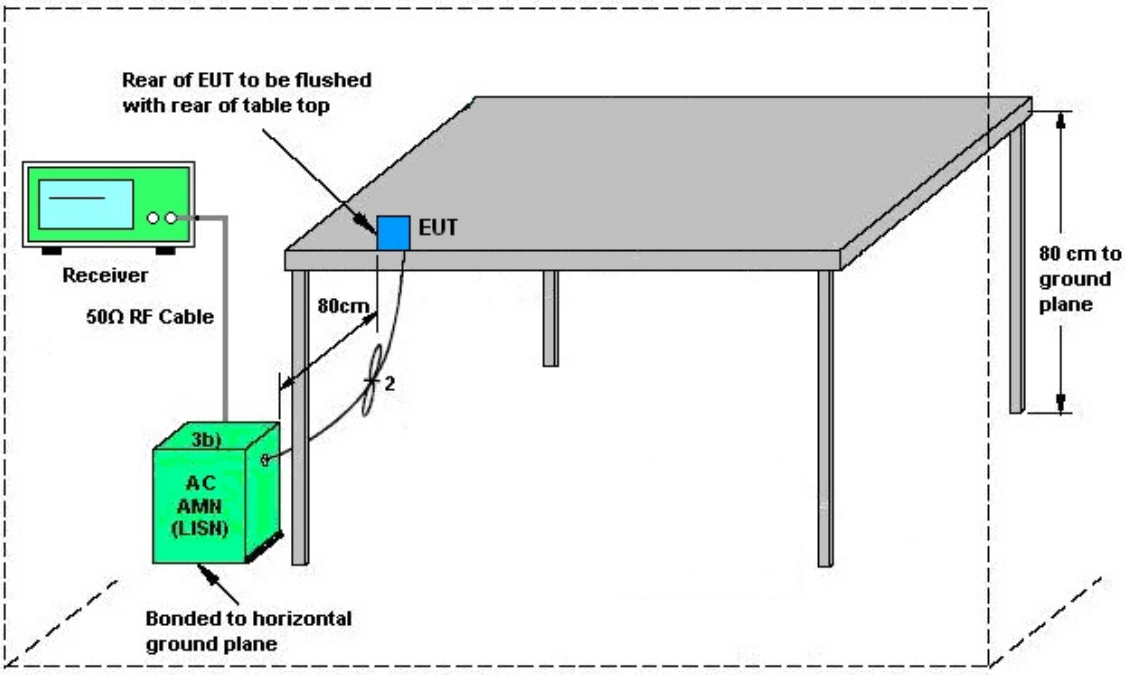
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is 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 shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2024	Nov. 25, 2024~ Dec. 02, 2024	Oct. 15, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Nov. 25, 2024~ Dec. 02, 2024	Aug. 28, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Nov. 25, 2024~ Dec. 02, 2024	Aug. 22, 2025	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Nov. 25, 2024~ Dec. 02, 2024	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 25, 2024~ Dec. 02, 2024	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 25, 2024~ Dec. 02, 2024	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 12, 2023	Nov. 25, 2024~ Dec. 02, 2024	Dec. 11, 2024	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N 1D01N-06	47020 & 06	30MHz~1GHz	Oct. 05, 2024	Nov. 25, 2024~ Nov. 26, 2024	Oct. 04, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800N 1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Nov. 27, 2024~ Dec. 02, 2024	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Nov. 25, 2024~ Dec. 02, 2024	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1230	18GHz-40GHz	Oct. 25, 2024	Nov. 25, 2024~ Dec. 02, 2024	Oct. 24, 2025	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Jan. 01, 2024	Nov. 25, 2024~ Dec. 02, 2024	Dec. 31, 2024	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	1GHz~18GHz	Nov. 12, 2024	Nov. 25, 2024~ Dec. 02, 2024	Nov. 11, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	Nov. 25, 2024~ Dec. 02, 2024	May 26, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,8040 15/2,804027/2	N/A	Jan. 17, 2024	Nov. 25, 2024~ Dec. 02, 2024	Jan. 16, 2025	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211382	N/A	Mar. 27, 2024	Nov. 25, 2024~ Dec. 02, 2024	Mar. 26, 2025	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Nov. 25, 2024~ Dec. 02, 2024	N/A	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Nov. 14, 2024~ Feb. 24, 2025	Oct. 31, 2025	Conducted (TH05-HY)
USB Power Sensor	DARE	RPR3008W	RPR8W-23010 013 (NO:100)	10MHz~8GHz	Jul. 26, 2024	Nov. 14, 2024~ Feb. 24, 2025	Jul. 25, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Aug. 14, 2024	Nov. 14, 2024~ Feb. 24, 2025	Aug. 13, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Nov. 14, 2024~ Feb. 24, 2025	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_v ersion_240513	N/A	Conducted Other Test Item	N/A	Nov. 14, 2024~ Feb. 24, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Dec. 12, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Dec. 12, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 23, 2024	Dec. 12, 2024	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 14, 2024	Dec. 12, 2024	Mar. 13, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Dec. 12, 2024	Mar. 09, 2025	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 07, 2024	Dec. 12, 2024	Mar. 06, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Dec. 12, 2024	Sep. 22, 2025	Conduction (CO07-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.7 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.7 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.4 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.6 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.7 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2024/11/14~2025/02/24	Relative Humidity:	51~54	%

Report Number : FR491831E

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	16.83	-	23.81	-	-		22.26	-	-	
11a	6Mbps	1	44	5220	16.82	-	23.86	-	-		22.26	-		
11a	6Mbps	1	48	5240	16.82	-	24.25	-	-		22.26	-		
HT20	MCS0	1	36	5180	17.95	-	24.89	-	-		22.54	-		
HT20	MCS0	1	44	5220	17.96	-	24.54	-	-		22.54	-		
HT20	MCS0	1	48	5240	17.94	-	24.47	-	-		22.54	-		
HT40	MCS0	1	38	5190	36.62	-	42.26	-	-		23.01	-		
HT40	MCS0	1	46	5230	36.57	-	41.94	-	-		23.01	-		
VHT80	MCS0	1	42	5210	75.60	-	82.53	-	-		23.01	-		

Report Number : FR491831E

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail	EIPR Power	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
11a	6Mbps	1	36	5180	11.50	-	-	24.00	-	3.91	-	-	Pass	15.41	
11a	6Mbps	1	44	5220	11.40	-		24.00	-	3.91	-		Pass	15.31	
11a	6Mbps	1	48	5240	11.40	-		24.00	-	3.91	-		Pass	15.31	
HT20	MCS0	1	36	5180	11.40	-		24.00	-	3.91	-		Pass	15.31	
HT20	MCS0	1	44	5220	11.40	-		24.00	-	3.91	-		Pass	15.31	
HT20	MCS0	1	48	5240	11.40	-		24.00	-	3.91	-		Pass	15.31	
HT40	MCS0	1	38	5190	11.30	-		24.00	-	3.91	-		Pass	15.21	
HT40	MCS0	1	46	5230	11.40	-		24.00	-	3.91	-		Pass	15.31	
VHT20	MCS0	1	36	5180	10.50	-		24.00	-	3.91	-		Pass	14.41	
VHT20	MCS0	1	44	5220	10.40	-		24.00	-	3.91	-		Pass	14.31	
VHT20	MCS0	1	48	5240	10.40	-		24.00	-	3.91	-		Pass	14.31	
VHT40	MCS0	1	38	5190	10.40	-		24.00	-	3.91	-		Pass	14.31	
VHT40	MCS0	1	46	5230	10.50	-		24.00	-	3.91	-		Pass	14.41	
VHT80	MCS0	1	42	5210	9.40	-		24.00	-	3.91	-		Pass	13.31	

Report Number : FR491831E

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.08	-	0.34	-		11.00	-	3.91	-		Pass
11a	6Mbps	1	44	5220	0.08	-	0.13	-		11.00	-	3.91	-		Pass
11a	6Mbps	1	48	5240	0.08	-	0.18	-		11.00	-	3.91	-		Pass
HT20	MCS0	1	36	5180	0.08	-	-0.11	-		11.00	-	3.91	-		Pass
HT20	MCS0	1	44	5220	0.08	-	-0.33	-	-	11.00	-	3.91	-	-	Pass
HT20	MCS0	1	48	5240	0.08	-	0.36	-		11.00	-	3.91	-		Pass
HT40	MCS0	1	38	5190	0.16	-	-2.47	-		11.00	-	3.91	-		Pass
HT40	MCS0	1	46	5230	0.16	-	-2.27	-		11.00	-	3.91	-		Pass
VHT80	MCS0	1	42	5210	0.33	-	-8.14	-		11.00	-	3.91	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	16.82	-	23.34	-	23.26	-	29.26	-	23.98	-	-
11a	6Mbps	1	60	5300	16.80	-	23.59	-	23.25	-	29.25	-	23.98	-	
11a	6Mbps	1	64	5320	16.81	-	23.18	-	23.26	-	29.26	-	23.98	-	
HT20	MCS0	1	52	5260	17.94	-	24.56	-	23.54	-	29.54	-	23.98	-	
HT20	MCS0	1	60	5300	17.93	-	24.35	-	23.54	-	29.54	-	23.98	-	
HT20	MCS0	1	64	5320	17.93	-	24.28	-	23.54	-	29.54	-	23.98	-	
HT40	MCS0	1	54	5270	36.56	-	42.35	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.61	-	42.19	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.55	-	83.01	-	23.98	-	30.00	-	23.98	-	

Report Number : FR491831E

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail	EIRP Power	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2			Ant 1	Ant 2
11a	6Mbps	1	52	5260	11.50	-	-	23.98	-	3.03	-	30	Pass	14.53	
11a	6Mbps	1	60	5300	11.40	-		23.98	-	3.03	-	30	Pass	14.43	
11a	6Mbps	1	64	5320	11.40	-		23.98	-	3.03	-	30	Pass	14.43	
HT20	MCS0	1	52	5260	11.40	-		23.98	-	3.03	-	30	Pass	14.43	
HT20	MCS0	1	60	5300	11.40	-		23.98	-	3.03	-	30	Pass	14.43	
HT20	MCS0	1	64	5320	11.40	-		23.98	-	3.03	-	30	Pass	14.43	
HT40	MCS0	1	54	5270	10.70	-		23.98	-	3.03	-	30	Pass	13.73	
HT40	MCS0	1	62	5310	10.80	-		23.98	-	3.03	-	30	Pass	13.83	
VHT20	MCS0	1	52	5260	10.30	-		23.98	-	3.03	-	30	Pass	13.33	
VHT20	MCS0	1	60	5300	10.40	-		23.98	-	3.03	-	30	Pass	13.43	
VHT20	MCS0	1	64	5320	10.40	-		23.98	-	3.03	-	30	Pass	13.43	
VHT40	MCS0	1	54	5270	10.40	-		23.98	-	3.03	-	30	Pass	13.43	
VHT40	MCS0	1	62	5310	10.40	-		23.98	-	3.03	-	30	Pass	13.43	
VHT80	MCS0	1	58	5290	9.40	-		23.98	-	3.03	-	30	Pass	12.43	

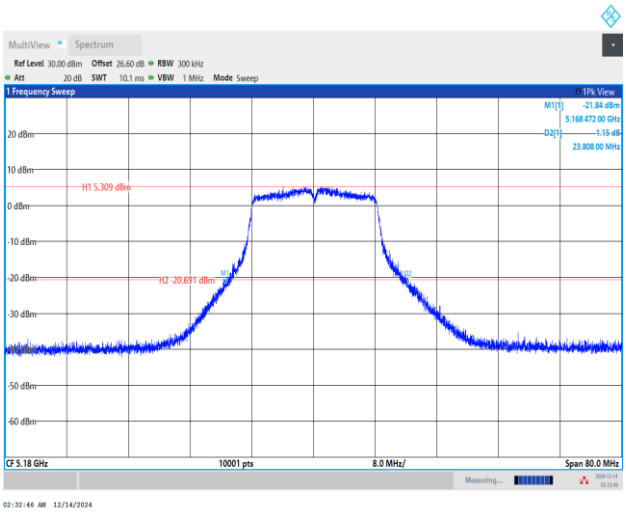
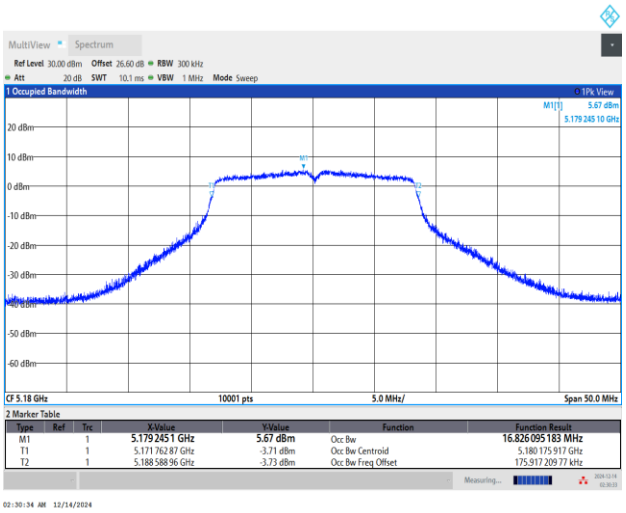
Report Number : FR491831E

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.08	-	0.37	-		11.00	-	3.03	-		Pass
11a	6Mbps	1	60	5300	0.08	-	0.41	-		11.00	-	3.03	-		Pass
11a	6Mbps	1	64	5320	0.08	-	0.37	-		11.00	-	3.03	-		Pass
HT20	MCS0	1	52	5260	0.08	-	-0.05	-		11.00	-	3.03	-		Pass
HT20	MCS0	1	60	5300	0.08	-	0.03	-	-	11.00	-	3.03	-	-	Pass
HT20	MCS0	1	64	5320	0.08	-	0.34	-		11.00	-	3.03	-		Pass
HT40	MCS0	1	54	5270	0.16	-	-3.47	-		11.00	-	3.03	-		Pass
HT40	MCS0	1	62	5310	0.16	-	-3.57	-		11.00	-	3.03	-		Pass
VHT80	MCS0	1	58	5290	0.33	-	-8.56	-		11.00	-	3.03	-		Pass

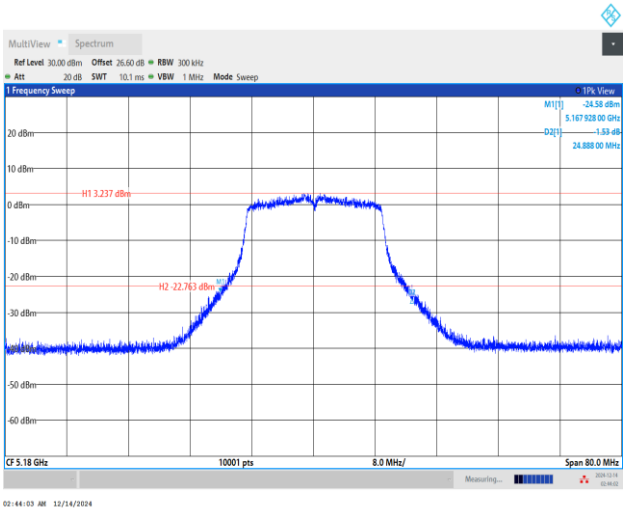
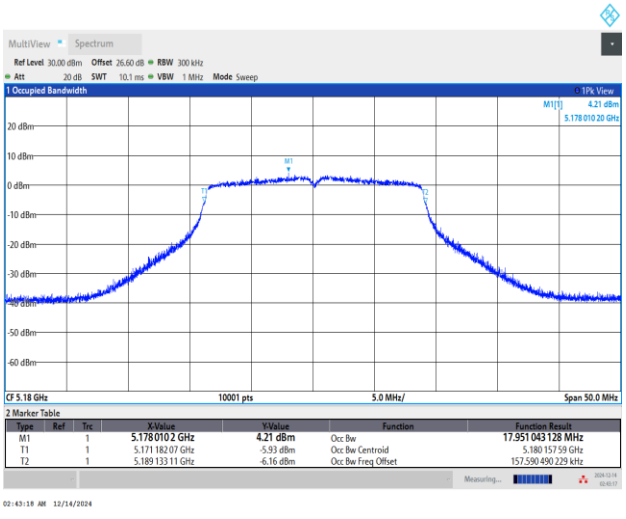
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

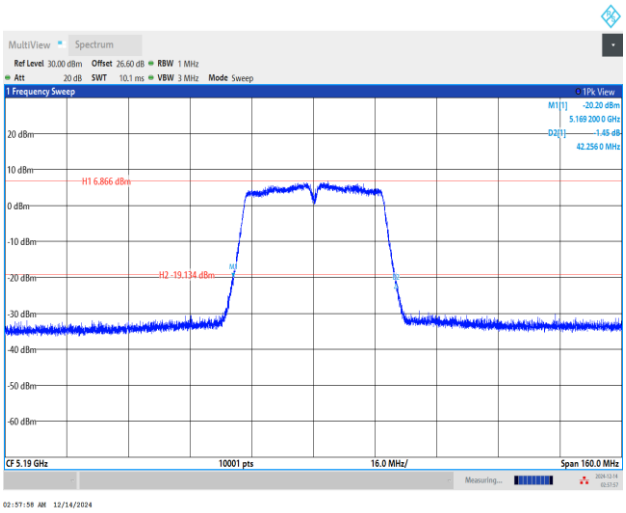
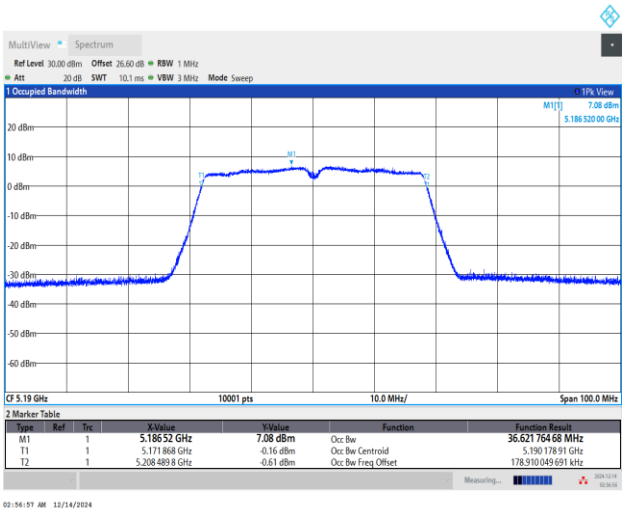
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

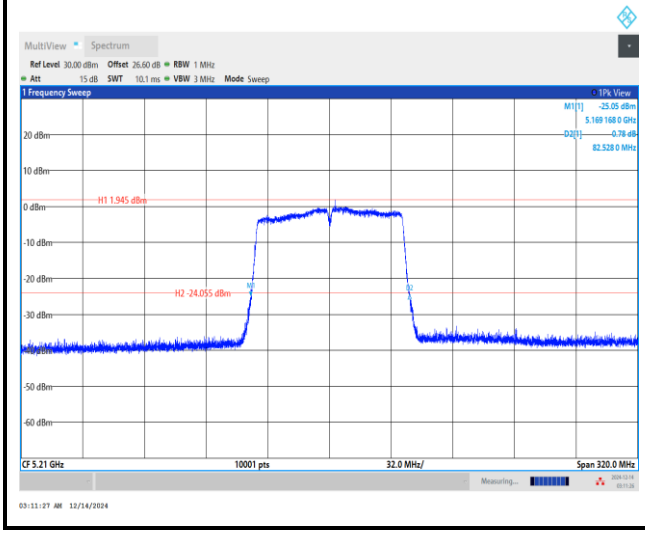
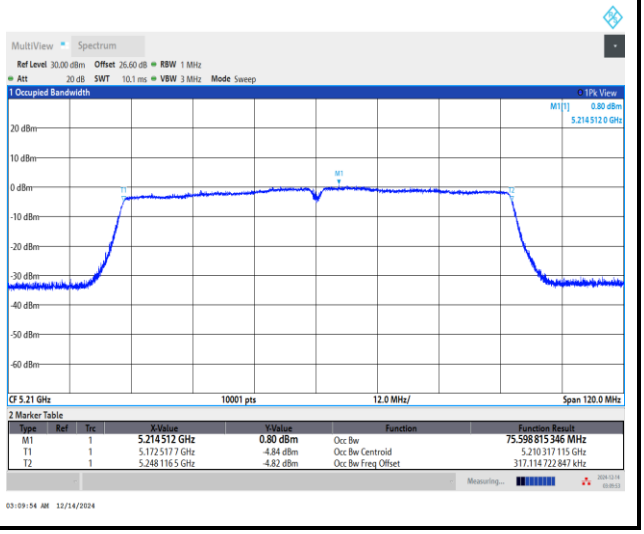
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ac VHT80>

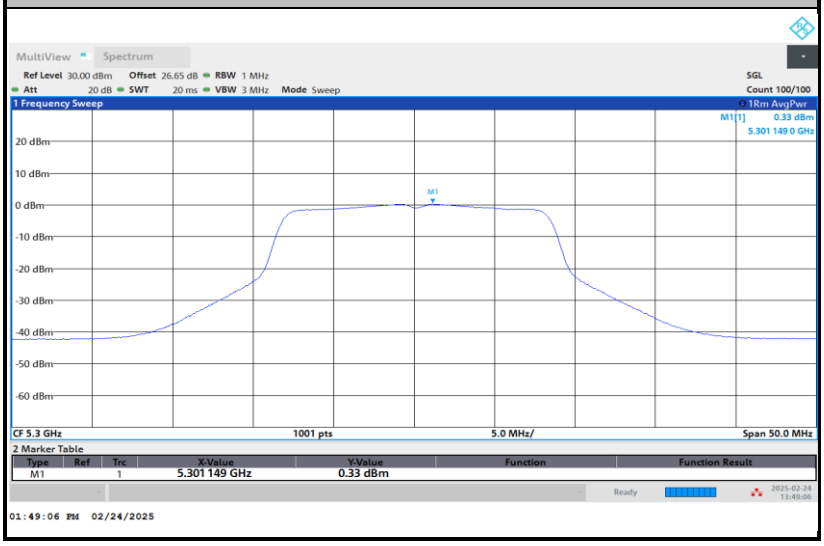
26dB Bandwidth	99% Occupied Bandwidth
	

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

Test Result of Power Spectral Density

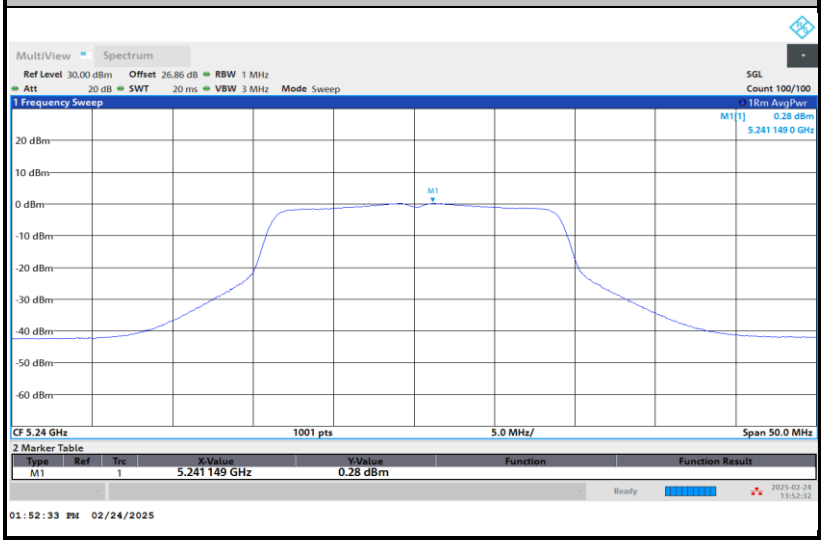
<802.11a>

Maximum Power Density Plot (dBm/MHz)



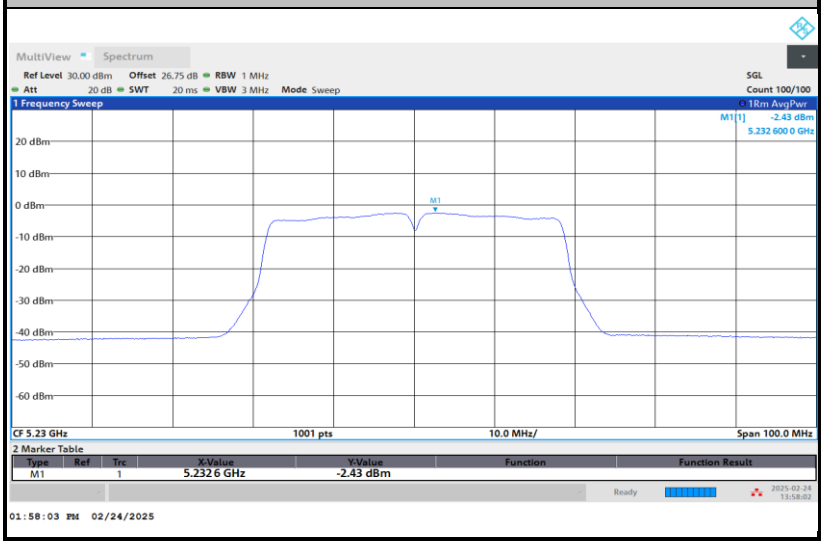
<802.11n HT20>

Maximum Power Density Plot (dBm/MHz)



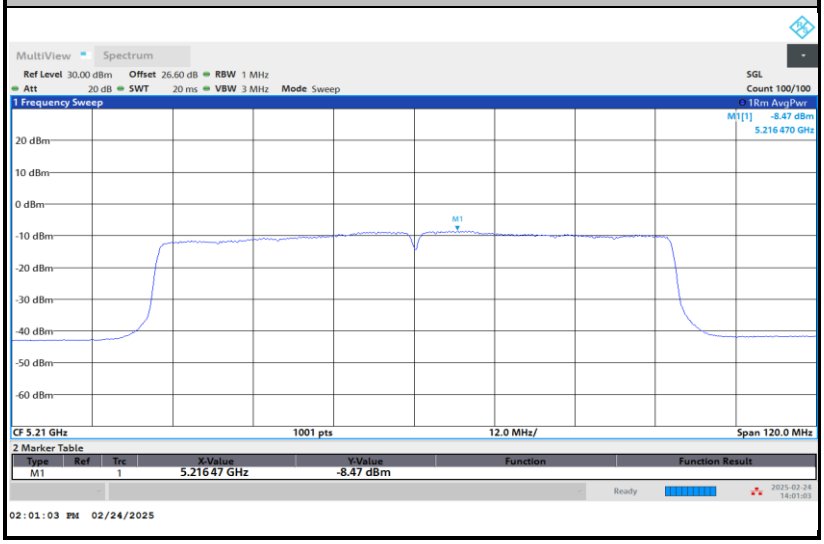
<802.11n HT40>

Maximum Power Density Plot (dBm/MHz)



<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)

