FCC RF Test Report

APPLICANT	:	Quectel Wireless Solutions Co., Ltd.
EQUIPMENT	:	WiFi & Bluetooth Module
BRAND NAME	:	Quectel
MODEL NAME	:	FCS950U
FCC ID	:	XMR2023FCS950U
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Dec. 16, 2022 ~ Jan. 11, 2023

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR2D0802D	Rev. 01	Initial issue of report	Jan. 16, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm/MHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 3.18 dB at 5351.370 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 9.18 dB at 0.538 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	Pass	-

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

1 General Description

1.1 Applicant

Quectel Wireless Solutions Co., Ltd.
Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China

1.2 Manufacturer

Quectel Wireless Solutions Co., Ltd.
Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, 200233, China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	WiFi & Bluetooth Module
Brand Name	Quectel
Model Name	FCS950U
FCC ID	XMR2023FCS950U
SN Code	Conducted: E1822K424000035 Conduction: E1822K424000070 Radiation: E1822K424000082
HW Version	R1.0
EUT Stage	Identical Prototype

Remark:
The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.61 dBm / 0.0458 W 802.11n HT20 : 15.80 dBm / 0.0380 W 802.11n HT40 : 16.16 dBm / 0.0413 W 802.11ac VHT20 : 15.95 dBm / 0.0394 W 802.11ac VHT40 : 16.23 dBm / 0.0420 W 802.11ac VHT80 : 13.95 dBm / 0.0248 W **<5260 MHz ~ 5320 MHz>** 802.11a : 16.92 dBm / 0.0492 W 802.11n HT20 : 15.89 dBm / 0.0388 W 802.11n HT40 : 16.27 dBm / 0.0424 W 802.11ac VHT20 : 16.07 dBm / 0.0405 W 802.11ac VHT40 : 16.29 dBm / 0.0426 W 802.11ac VHT80 : 12.58 dBm / 0.0181 W **<5500 MHz ~ 5720 MHz >** 802.11a : 17.25 dBm / 0.0531 W 802.11n HT20 : 16.06 dBm / 0.0404 W 802.11n HT40 : 16.26 dBm / 0.0423 W 802.11ac VHT20 : 16.27 dBm / 0.0424 W 802.11ac VHT40 : 16.33 dBm / 0.0430 W 802.11ac VHT80 : 16.28 dBm / 0.0425 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.98 MHz 802.11ac VHT20 : 17.93 MHz 802.11ac VHT40 : 36.46 MHz 802.11ac VHT80 : 75.52 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 17.03 MHz 802.11ac VHT20 : 18.03 MHz 802.11ac VHT40 : 36.46 MHz 802.11ac VHT80 : 75.52 MHz **<5500 MHz ~ 5720 MHz >** 802.11a : 17.18 MHz 802.11ac VHT20 : 17.98 MHz 802.11ac VHT40 : 36.86 MHz 802.11ac VHT80 : 75.64 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** Dipole Antenna with gain 1.14 dBi **<5260 MHz ~ 5320 MHz>** Dipole Antenna with gain 1.00 dBi **<5500 MHz ~ 5720 MHz>** Dipole Antenna with gain 0.60 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Note: For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing have assessed only 802.11ac VHT20/VHT40 by referring to the higher output power.

1.5 Modification of EUT

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

1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01- KS 03CH06-KS TH01-KS	CN1257	314309

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH06-KS	AUDIX	E3	6.2009-8-24al
2.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

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

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq.(MHz)	Channel	Freq.(MHz)
5180-5240 MHz 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)
5260-5320 MHz U-NII-2A	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290	-	-

Frequency Band	Channel	Freq.(MHz)	Channel	Freq.(MHz)
5500- 5720 MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

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

2.2 Test Mode

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

Modulation	Data Rate
802.11a	**6 Mbps**
802.11ac VHT20	**MCS0**
802.11ac VHT40	**MCS0**
802.11ac VHT80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN Link (5G) + Powered by Fixture board

Remark: For Radiated Test Cases, The tests were performance with Fixture board.

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5700 MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5700 MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

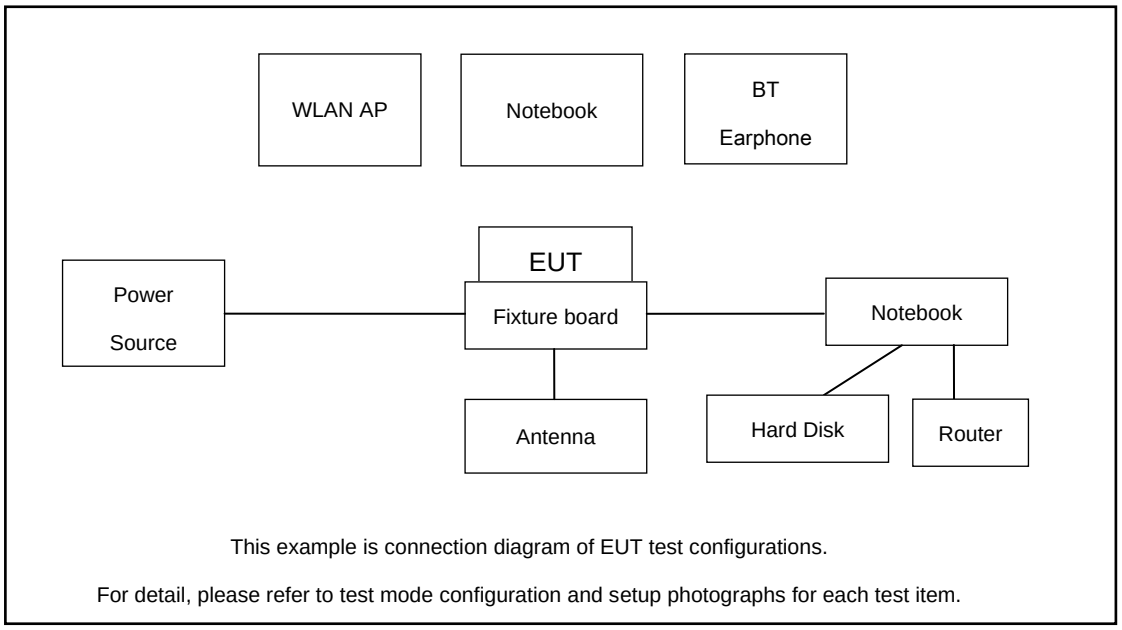
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5700 MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C:5500- 5700 MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

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

2.3 Connection Diagram of Test System

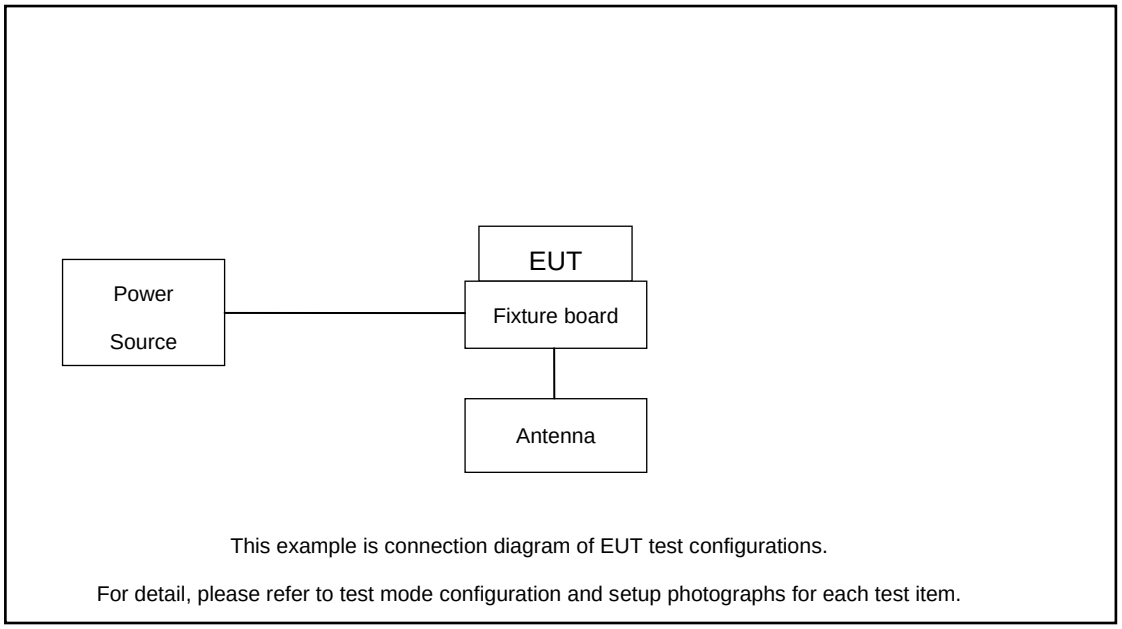
For AC Conducted Emission:



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

For Radiated Emission:



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	shielded cable DC O/P 1.8m , Unshielded AC I/P cable 1.8m
2.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
3.	Hard Disk	Lenovo	F310	DoC	Shielded, 1.2m	N/A
4.	Fixture board	Quectel	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuously transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

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 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.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 7.2 dB.

Offset(dB) = RF cable loss(dB).

= 7.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

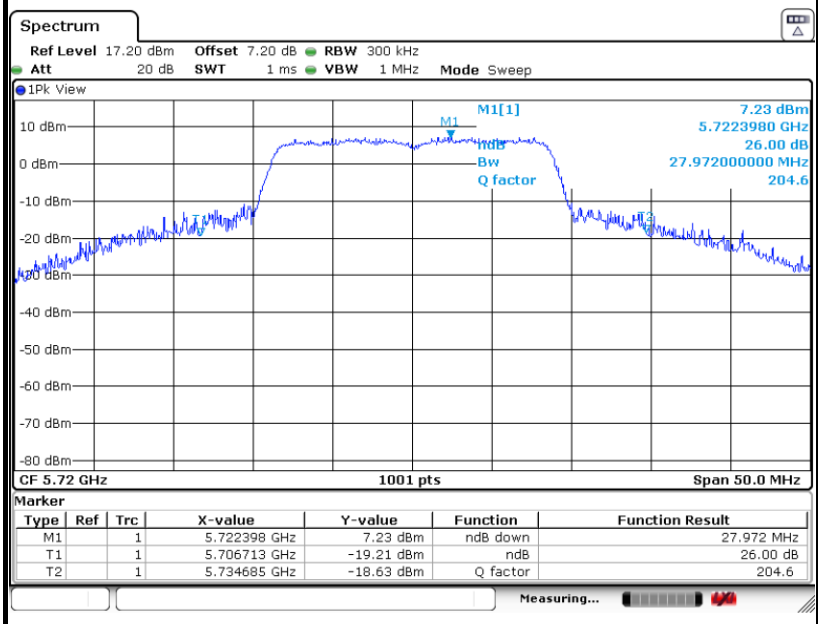
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup

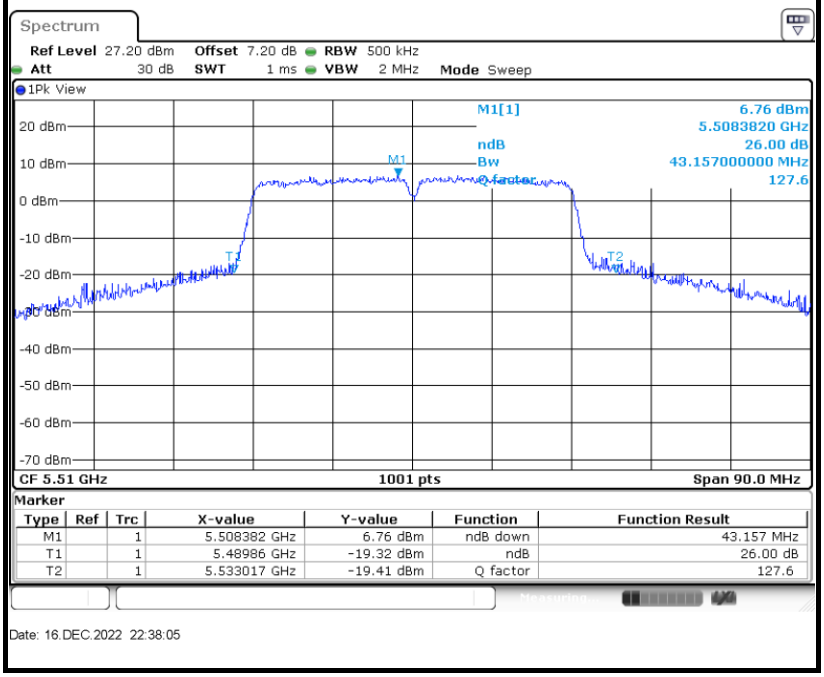
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

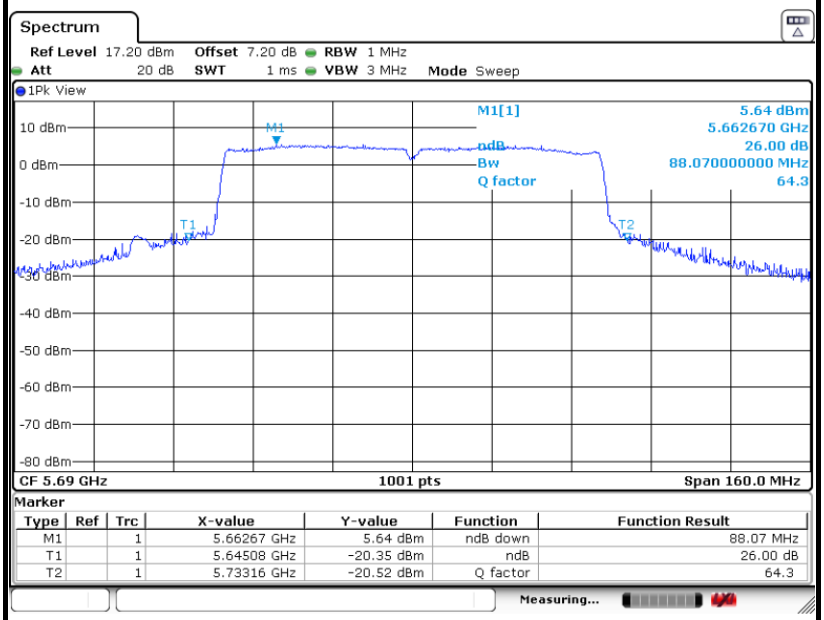
Maximum 26dB Bandwidth for 20M BW



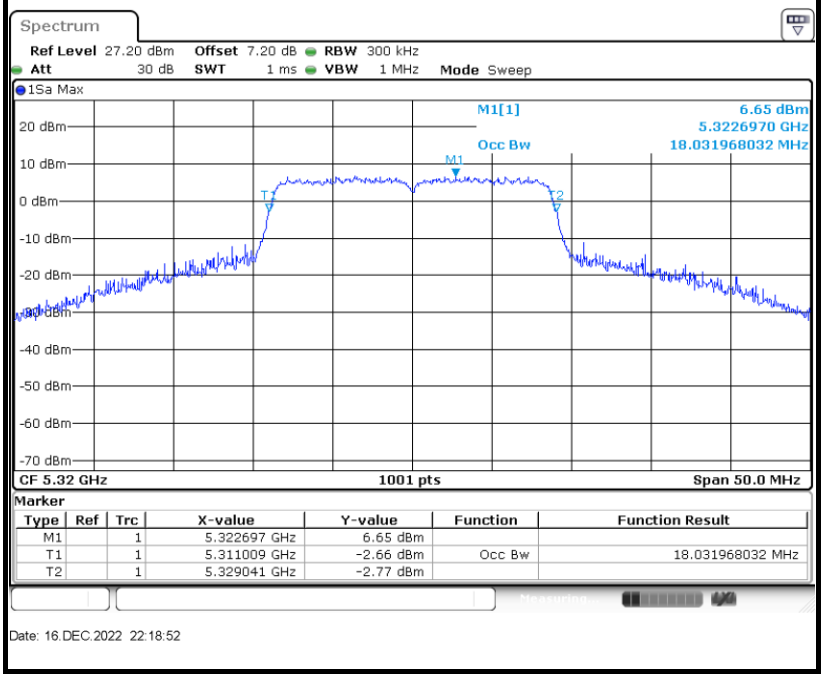
Maximum 26dB Bandwidth for 40M BW



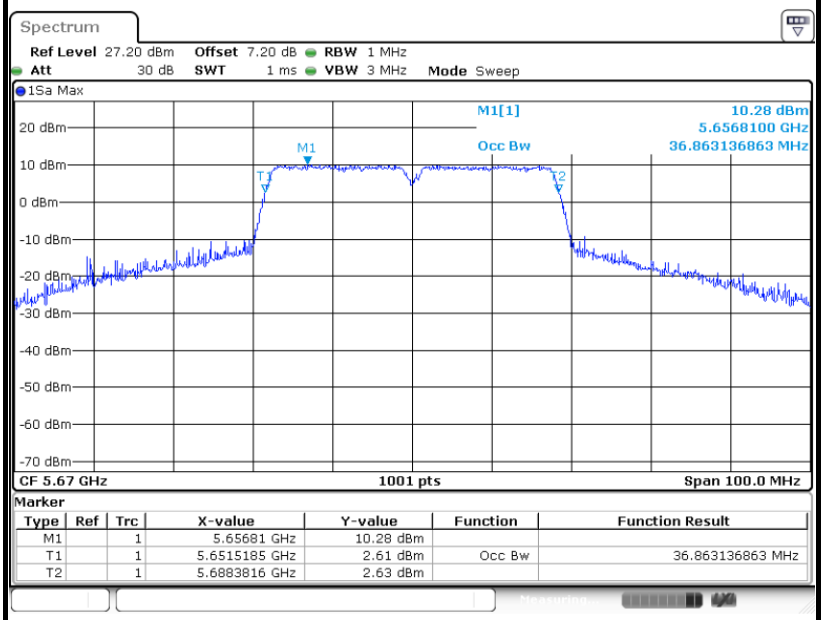
Maximum 26dB Bandwidth for 80M BW



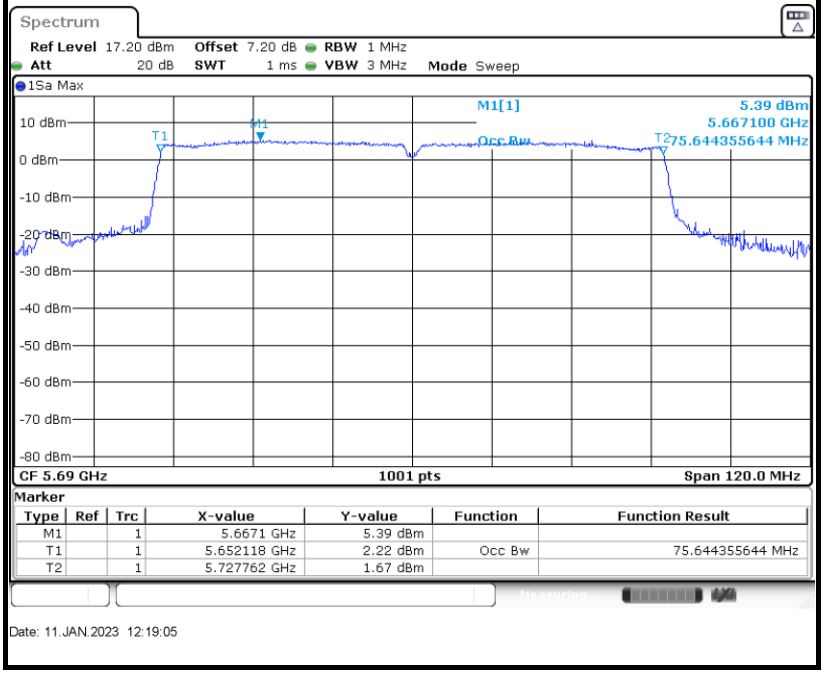
Maximum 99% Occupied Bandwidth for 20M BW



Maximum 99% Occupied Bandwidth for 40M BW



Maximum 99% Occupied Bandwidth for 80M BW



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For 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 the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +10 log 10 B, where B is the 26 dB emission bandwidth in megahertz.

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

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

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

3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

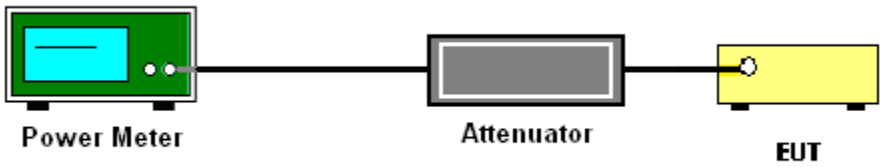
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

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

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

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

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

 # Method SA-2 #

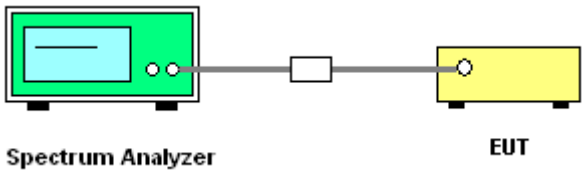
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

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

dB if the duty cycle is 25 percent.

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

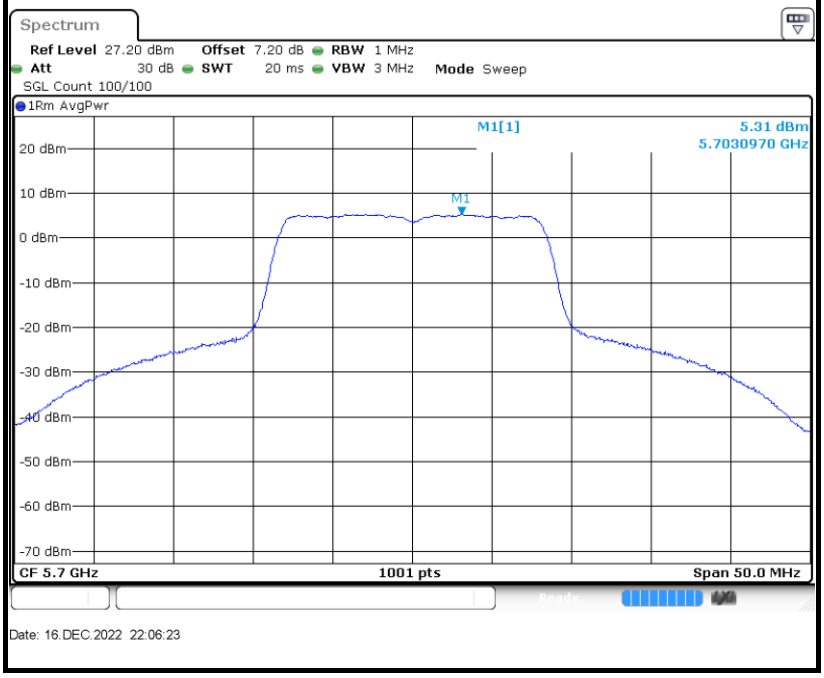
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.2

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

$$EIRP = E_{Meas} + 20\log(d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

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

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

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

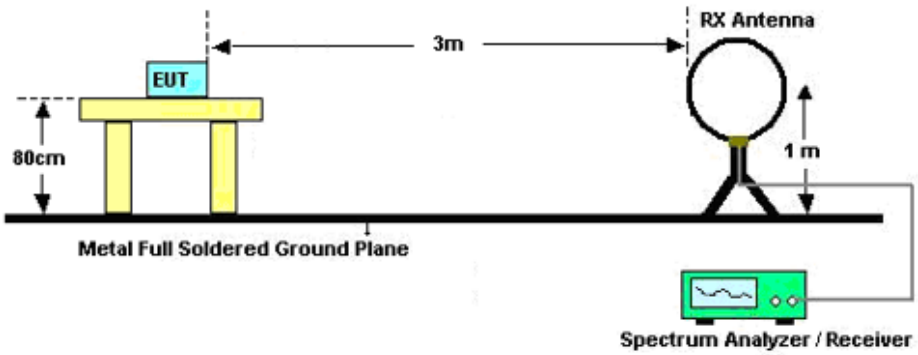
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.

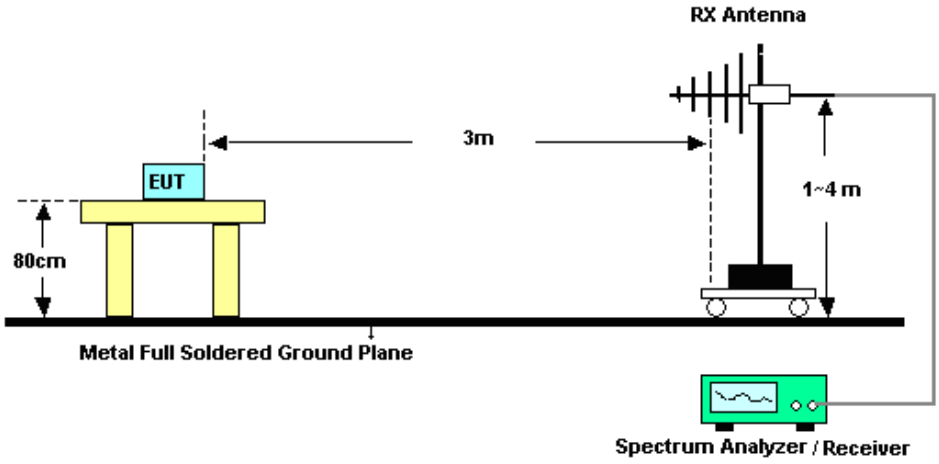
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

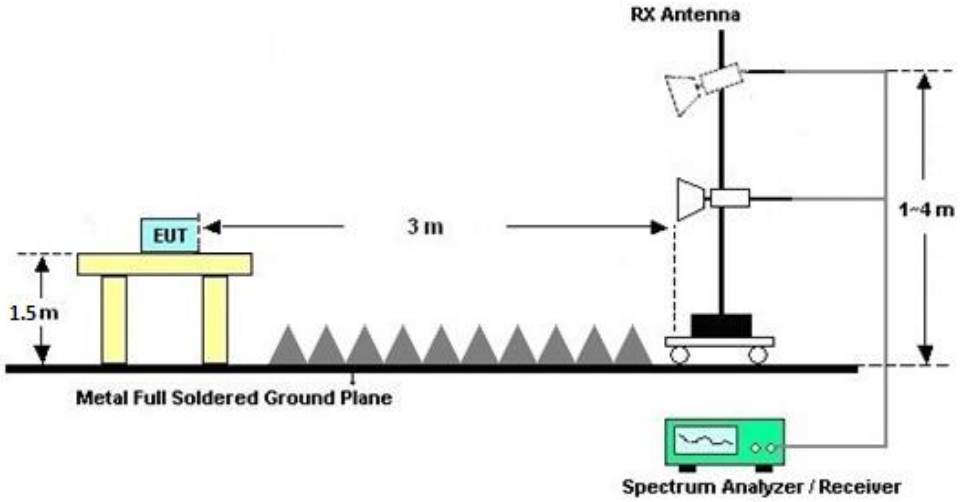
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, 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 or 40GHz, whichever is lower)

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.

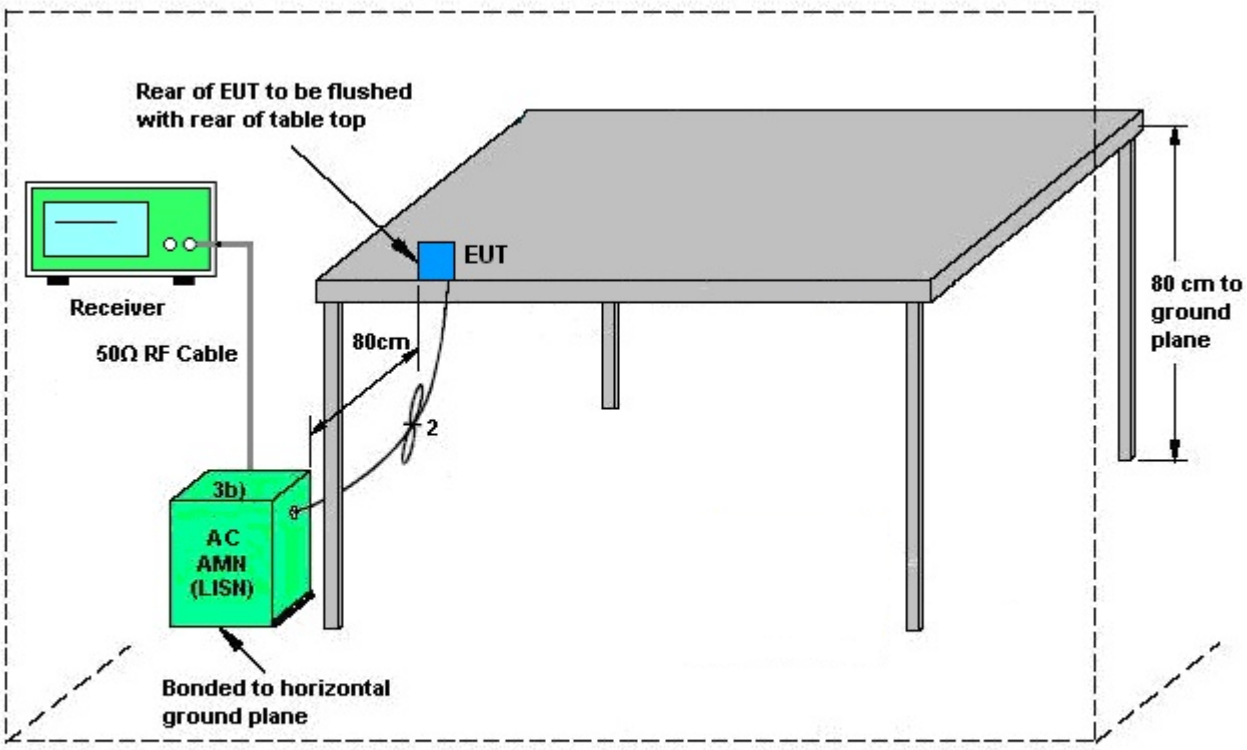
3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 12, 2022	Dec. 16, 2022~ Jan. 11, 2023	Oct. 11, 2023	Conducted (TH01-KS)
Pulse Power Senor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 05, 2022	Dec. 16, 2022~ Jan. 11, 2023	Jan. 04, 2023	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 05, 2022	Dec. 16, 2022~ Jan. 11, 2023	Jan. 04, 2023	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 13, 2022	Dec. 16, 2022~ Jan. 11, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY60242126	10Hz-44GHz	Oct. 13, 2022	Dec. 16, 2022~ Jan. 11, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 16, 2022	Dec. 16, 2022~ Jan. 11, 2023	Oct. 15, 2023	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	49921	30MHz-1GHz	May 24, 2022	Dec. 16, 2022~ Jan. 11, 2023	May 23, 2023	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 18, 2022	Dec. 16, 2022~ Jan. 11, 2023	Apr. 17, 2023	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101093	18GHz~40GHz	Jan. 05, 2022	Dec. 16, 2022~ Jan. 11, 2023	Jan. 04, 2023	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101093	18GHz~40GHz	Jan. 04, 2023		Jan. 03, 2024	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	380827	9KHz ~1GHZ	Jul. 11, 2022	Dec. 16, 2022~ Jan. 11, 2023	Jul. 10, 2023	Radiation (03CH06-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2022	Dec. 16, 2022~ Jan. 11, 2023	Jan. 04, 2023	Radiation (03CH06-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 04, 2023		Jan. 03, 2024	Radiation (03CH06-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2082395	1Ghz-18Ghz	Jan. 05, 2022	Dec. 16, 2022~ Jan. 11, 2023	Jan. 04, 2023	Radiation (03CH06-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2082395	1Ghz-18Ghz	Jan. 04, 2023		Jan. 03, 2024	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY53270319	500MHz~26.5GHz	Oct. 12, 2022	Dec. 16, 2022~ Jan. 11, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Dec. 16, 2022~ Jan. 11, 2023	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Dec. 16, 2022~ Jan. 11, 2023	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Dec. 16, 2022~ Jan. 11, 2023	NCR	Radiation (03CH06-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 24, 2022	Dec. 24, 2022	May 23, 2023	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 13, 2022	Dec. 24, 2022	Oct. 12, 2023	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 24, 2022	Dec. 24, 2022	May 23, 2023	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 12, 2022	Dec. 24, 2022	Oct. 11, 2023	Conduction (CO01-KS)

NCR: No Calibration Required

5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±0.46 dB
Conducted Emissions	±0.48 dB
Occupied Channel Bandwidth	±0.1 %
Conducted Power Spectral Density	±0.40 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.78dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.0dB