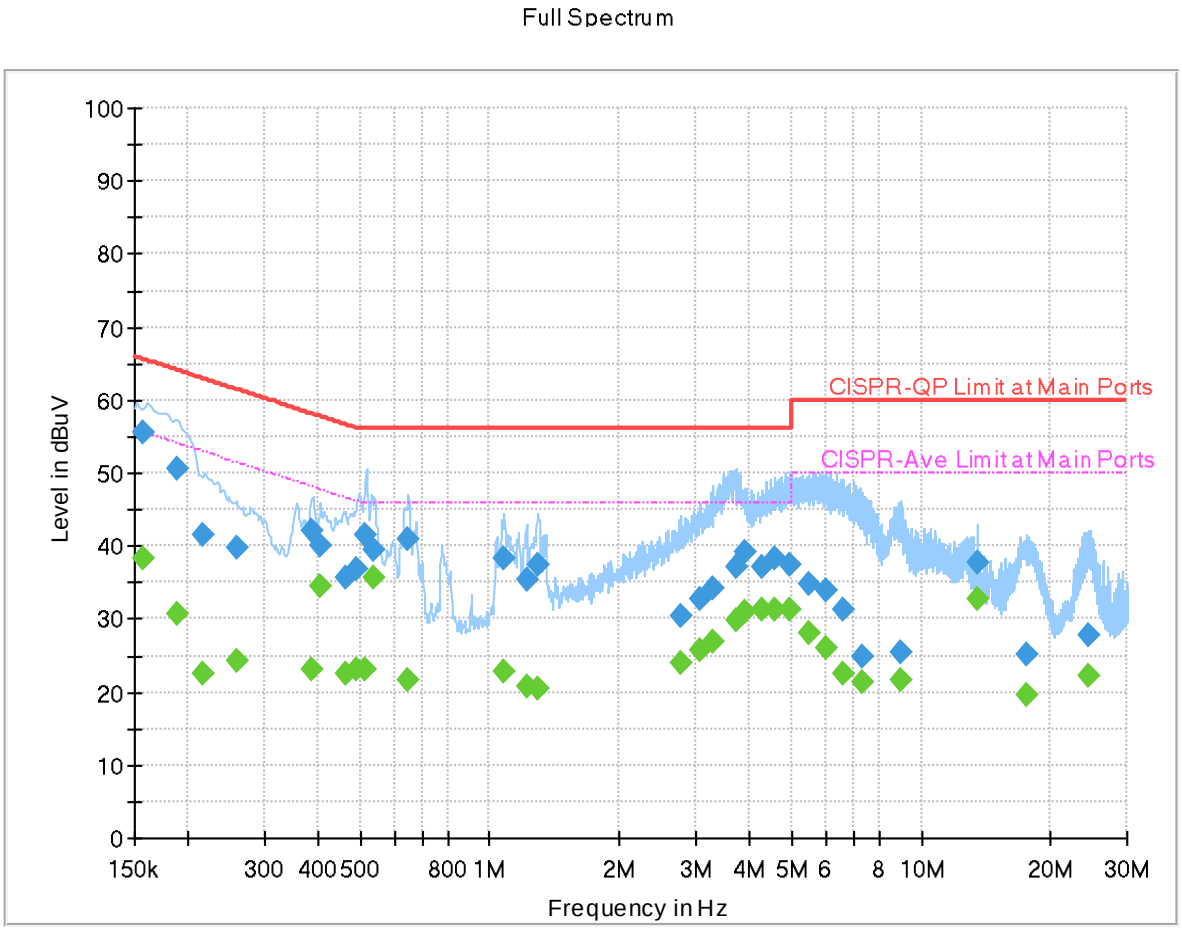


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	20.2~22.6℃
		Relative Humidity :	41.4~52.8%

EUT Information

Report NO :	491831
Test Mode :	Mode 1
Test Voltage :	Power From System
Phase :	Line



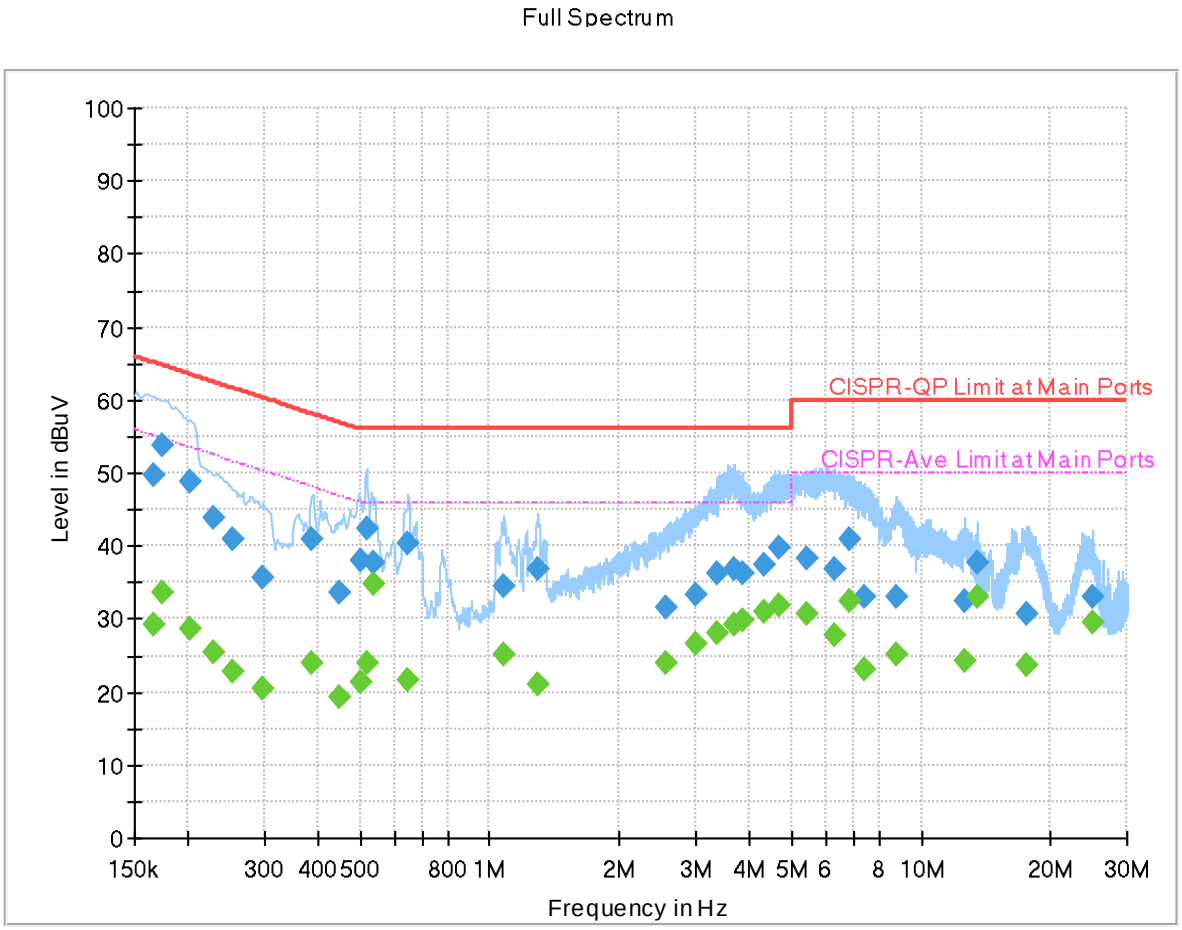
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.157200	55.62	---	65.61	9.99	L1	FLO	19.9
0.157200	---	38.38	55.61	17.23	L1	FLO	19.9
0.187890	50.51	---	64.13	13.62	L1	FLO	19.9
0.187890	---	30.83	54.13	23.30	L1	FLO	19.9
0.215160	41.57	---	63.00	21.43	L1	FLO	19.9
0.215160	---	22.46	53.00	30.54	L1	FLO	19.9
0.260520	39.89	---	61.42	21.53	L1	FLO	19.9
0.260520	---	24.33	51.42	27.09	L1	FLO	19.9
0.387150	42.01	---	58.13	16.12	L1	FLO	19.9
0.387150	---	23.14	48.13	24.99	L1	FLO	19.9
0.403530	40.08	---	57.78	17.70	L1	FLO	19.9
0.403530	---	34.54	47.78	13.24	L1	FLO	19.9
0.462750	35.67	---	56.64	20.97	L1	FLO	19.9
0.462750	---	22.66	46.64	23.98	L1	FLO	19.9
0.489750	36.93	---	56.17	19.24	L1	FLO	19.9
0.489750	---	23.02	46.17	23.15	L1	FLO	19.9
0.512250	41.61	---	56.00	14.39	L1	FLO	19.9
0.512250	---	23.24	46.00	22.76	L1	FLO	19.9
0.539700	39.52	---	56.00	16.48	L1	FLO	19.9

0.539700	---	35.74	46.00	10.26	L1	FLO	19.9
0.645450	41.04	---	56.00	14.96	L1	FLO	19.9
0.645450	---	21.78	46.00	24.22	L1	FLO	19.9
1.079880	38.38	---	56.00	17.62	L1	FLO	19.9
1.079880	---	22.71	46.00	23.29	L1	FLO	19.9
1.216950	35.42	---	56.00	20.58	L1	FLO	19.9
1.216950	---	20.77	46.00	25.23	L1	FLO	19.9
1.293270	37.41	---	56.00	18.59	L1	FLO	19.9
1.293270	---	20.53	46.00	25.47	L1	FLO	19.9
2.778000	30.35	---	56.00	25.65	L1	FLO	20.0
2.778000	---	24.01	46.00	21.99	L1	FLO	20.0
3.075360	32.74	---	56.00	23.26	L1	FLO	20.0
3.075360	---	25.76	46.00	20.24	L1	FLO	20.0
3.286500	34.29	---	56.00	21.71	L1	FLO	20.0
3.286500	---	26.89	46.00	19.11	L1	FLO	20.0
3.727500	37.16	---	56.00	18.84	L1	FLO	20.0
3.727500	---	29.83	46.00	16.17	L1	FLO	20.0
3.923790	39.07	---	56.00	16.93	L1	FLO	20.0
3.923790	---	30.96	46.00	15.04	L1	FLO	20.0
4.263090	37.20	---	56.00	18.80	L1	FLO	20.0
4.263090	---	31.28	46.00	14.72	L1	FLO	20.0
4.564500	38.17	---	56.00	17.83	L1	FLO	20.0
4.564500	---	31.33	46.00	14.67	L1	FLO	20.0
4.976250	37.33	---	56.00	18.67	L1	FLO	20.0
4.976250	---	31.20	46.00	14.80	L1	FLO	20.0
5.498430	34.91	---	60.00	25.09	L1	FLO	20.0
5.498430	---	28.11	50.00	21.89	L1	FLO	20.0
6.040500	33.87	---	60.00	26.13	L1	FLO	20.0
6.040500	---	26.02	50.00	23.98	L1	FLO	20.0
6.596250	31.17	---	60.00	28.83	L1	FLO	20.0
6.596250	---	22.61	50.00	27.39	L1	FLO	20.0
7.338750	24.94	---	60.00	35.06	L1	FLO	20.1
7.338750	---	21.21	50.00	28.79	L1	FLO	20.1
9.012030	25.44	---	60.00	34.56	L1	FLO	20.1
9.012030	---	21.66	50.00	28.34	L1	FLO	20.1
13.560540	37.83	---	60.00	22.17	L1	FLO	20.1
13.560540	---	32.85	50.00	17.15	L1	FLO	20.1
17.526750	25.01	---	60.00	34.99	L1	FLO	20.1
17.526750	---	19.68	50.00	30.32	L1	FLO	20.1
24.468000	27.64	---	60.00	32.36	L1	FLO	20.2
24.468000	---	22.30	50.00	27.70	L1	FLO	20.2

EUT Information

Report NO :	491831
Test Mode :	Mode 1
Test Voltage :	Power From System
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.165750	---	29.37	55.17	25.80	N	FLO	19.9
0.165750	49.65	---	65.17	15.52	N	FLO	19.9
0.174750	---	33.58	54.73	21.15	N	FLO	19.9
0.174750	53.85	---	64.73	10.88	N	FLO	19.9
0.201750	---	28.55	53.54	24.99	N	FLO	19.9
0.201750	48.72	---	63.54	14.82	N	FLO	19.9
0.228300	---	25.40	52.51	27.11	N	FLO	19.9
0.228300	43.72	---	62.51	18.79	N	FLO	19.9
0.254490	---	22.87	51.61	28.74	N	FLO	19.9
0.254490	40.82	---	61.61	20.79	N	FLO	19.9
0.296340	---	20.39	50.35	29.96	N	FLO	19.9
0.296340	35.81	---	60.35	24.54	N	FLO	19.9
0.385980	---	24.00	48.15	24.15	N	FLO	19.9
0.385980	40.93	---	58.15	17.22	N	FLO	19.9
0.447000	---	19.29	46.93	27.64	N	FLO	19.9
0.447000	33.77	---	56.93	23.16	N	FLO	19.9
0.502530	---	21.34	46.00	24.66	N	FLO	19.9
0.502530	38.11	---	56.00	17.89	N	FLO	19.9
0.521250	---	23.93	46.00	22.07	N	FLO	19.9

0.521250	42.26	---	56.00	13.74	N	FLO	19.9
0.537000	---	34.86	46.00	11.14	N	FLO	19.9
0.537000	37.60	---	56.00	18.40	N	FLO	19.9
0.642750	---	21.58	46.00	24.42	N	FLO	19.9
0.642750	40.31	---	56.00	15.69	N	FLO	19.9
1.074750	---	25.25	46.00	20.75	N	FLO	20.0
1.074750	34.58	---	56.00	21.42	N	FLO	20.0
1.293720	---	21.00	46.00	25.00	N	FLO	20.0
1.293720	36.86	---	56.00	19.14	N	FLO	20.0
2.566500	---	24.04	46.00	21.96	N	FLO	20.0
2.566500	31.58	---	56.00	24.42	N	FLO	20.0
3.005250	---	26.47	46.00	19.53	N	FLO	20.0
3.005250	33.41	---	56.00	22.59	N	FLO	20.0
3.372000	---	28.21	46.00	17.79	N	FLO	20.0
3.372000	36.34	---	56.00	19.66	N	FLO	20.0
3.678000	---	29.31	46.00	16.69	N	FLO	20.0
3.678000	36.71	---	56.00	19.29	N	FLO	20.0
3.873210	---	29.91	46.00	16.09	N	FLO	20.0
3.873210	36.24	---	56.00	19.76	N	FLO	20.0
4.305570	---	31.14	46.00	14.86	N	FLO	20.0
4.305570	37.56	---	56.00	18.44	N	FLO	20.0
4.688250	---	31.91	46.00	14.09	N	FLO	20.0
4.688250	39.68	---	56.00	16.32	N	FLO	20.0
5.415180	---	30.81	50.00	19.19	N	FLO	20.0
5.415180	38.17	---	60.00	21.83	N	FLO	20.0
6.270990	---	27.71	50.00	22.29	N	FLO	20.0
6.270990	36.85	---	60.00	23.15	N	FLO	20.0
6.852030	---	32.52	50.00	17.48	N	FLO	20.1
6.852030	40.93	---	60.00	19.07	N	FLO	20.1
7.405800	---	23.13	50.00	26.87	N	FLO	20.1
7.405800	33.13	---	60.00	26.87	N	FLO	20.1
8.721060	---	25.17	50.00	24.83	N	FLO	20.1
8.721060	33.04	---	60.00	26.96	N	FLO	20.1
12.633000	---	24.30	50.00	25.70	N	FLO	20.1
12.633000	32.49	---	60.00	27.51	N	FLO	20.1
13.559640	---	32.93	50.00	17.07	N	FLO	20.1
13.559640	37.70	---	60.00	22.30	N	FLO	20.1
17.501550	---	23.62	50.00	26.38	N	FLO	20.2
17.501550	30.74	---	60.00	29.26	N	FLO	20.2
24.898020	---	29.45	50.00	20.55	N	FLO	20.2
24.898020	33.02	---	60.00	26.98	N	FLO	20.2

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang, David Dai, and Sam Chou	**Temperature:**	19.6~23.4℃
		Relative Humidity:	64.8~70.5%

Note symbol

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

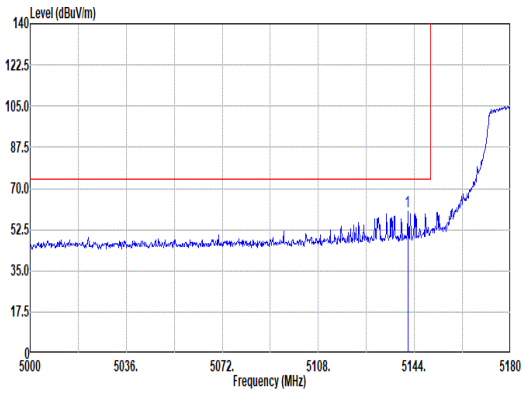
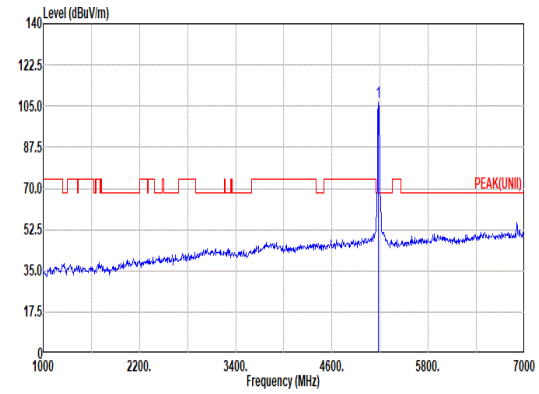
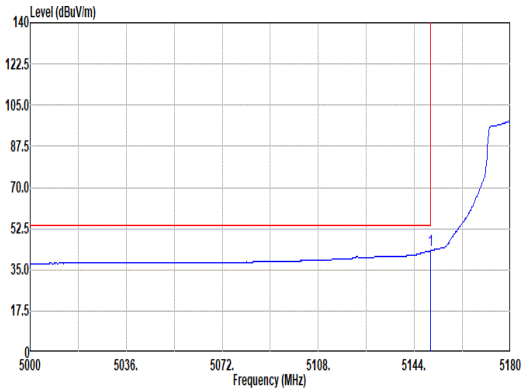
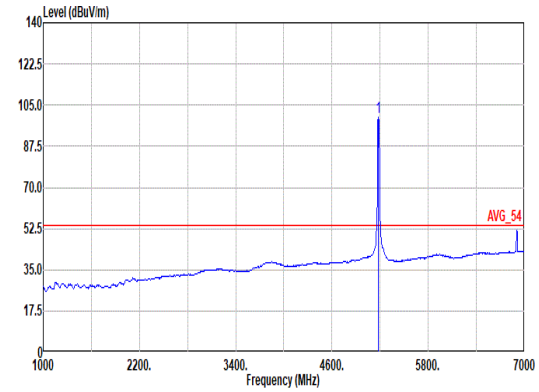
C1. Radiated Spurious Emission Test Modes

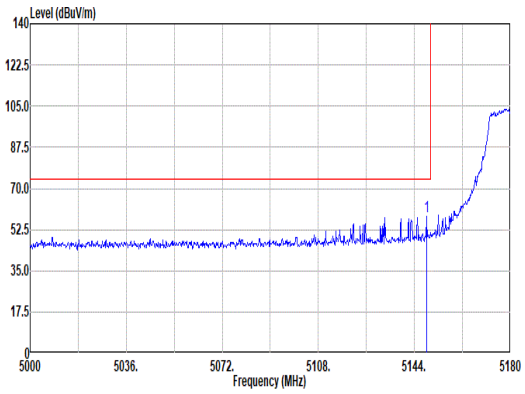
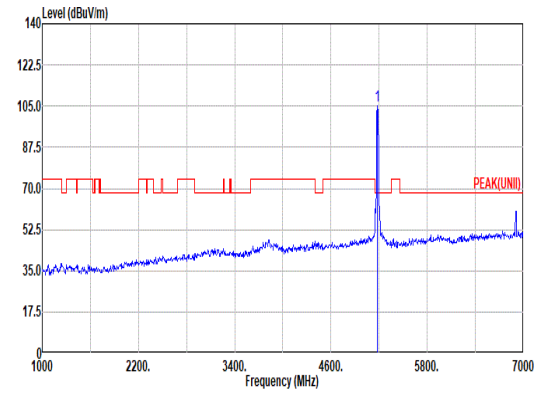
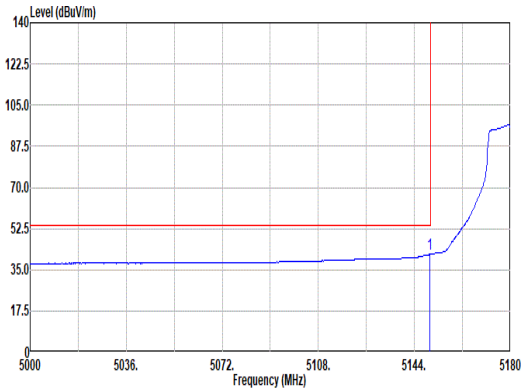
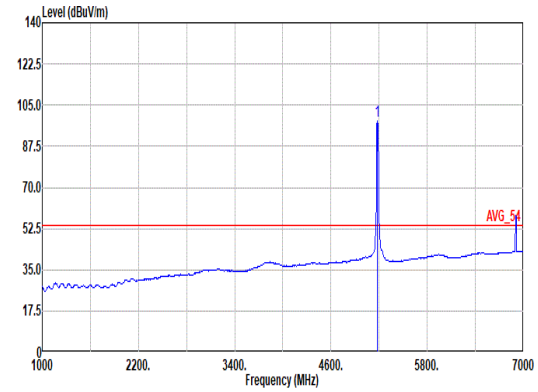
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	1	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	1	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	1	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	1	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	1	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	1	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	1	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	1	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	1	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-2A	5.25-5.35	1	802.11a	52	5260	6Mbps	-	-
Mode 11	U-NII-2A	5.25-5.35	1	802.11a	60	5300	6Mbps	-	-
Mode 12	U-NII-2A	5.25-5.35	1	802.11a	64	5320	6Mbps	-	-
Mode 13	U-NII-2A	5.25-5.35	1	802.11n HT20	52	5260	MCS0	-	-
Mode 14	U-NII-2A	5.25-5.35	1	802.11n HT20	60	5300	MCS0	-	-
Mode 15	U-NII-2A	5.25-5.35	1	802.11n HT20	64	5320	MCS0	-	-
Mode 16	U-NII-2A	5.25-5.35	1	802.11n HT40	54	5270	MCS0	-	-
Mode 17	U-NII-2A	5.25-5.35	1	802.11n HT40	62	5310	MCS0	-	-
Mode 18	U-NII-2A	5.25-5.35	1	802.11ac VHT80	58	5290	MCS0	-	-
Mode 19	U-NII-2A	5.25-5.35	1	802.11n HT20	52	5260	MCS0	-	LF
Mode 20	U-NII-2A	5.25-5.35	1	802.11n HT20	52	5260	MCS0	-	SHF

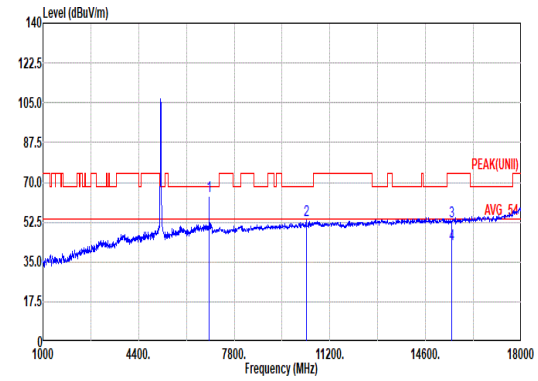
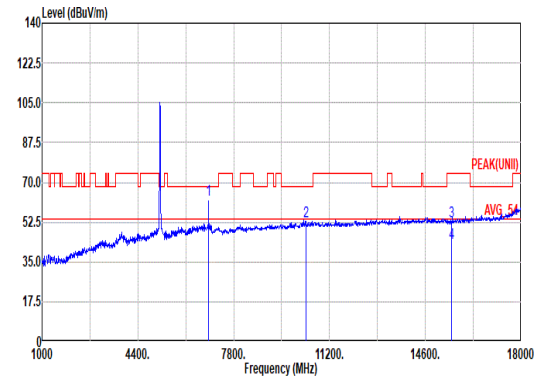
C2. Summary of each worse mode

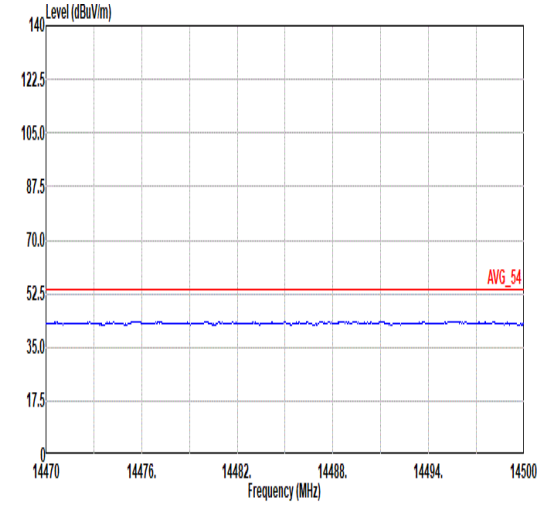
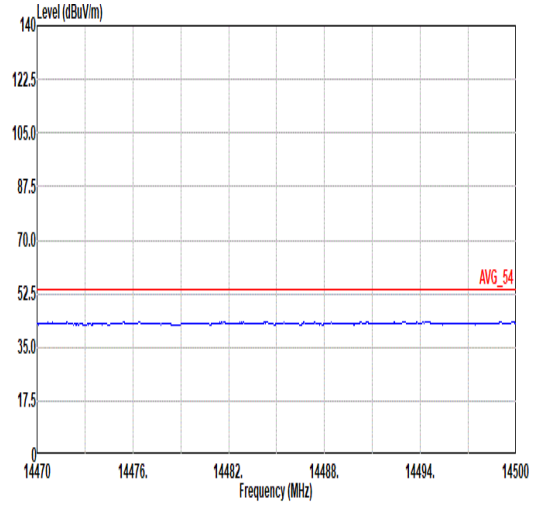
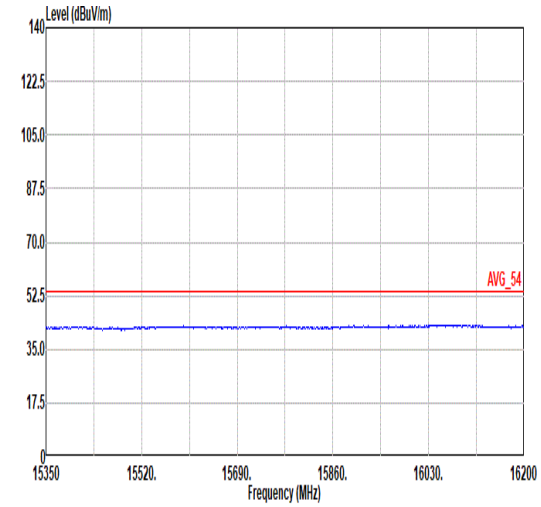
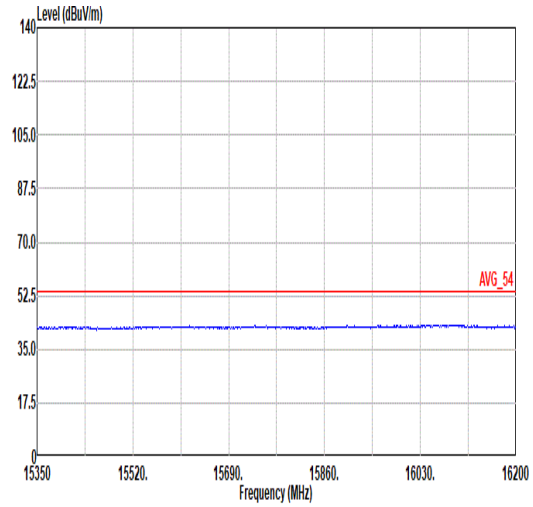
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.94	43.13	54.00	-10.87	H	Avg.	Pass	-	Band Edge
	802.11a	36	6906.67	63.97	68.20	-4.23	H	Peak	Pass	-	Harmonic
2	802.11a	44	5149.16	39.41	54.00	-14.59	H	Avg.	Pass	-	Band Edge
	802.11a	44	6960.00	66.43	68.20	-1.77	H	Peak	Pass	-	Harmonic
3	802.11a	48	5150.00	38.59	54.00	-15.41	H	Avg.	Pass	-	Band Edge
	802.11a	48	6986.67	66.62	68.20	-1.58	H	Peak	Pass	-	Harmonic
4	802.11n HT20	36	5149.94	41.82	54.00	-12.18	H	Avg.	Pass	-	Band Edge
	802.11n HT20	36	6906.67	63.38	68.20	-4.82	H	Peak	Pass	-	Harmonic
5	802.11n HT20	44	5149.82	39.10	54.00	-14.90	H	Avg.	Pass	-	Band Edge
	802.11n HT20	44	6960.00	65.96	68.20	-2.24	H	Peak	Pass	-	Harmonic
6	802.11n HT20	48	5149.04	38.34	54.00	-15.66	H	Avg.	Pass	-	Band Edge
	802.11n HT20	48	6986.67	65.26	68.20	-2.94	H	Peak	Pass	-	Harmonic
7	802.11n HT40	38	5149.91	45.51	54.00	-8.49	H	Avg.	Pass	-	Band Edge
	802.11n HT40	38	6920.00	62.17	68.20	-6.03	H	Peak	Pass	-	Harmonic
8	802.11n HT40	46	5149.50	40.82	54.00	-13.18	H	Avg.	Pass	-	Band Edge
	802.11n HT40	46	6973.50	66.38	68.20	-1.82	H	Peak	Pass	-	Harmonic
9	802.11ac VHT80	42	5146.58	42.42	54.00	-11.58	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	6946.80	66.11	68.20	-2.09	H	Peak	Pass	-	Harmonic
10	802.11a	52	5350.20	38.68	54.00	-15.32	V	Avg.	Pass	-	Band Edge
	802.11a	52	7013.33	66.13	68.20	-2.07	H	Peak	Pass	-	Harmonic
11	802.11a	60	5357.60	43.34	54.00	-10.66	V	Avg.	Pass	-	Band Edge
	802.11a	60	7066.67	63.52	68.20	-4.68	H	Peak	Pass	-	Harmonic
12	802.11a	64	5350.10	44.28	54.00	-9.72	H	Avg.	Pass	-	Band Edge
	802.11a	64	7093.33	63.33	68.20	-4.87	H	Peak	Pass	-	Harmonic
13	802.11n HT20	52	5140.66	37.95	54.00	-16.05	H	Avg.	Pass	-	Band Edge
	802.11n HT20	52	7013.33	66.67	68.20	-1.53	H	Peak	Pass	-	Harmonic
14	802.11n HT20	60	5357.76	43.99	54.00	-10.01	H	Avg.	Pass	-	Band Edge
	802.11n HT20	60	7066.80	64.67	68.20	-3.53	H	Peak	Pass	-	Harmonic
15	802.11n HT20	64	5358.22	47.59	54.00	-6.41	H	Avg.	Pass	-	Band Edge
	802.11n HT20	64	7093.50	62.60	68.20	-5.60	H	Peak	Pass	-	Harmonic