---------- THE END ----------

Appendix A. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	Jacob Zhang	Temperature:	21~25	°C
Test Date:	2022/12/16~2022/01/11	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 1	Ant 1		
11a	6Mbps	1	36	5180	16.98	21.33	22.30		
11a	6Mbps	1	44	5220	16.98	23.38	22.30		
11a	6Mbps	1	48	5240	16.98	22.13	22.30		
VHT20	MCS0	1	36	5180	17.83	23.03	22.51		
VHT20	MCS0	1	44	5220	17.93	23.98	22.54		
VHT20	MCS0	1	48	5240	17.93	24.83	22.54		
VHT40	MCS0	1	38	5190	36.36	40.28	23.01		
VHT40	MCS0	1	46	5230	36.46	40.64	23.01		
VHT80	MCS0	1	42	5210	75.52	80.56	23.01		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power with duty factor(dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail
					Ant 1	Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	36	5180	0.48	14.06	24.00	1.14	Pass
11a	6Mbps	1	44	5220	0.48	16.60	24.00	1.14	Pass
11a	6Mbps	1	48	5240	0.48	16.61	24.00	1.14	Pass
HT20	MCS0	1	36	5180	0.49	13.23	24.00	1.14	Pass
HT20	MCS0	1	44	5220	0.49	15.78	24.00	1.14	Pass
HT20	MCS0	1	48	5240	0.49	15.80	24.00	1.14	Pass
HT40	MCS0	1	38	5190	1.01	12.10	24.00	1.14	Pass
HT40	MCS0	1	46	5230	1.01	16.16	24.00	1.14	Pass
VHT20	MCS0	1	36	5180	0.53	13.41	24.00	1.14	Pass
VHT20	MCS0	1	44	5220	0.53	15.88	24.00	1.14	Pass
VHT20	MCS0	1	48	5240	0.53	15.95	24.00	1.14	Pass
VHT40	MCS0	1	38	5190	0.94	12.11	24.00	1.14	Pass
VHT40	MCS0	1	46	5230	0.94	16.23	24.00	1.14	Pass
VHT80	MCS0	1	42	5210	1.67	13.95	24.00	1.14	Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	DG (dBi)	Pass /Fail
					Ant 1	Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	36	5180	1.95	11.00	1.14	1.14	Pass
11a	6Mbps	1	44	5220	4.30	11.00	1.14	1.14	Pass
11a	6Mbps	1	48	5240	4.40	11.00	1.14	1.14	Pass
VHT20	MCS0	1	36	5180	1.44	11.00	1.14	1.14	Pass
VHT20	MCS0	1	44	5220	3.44	11.00	1.14	1.14	Pass
VHT20	MCS0	1	48	5240	3.45	11.00	1.14	1.14	Pass
VHT40	MCS0	1	38	5190	-3.20	11.00	1.14	1.14	Pass
VHT40	MCS0	1	46	5230	0.63	11.00	1.14	1.14	Pass
VHT80	MCS0	1	42	5210	-2.87	11.00	1.14	1.14	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
					Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	52	5260	17.03	22.68	23.31	29.31	23.98	
11a	6Mbps	1	60	5300	16.98	22.13	23.30	29.30	23.98	
11a	6Mbps	1	64	5320	17.03	22.38	23.31	29.31	23.98	
VHT20	MCS0	1	52	5260	17.93	25.28	23.54	29.54	23.98	
VHT20	MCS0	1	60	5300	17.93	22.83	23.54	29.54	23.98	
VHT20	MCS0	1	64	5320	18.03	22.83	23.56	29.56	23.98	
VHT40	MCS0	1	54	5270	36.46	40.55	23.98	30.00	23.98	
VHT40	MCS0	1	62	5310	36.36	40.01	23.98	30.00	23.98	
VHT80	MCS0	1	58	5290	75.52	81.84	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor(dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 1	Ant 1		
11a	6Mbps	1	52	5260	16.59	23.98	1.00	26.99	Pass
11a	6Mbps	1	60	5300	16.91	23.98	1.00	26.99	Pass
11a	6Mbps	1	64	5320	16.92	23.98	1.00	26.99	Pass
HT20	MCS0	1	52	5260	15.89	23.98	1.00	26.99	Pass
HT20	MCS0	1	60	5300	15.78	23.98	1.00	26.99	Pass
HT20	MCS0	1	64	5320	11.51	23.98	1.00	26.99	Pass
HT40	MCS0	1	54	5270	16.27	23.98	1.00	26.99	Pass
HT40	MCS0	1	62	5310	10.98	23.98	1.00	26.99	Pass
VHT20	MCS0	1	52	5260	16.07	23.98	1.00	26.99	Pass
VHT20	MCS0	1	60	5300	15.91	23.98	1.00	26.99	Pass
VHT20	MCS0	1	64	5320	11.64	23.98	1.00	26.99	Pass
VHT40	MCS0	1	54	5270	16.29	23.98	1.00	26.99	Pass
VHT40	MCS0	1	62	5310	11.03	23.98	1.00	26.99	Pass
VHT80	MCS0	1	58	5290	12.58	23.98	1.00	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	52	5260	4.78	11.00	1.00	Pass
11a	6Mbps	1	60	5300	4.62	11.00	1.00	Pass
11a	6Mbps	1	64	5320	4.64	11.00	1.00	Pass
VHT20	MCS0	1	52	5260	3.32	11.00	1.00	Pass
VHT20	MCS0	1	60	5300	3.46	11.00	1.00	Pass
VHT20	MCS0	1	64	5320	-0.44	11.00	1.00	Pass
VHT40	MCS0	1	54	5270	0.43	11.00	1.00	Pass
VHT40	MCS0	1	62	5310	-3.92	11.00	1.00	Pass
VHT80	MCS0	1	58	5290	-6.24	11.00	1.00	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)	26 dB Bandwidth In U-NII 2C (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)
					Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	Ant 1
11a	6Mbps	1	100	5500	17.03	23.28	23.31	29.31	23.98	----
11a	6Mbps	1	116	5580	17.03	25.08	23.31	29.31	23.98	----
11a	6Mbps	1	140	5700	17.18	27.32	23.35	29.35	23.98	----
VHT20	MCS0	1	100	5500	17.98	27.12	23.55	29.55	23.98	----
VHT20	MCS0	1	116	5580	17.93	24.63	23.54	29.54	23.98	----
VHT20	MCS0	1	140	5700	17.93	23.73	23.54	29.54	23.98	----
VHT40	MCS0	1	102	5510	36.56	43.16	23.98	30.00	23.98	----
VHT40	MCS0	1	110	5550	36.56	40.46	23.98	30.00	23.98	----
VHT40	MCS0	1	134	5670	36.86	42.08	23.98	30.00	23.98	----
VHT80	MCS0	1	106	5530	75.52	80.56	23.98	30.00	23.98	----
VHT80	MCS0	1	122	5610	75.52	82.64	23.98	30.00	23.98	----

U-NII-2C straddle channel single antenna										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)	26 dB Bandwidth In U-NII 2C (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	6 dB Bandwidth for Straddle Channel (MHz)
					Ant 1	Ant 1	Ant 1	Ant 1	Ant 1	Ant 1
11a	6Mbps	1	144	5720	17.03	26.17	23.31	29.31	23.98	-
VHT20	MCS0	1	144	5720	17.93	27.97	23.54	29.54	23.98	-
VHT40	MCS0	1	142	5710	36.46	40.55	23.98	30.00	23.98	-
VHT80	MCS0	1	138	5690	75.64	88.07	23.98	30.00	23.98	-

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor(dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 1	Ant 1		
11a	6Mbps	1	100	5500	16.64	23.98	0.60	26.99	Pass
11a	6Mbps	1	116	5580	16.85	23.98	0.60	26.99	Pass
11a	6Mbps	1	140	5700	17.25	23.98	0.60	26.99	Pass
HT20	MCS0	1	100	5500	15.92	23.98	0.60	26.99	Pass
HT20	MCS0	1	116	5580	16.06	23.98	0.60	26.99	Pass
HT20	MCS0	1	140	5700	13.56	23.98	0.60	26.99	Pass
HT40	MCS0	1	102	5510	11.64	23.98	0.60	26.99	Pass
HT40	MCS0	1	110	5550	16.07	23.98	0.60	26.99	Pass
HT40	MCS0	1	134	5670	16.26	23.98	0.60	26.99	Pass
VHT20	MCS0	1	100	5500	16.06	23.98	0.60	26.99	Pass
VHT20	MCS0	1	116	5580	16.27	23.98	0.60	26.99	Pass
VHT20	MCS0	1	140	5700	13.71	23.98	0.60	26.99	Pass
VHT40	MCS0	1	102	5510	11.68	23.98	0.60	26.99	Pass
VHT40	MCS0	1	110	5550	16.19	23.98	0.60	26.99	Pass
VHT40	MCS0	1	134	5670	16.33	23.98	0.60	26.99	Pass
VHT80	MCS0	1	106	5530	11.85	23.98	0.60	26.99	Pass
VHT80	MCS0	1	122	5610	16.24	23.98	0.60	26.99	Pass

FCC U-NII-2C straddle channel single antenna									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor(dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 1	Ant 1		
11a	6Mbps	1	144	5720	17.04	23.98	0.60	26.99	Pass
HT20	MCS0	1	144	5720	15.83	23.98	0.60	26.99	Pass
HT40	MCS0	1	142	5710	16.06	23.98	0.60	26.99	Pass
VHT20	MCS0	1	144	5720	15.93	23.98	0.60	26.99	Pass
VHT40	MCS0	1	142	5710	16.12	23.98	0.60	26.99	Pass
VHT80	MCS0	1	138	5690	16.28	23.98	0.60	26.99	Pass

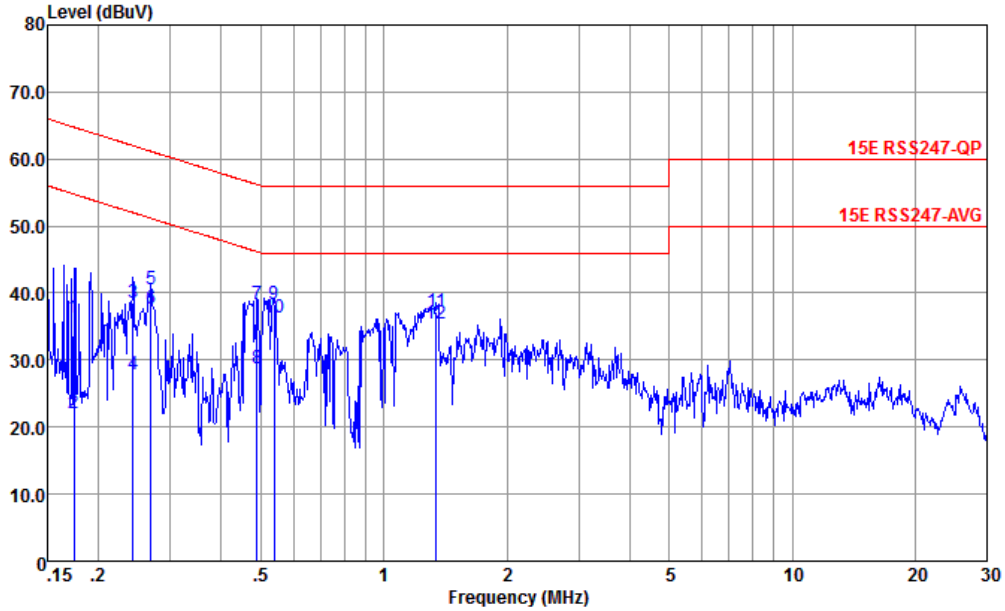
TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	100	5500	4.61	11.00	0.60	Pass
11a	6Mbps	1	116	5580	5.04	11.00	0.60	Pass
11a	6Mbps	1	140	5700	5.31	11.00	0.60	Pass
VHT20	MCS0	1	100	5500	3.47	11.00	0.60	Pass
VHT20	MCS0	1	116	5580	3.93	11.00	0.60	Pass
VHT20	MCS0	1	140	5700	1.62	11.00	0.60	Pass
VHT40	MCS0	1	102	5510	-3.34	11.00	0.60	Pass
VHT40	MCS0	1	110	5550	0.93	11.00	0.60	Pass
VHT40	MCS0	1	134	5670	1.14	11.00	0.60	Pass
VHT80	MCS0	1	106	5530	-6.37	11.00	0.60	Pass
VHT80	MCS0	1	122	5610	-2.51	11.00	0.60	Pass

U-NII-2C straddle channel single antenna								
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	Pass /Fail
					Ant 1	Ant 1	Ant 1	
11a	6Mbps	1	144	5720	4.54	11.00	0.60	Pass
VHT20	MCS0	1	144	5720	4.15	11.00	0.60	Pass
VHT40	MCS0	1	142	5710	-0.16	11.00	0.60	Pass
VHT80	MCS0	1	138	5690	-3.30	11.00	0.60	Pass

Appendix B. AC Conducted Emission Test Results

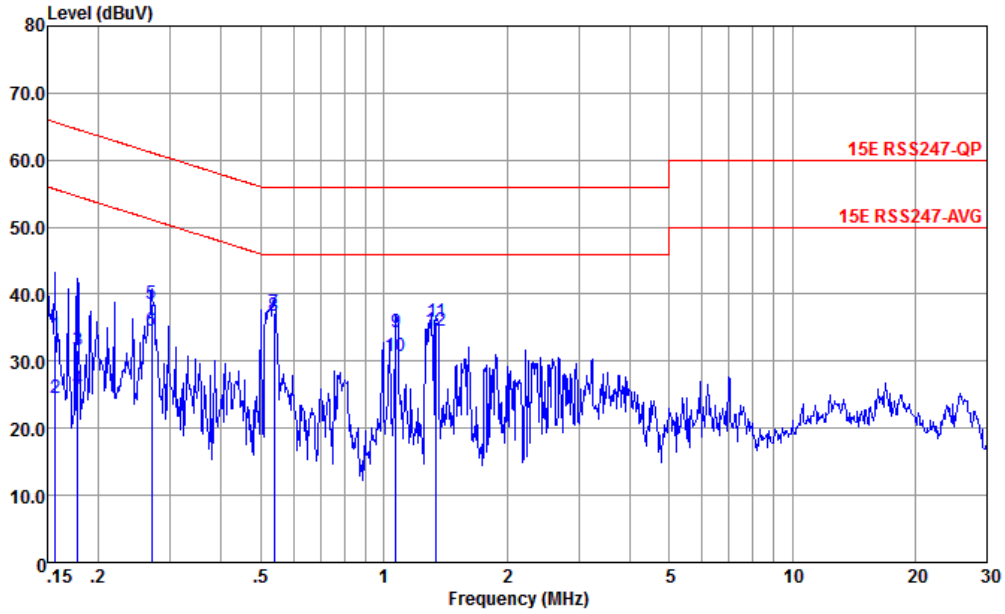
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060105-LINE LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.174	36.37	-28.40	64.77	25.91	0.04	10.42	QP
2	0.174	22.07	-32.70	54.77	11.61	0.04	10.42	Average
3	0.243	38.53	-23.47	62.00	28.10	0.04	10.39	QP
4	0.243	27.93	-24.07	52.00	17.50	0.04	10.39	Average
5	0.269	40.62	-20.54	61.16	30.20	0.05	10.37	QP
6	0.269	37.62	-13.54	51.16	27.20	0.05	10.37	Average
7	0.489	38.29	-17.90	56.19	28.10	-0.03	10.22	QP
8	0.489	28.69	-17.50	46.19	18.50	-0.03	10.22	Average
9	0.538	38.26	-17.74	56.00	28.10	-0.04	10.20	QP
10 *	0.538	36.36	-9.64	46.00	26.20	-0.04	10.20	Average
11	1.345	37.18	-18.82	56.00	27.20	-0.11	10.09	QP
12	1.345	35.48	-10.52	46.00	25.50	-0.11	10.09	Average

Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060105-NEUTRAL NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.156	33.96	-31.69	65.65	23.50	0.03	10.43	QP
2		0.156	24.56	-31.09	55.65	14.10	0.03	10.43	Average
3		0.178	31.67	-32.92	64.59	21.21	0.04	10.42	QP
4		0.178	25.77	-28.82	54.59	15.31	0.04	10.42	Average
5		0.270	38.44	-22.68	61.12	28.09	-0.02	10.37	QP
6		0.270	34.44	-16.68	51.12	24.09	-0.02	10.37	Average
7		0.538	37.32	-18.68	56.00	27.20	-0.08	10.20	QP
8	*	0.538	36.82	-9.18	46.00	26.70	-0.08	10.20	Average
9		1.071	34.29	-21.71	56.00	24.30	-0.11	10.10	QP
10		1.071	30.79	-15.21	46.00	20.80	-0.11	10.10	Average
11		1.345	35.87	-20.13	56.00	25.89	-0.11	10.09	QP
12		1.345	34.57	-11.43	46.00	24.59	-0.11	10.09	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Modulation	Channel	Frequency	Data Rate	Remark
Mode 1	U-NII-1	5.15-5.25	802.11a	36	5180	6Mbps	-
Mode 2	U-NII-1	5.15-5.25	802.11a	44	5220	6Mbps	-
Mode 3	U-NII-1	5.15-5.25	802.11a	48	5240	6Mbps	-
Mode 4	U-NII-2A	5.25-5.35	802.11a	52	5260	6Mbps	-
Mode 5	U-NII-2A	5.25-5.35	802.11a	60	5300	6Mbps	-
Mode 6	U-NII-2A	5.25-5.35	802.11a	64	5320	6Mbps	-
Mode 7	U-NII-2C	5.47-5.725	802.11a	100	5500	6Mbps	-
Mode 8	U-NII-2C	5.47-5.725	802.11a	116	5580	6Mbps	-
Mode 9	U-NII-2C	5.47-5.725	802.11a	140	5700	6Mbps	-
Mode 10	U-NII-1	5.15-5.25	802.11ac VHT20	36	5180	MCS0	-
Mode 11	U-NII-1	5.15-5.25	802.11ac VHT20	44	5220	MCS0	-
Mode 12	U-NII-1	5.15-5.25	802.11ac VHT20	48	5240	MCS0	-
Mode 13	U-NII-2A	5.25-5.35	802.11ac VHT20	52	5260	MCS0	-
Mode 14	U-NII-2A	5.25-5.35	802.11ac VHT20	60	5300	MCS0	-
Mode 15	U-NII-2A	5.25-5.35	802.11ac VHT20	64	5320	MCS0	-
Mode 16	U-NII-2C	5.47-5.725	802.11ac VHT20	100	5500	MCS0	-
Mode 17	U-NII-2C	5.47-5.725	802.11ac VHT20	116	5580	MCS0	-
Mode 18	U-NII-2C	5.47-5.725	802.11ac VHT20	140	5700	MCS0	-
Mode 19	U-NII-1	5.15-5.25	802.11ac VHT40	38	5190	MCS0	-
Mode 20	U-NII-1	5.15-5.25	802.11ac VHT40	46	5230	MCS0	-
Mode 21	U-NII-2A	5.25-5.35	802.11ac VHT40	54	5270	MCS0	-
Mode 22	U-NII-2A	5.25-5.35	802.11ac VHT40	62	5310	MCS0	-

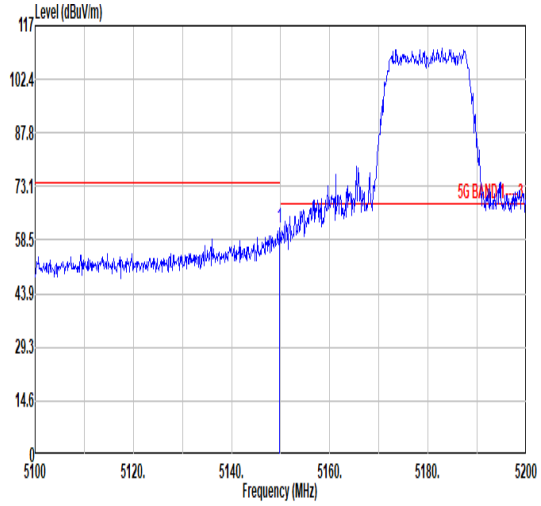
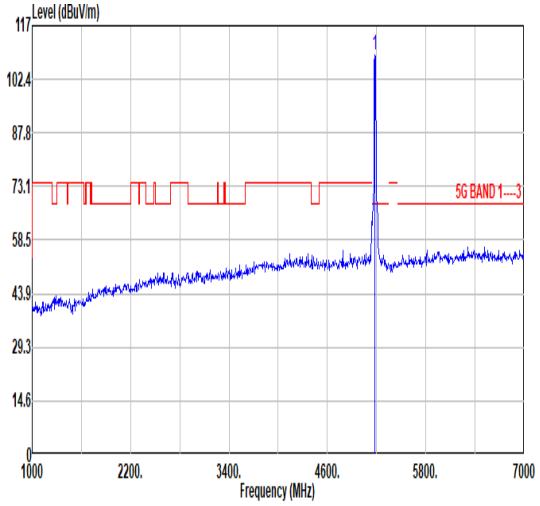
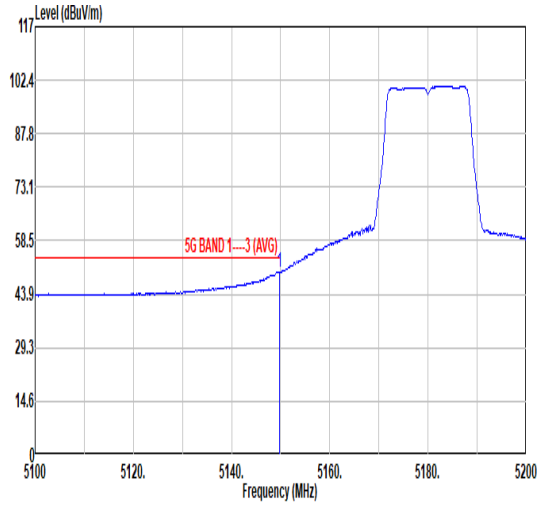
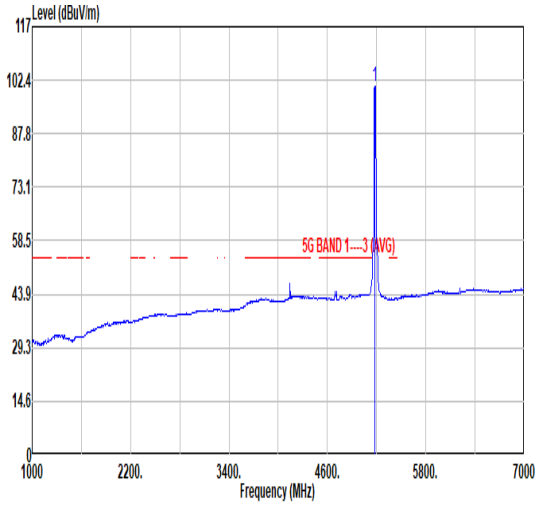
Mode	Band	Band (GHz)	Modulation	Channel	Frequency	Data Rate	Remark
Mode 23	U-NII-2C	5.47-5.725	802.11ac VHT40	102	5510	MCS0	-
Mode 24	U-NII-2C	5.47-5.725	802.11ac VHT40	110	5550	MCS0	-
Mode 25	U-NII-2C	5.47-5.725	802.11ac VHT40	134	5670	MCS0	-
Mode 26	U-NII-1	5.15-5.25	802.11ac VHT80	42	5210	MCS0	-
Mode 27	U-NII-2A	5.25-5.35	802.11ac VHT80	58	5290	MCS0	-
Mode 28	U-NII-2C	5.47-5.725	802.11ac VHT80	106	5530	MCS0	-
Mode 29	U-NII-2C	5.47-5.725	802.11ac VHT80	122	5610	MCS0	-
Mode 30	U-NII-2A	5.25-5.35	802.11ac VHT80	58	5290	MCS0	LF
Mode 31	U-NII-2C	5.47-5.85	802.11a	144	5720	6Mbps	-
Mode 32	U-NII-2C	5.47-5.85	802.11ac VHT20	144	5720	MCS0	-
Mode 33	U-NII-2C	5.47-5.85	802.11ac VHT40	142	5710	MCS0	-
Mode 34	U-NII-2C	5.47-5.85	802.11ac VHT80	138	5690	MCS0	-

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.80	49.99	54.00	-4.01	H	AVERAGE	Pass	Band Edge
1	802.11a	36	10360.00	44.27	68.30	-24.03	V	PEAK	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	15660.00	38.96	54.00	-15.04	V	AVERAGE	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	10480	44.75	68.3	-23.55	H	PEAK	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
4	802.11a	52	10520.00	45.04	68.30	-23.26	H	PEAK	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
5	802.11a	60	10600.00	44.44	74	-29.56	V	PEAK	Pass	Harmonic
6	802.11a	64	5350.00	46.55	54.00	-7.45	H	AVERAGE	Pass	Band Edge
6	802.11a	64	10640.00	42.87	74.00	-31.13	H	PEAK	Pass	Harmonic
7	802.11a	100	5469.84	61.66	68.30	-6.64	H	PEAK	Pass	Band Edge
7	802.11a	100	11000.00	43.70	74.00	-30.30	H	PEAK	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
8	802.11a	116	11160.00	44.32	74.00	-29.68	V	PEAK	Pass	Harmonic
9	802.11a	140	5727.32	60.45	68.30	-7.85	H	PEAK	Pass	Band Edge
9	802.11a	140	11400.00	44.35	74.00	-29.65	V	PEAK	Pass	Harmonic
10	802.11ac VHT20	36	5150.00	50.67	54.00	-3.33	H	AVERAGE	Pass	Band Edge
10	802.11ac VHT20	36	10360.00	44.96	68.30	-23.34	H	PEAK	Pass	Harmonic
11	802.11ac VHT20	44	-	-	-	-	-	-	-	Band Edge
11	802.11ac VHT20	44	10440.00	46.32	68.30	-21.98	H	PEAK	Pass	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
12	802.11ac VHT20	48	-	-	-	-	-	-	-	Band Edge
12	802.11ac VHT20	48	10480.00	45.11	68.30	-23.19	H	PEAK	Pass	Harmonic
13	802.11ac VHT20	52	-	-	-	-	-	-	-	Band Edge
13	802.11ac VHT20	52	10520.00	44.79	68.30	-23.51	H	PEAK	Pass	Harmonic
14	802.11ac VHT20	60	-	-	-	-	-	-	-	Band Edge
14	802.11ac VHT20	60	10600.00	43.83	74	-30.17	H	PEAK	Pass	Harmonic
15	802.11ac VHT20	64	5350.10	49.26	54.00	-4.74	H	AVERAGE	Pass	Band Edge
15	802.11ac VHT20	64	10640.00	43.52	74.00	-30.48	V	PEAK	Pass	Harmonic
16	802.11ac VHT20	100	5469.20	64.86	68.30	-3.44	H	PEAK	Pass	Band Edge
16	802.11ac VHT20	100	11000.00	44.00	74.00	-30.00	H	PEAK	Pass	Harmonic
17	802.11ac VHT20	116	-	-	-	-	-	-	-	Band Edge
17	802.11ac VHT20	116	11160.00	44.66	74.00	-29.34	V	PEAK	Pass	Harmonic
18	802.11ac VHT20	140	5728.86	63.65	68.30	-4.65	H	PEAK	Pass	Band Edge
18	802.11ac VHT20	140	11400.00	43.13	74.00	-30.87	H	PEAK	Pass	Harmonic
19	802.11ac VHT40	38	5149.20	49.22	54.00	-4.78	H	AVERAGE	Pass	Band Edge
19	802.11ac VHT40	38	10380.00	44.46	68.30	-23.84	V	PEAK	Pass	Harmonic
20	802.11ac VHT40	46	5148.16	44.60	54.00	-9.40	H	AVERAGE	Pass	Band Edge
20	802.11ac VHT40	46	10460.00	45.21	68.30	-23.09	H	PEAK	Pass	Harmonic
21	802.11ac VHT40	54	5350.18	42.46	54.00	-11.54	H	AVERAGE	Pass	Band Edge
21	802.11ac VHT40	54	10540.00	44.37	68.30	-23.93	V	PEAK	Pass	Harmonic
22	802.11ac VHT40	62	5353.50	50.04	54.00	-3.96	H	AVERAGE	Pass	Band Edge
22	802.11ac VHT40	62	10620.00	43.80	74.00	-30.20	V	PEAK	Pass	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11ac VHT40	102	5459.92	50.39	54.00	-3.61	H	AVERAGE	Pass	Band Edge
23	802.11ac VHT40	102	11020.00	43.85	74.00	-30.15	V	PEAK	Pass	Harmonic
24	802.11ac VHT40	110	5458.80	42.11	54.00	-11.89	H	AVERAGE	Pass	Band Edge
24	802.11ac VHT40	110	11100.00	44.05	74.00	-29.95	H	PEAK	Pass	Harmonic
25	802.11ac VHT40	134	5725.67	61.08	68.30	-7.22	H	PEAK	Pass	Band Edge
25	802.11ac VHT40	134	11340.00	42.43	74.00	-31.57	H	PEAK	Pass	Harmonic
26	802.11ac VHT80	42	5149.94	50.29	54.00	-3.71	H	AVERAGE	Pass	Band Edge
26	802.11ac VHT80	42	10420.00	41.76	68.30	-26.54	H	PEAK	Pass	Harmonic
27	802.11ac VHT80	58	5351.37	50.82	54.00	-3.18	H	AVERAGE	Pass	Band Edge
27	802.11ac VHT80	58	62.98	34.09	40.00	-5.91	V	Peak	Pass	LF
28	802.11ac VHT80	106	5459.08	49.97	54.00	-4.03	H	AVERAGE	Pass	Band Edge
28	802.11ac VHT80	106	11060.00	42.19	74.00	-31.81	V	PEAK	Pass	Harmonic
29	802.11ac VHT80	122	5458.96	44.26	54.00	-9.74	H	AVERAGE	Pass	Band Edge
29	802.11ac VHT80	122	11220.00	41.91	74.00	-32.09	H	PEAK	Pass	Harmonic
30	802.11ac VHT80	58	62.98	34.09	40.00	-5.91	V	Peak	Pass	LF
31	802.11a	144	-	-	-	-	-	-	-	Band Edge
31	802.11a	144	11440.00	46.54	74.00	-27.46	H	PEAK	Pass	Harmonic
32	802.11ac VHT20	144	-	-	-	-	-	-	-	Band Edge
32	802.11ac VHT20	144	11440.00	46.96	74.00	-27.04	V	PEAK	Pass	Harmonic
33	802.11ac VHT40	142	-	-	-	-	-	-	-	Band Edge
33	802.11ac VHT40	142	11420.00	47.06	74.00	-26.94	V	PEAK	Pass	Harmonic
34	802.11ac VHT80	138	-	-	-	-	-	-	-	Band Edge
34	802.11ac VHT80	138	11380.00	45.15	74.00	-28.85	V	PEAK	Pass	Harmonic

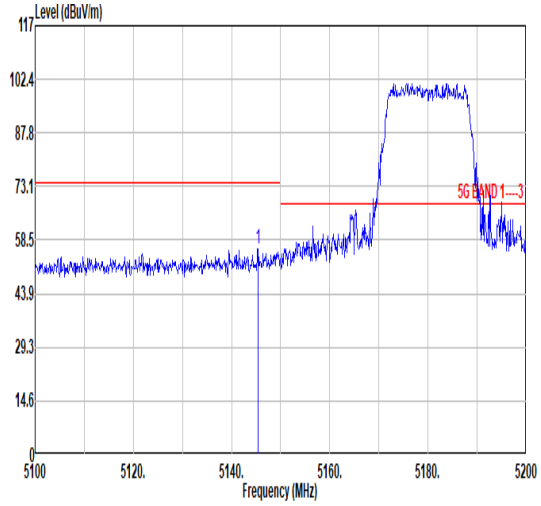
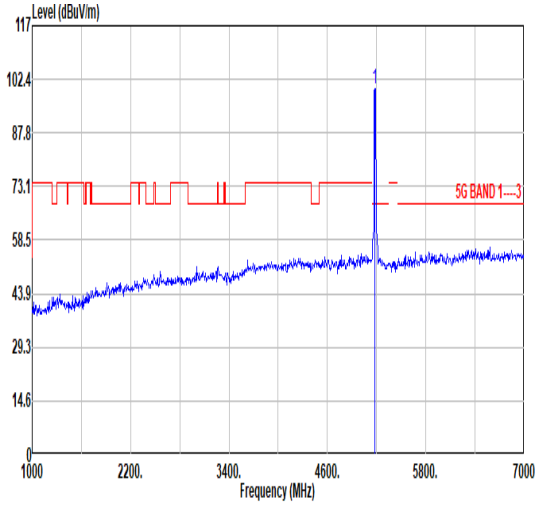
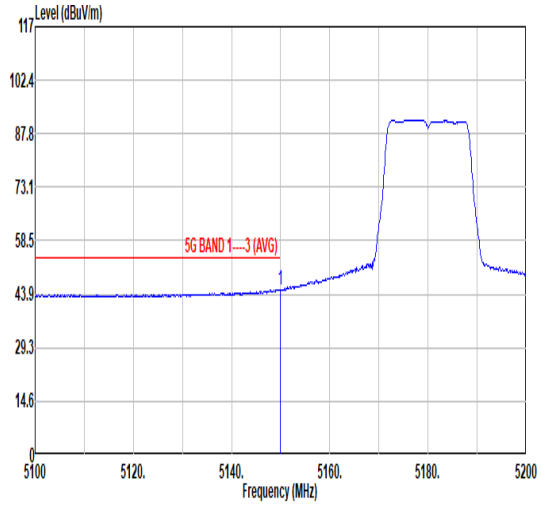
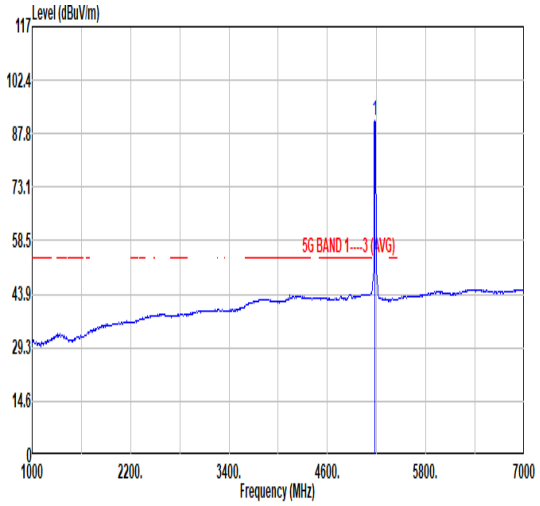
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