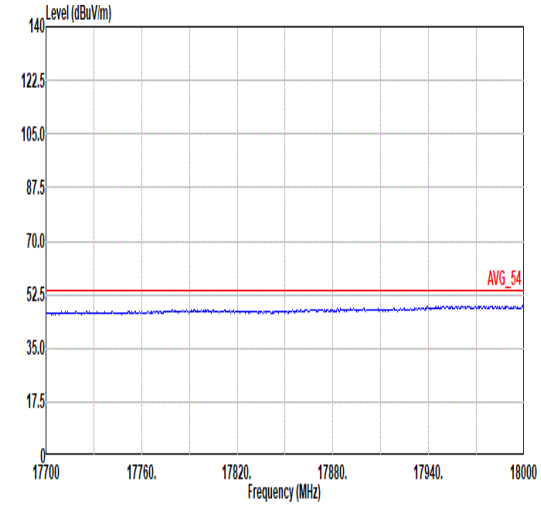
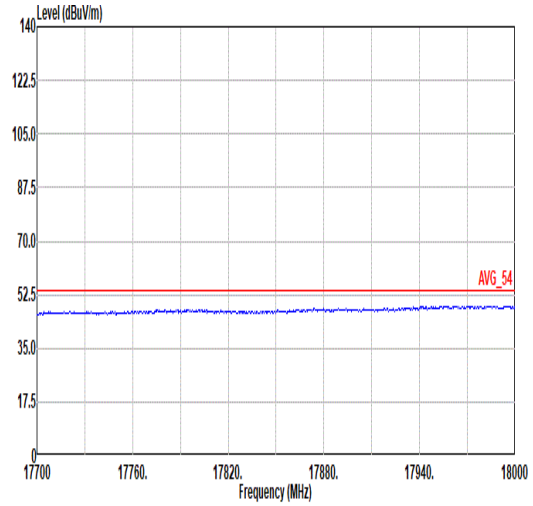
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
16	802.11n HT40	54	5351.13	42.32	54.00	-11.68	H	Avg.	Pass	-	Band Edge
	802.11n HT40	54	7026.60	66.02	68.20	-2.18	H	Peak	Pass	-	Harmonic
17	802.11n HT40	62	5367.60	46.28	54.00	-7.72	H	Avg.	Pass	-	Band Edge
	802.11n HT40	62	7080.00	63.47	68.20	-4.73	H	Peak	Pass	-	Harmonic
18	802.11ac VHT80	58	5351.20	44.78	54.00	-9.22	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	7053.50	63.95	68.20	-4.25	H	Peak	Pass	-	Harmonic
19	LF	52	558.65	38.93	46.00	-7.07	H	Peak	Pass	-	LF
20	SHF	52	39461.00	43.47	54.00	-10.53	H	Avg.	Pass	-	SHF

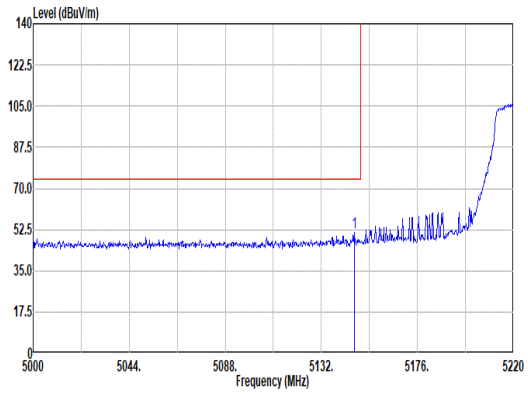
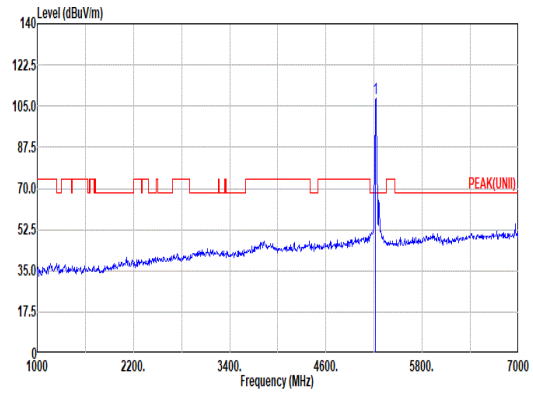
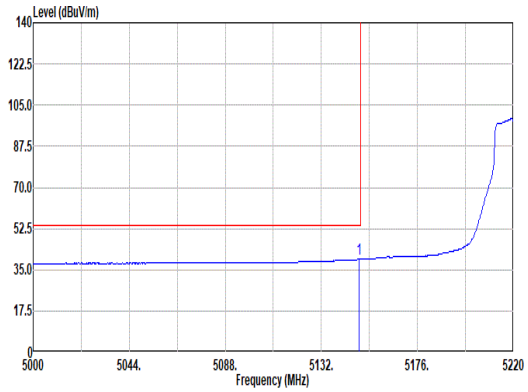
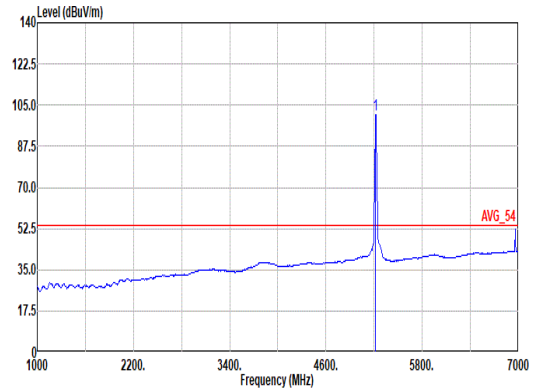
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5141.48 60.00 74.00 -14.00 51.56 33.28 12.90 37.74 0.00 100 288 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5180.00 106.67 ------ ------ 98.51 32.98 12.94 37.76 0.00 100 288 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5149.94 43.13 54.00 -10.87 34.66 33.30 12.91 37.74 0.00 100 288 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5180.00 99.92 ------ ------ 91.76 32.98 12.94 37.76 0.00 100 288 AVERAGE

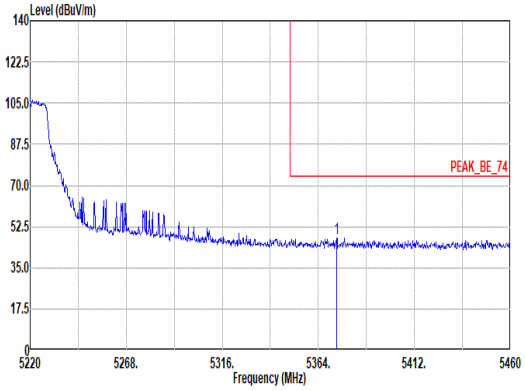
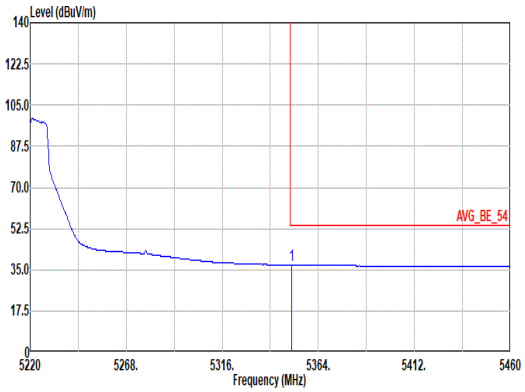
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.50 57.92 74.00 -16.08 49.45 33.30 12.91 37.74 0.00 100 267 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 104.88 ------ ------ 96.65 33.04 12.94 37.75 0.00 100 267 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 41.60 54.00 -12.40 33.13 33.30 12.91 37.74 0.00 100 267 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 98.41 ------ ------ 90.18 33.04 12.94 37.75 0.00 100 267 AVERAGE

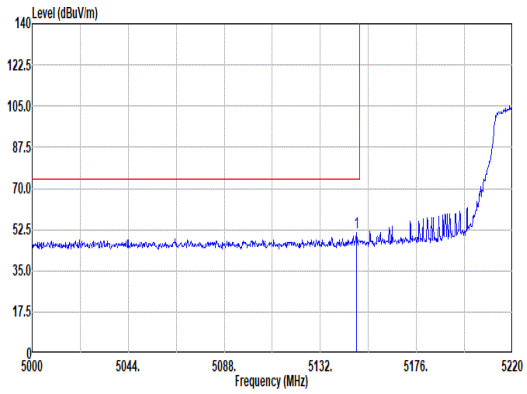
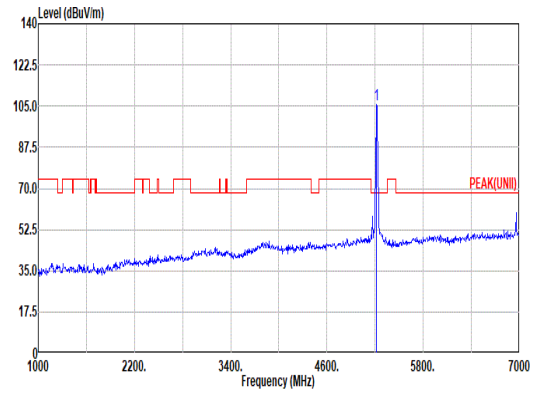
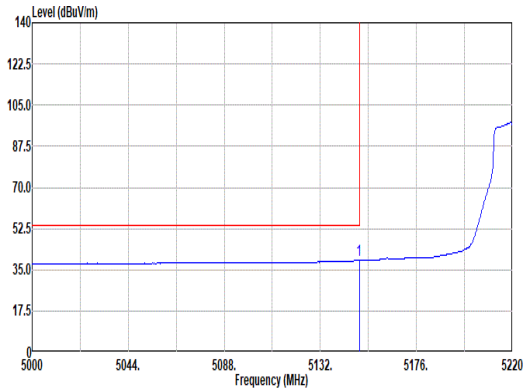
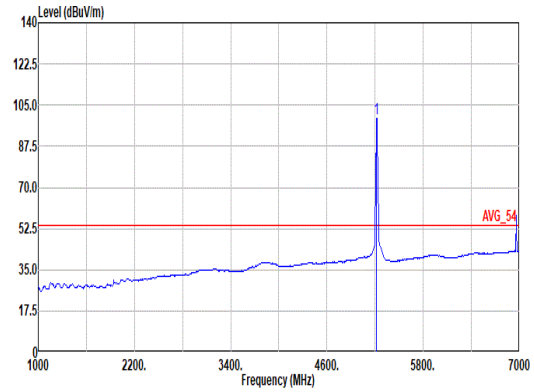
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6906.67 63.97 68.20 -4.23 51.29 35.80 15.04 38.16 0.00 107 333 Peak 2 10360.00 53.10 68.20 -15.10 36.34 38.80 18.44 41.36 0.88 -- -- PEAK 3 15540.00 52.91 74.00 -21.09 34.74 39.08 22.81 44.61 0.89 400 348 PEAK 4 15540.00 43.04 54.00 -10.96 24.87 39.08 22.81 44.61 0.89 400 348 Average	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6906.67 62.42 68.20 -5.78 49.74 35.80 15.04 38.16 0.00 100 266 Peak 2 10360.00 53.08 68.20 -15.12 36.32 38.80 18.44 41.36 0.88 -- -- PEAK 3 15540.00 52.93 74.00 -21.07 34.76 39.08 22.81 44.61 0.89 103 303 PEAK 4 15540.00 43.31 54.00 -10.69 25.14 39.08 22.81 44.61 0.89 103 303 Average

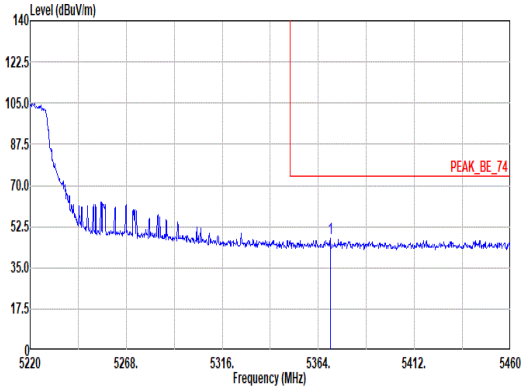
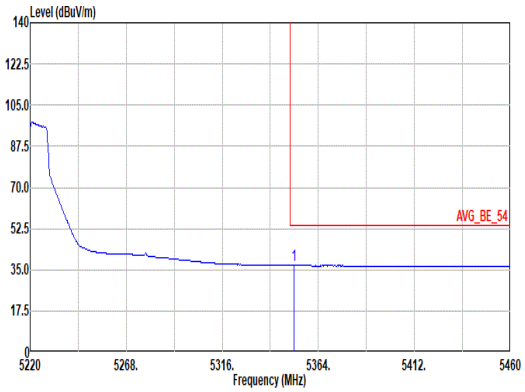
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

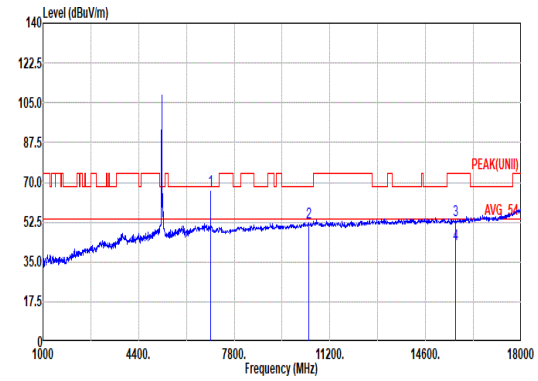
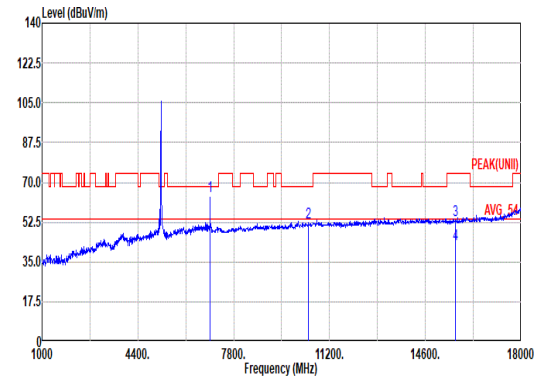
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
17.7G ~18G Avg.		

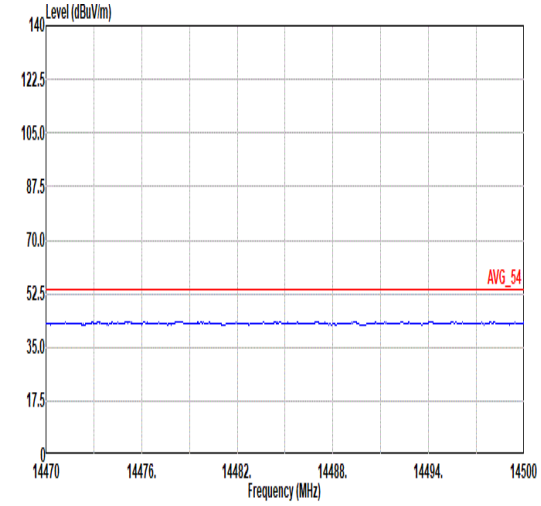
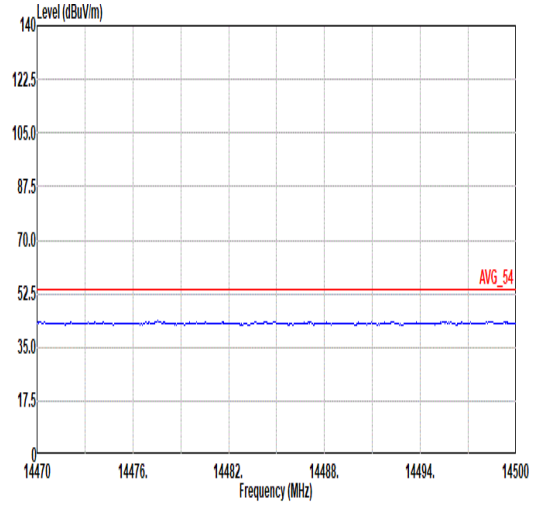
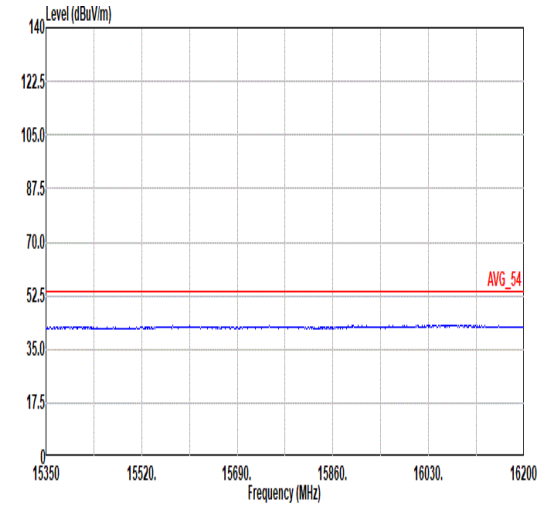
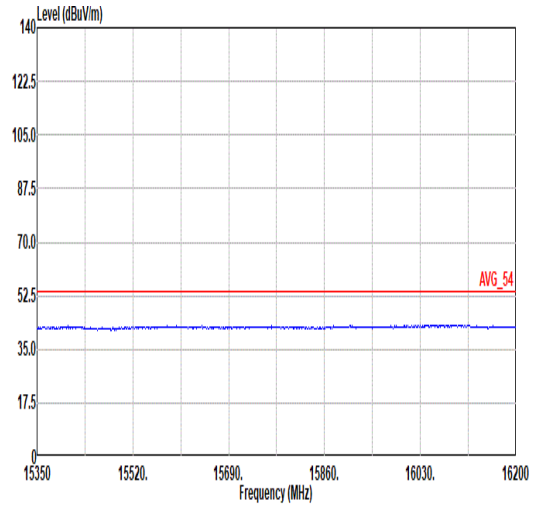
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.18 51.41 74.00 -22.59 42.95 33.29 12.91 37.74 0.00 100 287 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 108.37 ------ ------ 100.30 32.85 13.00 37.78 0.00 100 287 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.16 39.41 54.00 -14.59 30.94 33.30 12.91 37.74 0.00 100 287 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 101.12 ------ ------ 93.05 32.85 13.00 37.78 0.00 100 287 AVERAGE

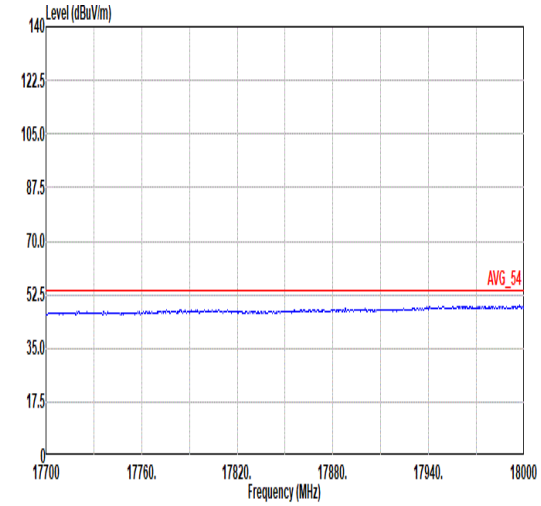
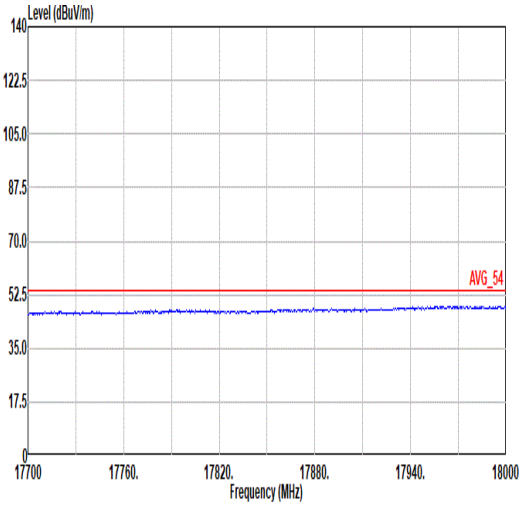
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5373.12 47.33 74.00 -26.67 38.86 33.10 13.22 37.85 0.00 100 287 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.56 37.04 54.00 -16.96 28.59 33.10 13.19 37.84 0.00 100 287 AVERAGE	Blank

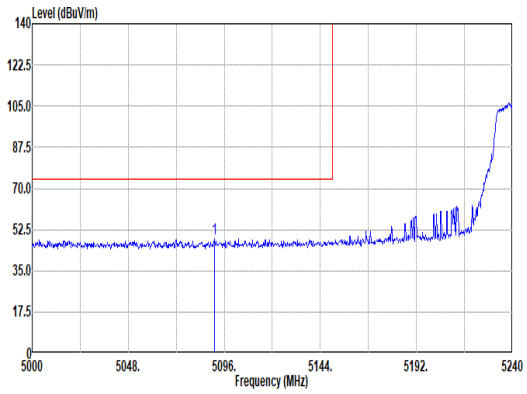
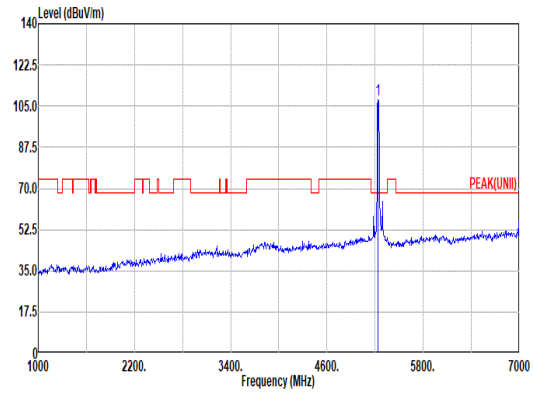
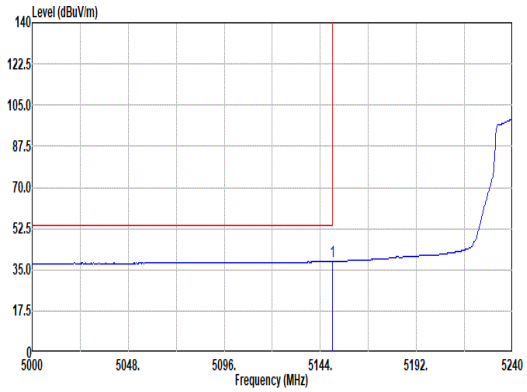
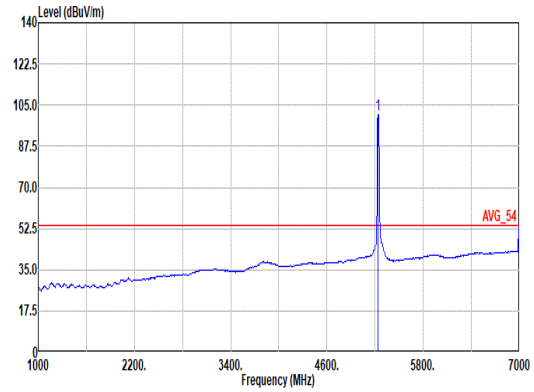
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.72 51.15 74.00 -22.85 42.68 33.30 12.91 37.74 0.00 100 262 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 105.84 ------ ------ 97.78 32.84 12.99 37.77 0.00 100 262 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.82 38.93 54.00 -15.07 30.46 33.30 12.91 37.74 0.00 100 262 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 99.40 ------ ------ 91.33 32.85 13.00 37.78 0.00 100 262 AVERAGE

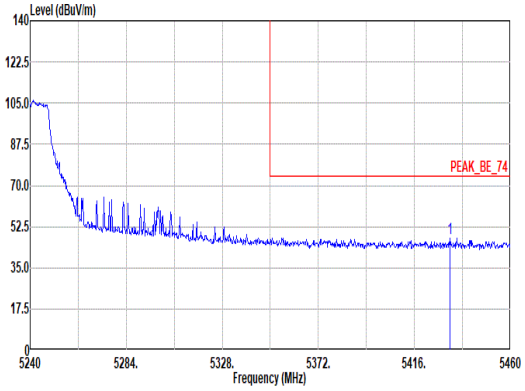
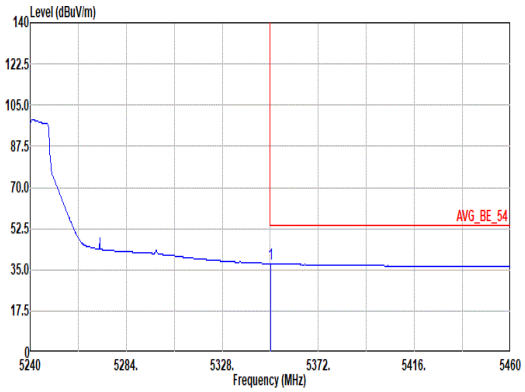
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5370.00 47.49 74.00 -26.51 39.02 33.10 13.22 37.85 0.00 100 262 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.76 36.84 54.00 -17.16 28.39 33.10 13.19 37.84 0.00 100 262 AVERAGE	Blank