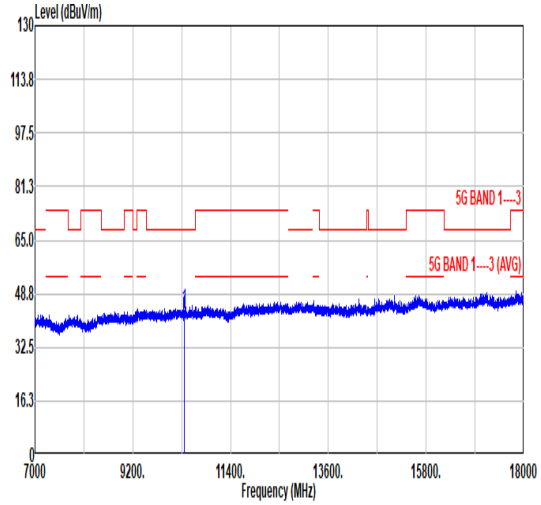
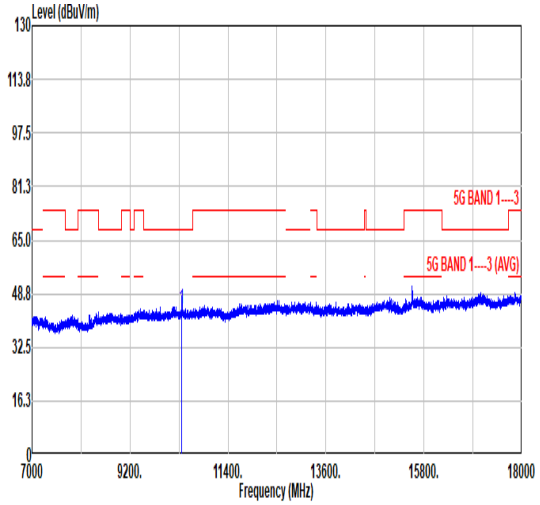
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.80	62.03	74.00	-11.97	49.94	34.10	9.79	31.80	0.00	100	176	PEAK

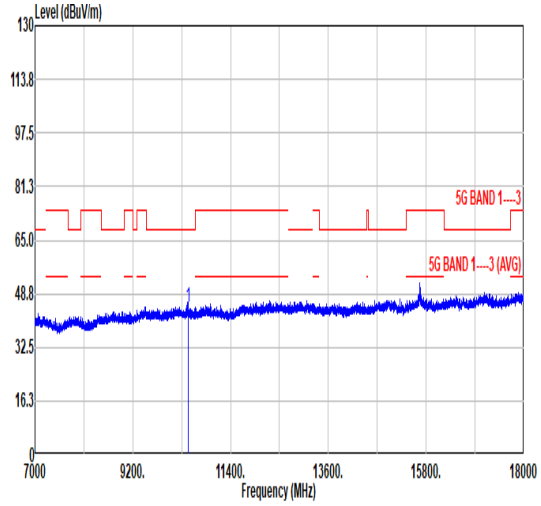
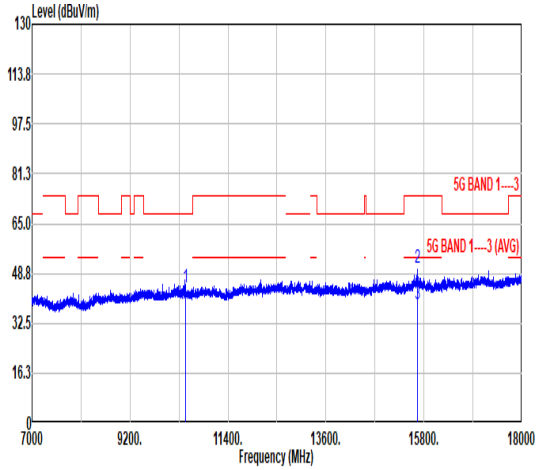
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	109.19	------	------	97.10	34.10	9.81	31.82	0.00	100	176	PEAK

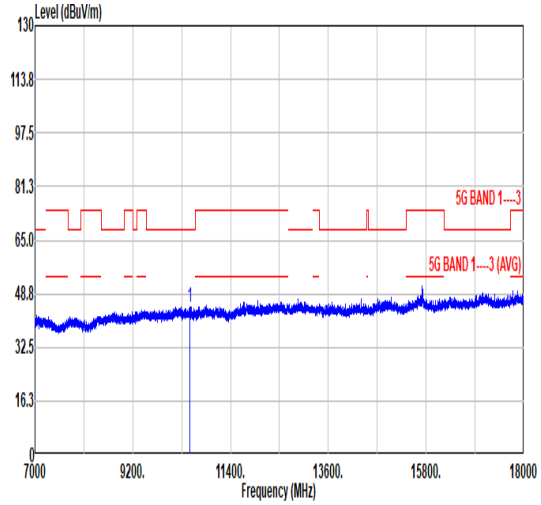
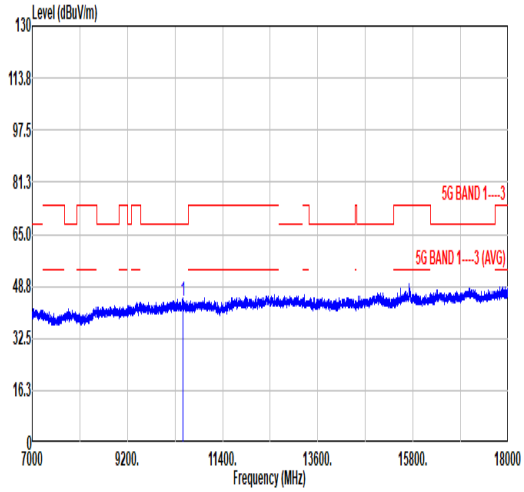
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.80	49.99	54.00	-4.01	37.90	34.10	9.79	31.80	0.00	100	176	AVERAGE

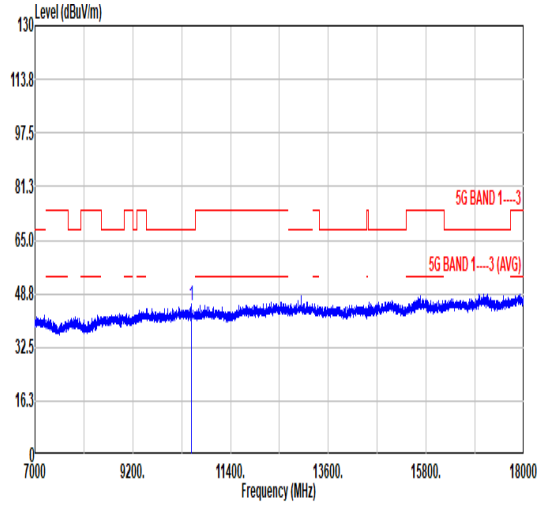
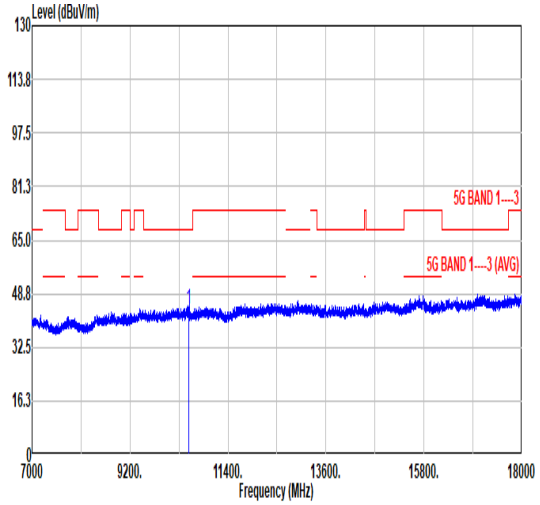
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	100.62	------	------	88.53	34.10	9.81	31.82	0.00	100	176	AVERAGE

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
Pol.	Vertical	Fundamental
Peak	 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 5145.40 56.12 74.00 -17.88 44.04 34.10 9.78 31.80 0.00 300 263 PEAK	 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 99.92 ------ ------ 87.83 34.10 9.82 31.83 0.00 300 263 PEAK
Avg	 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 45.19 54.00 -8.81 33.10 34.10 9.79 31.80 0.00 300 263 AVERAGE	 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 91.42 ------ ------ 79.33 34.10 9.81 31.82 0.00 300 263 AVERAGE

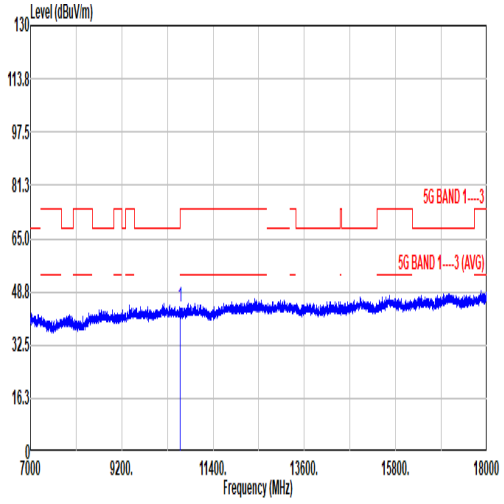
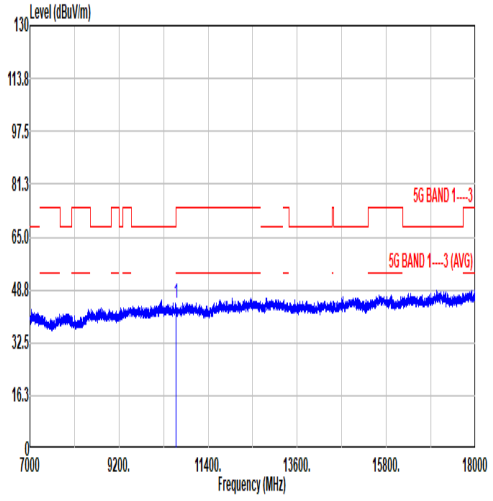
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 44.21 68.30 -24.09 58.44 37.46 15.45 67.14 0.00 300 0 PEAK	 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 10360.00 44.27 68.30 -24.03 58.50 37.46 15.45 67.14 0.00 100 0 PEAK

Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10440.00 44.63 68.30 -23.67 58.71 37.51 15.52 67.11 0.00 300 0 PEAK	 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 10440.00 44.10 68.30 -24.20 58.18 37.51 15.52 67.11 0.00 100 0 PEAK 2 15660.00 50.35 74.00 -23.65 55.20 40.20 19.12 64.17 0.00 100 0 PEAK 3 15660.00 38.96 54.00 -15.04 43.82 40.19 19.12 64.17 0.00 199 119 AVERAGE

Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10480.00 44.75 68.30 -23.55 58.75 37.54 15.56 67.10 0.00 300 0 PEAK	 Freq Level Limit Line Over Limit 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 10480.00 44.25 68.30 -24.05 58.25 37.54 15.56 67.10 0.00 100 0 PEAK

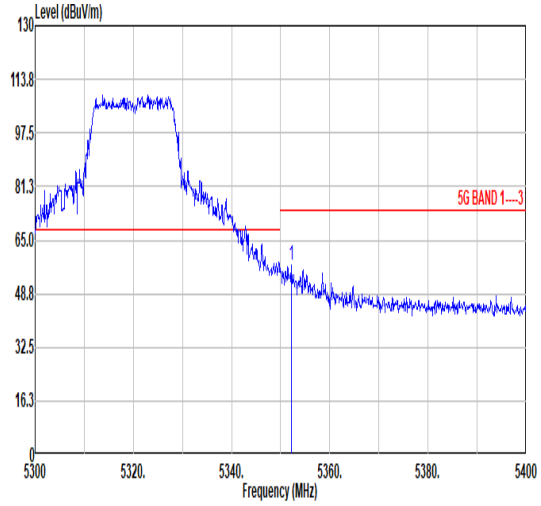
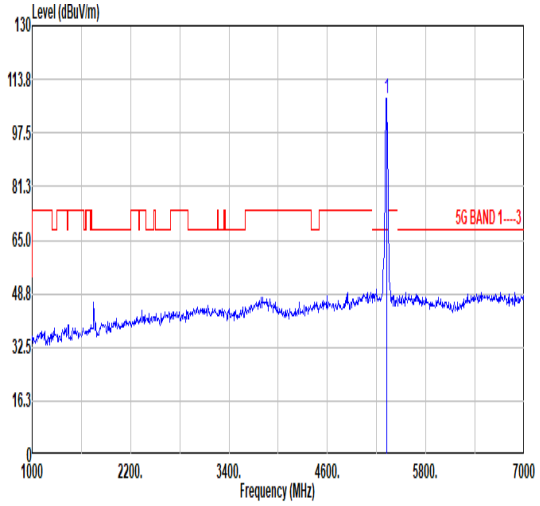
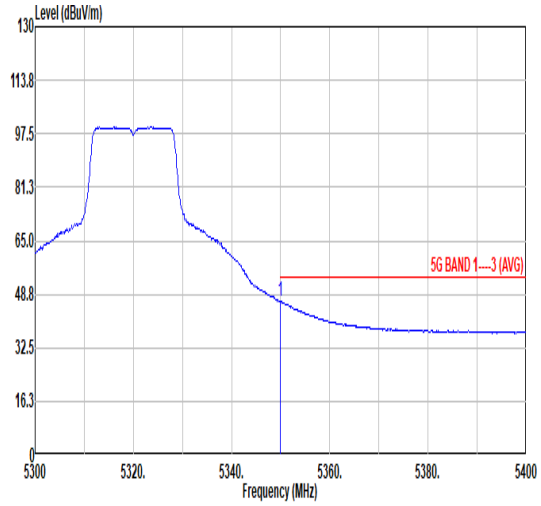
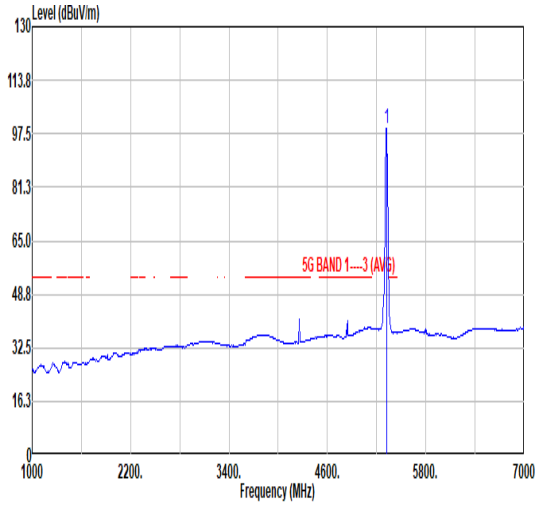
Mode	4	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 45.04 68.30 -23.26 58.95 37.57 15.60 67.08 0.00 300 0 PEAK	 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 10520.00 43.96 68.30 -24.34 57.87 37.57 15.60 67.08 0.00 100 0 PEAK

Mode	5
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz

Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Over Limit	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	10600.00	43.99	74.00	-30.01	57.75	37.62	15.67	67.05	0.00	300	0	PEAK

	Freq	Level	Limit Line	Over Limit	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	10600.00	44.44	74.00	-29.56	58.20	37.62	15.67	67.05	0.00	100	0	PEAK

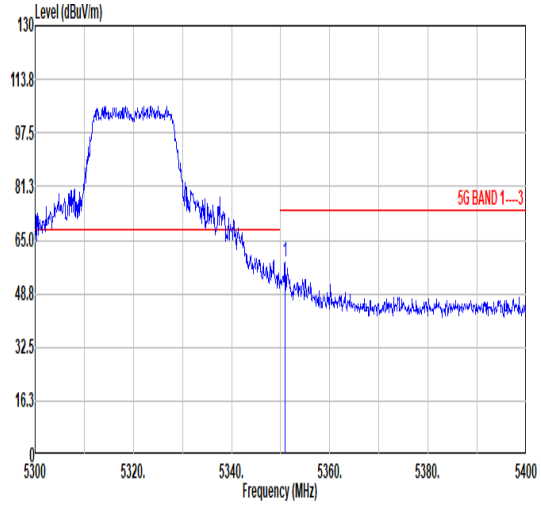
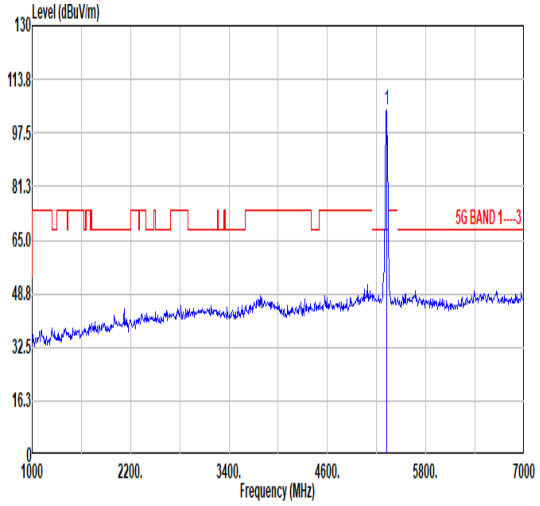
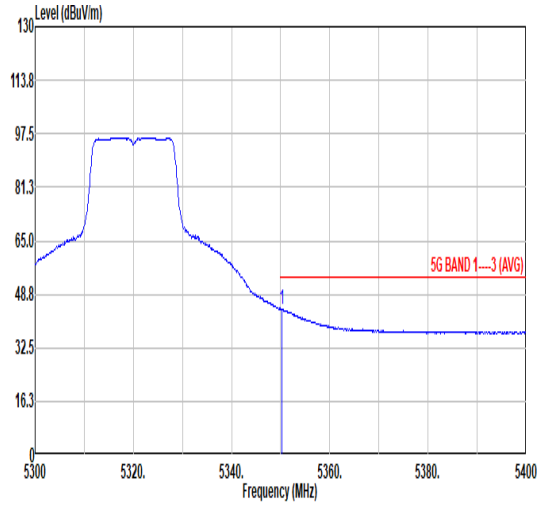
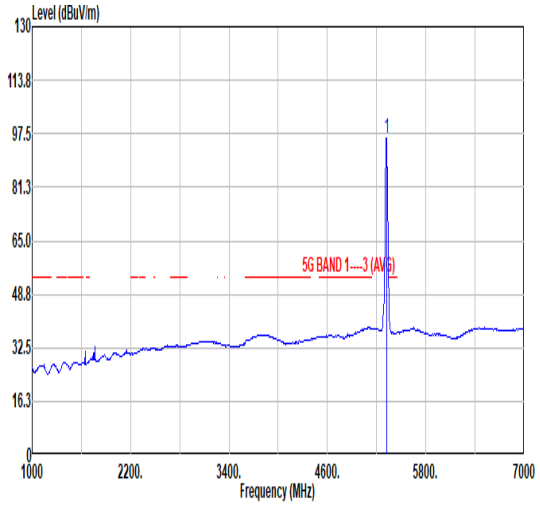
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5352.20	57.20	74.00	-16.80	48.59	34.53	10.75	36.67	0.00	300	179	PEAK

	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	5320.00	107.97	------	------	99.47	34.49	10.73	36.72	0.00	300	179	PEAK

	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	5350.00	46.55	54.00	-7.45	37.95	34.52	10.75	36.67	0.00	300	179	AVERAGE

	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	5320.00	99.25	------	------	90.75	34.49	10.73	36.72	0.00	300	179	AVERAGE

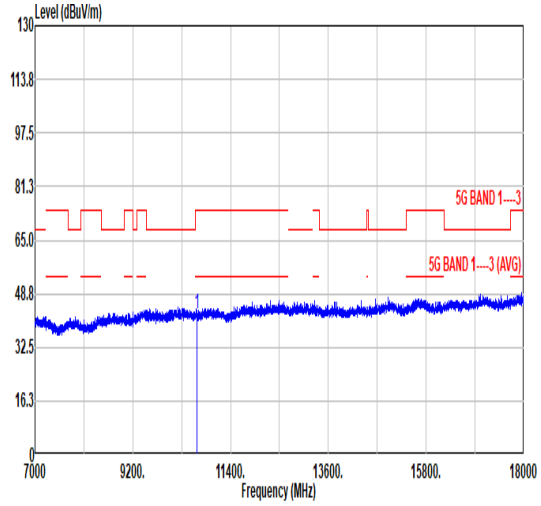
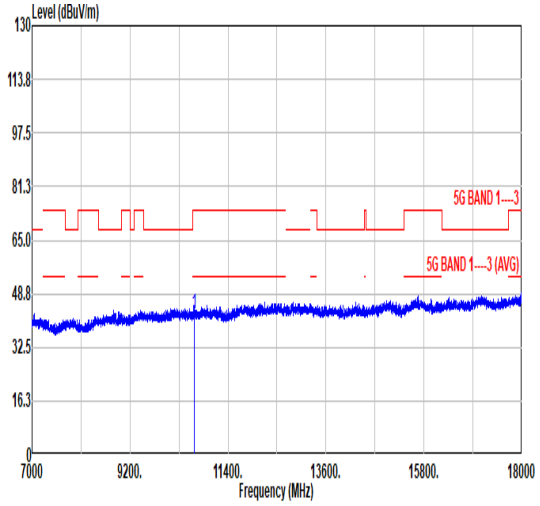
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

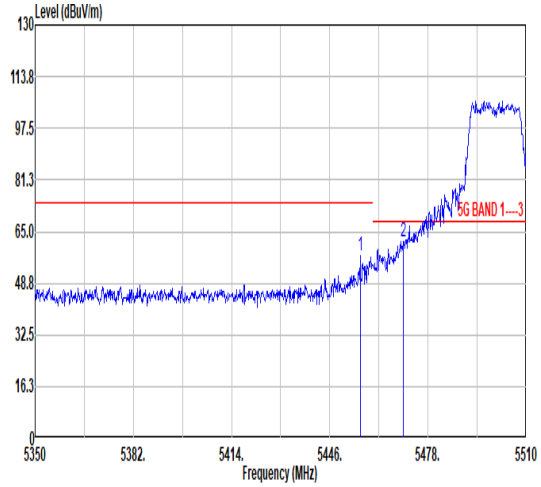
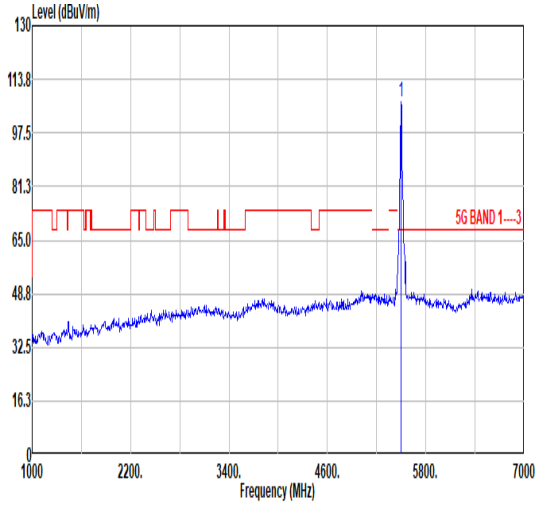
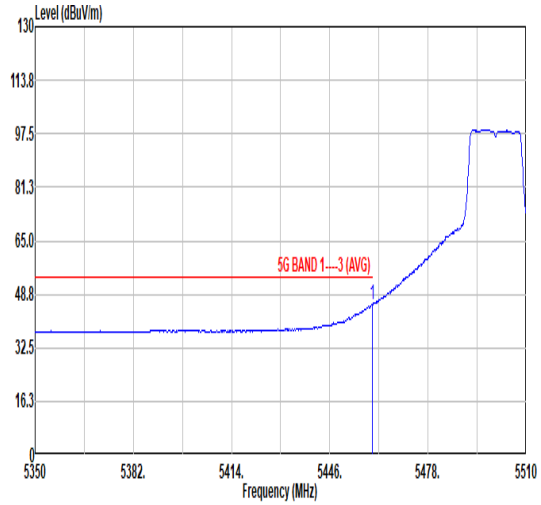
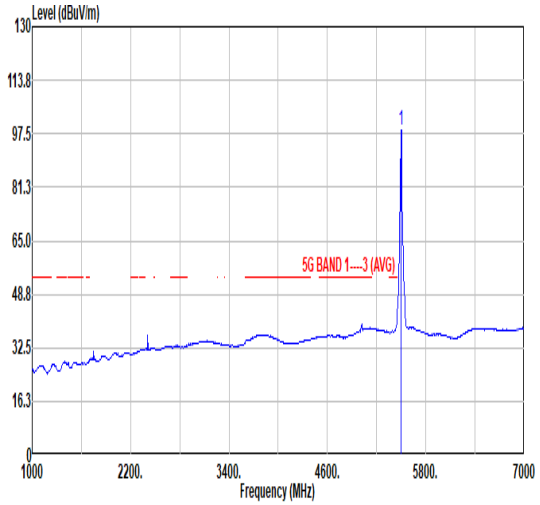
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5350.90	58.28	74.00	-15.72	49.68	34.52	10.75	36.67	0.00	372	77	PEAK

	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	5320.00	104.64	------	------	96.14	34.49	10.73	36.72	0.00	372	77	PEAK

	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	5350.30	44.20	54.00	-9.80	35.60	34.52	10.75	36.67	0.00	372	77	AVERAGE

	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	5320.00	96.08	------	------	87.62	34.47	10.73	36.74	0.00	372	77	AVERAGE

Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10640.00 42.87 74.00 -31.13 56.55 37.65 15.71 67.04 0.00 300 0 PEAK	 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 10640.00 42.68 74.00 -31.32 56.36 37.65 15.71 67.04 0.00 100 0 PEAK

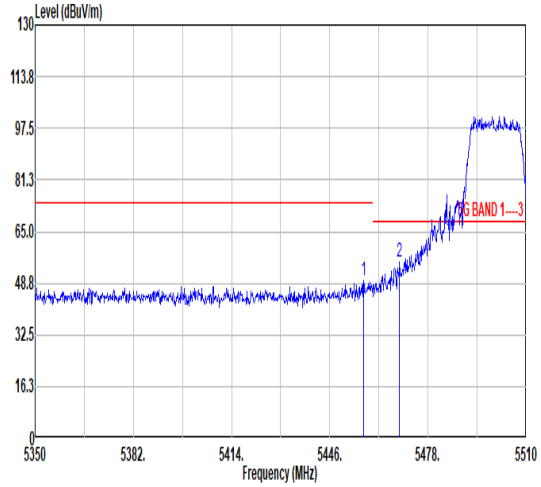
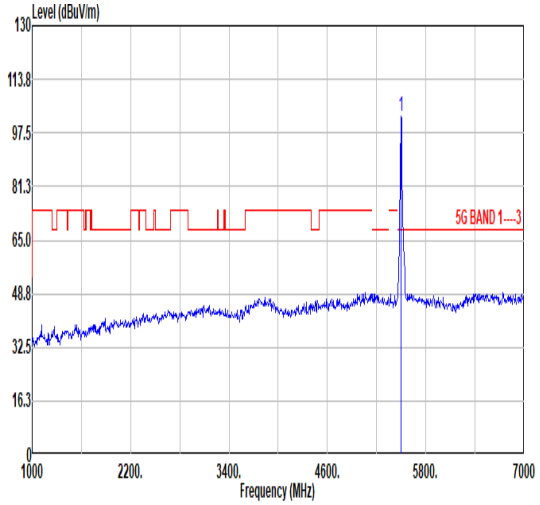
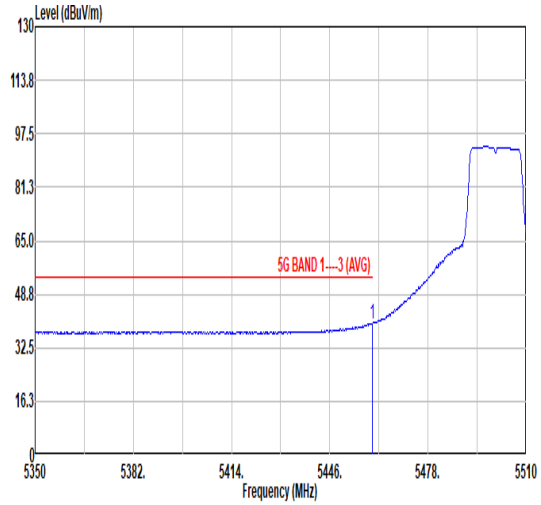
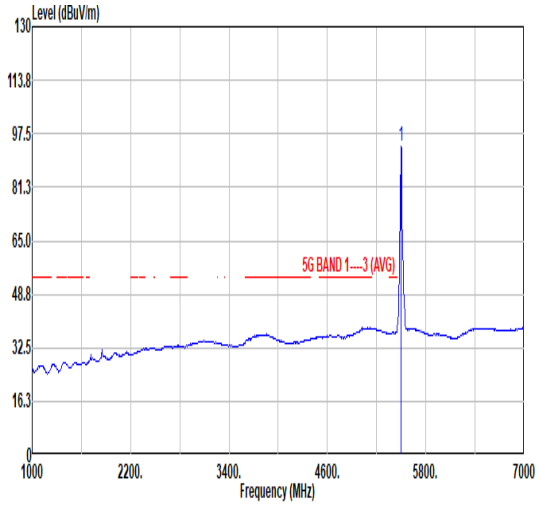
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5455.92	57.35	74.00	-16.65	48.40	34.58	10.84	36.47	0.00	100	127	PEAK
2	5469.84	61.66	68.30	-6.64	52.68	34.57	10.85	36.44	0.00	100	127	PEAK

	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	5500.00	107.17	------	------	98.13	34.56	10.88	36.40	0.00	100	127	PEAK

	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	5459.76	45.70	54.00	-8.30	36.74	34.58	10.84	36.46	0.00	100	127	AVERAGE

	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	5500.00	98.61	------	------	89.57	34.56	10.88	36.40	0.00	100	127	AVERAGE

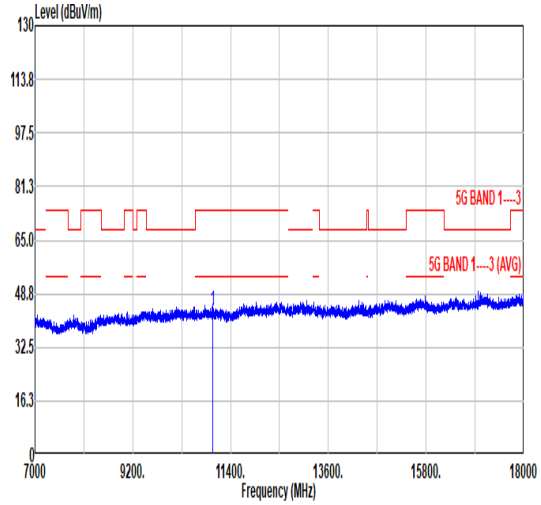
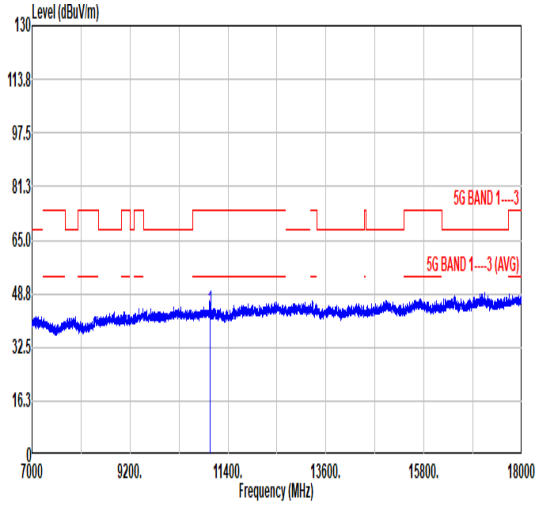
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