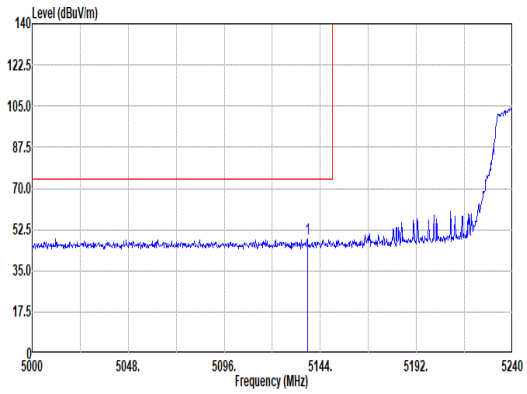
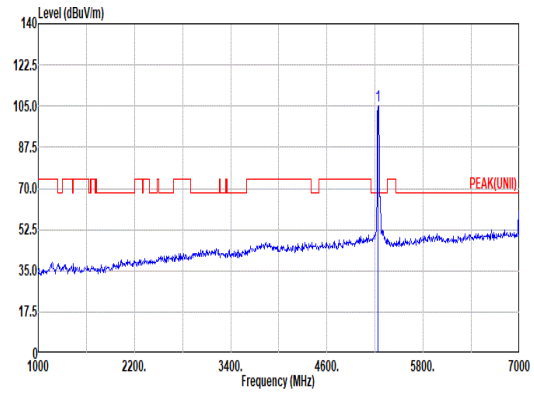
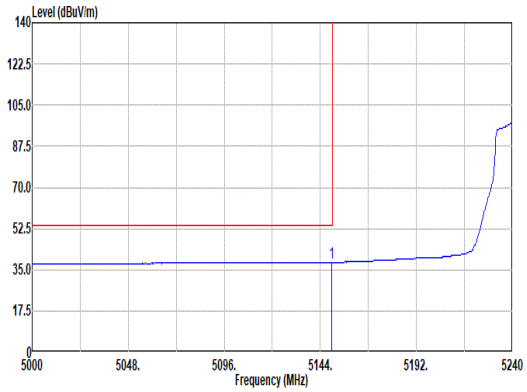
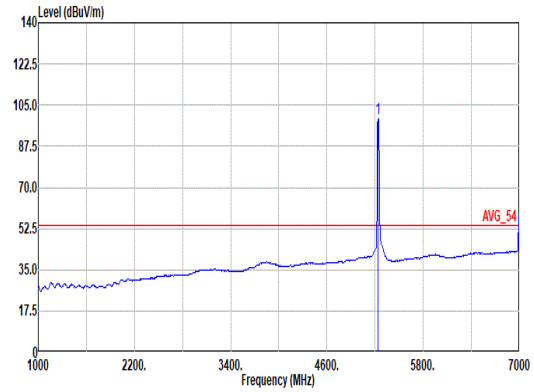
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6960.00	66.43	68.20	-1.77	53.69	35.84	15.09	38.19	0.00	106	328	Peak
2	10440.00	52.45	68.20	-15.75	35.72	38.72	18.51	41.39	0.89	--	--	PEAK
3	15660.00	53.11	74.00	-20.89	34.89	38.90	22.91	44.51	0.92	300	70	PEAK
4	15660.00	43.01	54.00	-10.99	24.79	38.90	22.91	44.51	0.92	300	70	Average
	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6960.00	63.90	68.20	-4.30	51.16	35.84	15.09	38.19	0.00	100	252	Peak
2	10440.00	52.30	68.20	-15.90	35.57	38.72	18.51	41.39	0.89	--	--	PEAK
3	15660.00	53.17	74.00	-20.83	34.95	38.90	22.91	44.51	0.92	200	233	PEAK
4	15660.00	43.02	54.00	-10.98	24.80	38.90	22.91	44.51	0.92	200	233	Average

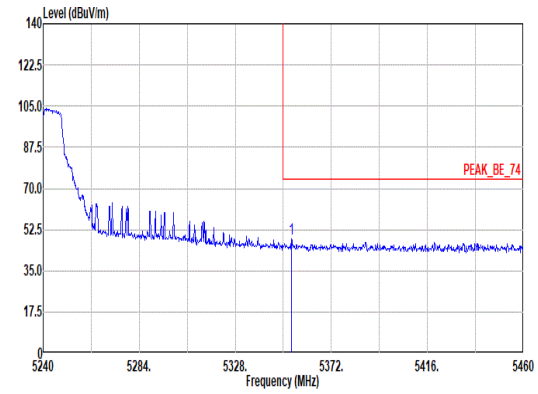
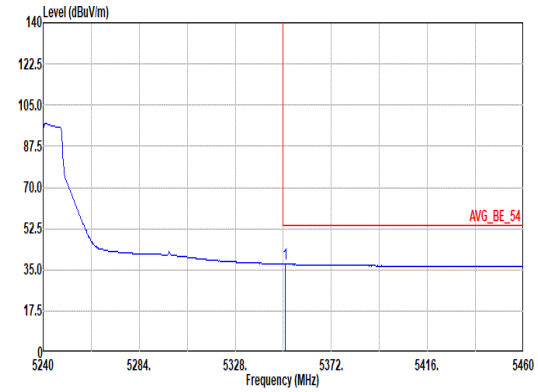
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

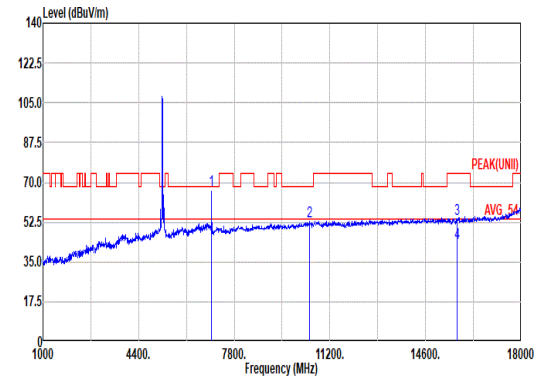
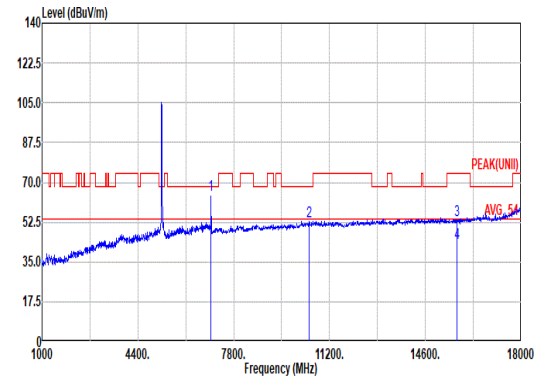
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
17.7G ~18G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

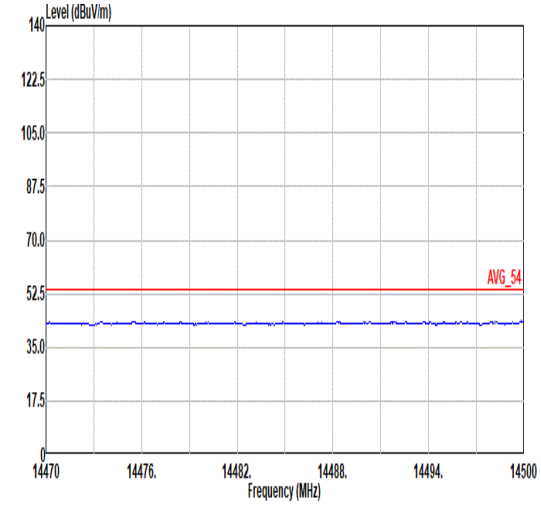
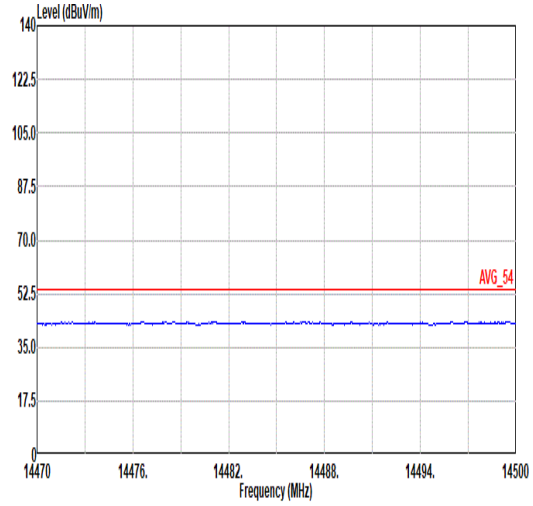
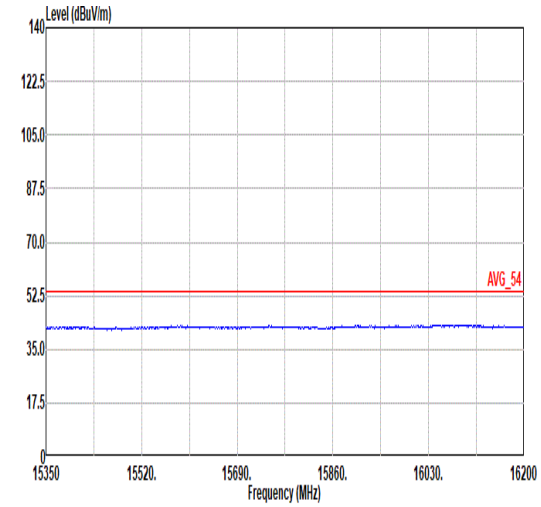
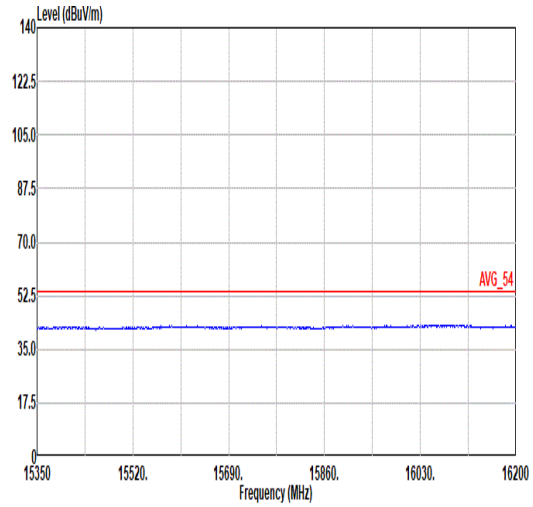
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5090.96 48.54 74.00 -25.46 40.17 33.22 12.86 37.71 0.00 100 287 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 108.02 ------ ------ 99.92 32.87 13.01 37.78 0.00 100 287 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5150.00 38.59 54.00 -15.41 30.12 33.30 12.91 37.74 0.00 100 287 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 100.91 ------ ------ 92.80 32.88 13.02 37.79 0.00 100 287 AVERAGE

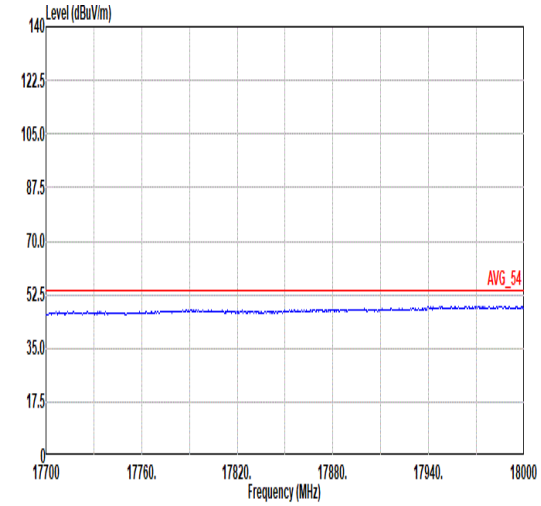
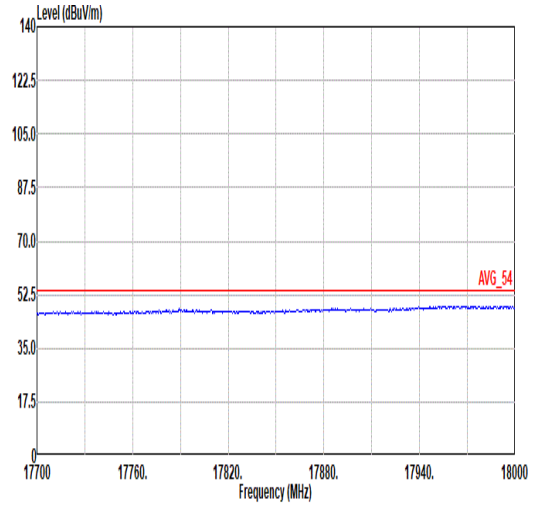
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5432.28 47.71 74.00 -26.29 39.25 33.04 13.30 37.88 0.00 100 287 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.22 37.61 54.00 -16.39 29.16 33.10 13.19 37.84 0.00 100 287 AVERAGE	Blank

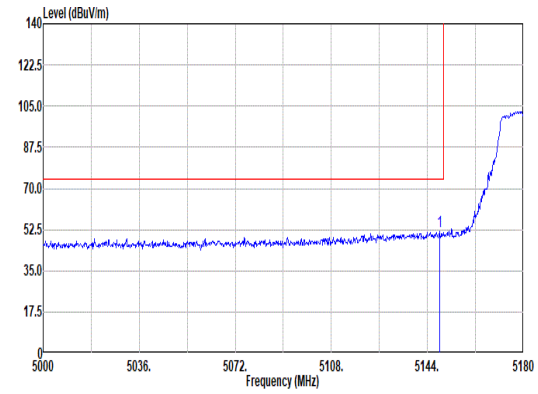
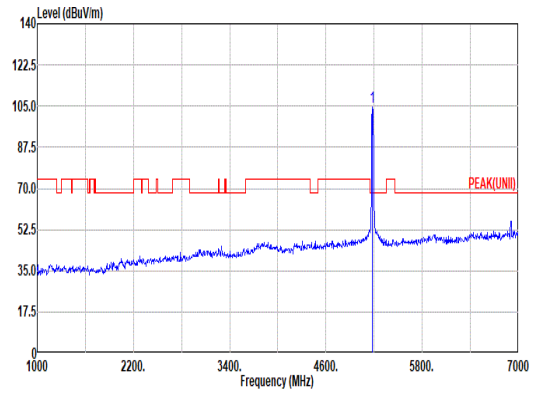
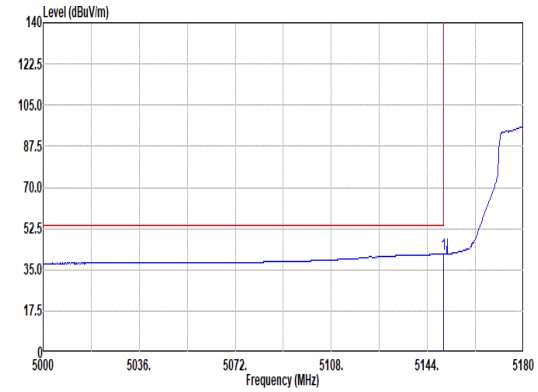
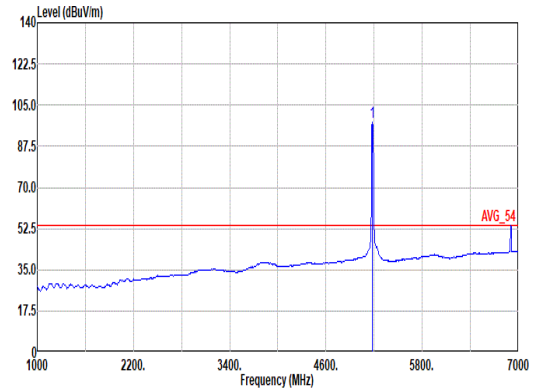
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5137.52 48.71 74.00 -25.29 40.27 33.28 12.90 37.74 0.00 103 261 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 104.97 ------ ------ 96.86 32.88 13.02 37.79 0.00 103 261 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 38.25 54.00 -15.75 29.78 33.30 12.91 37.74 0.00 103 261 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 99.16 ------ ------ 91.05 32.88 13.02 37.79 0.00 103 261 AVERAGE

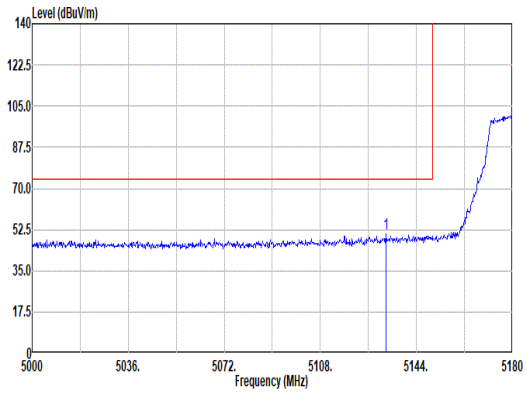
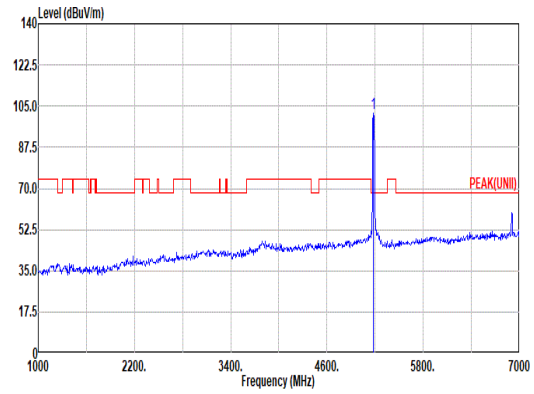
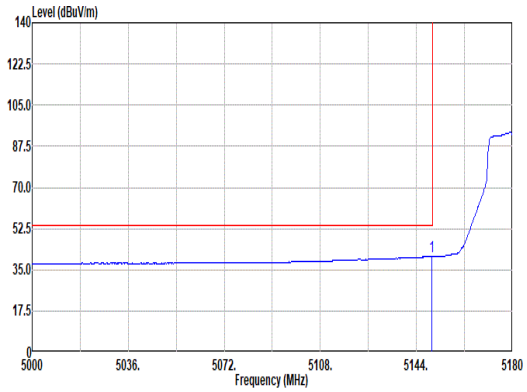
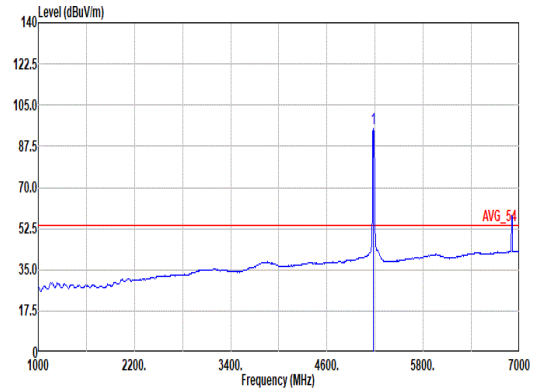
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.74 48.35 74.00 -25.65 39.90 33.10 13.19 37.84 0.00 103 261 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.88 37.36 54.00 -16.64 28.91 33.10 13.19 37.84 0.00 103 261 AVERAGE	Blank

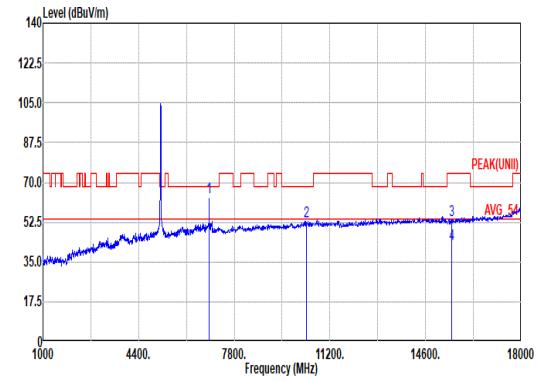
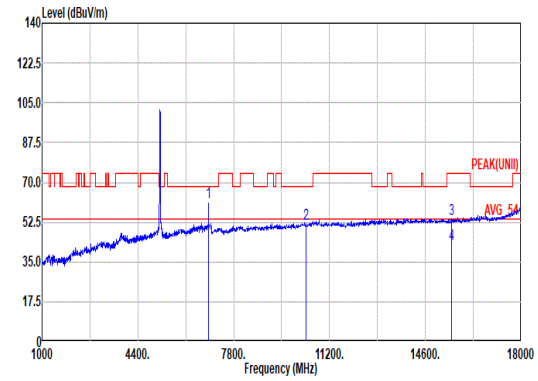
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6986.67 66.62 68.20 -1.58 53.76 35.95 15.11 38.20 0.00 103 328 Peak 2 10480.00 53.05 68.20 -15.15 36.38 38.64 18.55 41.41 0.89 -- -- PEAK 3 15720.00 54.04 74.00 -19.96 35.67 38.94 22.96 44.46 0.93 300 359 PEAK 4 15720.00 43.13 54.00 -10.87 24.76 38.94 22.96 44.46 0.93 300 359 Average	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6988.00 64.53 68.20 -3.67 51.67 35.95 15.11 38.20 0.00 107 256 Peak 2 10480.00 52.86 68.20 -15.34 36.19 38.64 18.55 41.41 0.89 -- -- PEAK 3 15720.00 53.14 74.00 -20.86 34.77 38.94 22.96 44.46 0.93 300 148 PEAK 4 15720.00 43.07 54.00 -10.93 24.70 38.94 22.96 44.46 0.93 300 148 Average

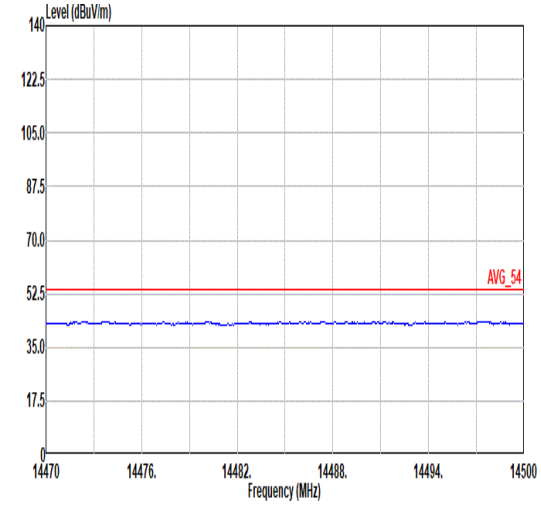
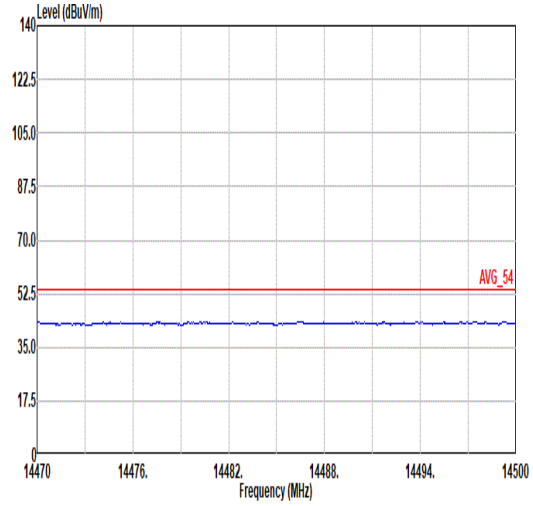
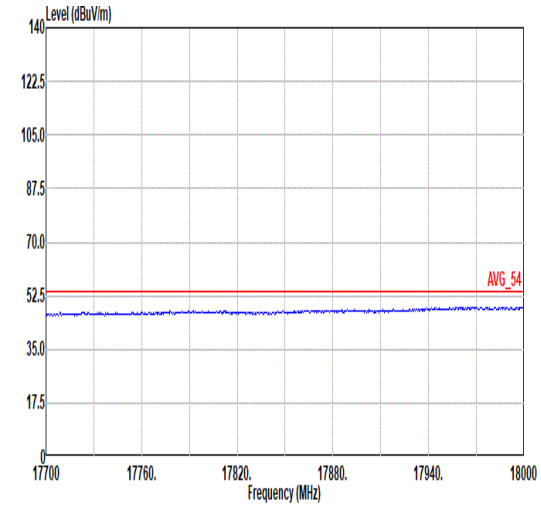
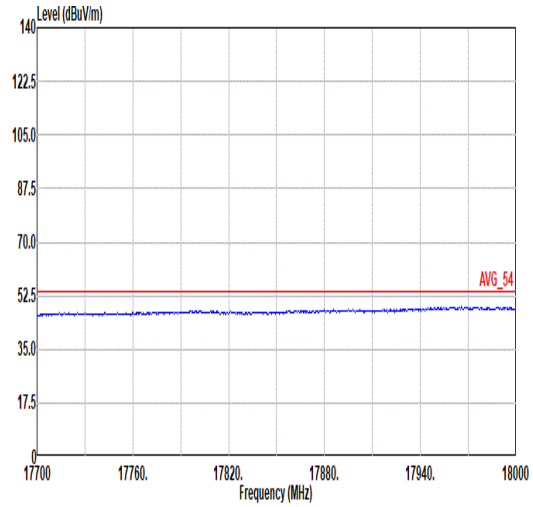
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

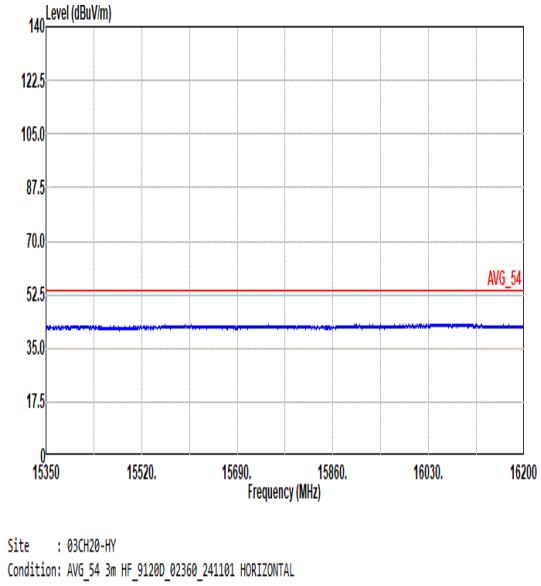
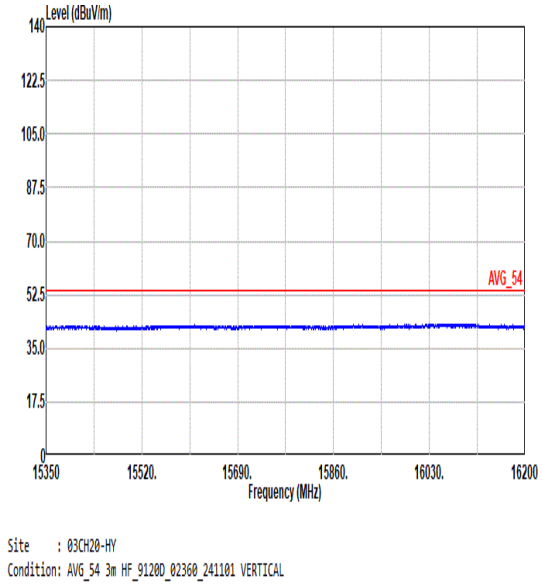
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
17.7G ~18G Avg.		