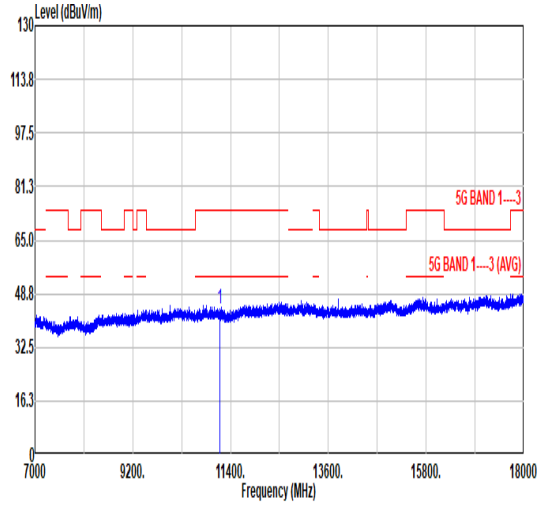
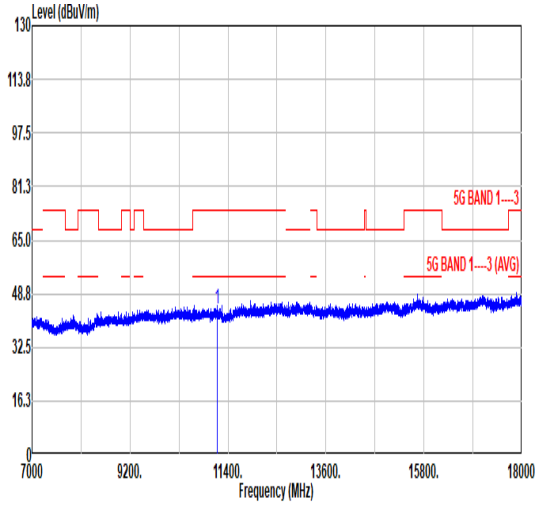
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5457.04	49.45	74.00	-24.55	40.50	34.58	10.84	36.47	0.00	310	60	PEAK
2	5468.72	55.30	68.30	-13.00	46.33	34.57	10.85	36.45	0.00	310	60	PEAK

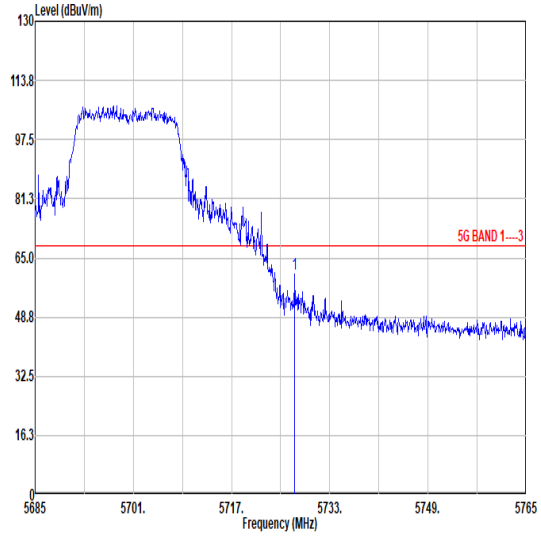
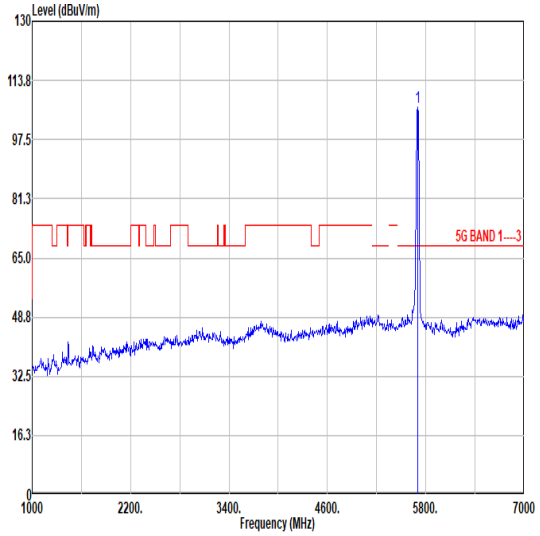
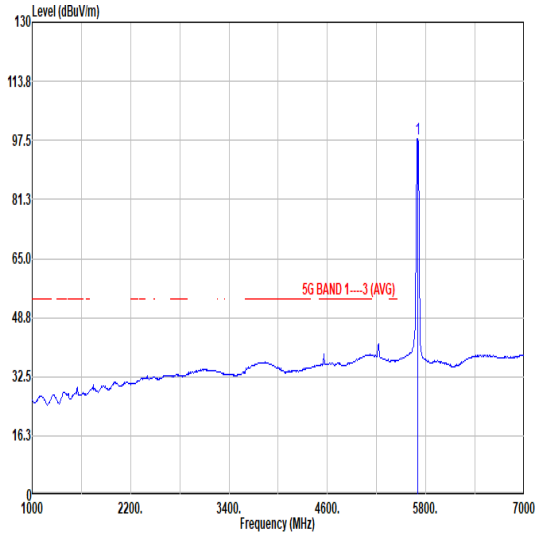
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	102.64	------	------	93.60	34.56	10.88	36.40	0.00	310	60	PEAK

	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	5459.76	39.89	54.00	-14.11	30.93	34.58	10.84	36.46	0.00	310	60	AVERAGE

	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	5500.00	93.52	------	------	84.48	34.56	10.88	36.40	0.00	310	60	AVERAGE

Mode	7	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11000.00 43.70 74.00 -30.30 56.67 37.90 16.04 66.91 0.00 300 0 PEAK	 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 11000.00 43.50 74.00 -30.50 56.47 37.90 16.04 66.91 0.00 100 0 PEAK

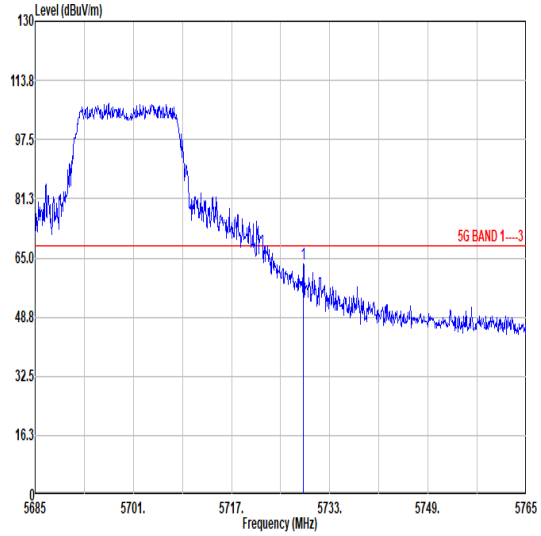
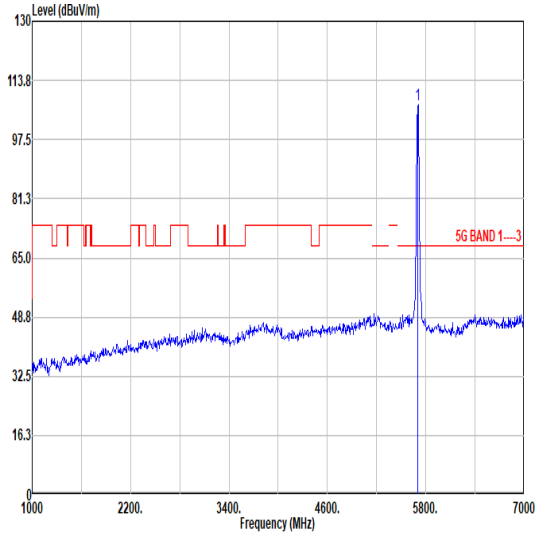
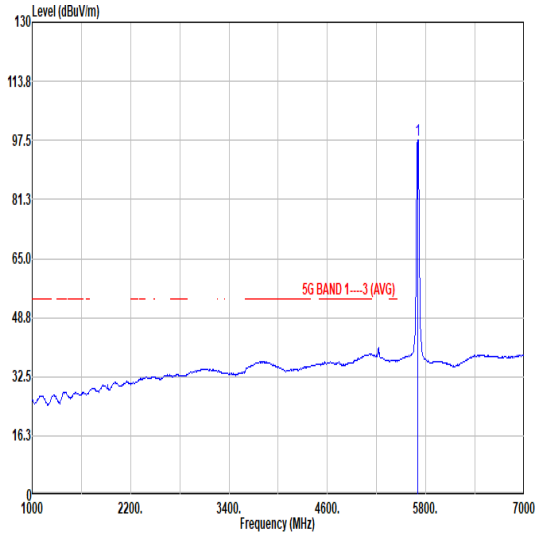
Mode	8	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11160.00 43.98 74.00 -30.02 56.65 38.03 16.15 66.85 0.00 300 0 PEAK	 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 11160.00 44.32 74.00 -29.68 56.99 38.03 16.15 66.85 0.00 100 0 PEAK

Mode	9	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg	Blank	

	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	5727.32	60.45	68.30	-7.85	52.24	34.69	11.18	37.66	0.00	100	126	PEAK

	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	5700.00	106.51	------	------	97.89	34.61	11.14	37.13	0.00	100	126	PEAK

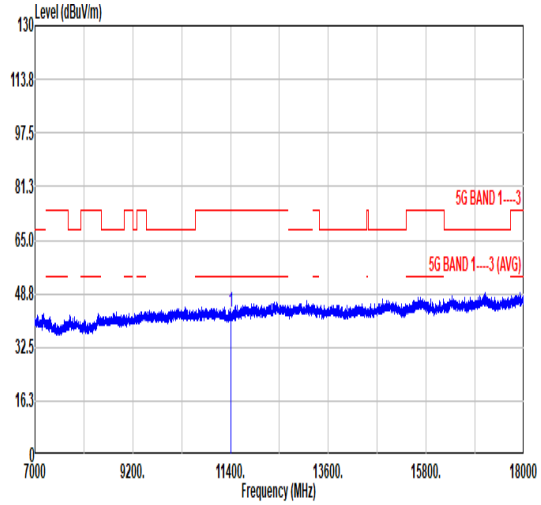
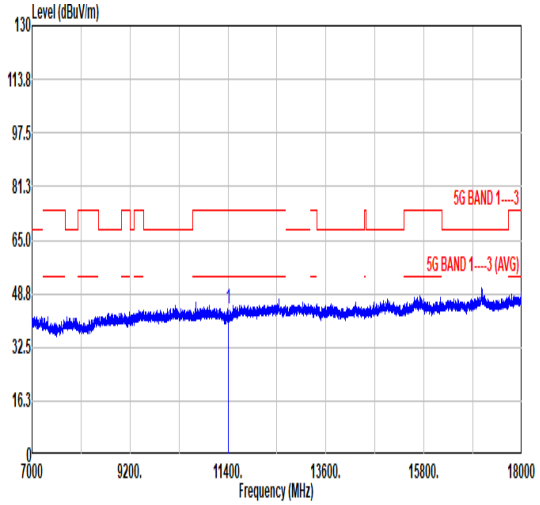
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5700.00	98.00	------	------	89.31	34.59	11.13	37.03	0.00	100	126	AVERAGE

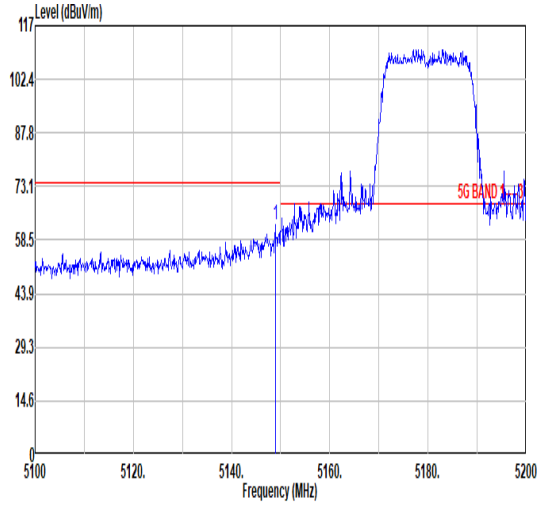
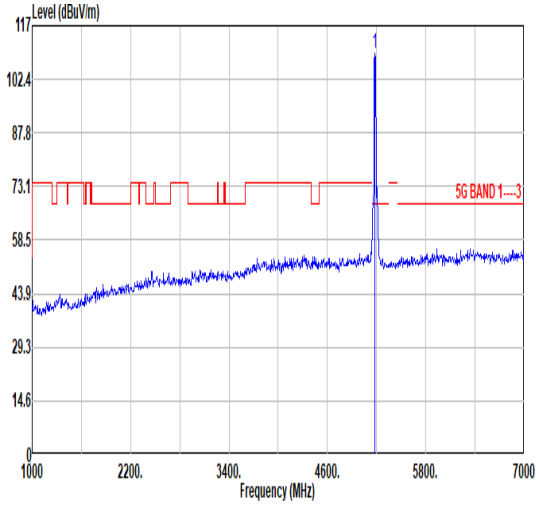
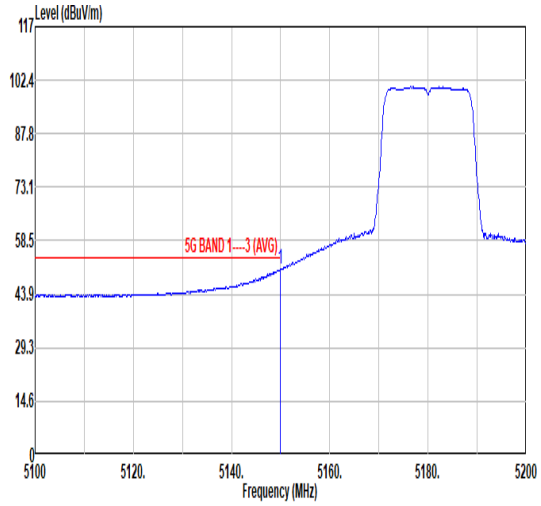
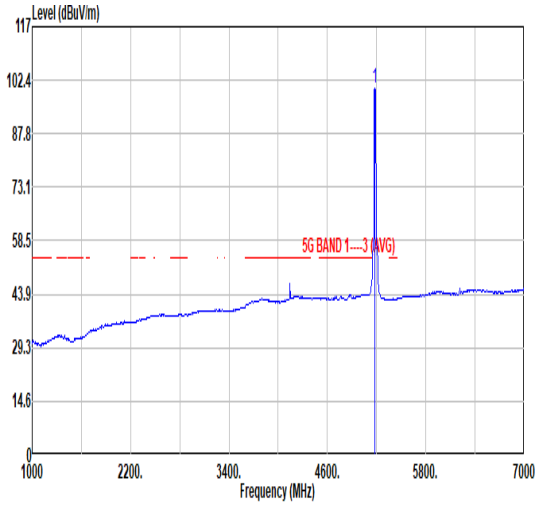
Mode	9	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
Pol.	Vertical	Fundamental
Peak		
Avg	Blank	

	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	5728.68	63.54	68.30	-4.76	55.35	34.69	11.18	37.68	0.00	300	91	PEAK

	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	5700.00	106.99	------	------	98.54	34.64	11.16	37.35	0.00	300	91	PEAK

	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	5700.00	97.72	------	------	89.19	34.62	11.15	37.24	0.00	300	91	AVERAGE

Mode	9	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11400.00 43.33 74.00 -30.67 55.58 38.22 16.30 66.77 0.00 300 0 PEAK	 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 11400.00 44.35 74.00 -29.65 56.60 38.22 16.30 66.77 0.00 100 0 PEAK

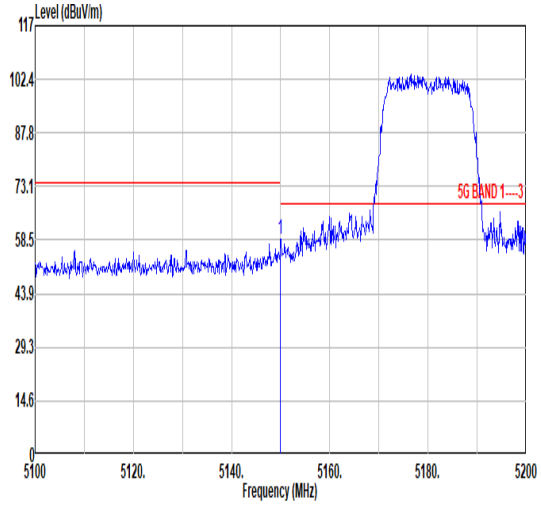
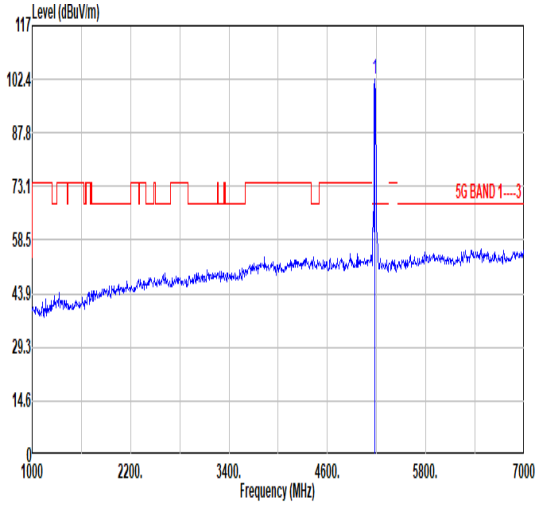
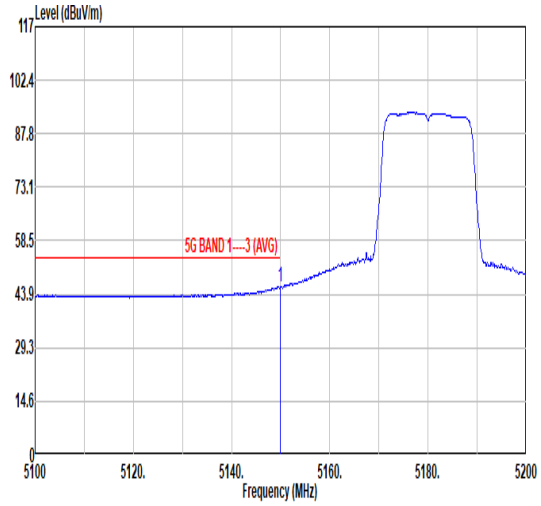
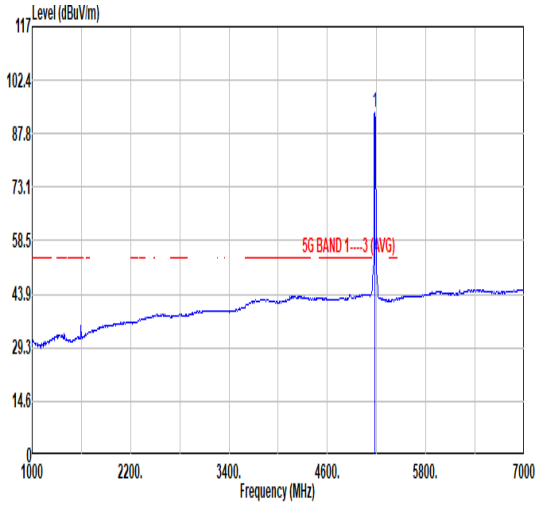
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36-5180MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5148.90	62.73	74.00	-11.27	50.64	34.10	9.79	31.80	0.00	102	177	PEAK