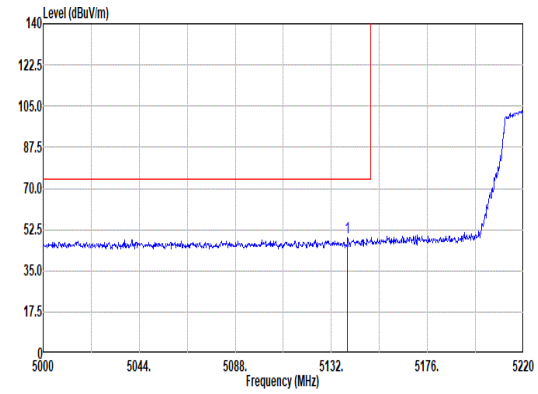
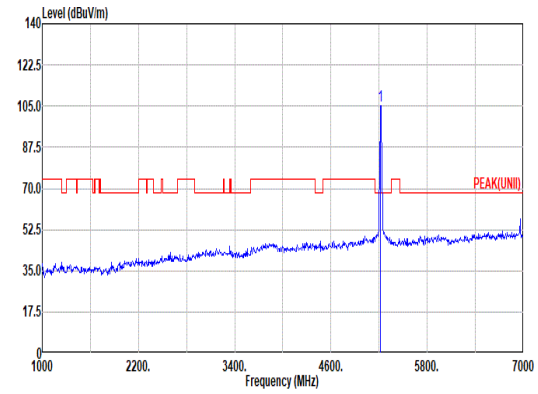
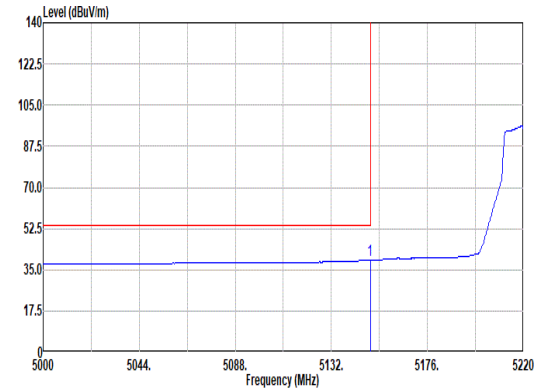
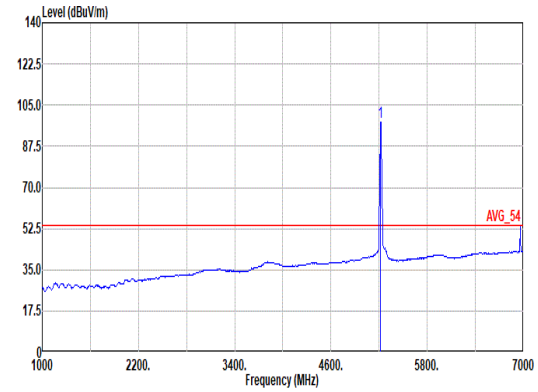
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.50 51.80 74.00 -22.20 43.33 33.30 12.91 37.74 0.00 100 286 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 104.35 ------ ------ 96.19 32.98 12.94 37.76 0.00 100 286 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.94 41.82 54.00 -12.18 33.35 33.30 12.91 37.74 0.00 100 286 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 97.81 ------ ------ 89.65 32.98 12.94 37.76 0.00 100 286 AVERAGE

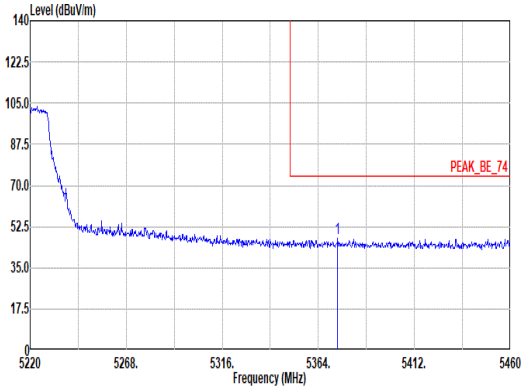
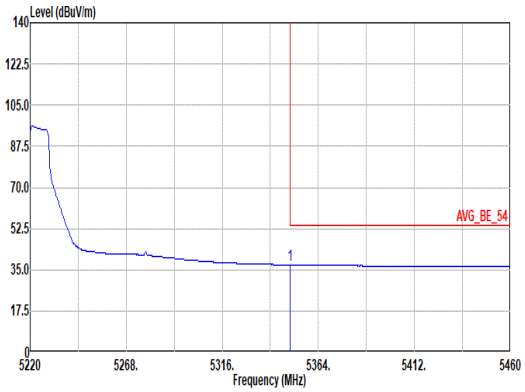
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5132.48 50.70 74.00 -23.30 42.27 33.26 12.90 37.73 0.00 113 263 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 101.93 ------ ------ 93.70 33.04 12.94 37.75 0.00 113 263 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 40.65 54.00 -13.35 32.18 33.30 12.91 37.74 0.00 113 263 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 95.35 ------ ------ 87.19 32.98 12.94 37.76 0.00 113 263 AVERAGE

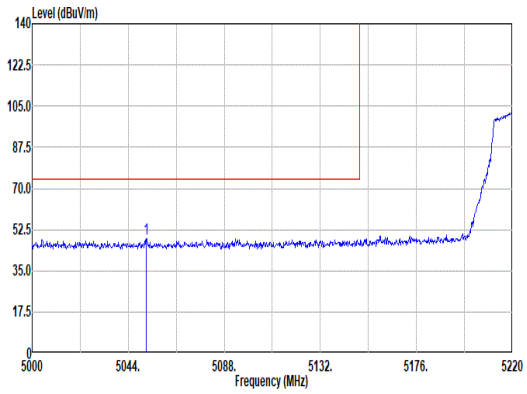
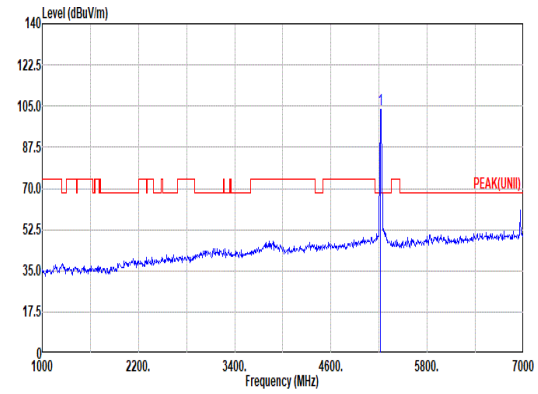
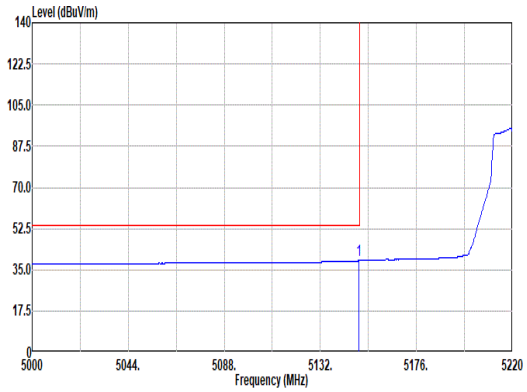
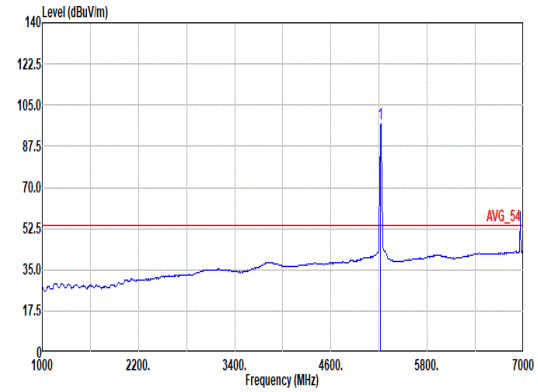
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6906.67 63.38 68.20 -4.82 50.70 35.80 15.04 38.16 0.00 109 322 Peak 2 10360.00 52.96 68.20 -15.24 36.20 38.80 18.44 41.36 0.88 -- -- PEAK 3 15540.00 53.23 74.00 -20.77 35.06 39.08 22.81 44.61 0.89 400 125 PEAK 4 15540.00 42.94 54.00 -11.06 24.77 39.08 22.81 44.61 0.89 400 125 Average	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6906.67 61.34 68.20 -6.86 48.66 35.80 15.04 38.16 0.00 100 265 Peak 2 10360.00 51.62 68.20 -16.58 34.86 38.80 18.44 41.36 0.88 -- -- PEAK 3 15540.00 53.80 74.00 -20.20 35.63 39.08 22.81 44.61 0.89 300 279 PEAK 4 15540.00 42.97 54.00 -11.03 24.80 39.08 22.81 44.61 0.89 300 279 Average

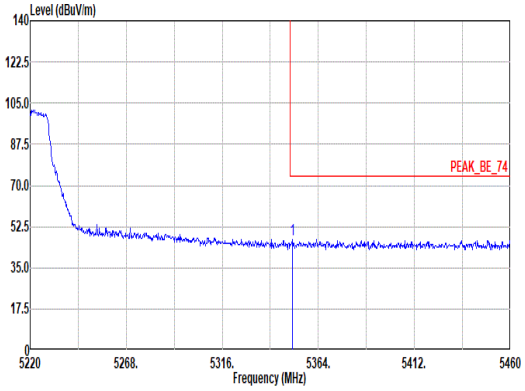
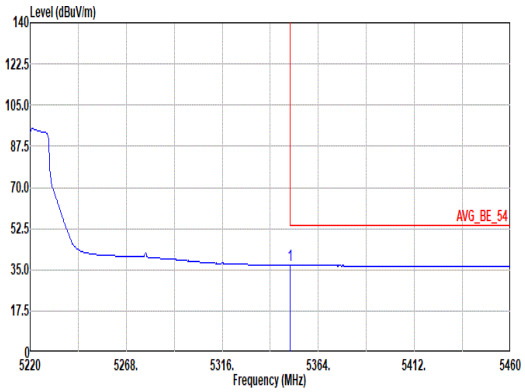
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
17.7G ~18G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

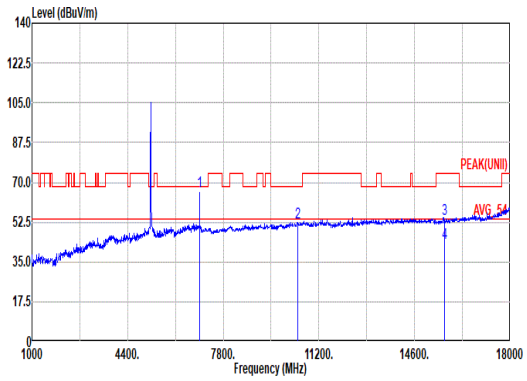
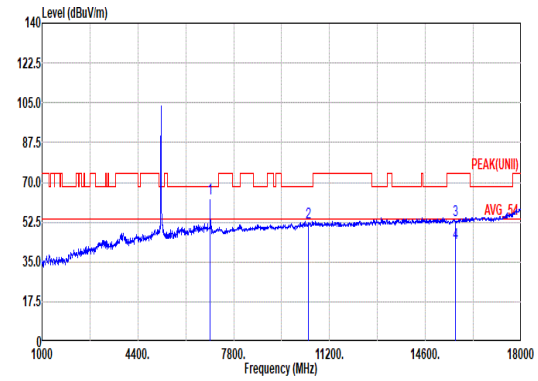
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
15.35G ~16.2G Avg.		

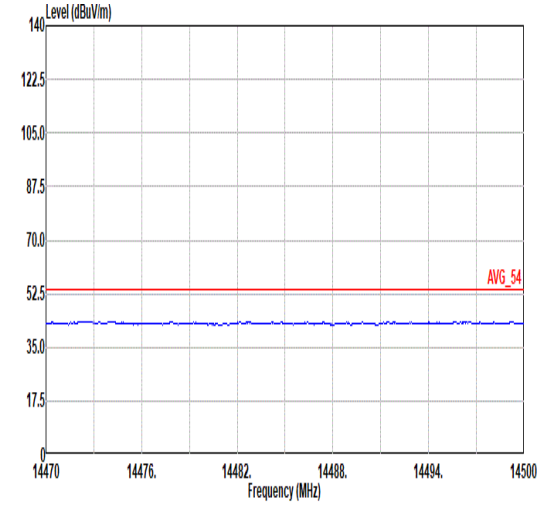
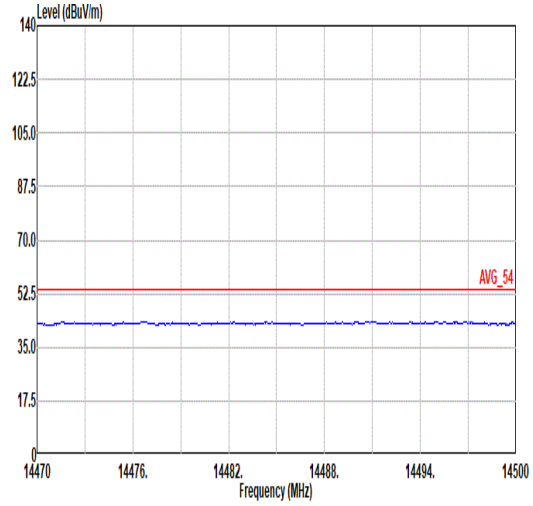
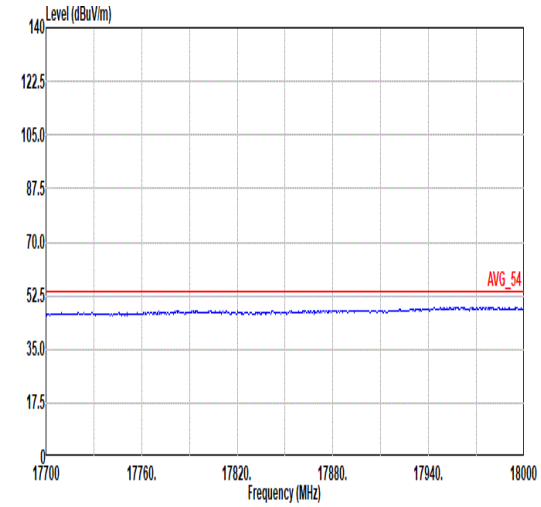
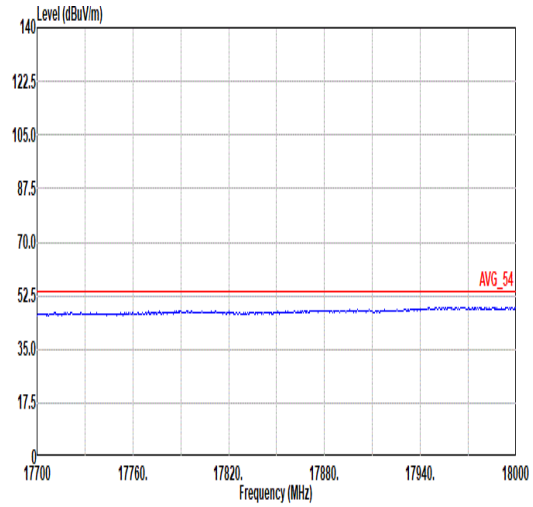
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5139.48 49.07 74.00 -24.93 40.63 33.28 12.90 37.74 0.00 100 283 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 105.08 ------ ------ 97.01 32.85 13.00 37.78 0.00 100 283 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.82 39.10 54.00 -14.90 30.63 33.30 12.91 37.74 0.00 100 283 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 97.95 ------ ------ 89.88 32.85 13.00 37.78 0.00 100 283 AVERAGE

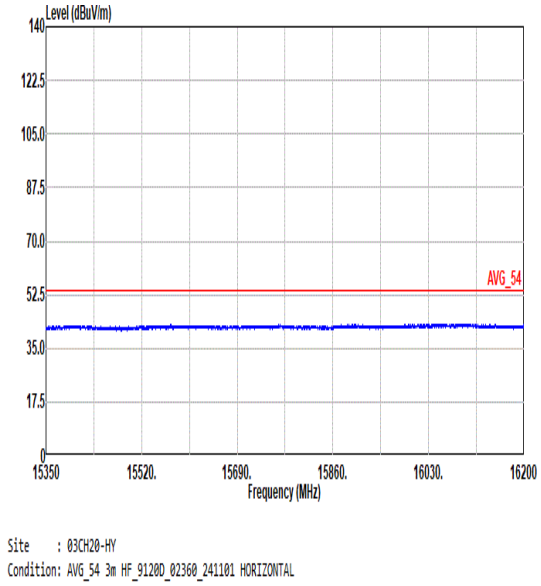
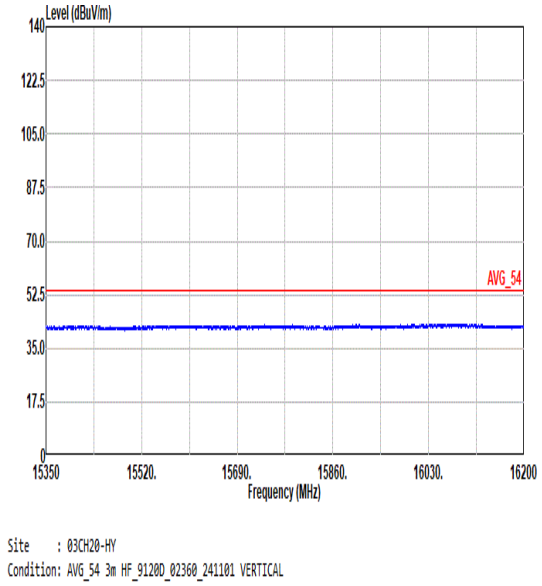
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5373.60 47.61 74.00 -26.39 39.14 33.10 13.22 37.85 0.00 100 283 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.08 37.12 54.00 -16.88 28.67 33.10 13.19 37.84 0.00 100 283 AVERAGE	Blank

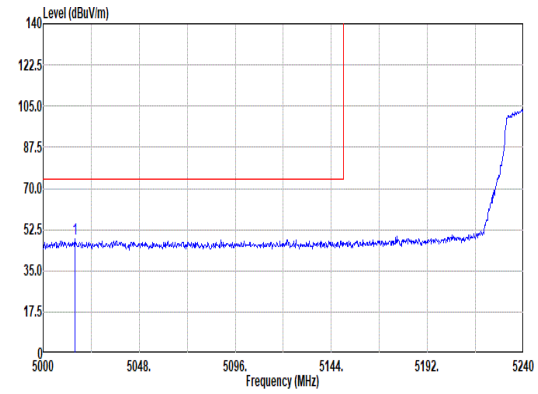
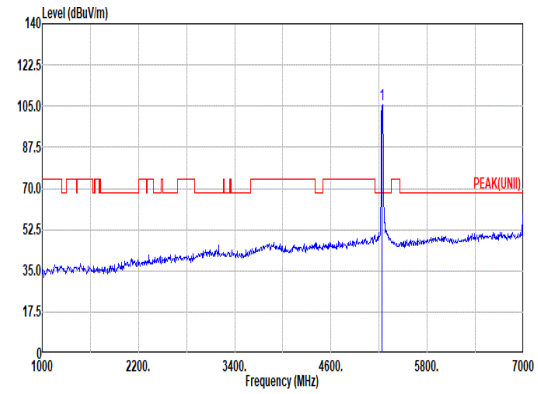
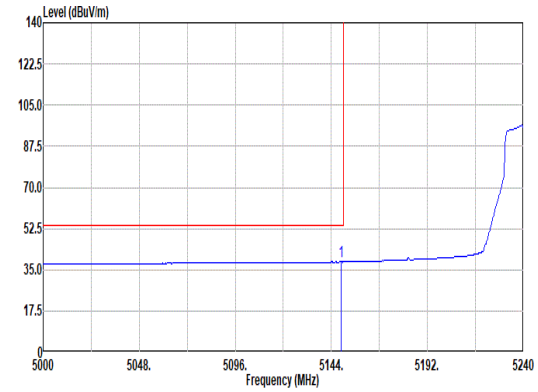
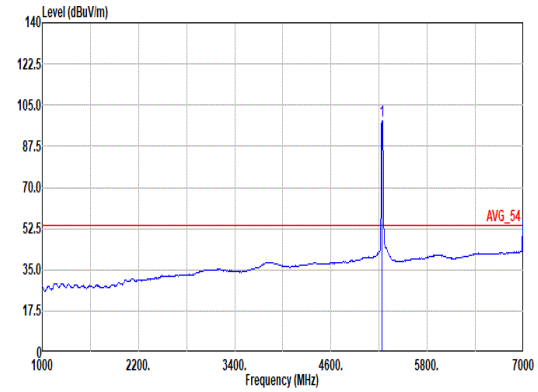
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5052.36 48.53 74.00 -25.47 40.11 33.30 12.82 37.70 0.00 100 262 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 103.36 ------ ------ 95.29 32.85 13.00 37.78 0.00 100 262 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.60 38.86 54.00 -15.14 30.39 33.30 12.91 37.74 0.00 100 262 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 96.97 ------ ------ 88.90 32.85 13.00 37.78 0.00 100 262 AVERAGE

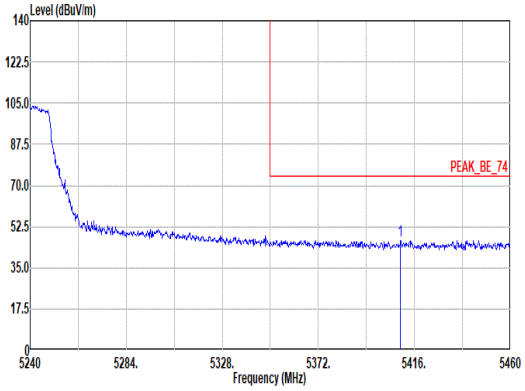
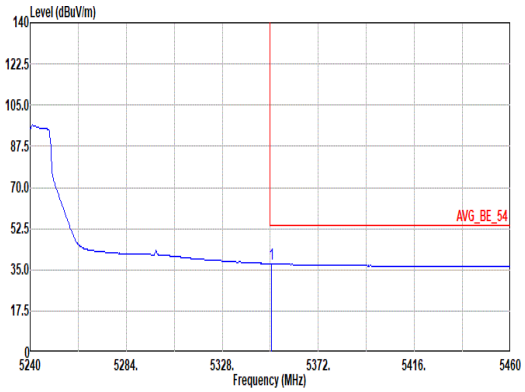
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.04 46.86 74.00 -27.14 38.41 33.10 13.19 37.84 0.00 100 262 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.08 36.95 54.00 -17.05 28.50 33.10 13.19 37.84 0.00 100 262 AVERAGE	Blank

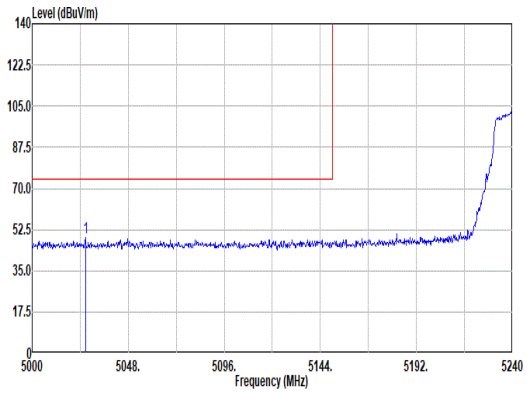
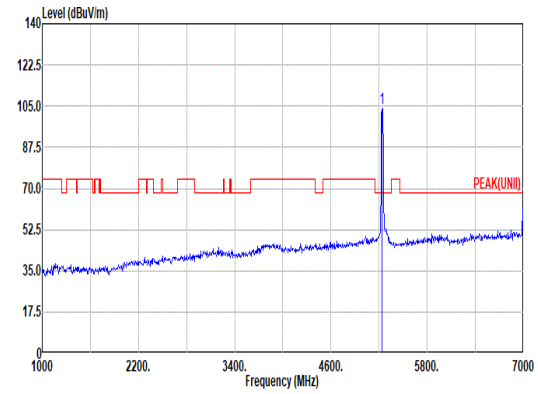
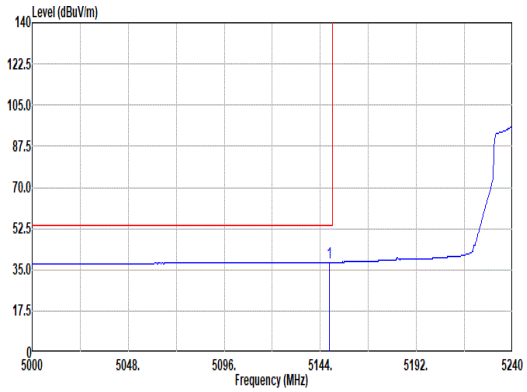
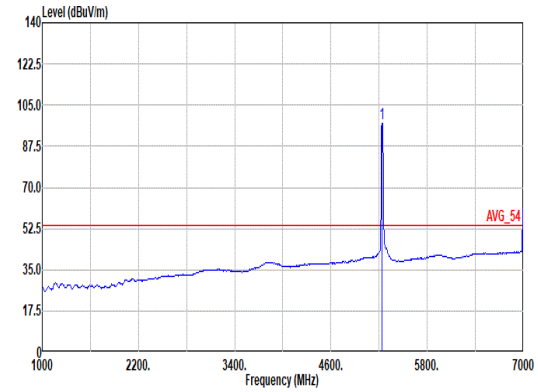
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL 		Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6960.00	65.96	68.20	-2.24	53.22	35.84	15.09	38.19	0.00	105	328	Peak
2	10440.00	52.13	68.20	-16.07	35.40	38.72	18.51	41.39	0.89	--	--	PEAK
3	15660.00	54.14	74.00	-19.86	35.92	38.90	22.91	44.51	0.92	300	138	PEAK
4	15660.00	43.09	54.00	-10.91	24.87	38.90	22.91	44.51	0.92	300	138	Average |  Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6960.00	62.68	68.20	-5.52	49.94	35.84	15.09	38.19	0.00	100	255	Peak
2	10440.00	52.26	68.20	-15.94	35.53	38.72	18.51	41.39	0.89	--	--	PEAK
3	15660.00	53.35	74.00	-20.65	35.13	38.90	22.91	44.51	0.92	100	271	PEAK
4	15660.00	43.16	54.00	-10.84	24.94	38.90	22.91	44.51	0.92	100	271	Average

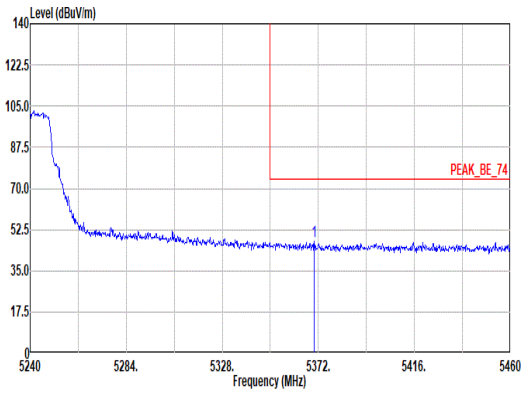
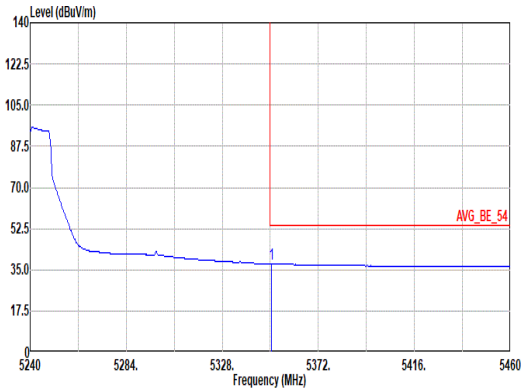
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
17.7G ~18G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

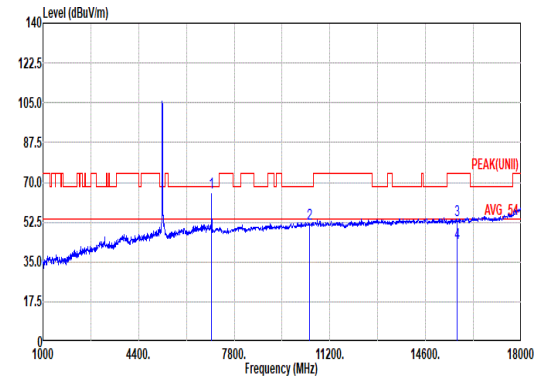
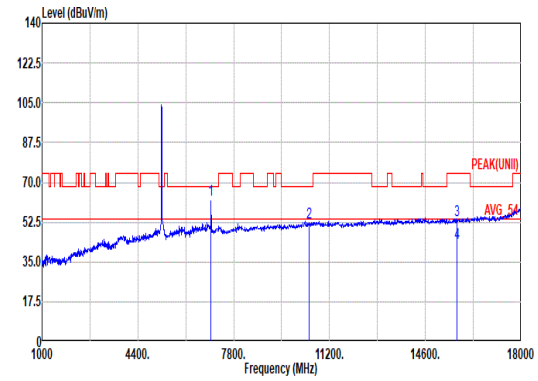
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	1	
15.35G ~16.2G Avg.		

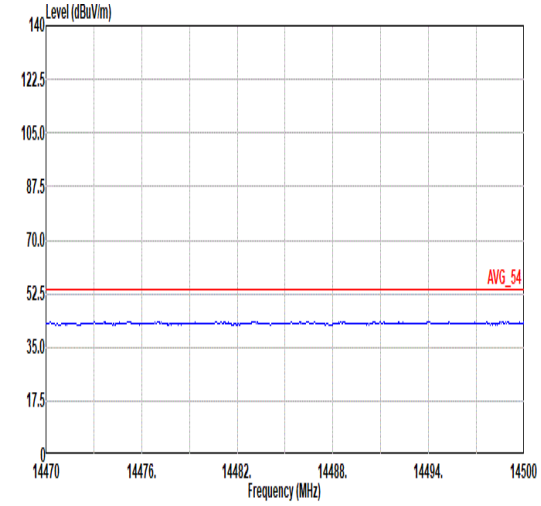
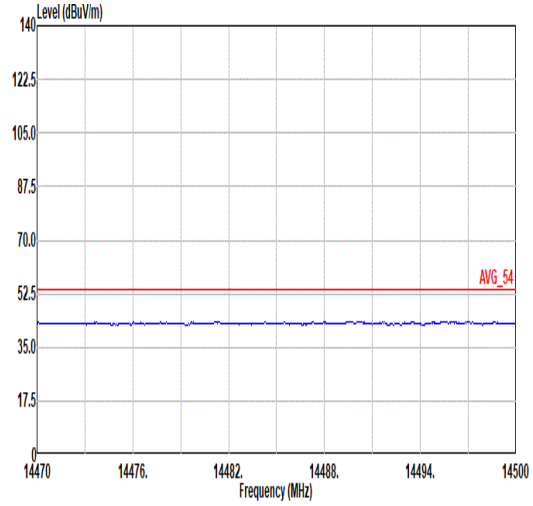
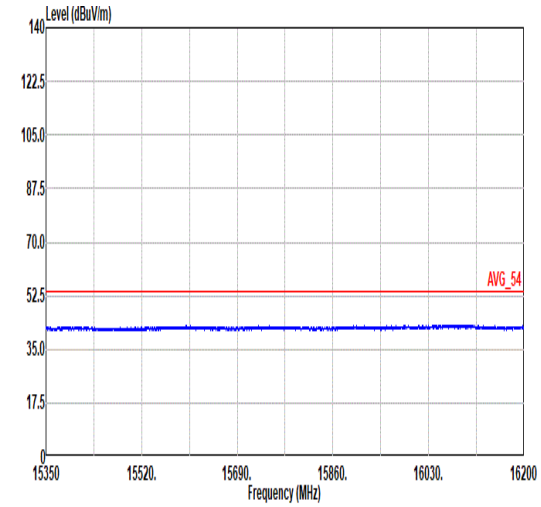
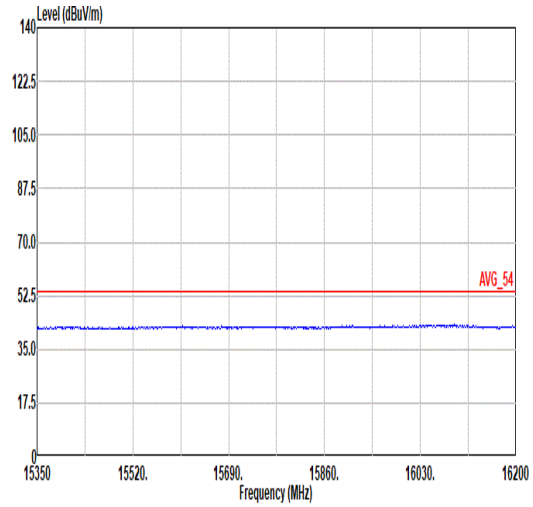
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5016.08 48.47 74.00 -25.53 39.99 33.37 12.79 37.68 0.00 100 278 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 105.64 ------ ------ 97.53 32.88 13.02 37.79 0.00 100 278 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.04 38.34 54.00 -15.66 29.87 33.30 12.91 37.74 0.00 100 278 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 98.41 ------ ------ 90.30 32.88 13.02 37.79 0.00 100 278 AVERAGE

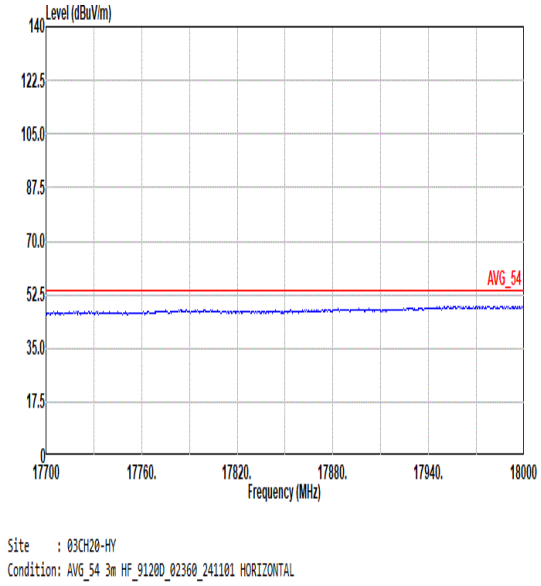
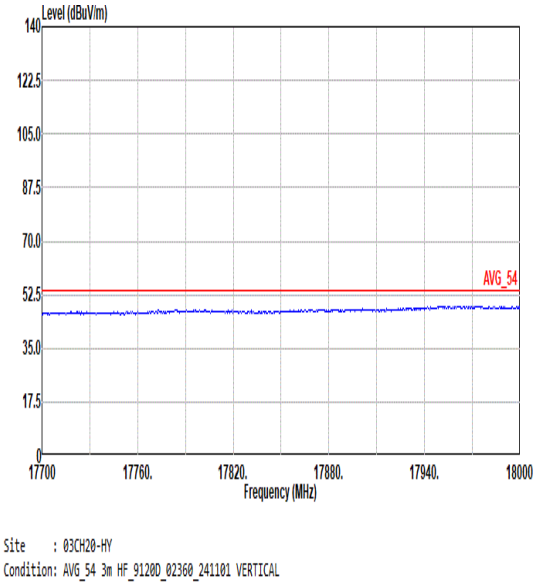
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5409.62 46.68 74.00 -27.32 38.20 33.08 13.27 37.87 0.00 100 278 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.44 37.56 54.00 -16.44 29.11 33.10 13.19 37.84 0.00 100 278 AVERAGE	Blank

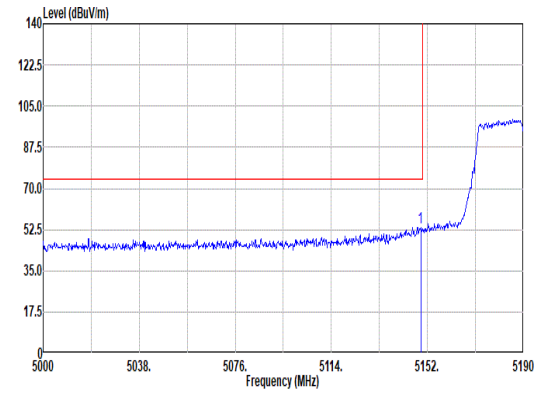
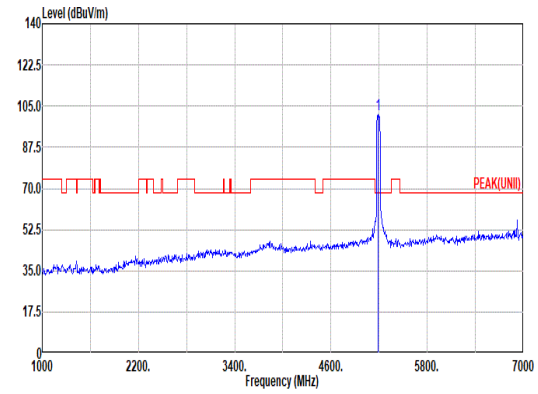
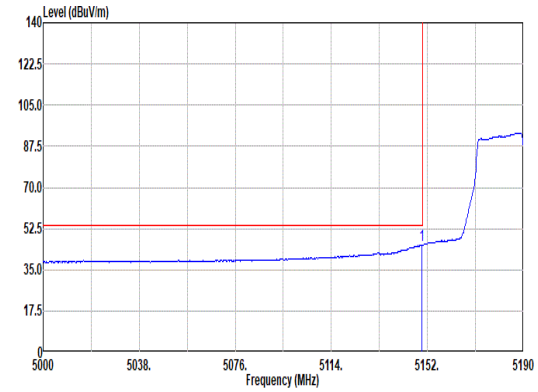
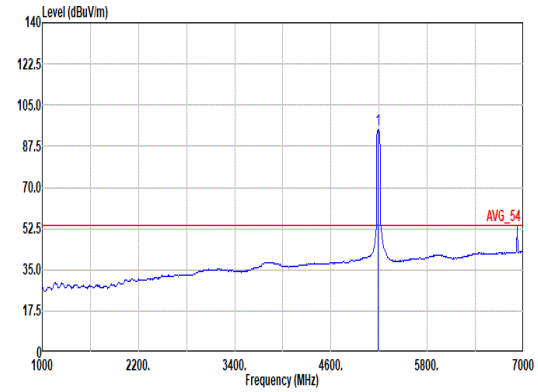
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5026.64 48.96 74.00 -25.04 40.49 33.35 12.80 37.68 0.00 100 260 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 104.33 ------ ------ 96.22 32.88 13.02 37.79 0.00 100 260 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.56 38.26 54.00 -15.74 29.79 33.30 12.91 37.74 0.00 100 260 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 97.33 ------ ------ 89.22 32.88 13.02 37.79 0.00 100 260 AVERAGE

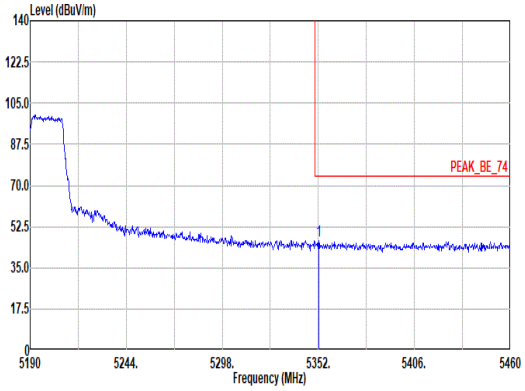
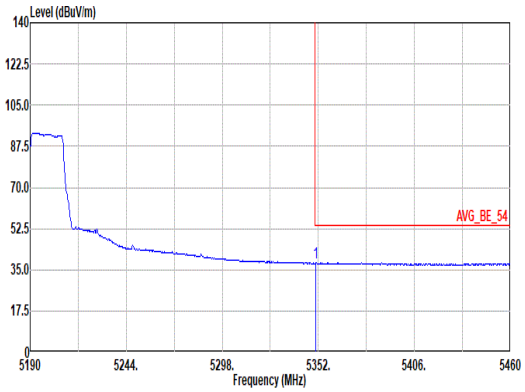
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5370.24 47.81 74.00 -26.19 39.34 33.10 13.22 37.85 0.00 100 260 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.44 37.52 54.00 -16.48 29.07 33.10 13.19 37.84 0.00 100 260 AVERAGE	Blank

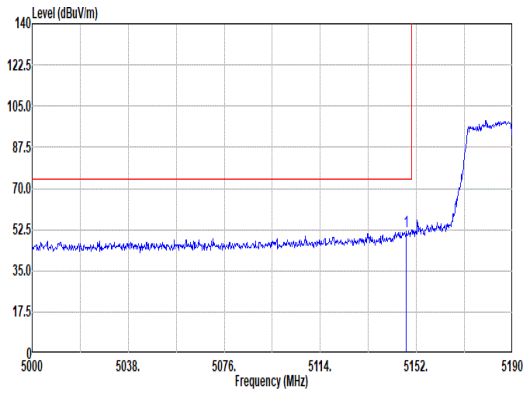
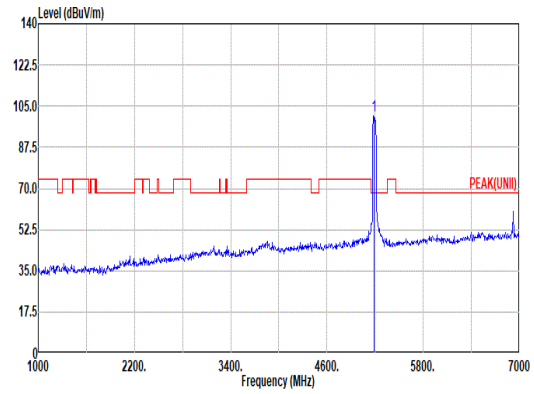
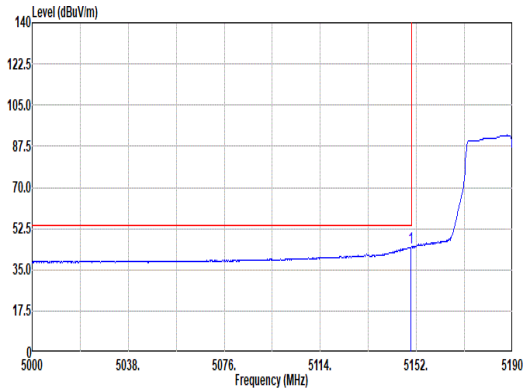
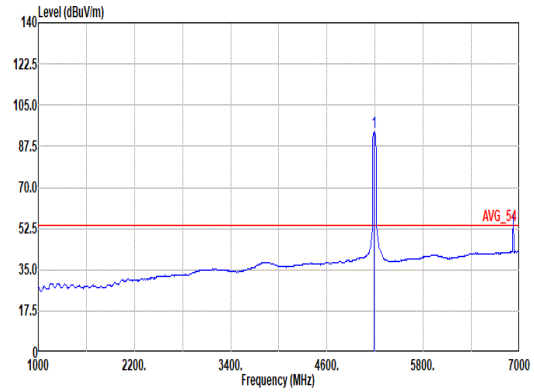
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL 		Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6986.67	65.26	68.20	-2.94	52.40	35.95	15.11	38.20	0.00	109	328	Peak
2	10480.00	51.98	68.20	-16.22	35.31	38.64	18.55	41.41	0.89	--	--	PEAK
3	15720.00	53.35	74.00	-20.65	34.98	38.94	22.96	44.46	0.93	300	38	PEAK
4	15720.00	43.14	54.00	-10.86	24.77	38.94	22.96	44.46	0.93	300	38	Average | Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6986.67	62.37	68.20	-5.83	49.51	35.95	15.11	38.20	0.00	100	251	Peak
2	10480.00	52.51	68.20	-15.69	35.84	38.64	18.55	41.41	0.89	--	--	PEAK
3	15720.00	53.36	74.00	-20.64	34.99	38.94	22.96	44.46	0.93	100	96	PEAK
4	15720.00	43.17	54.00	-10.83	24.80	38.94	22.96	44.46	0.93	100	96	Average	  	

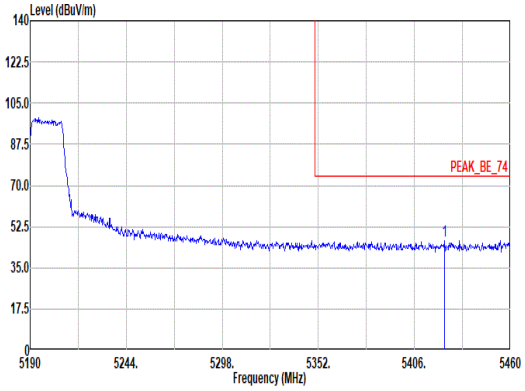
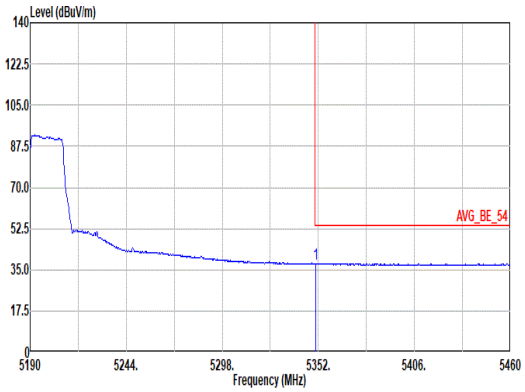
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

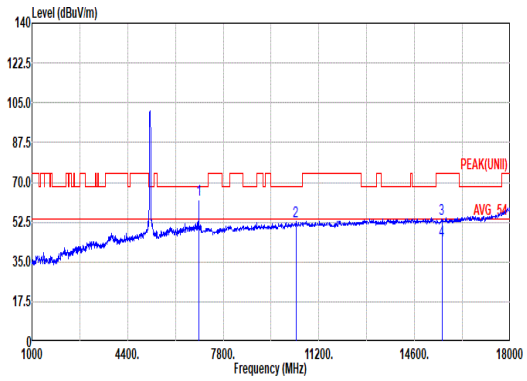
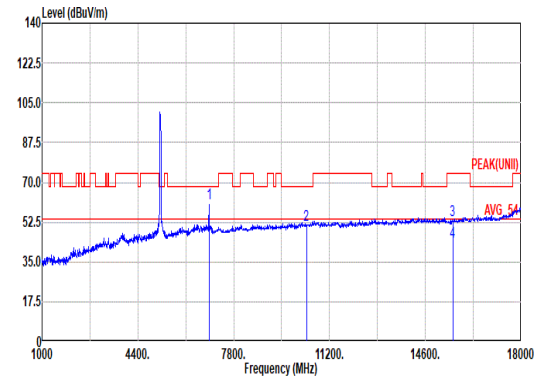
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	1	
17.7G ~18G Avg.		

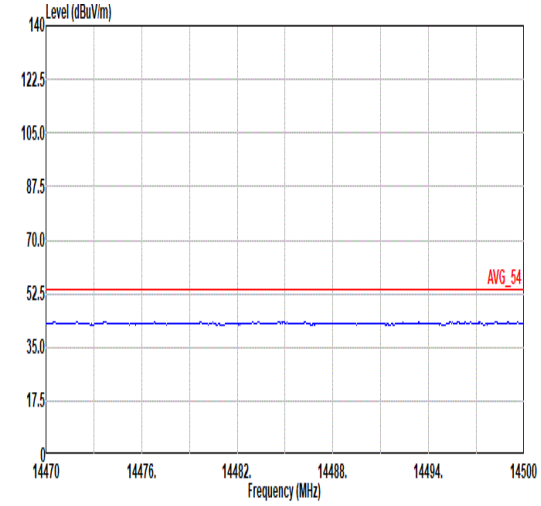
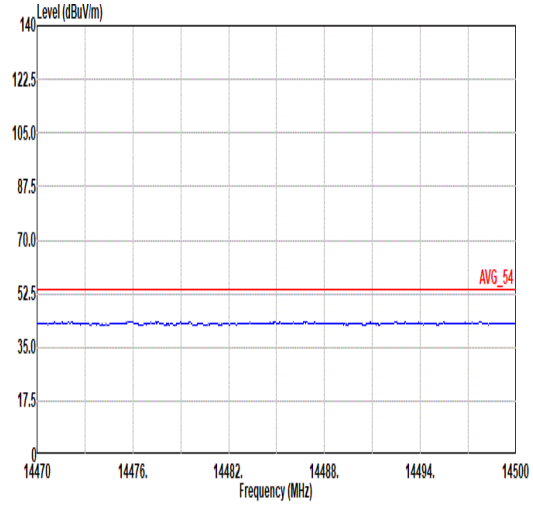
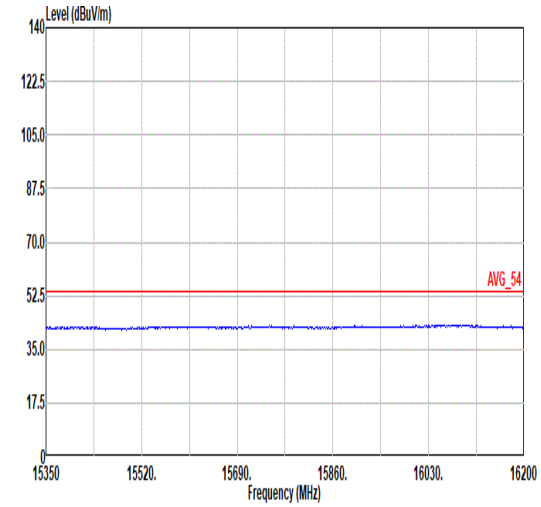
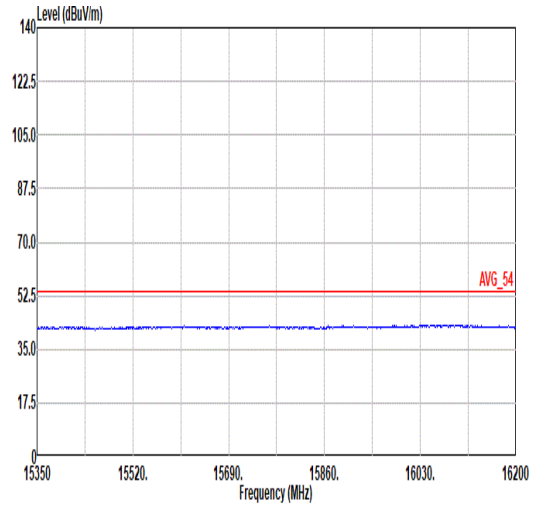
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.34 53.50 74.00 -20.50 45.03 33.30 12.91 37.74 0.00 102 282 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 101.61 ------ ------ 93.50 32.92 12.95 37.76 0.00 102 282 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.91 45.51 54.00 -8.49 37.04 33.30 12.91 37.74 0.00 102 282 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 94.83 ------ ------ 86.78 32.86 12.95 37.76 0.00 102 282 AVERAGE

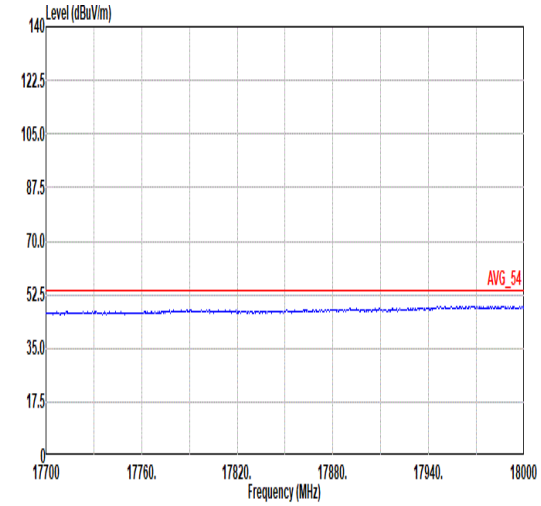
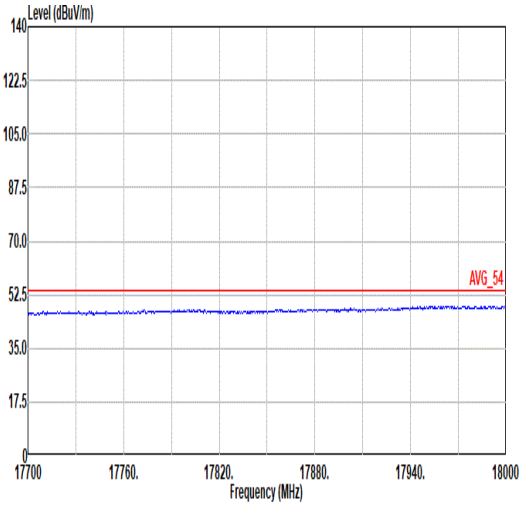
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.27 46.38 74.00 -27.62 37.93 33.10 13.19 37.84 0.00 102 282 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.38 38.00 54.00 -16.00 29.55 33.10 13.19 37.84 0.00 102 282 AVERAGE	Blank

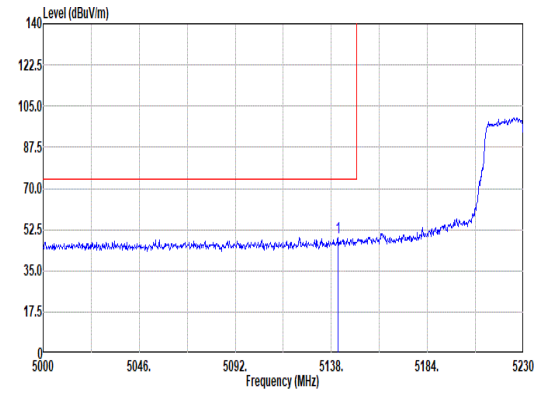
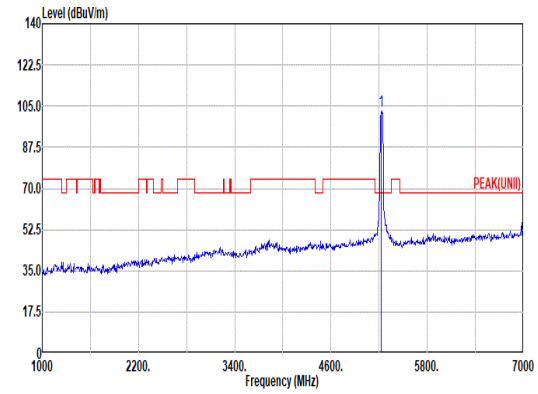
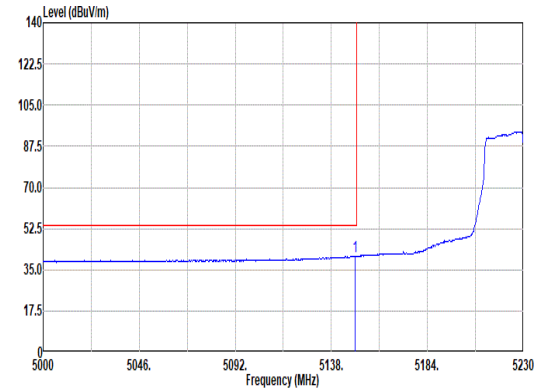
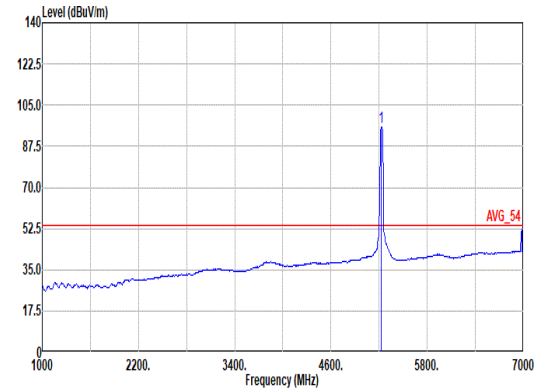
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.01 51.93 74.00 -22.07 43.46 33.30 12.91 37.74 0.00 100 266 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 100.65 ------ ------ 92.49 32.98 12.94 37.76 0.00 100 266 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.91 44.50 54.00 -9.50 36.03 33.30 12.91 37.74 0.00 100 266 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 93.65 ------ ------ 85.60 32.86 12.95 37.76 0.00 100 266 AVERAGE

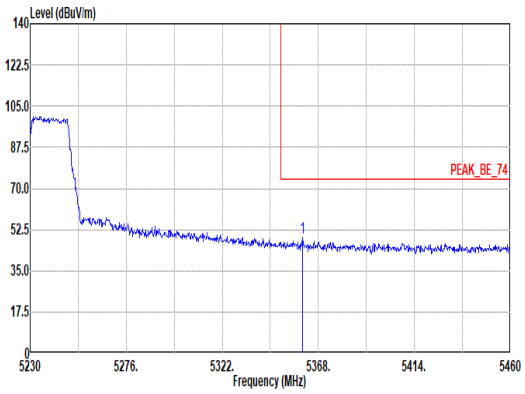
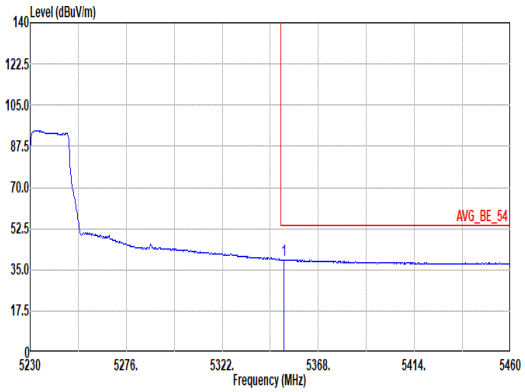
Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5422.74 46.71 74.00 -27.29 38.24 33.05 13.29 37.87 0.00 100 266 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.38 37.68 54.00 -16.32 29.23 33.10 13.19 37.84 0.00 100 266 AVERAGE	Blank

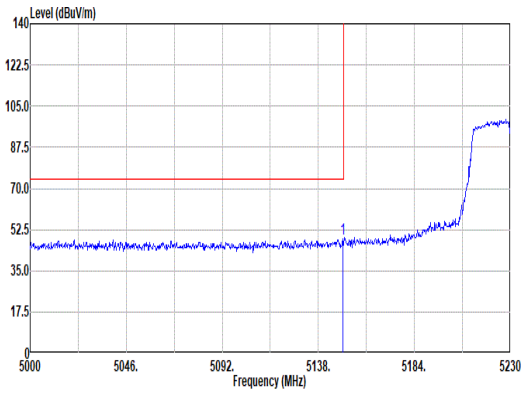
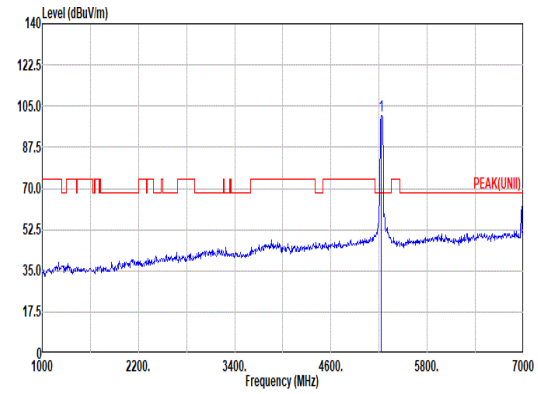
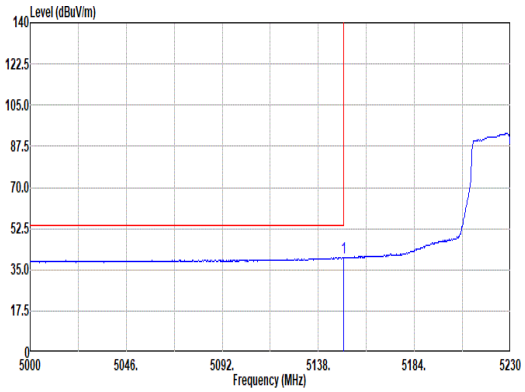
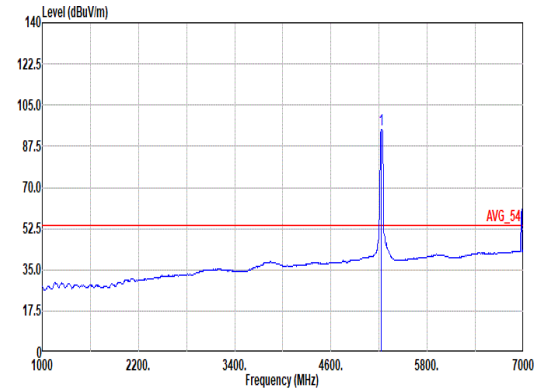
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6920.00 62.17 68.20 -6.03 49.49 35.80 15.05 38.17 0.00 100 329 Peak 2 10380.00 53.06 68.20 -15.14 36.29 38.80 18.45 41.36 0.88 -- -- PEAK 3 15570.00 53.89 74.00 -20.11 35.59 39.14 22.84 44.58 0.90 100 1 PEAK 4 15570.00 44.17 54.00 -9.83 25.87 39.14 22.84 44.58 0.90 100 1 Average	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6920.00 60.58 68.20 -7.62 47.90 35.80 15.05 38.17 0.00 100 266 Peak 2 10380.00 51.49 68.20 -16.71 34.72 38.80 18.45 41.36 0.88 -- -- PEAK 3 15570.00 53.39 74.00 -20.61 35.09 39.14 22.84 44.58 0.90 200 145 PEAK 4 15570.00 44.11 54.00 -9.89 25.81 39.14 22.84 44.58 0.90 200 145 Average

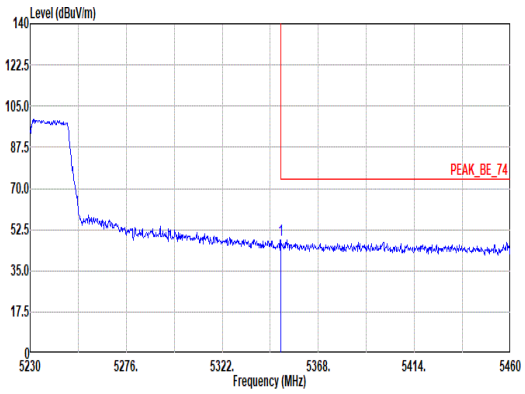
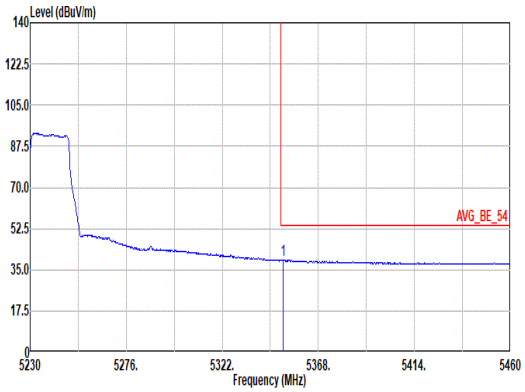
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

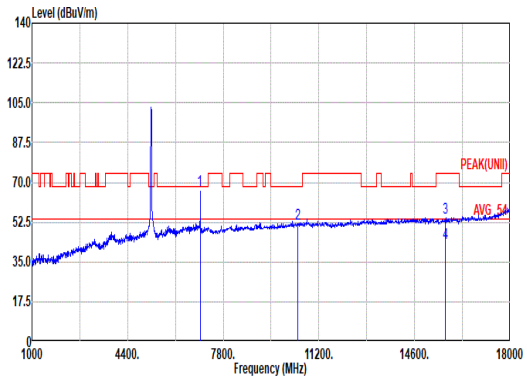
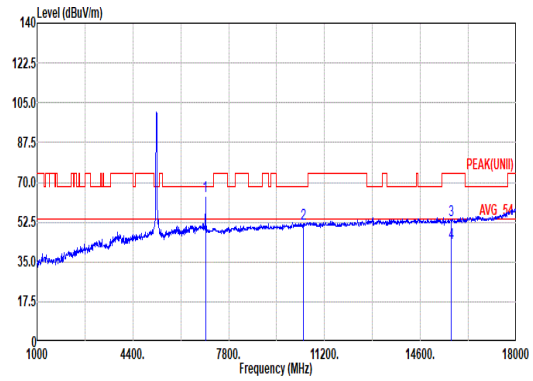
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	1	
17.7G ~18G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

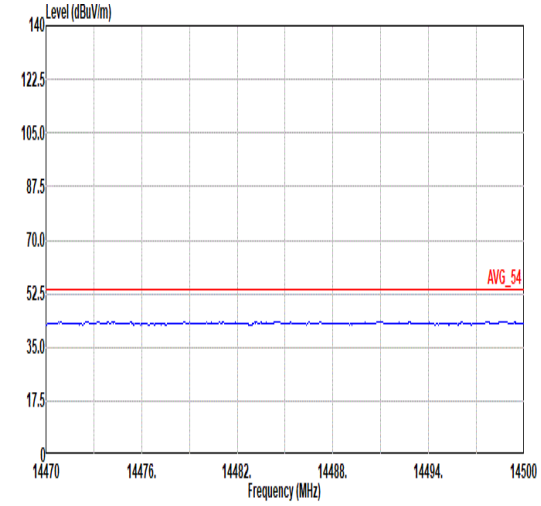
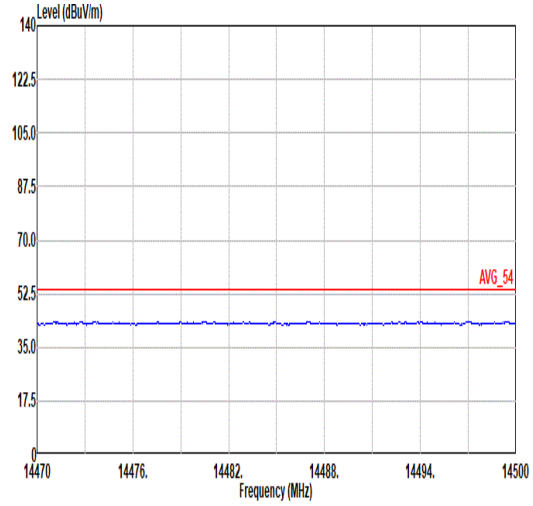
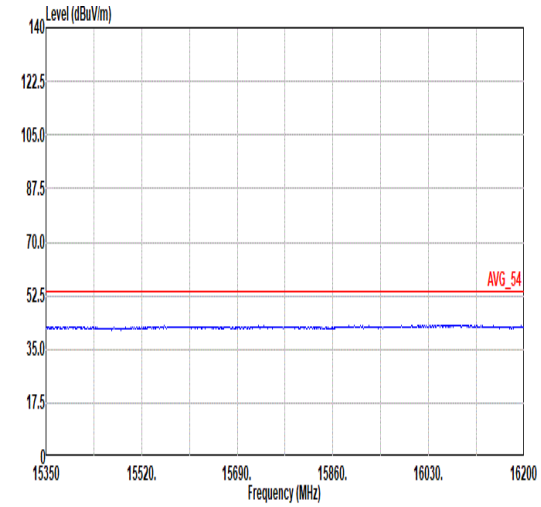
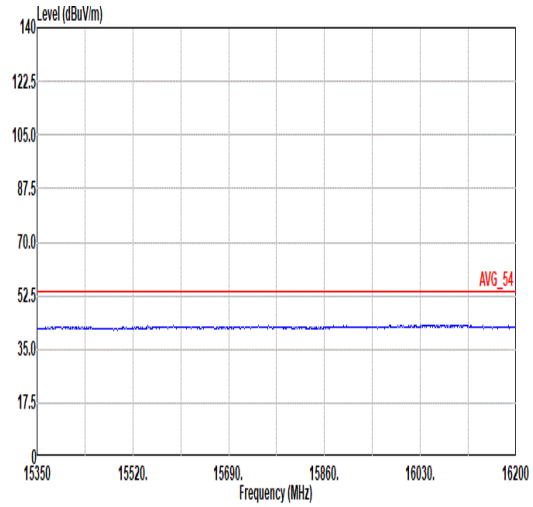
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5141.22 49.00 74.00 -25.00 40.56 33.28 12.90 37.74 0.00 100 288 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 102.77 ------ ------ 94.67 32.87 13.01 37.78 0.00 100 288 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.50 40.82 54.00 -13.18 32.35 33.30 12.91 37.74 0.00 100 288 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 95.46 ------ ------ 87.37 32.86 13.01 37.78 0.00 100 288 AVERAGE

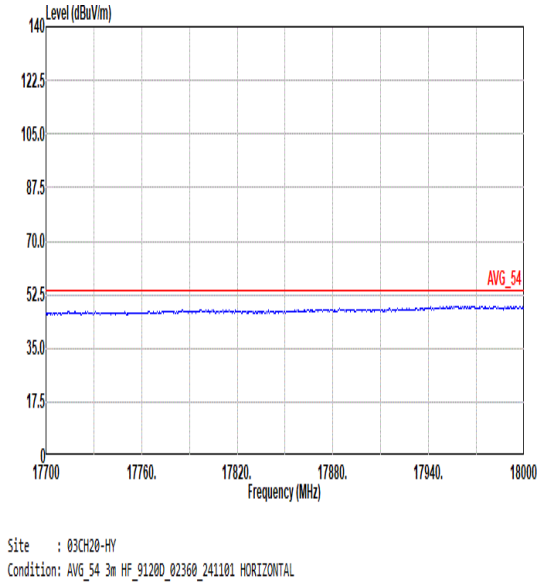
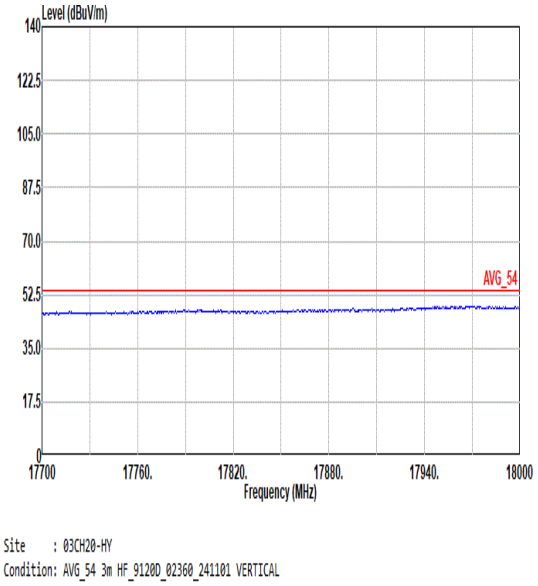
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5360.41 49.18 74.00 -24.82 40.72 33.10 13.20 37.84 0.00 100 288 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.44 39.26 54.00 -14.74 30.81 33.10 13.19 37.84 0.00 100 288 AVERAGE	Blank

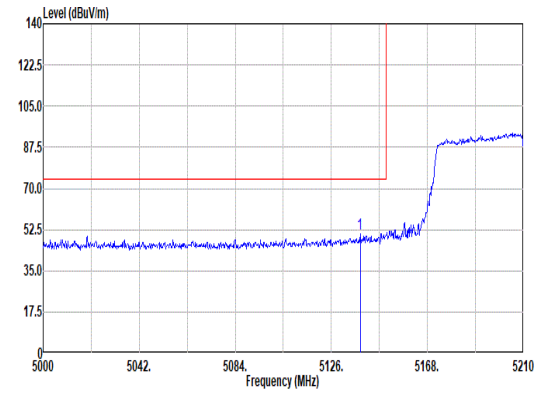
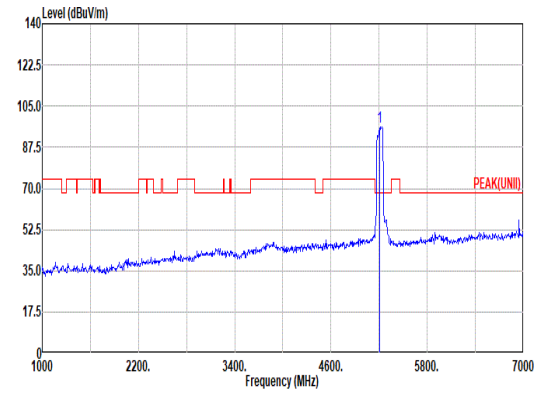
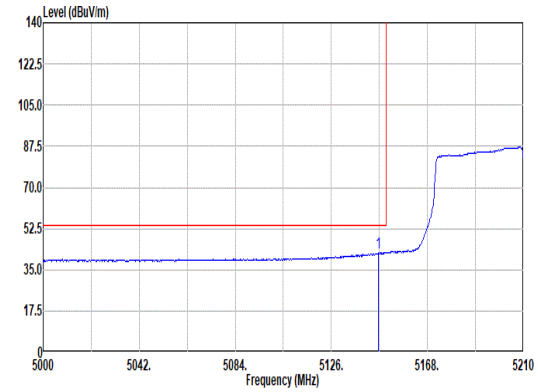
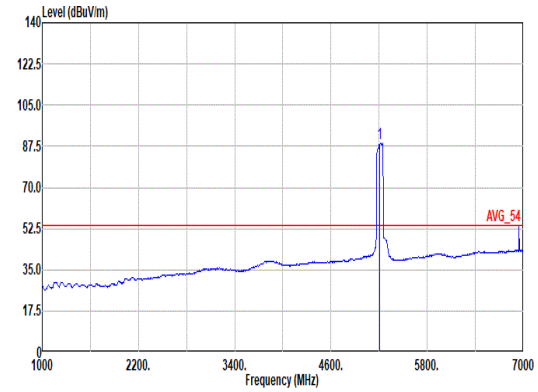
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.73 48.76 74.00 -25.24 40.29 33.30 12.91 37.74 0.00 100 262 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 100.87 ------ ------ 92.77 32.87 13.01 37.78 0.00 100 262 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.96 40.14 54.00 -13.86 31.67 33.30 12.91 37.74 0.00 100 262 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 94.56 ------ ------ 86.46 32.87 13.01 37.78 0.00 100 262 AVERAGE

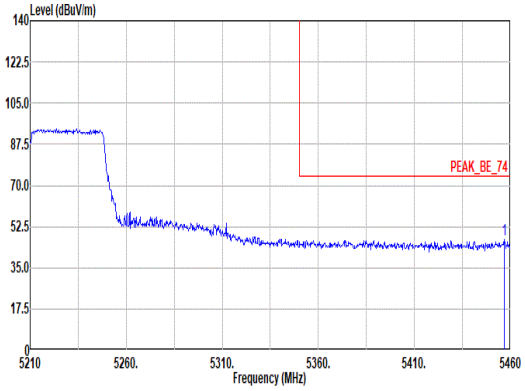
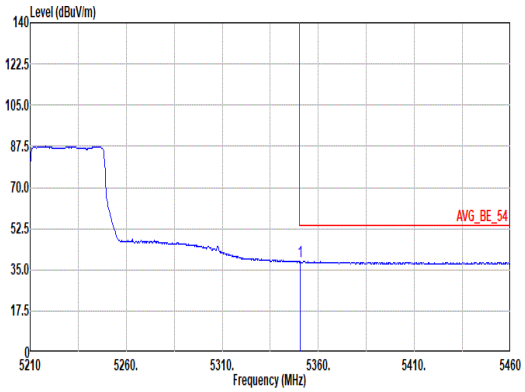
Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.06 48.18 74.00 -25.82 39.73 33.10 13.19 37.84 0.00 100 262 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:1.100kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.98 39.08 54.00 -14.92 30.63 33.10 13.19 37.84 0.00 100 262 AVERAGE	Blank

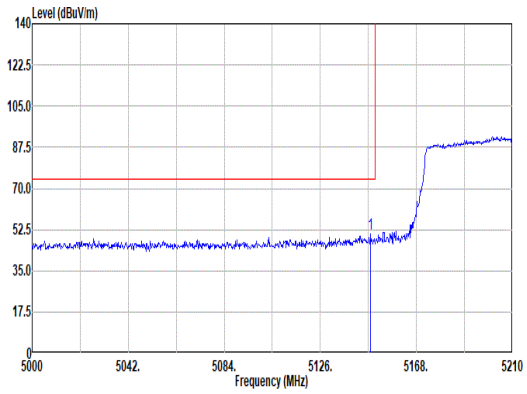
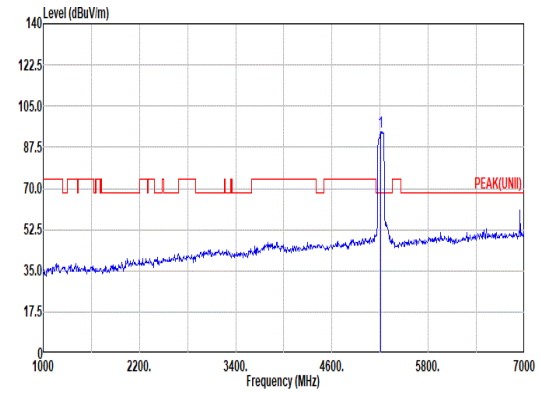
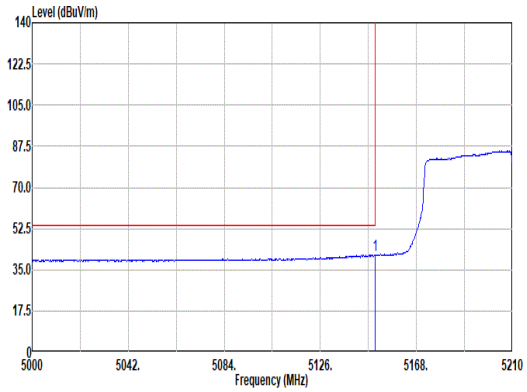
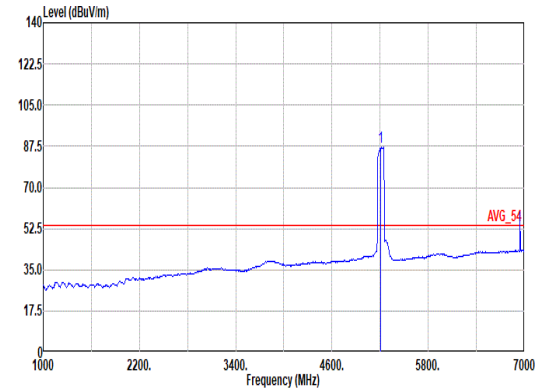
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6973.50	66.38	68.20	-1.82	53.59	35.89	15.10	38.20	0.00	100	321	Peak
2	10460.00	51.83	68.20	-16.37	35.13	38.68	18.53	41.40	0.89	--	--	PEAK
3	15690.00	54.34	74.00	-19.66	36.06	38.90	22.94	44.48	0.92	400	239	PEAK
4	15690.00	43.55	54.00	-10.45	25.27	38.90	22.94	44.48	0.92	400	239	Average
	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	6973.50	64.07	68.20	-4.13	51.28	35.89	15.10	38.20	0.00	100	255	Peak
2	10460.00	51.96	68.20	-16.24	35.26	38.68	18.53	41.40	0.89	--	--	PEAK
3	15690.00	53.33	74.00	-20.67	35.05	38.90	22.94	44.48	0.92	100	228	PEAK
4	15690.00	43.44	54.00	-10.56	25.16	38.90	22.94	44.48	0.92	100	228	Average

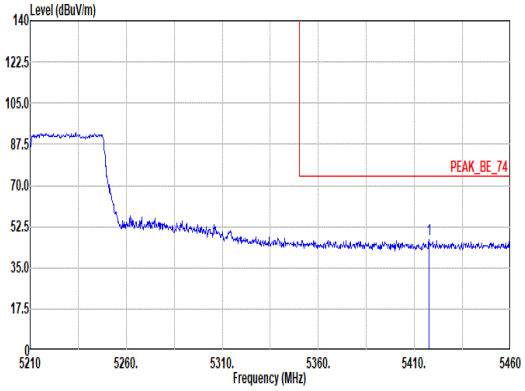
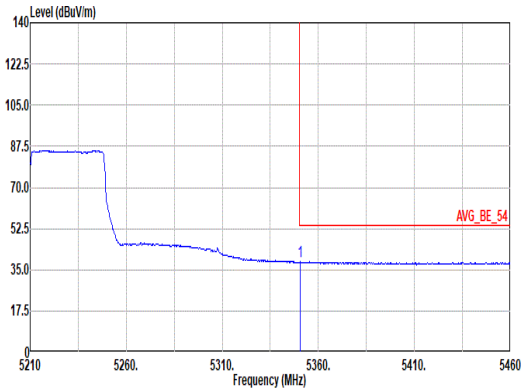
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

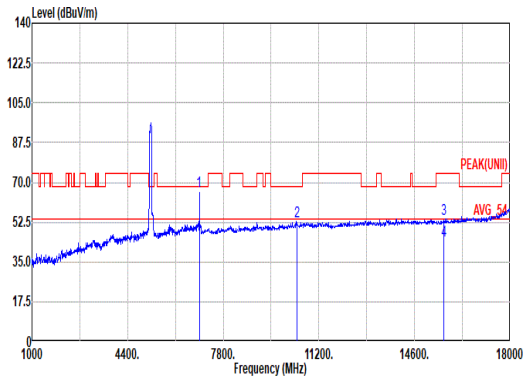
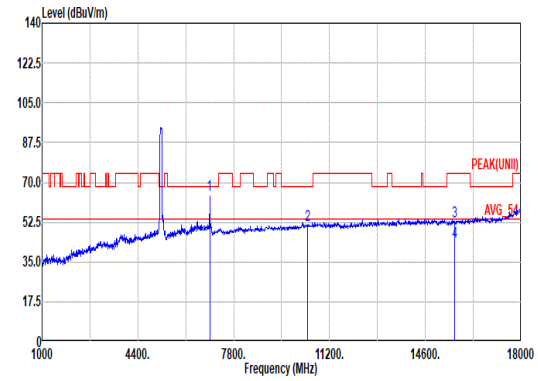
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	1	
17.7G ~18G Avg.		

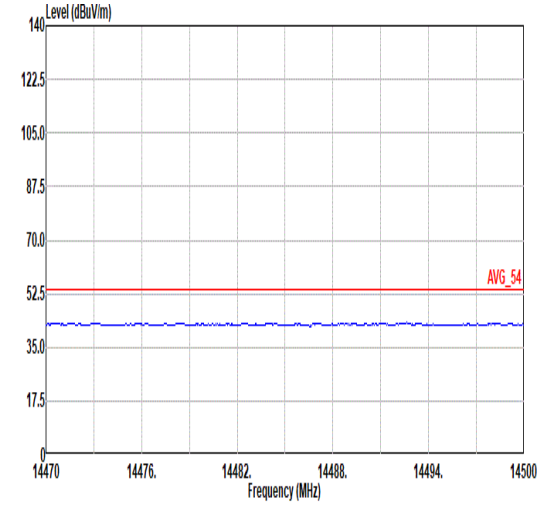
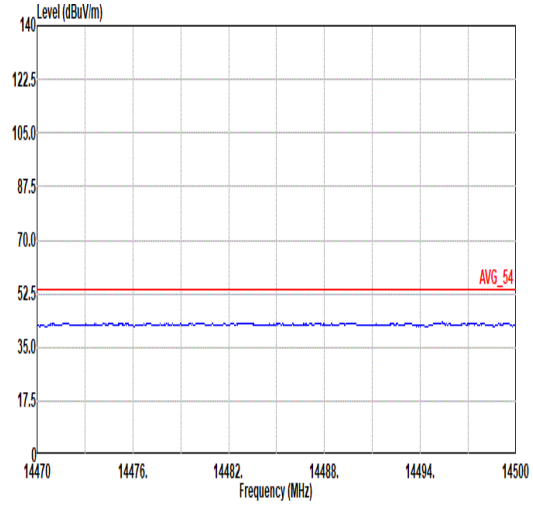
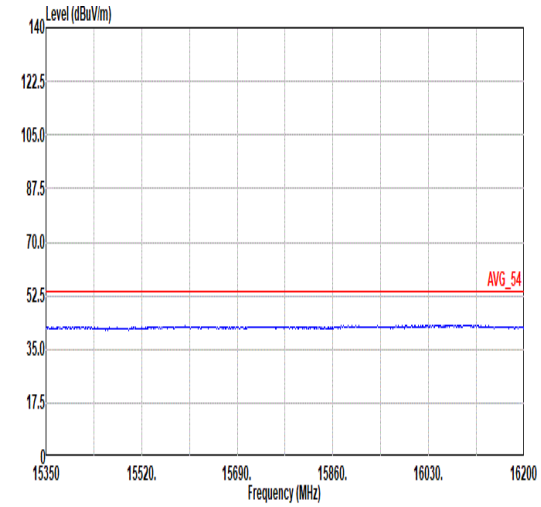
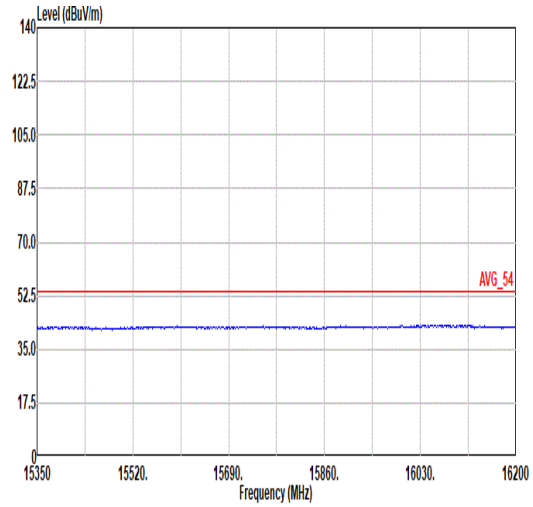
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5138.60 50.87 74.00 -23.13 42.43 33.28 12.90 37.74 0.00 100 285 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 95.98 ------ ------ 87.88 32.87 13.01 37.78 0.00 100 285 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:2.200kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.58 42.42 54.00 -11.58 33.96 33.29 12.91 37.74 0.00 100 285 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:2.200kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5210.00 89.00 ------ ------ 80.94 32.84 12.99 37.77 0.00 100 285 AVERAGE

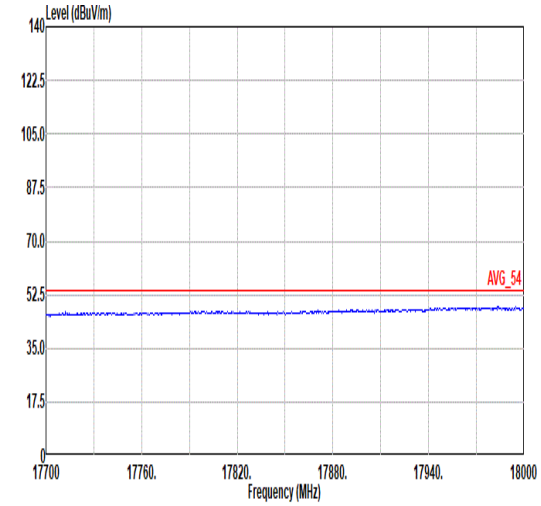
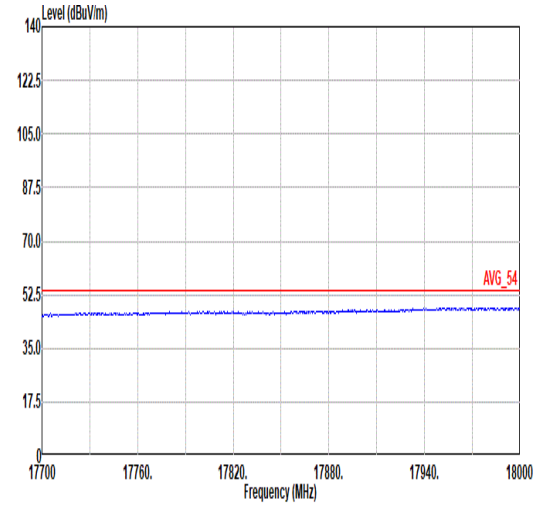
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.75 47.12 74.00 -26.88 38.69 32.99 13.33 37.89 0.00 100 285 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:2.200kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.50 38.56 54.00 -15.44 30.11 33.10 13.19 37.84 0.00 100 285 AVERAGE	Blank

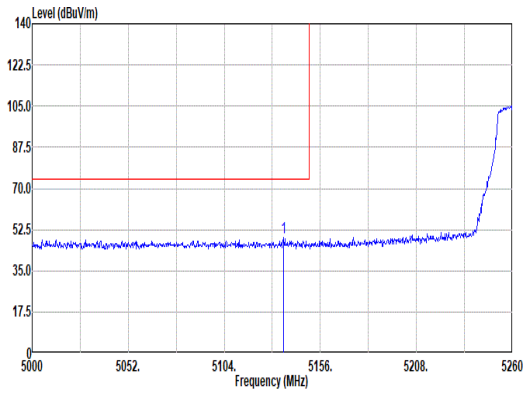
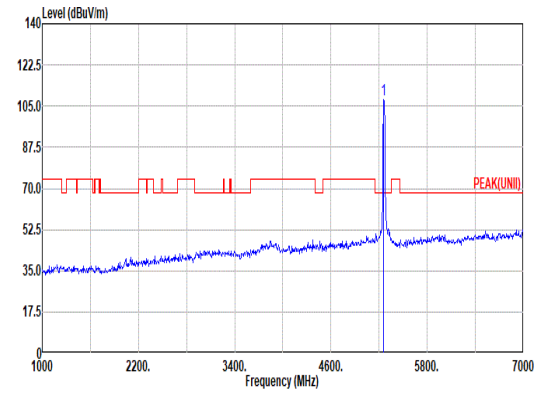
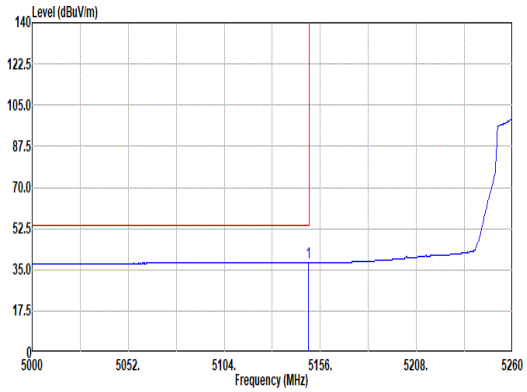
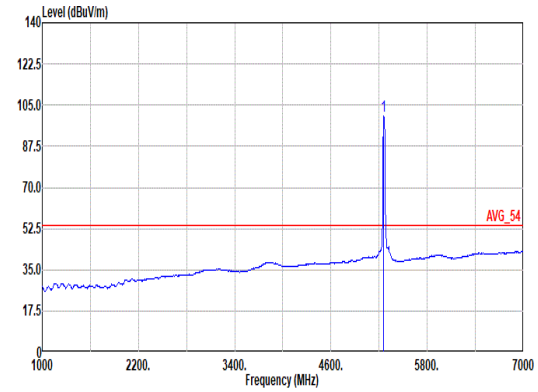
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5148.05 50.81 74.00 -23.19 42.34 33.30 12.91 37.74 0.00 100 260 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5210.00 94.22 ------ ------ 86.13 32.86 13.01 37.78 0.00 100 260 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:2.200kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5149.94 41.26 54.00 -12.74 32.79 33.30 12.91 37.74 0.00 100 260 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:2.200kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5210.00 87.26 ------ ------ 79.20 32.84 12.99 37.77 0.00 100 260 AVERAGE

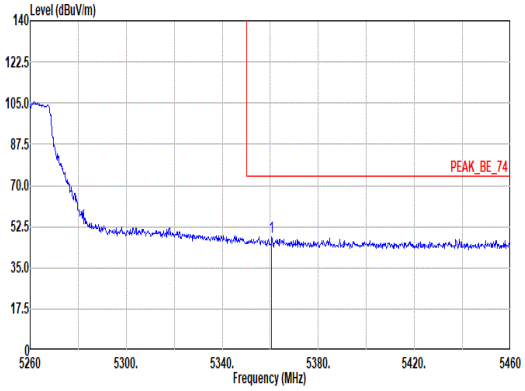
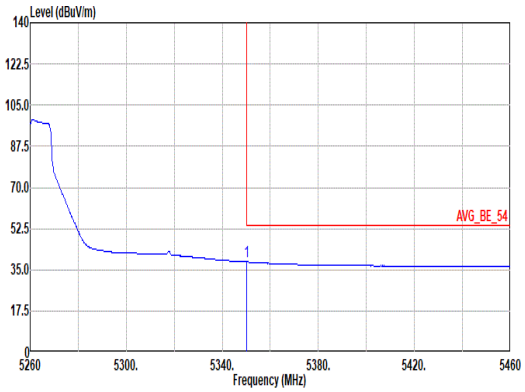
Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5417.50 47.01 74.00 -26.99 38.54 33.06 13.28 37.87 0.00 100 260 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:2.200kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.50 38.57 54.00 -15.43 30.12 33.10 13.19 37.84 0.00 100 260 AVERAGE	Blank

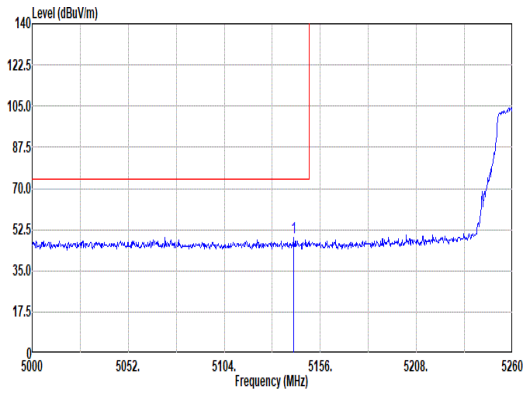
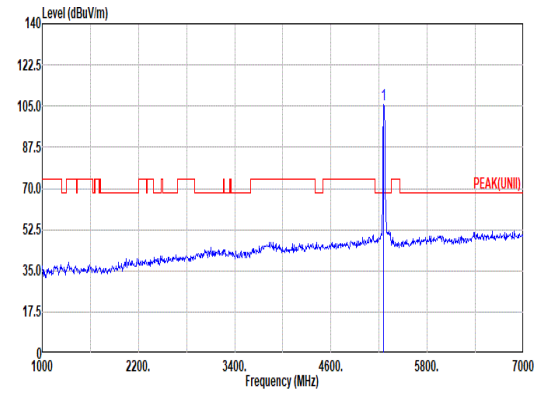
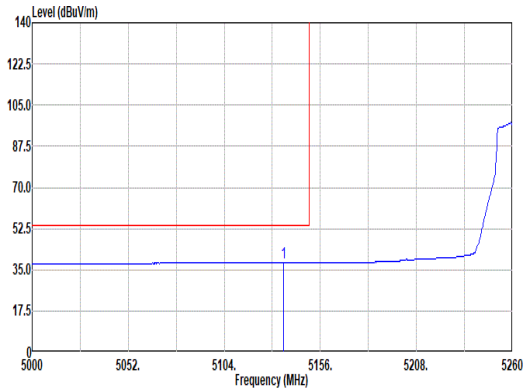
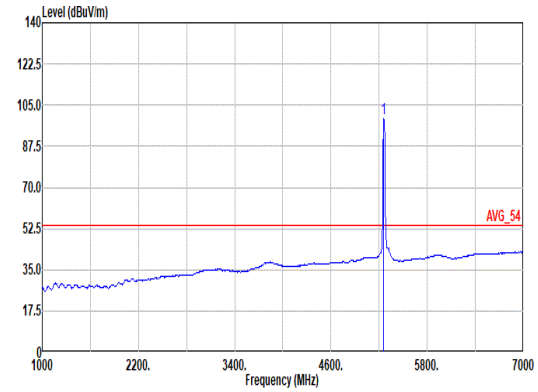
Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6946.80 66.11 68.20 -2.09 53.42 35.80 15.07 38.18 0.00 171 333 Peak 2 10420.00 52.65 68.20 -15.55 35.90 38.76 18.49 41.38 0.88 -- -- PEAK 3 15630.00 53.77 74.00 -20.23 35.48 39.02 22.89 44.53 0.91 200 236 PEAK 4 15630.00 44.15 54.00 -9.85 25.86 39.02 22.89 44.53 0.91 200 236 Average	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6946.80 64.40 68.20 -3.80 51.71 35.80 15.07 38.18 0.00 100 254 Peak 2 10420.00 51.50 68.20 -16.70 34.75 38.76 18.49 41.38 0.88 -- -- PEAK 3 15630.00 52.80 74.00 -21.20 34.51 39.02 22.89 44.53 0.91 300 145 PEAK 4 15630.00 43.91 54.00 -10.09 25.62 39.02 22.89 44.53 0.91 300 145 Average

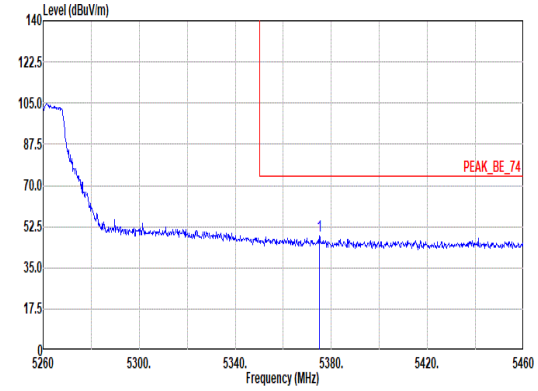
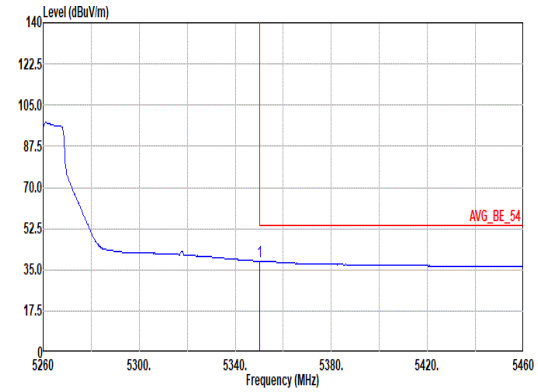
Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

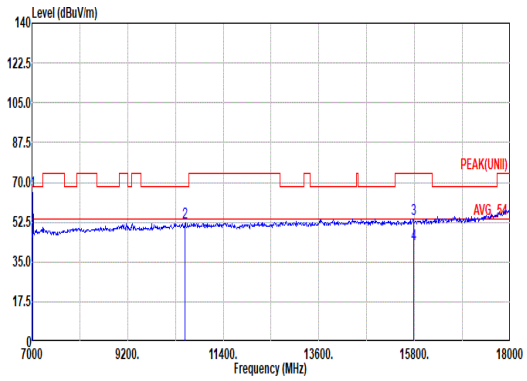
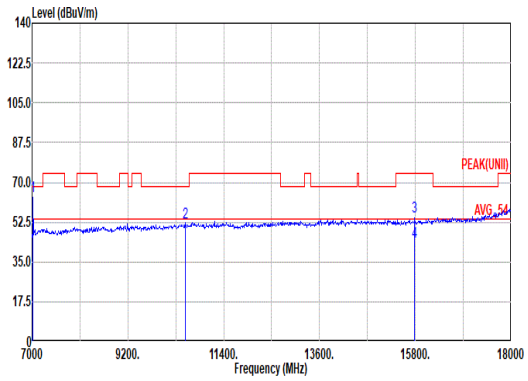
Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	1	
17.7G ~18G Avg.		

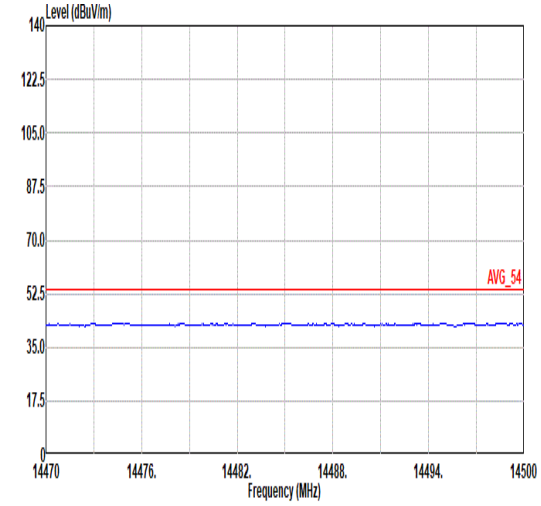
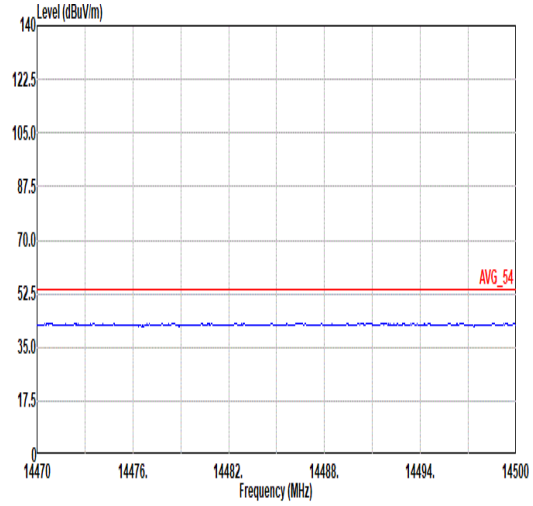
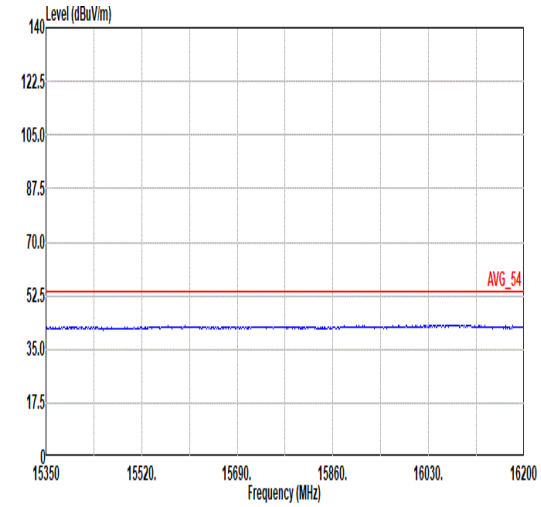
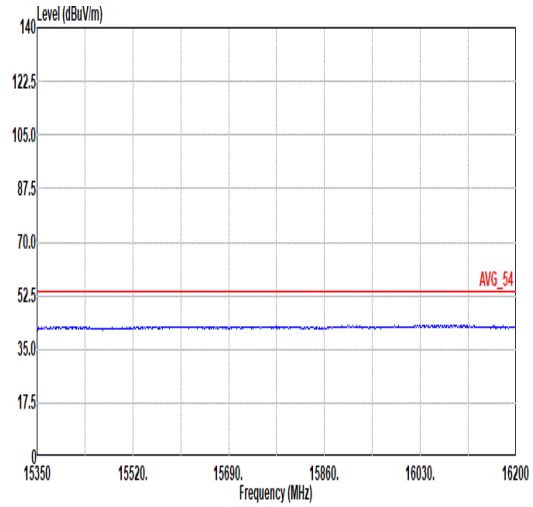
Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5135.98 49.07 74.00 -24.93 40.64 33.27 12.90 37.74 0.00 107 278 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 107.73 ------ ------ 99.59 32.88 13.05 37.79 0.00 107 278 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.50 38.16 54.00 -15.84 29.69 33.30 12.91 37.74 0.00 107 278 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 100.59 ------ ------ 92.45 32.88 13.05 37.79 0.00 107 278 AVERAGE

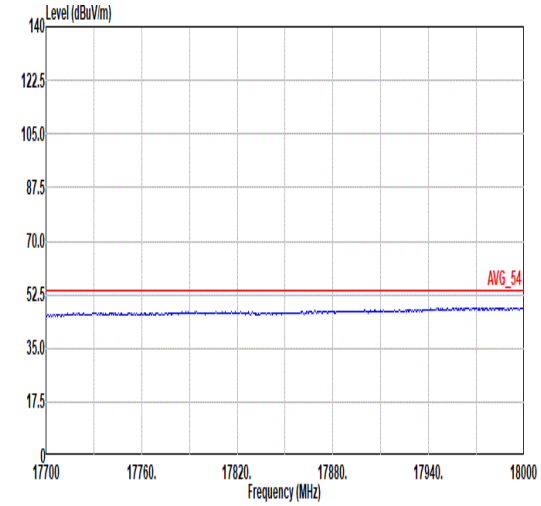
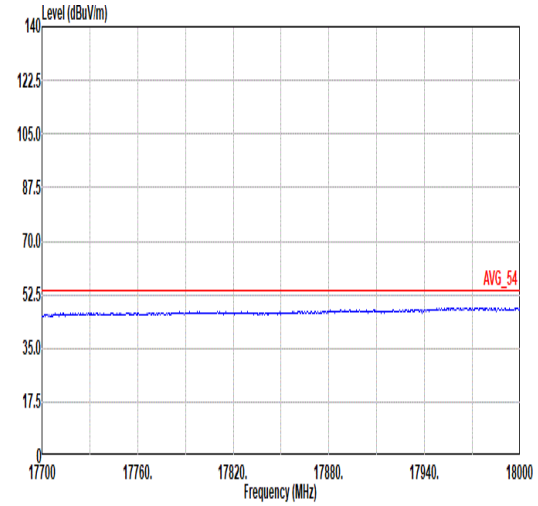
Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5360.60 47.92 74.00 -26.08 39.46 33.10 13.20 37.84 0.00 107 278 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.20 38.37 54.00 -15.63 29.92 33.10 13.19 37.84 0.00 107 278 AVERAGE	Blank

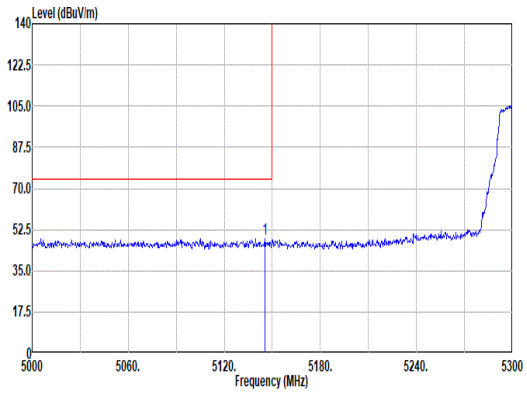
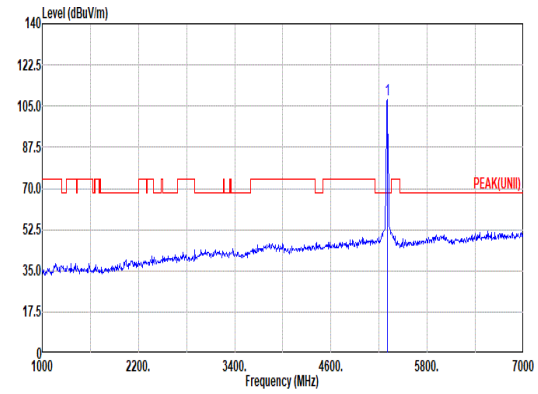
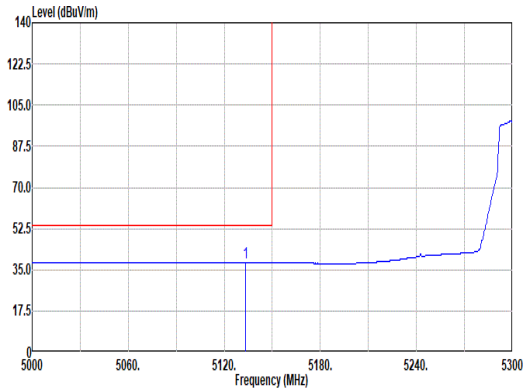
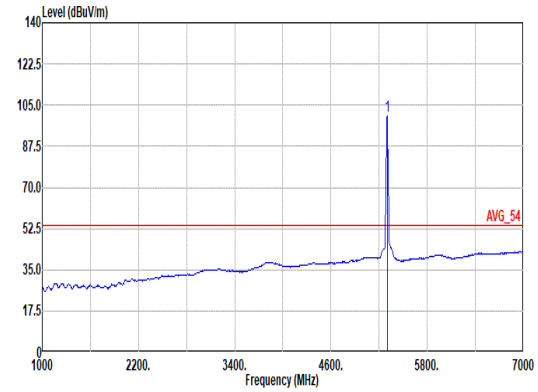
Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5141.44 48.97 74.00 -25.03 40.53 33.28 12.90 37.74 0.00 100 254 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 105.87 ------ ------ 97.73 32.89 13.04 37.79 0.00 100 254 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5135.98 38.00 54.00 -16.00 29.57 33.27 12.90 37.74 0.00 100 254 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 99.30 ------ ------ 91.16 32.88 13.05 37.79 0.00 100 254 AVERAGE

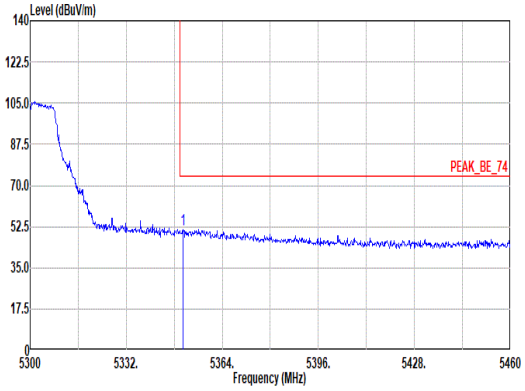
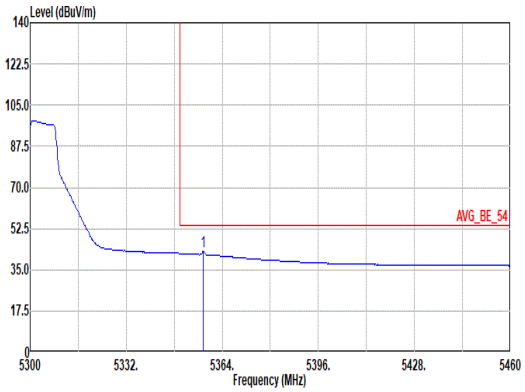
Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5375.00 48.49 74.00 -25.51 40.02 33.10 13.22 37.85 0.00 100 254 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.20 38.68 54.00 -15.32 30.23 33.10 13.19 37.84 0.00 100 254 AVERAGE	Blank

Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7013.33	66.13	68.20	-2.07	52.11	36.09	15.14	38.23	1.02	100	317	Peak
2	10520.00	52.23	68.20	-15.97	35.59	38.60	18.59	41.44	0.89	--	--	PEAK
3	15780.00	53.86	74.00	-20.14	35.36	38.94	23.02	44.40	0.94	100	322	PEAK
4	15780.00	42.77	54.00	-11.23	24.27	38.94	23.02	44.40	0.94	100	322	Average
	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL |	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
---	---	---	---	---	---	---	---	---	---	---	---	---
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7013.33	64.09	68.20	-4.11	50.07	36.09	15.14	38.23	1.02	104	258	Peak
2	10520.00	52.52	68.20	-15.68	35.88	38.60	18.59	41.44	0.89	--	--	PEAK
3	15780.00	55.18	74.00	-18.82	36.68	38.94	23.02	44.40	0.94	100	295	PEAK
4	15780.00	43.72	54.00	-10.28	25.22	38.94	23.02	44.40	0.94	100	295	Average

Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
15.35G ~16.2G Avg.	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL

Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
17.7G ~18G Avg.		

Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.50 48.71 74.00 -25.29 40.25 33.29 12.91 37.74 0.00 100 279 PEAK	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 107.65 ------ ------ 99.54 32.81 13.11 37.81 0.00 100 279 PEAK
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5133.20 38.11 54.00 -15.89 29.67 33.27 12.90 37.73 0.00 100 279 AVERAGE	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 100.20 ------ ------ 92.09 32.81 13.11 37.81 0.00 100 279 AVERAGE

Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.88 51.00 74.00 -23.00 42.55 33.10 13.19 37.84 0.00 100 279 PEAK	Blank
Avg.	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5357.60 42.98 54.00 -11.02 34.52 33.10 13.20 37.84 0.00 100 279 AVERAGE	Blank