	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	109.28	------	------	97.19	34.10	9.81	31.82	0.00	102	177	PEAK

	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	50.67	54.00	-3.33	38.58	34.10	9.79	31.80	0.00	102	177	AVERAGE

	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	100.39	------	------	88.30	34.10	9.81	31.82	0.00	102	177	AVERAGE

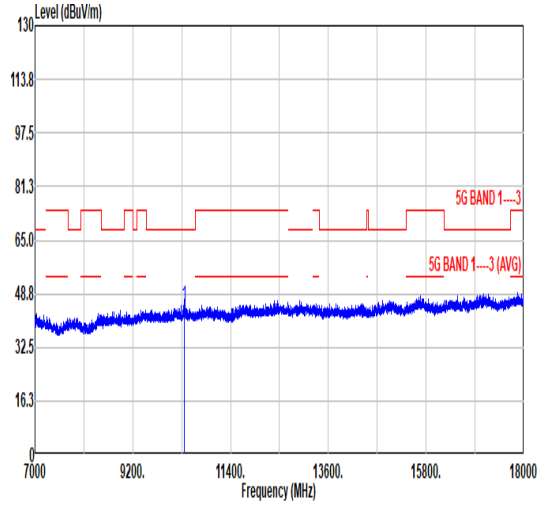
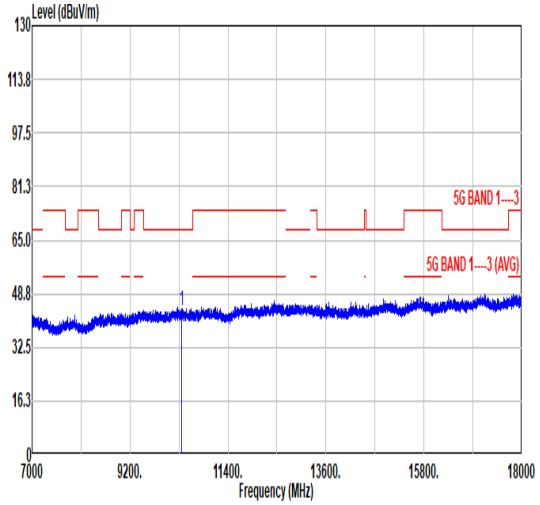
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36-5180MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

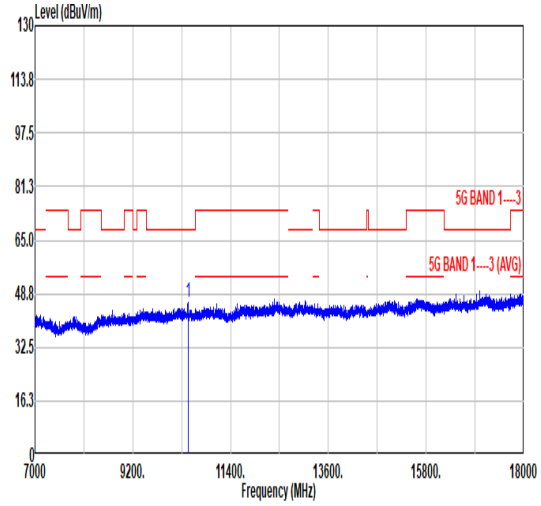
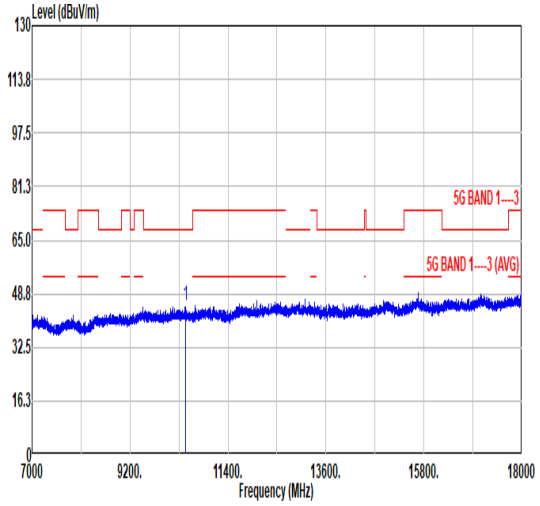
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5150.00	58.70	74.00	-15.30	46.61	34.10	9.79	31.80	0.00	372	266	PEAK

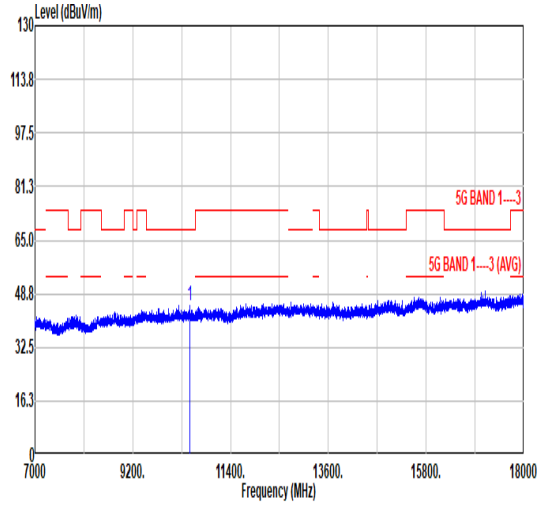
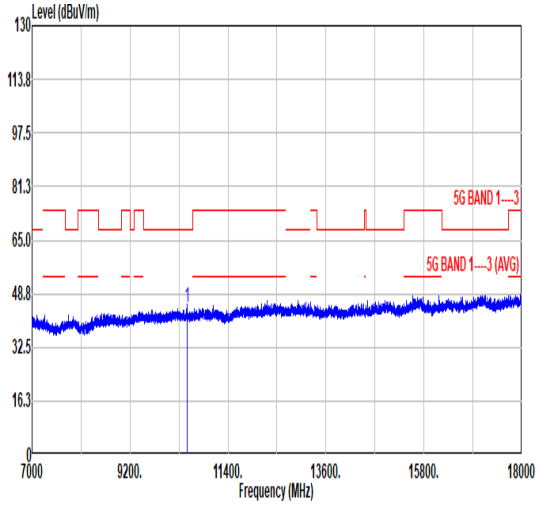
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	102.63	------	------	90.54	34.10	9.81	31.82	0.00	372	266	PEAK

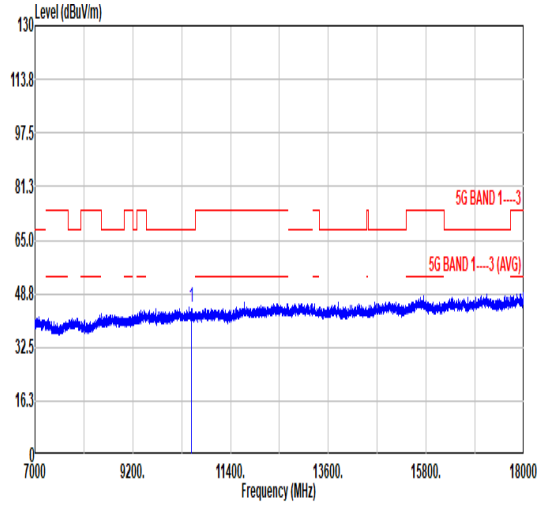
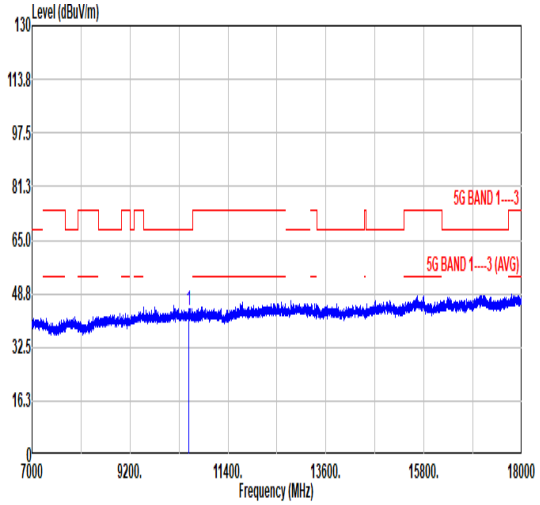
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5150.00	45.93	54.00	-8.07	33.84	34.10	9.79	31.80	0.00	372	266	AVERAGE

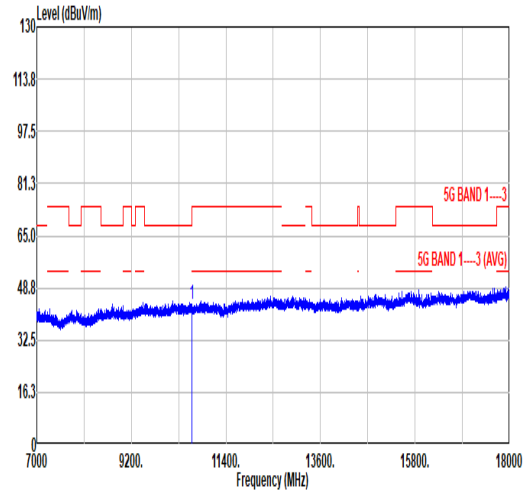
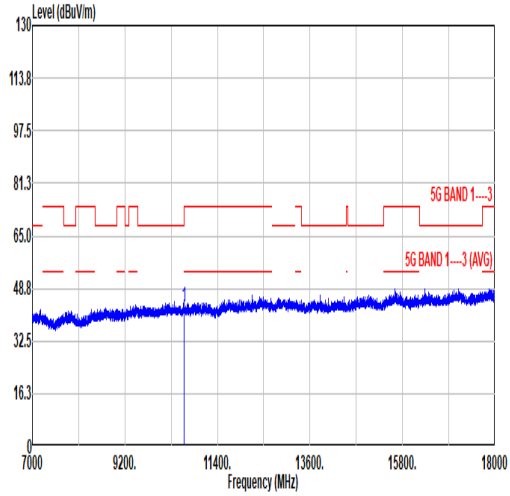
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	93.55	------	------	81.46	34.10	9.81	31.82	0.00	372	266	AVERAGE

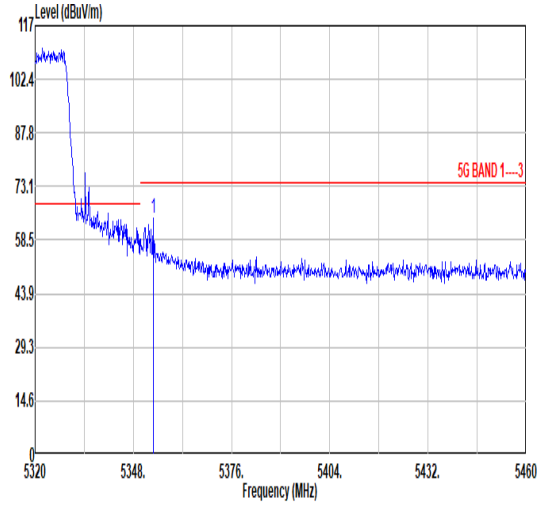
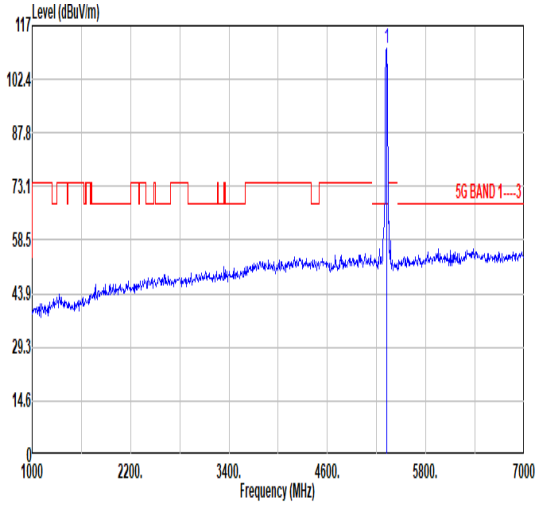
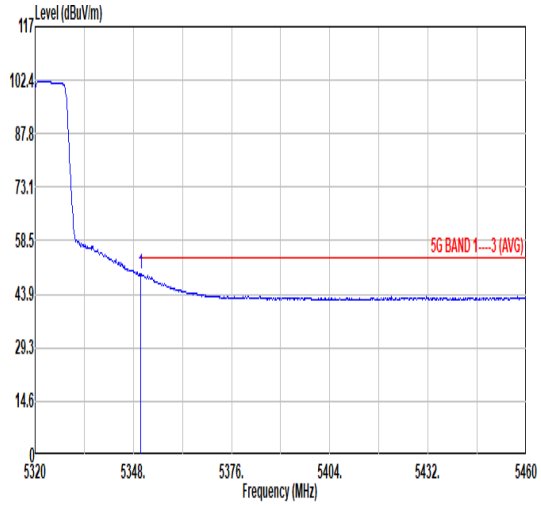
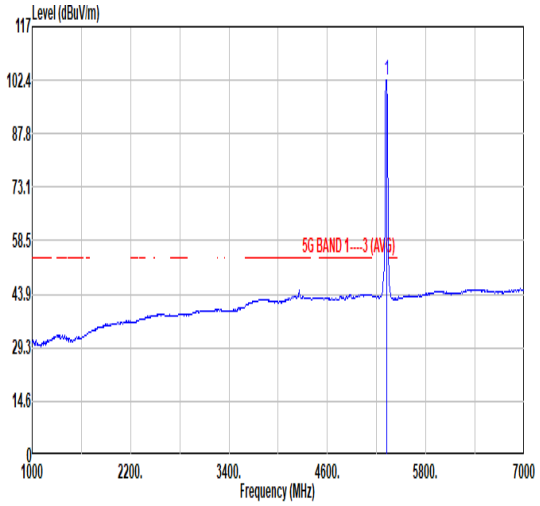
Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36-5180MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 44.96 68.30 -23.34 59.19 37.46 15.45 67.14 0.00 300 0 PEAK	 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 10360.00 43.61 68.30 -24.69 57.84 37.46 15.45 67.14 0.00 100 0 PEAK

Mode	11	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH44-5220MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10440.00 46.32 68.30 -21.98 60.40 37.51 15.52 67.11 0.00 300 0 PEAK	 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 10440.00 45.02 68.30 -23.28 59.10 37.51 15.52 67.11 0.00 100 0 PEAK

Mode	12	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH48-5240MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10480.00 45.11 68.30 -23.19 59.11 37.54 15.56 67.10 0.00 300 0 PEAK	 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 10480.00 44.69 68.30 -23.61 58.69 37.54 15.56 67.10 0.00 100 0 PEAK

Mode	13	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH52-5260MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10520.00 44.79 68.30 -23.51 58.70 37.57 15.60 67.08 0.00 300 0 PEAK	 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 10520.00 43.59 68.30 -24.71 57.50 37.57 15.60 67.08 0.00 100 0 PEAK

Mode	14	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH60-5300MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Over Limit 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 10600.00 43.83 74.00 -30.17 57.59 37.62 15.67 67.05 0.00 300 0 PEAK	 Freq Level Limit Line Over Limit 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 10600.00 43.21 74.00 -30.79 56.97 37.62 15.67 67.05 0.00 100 0 PEAK

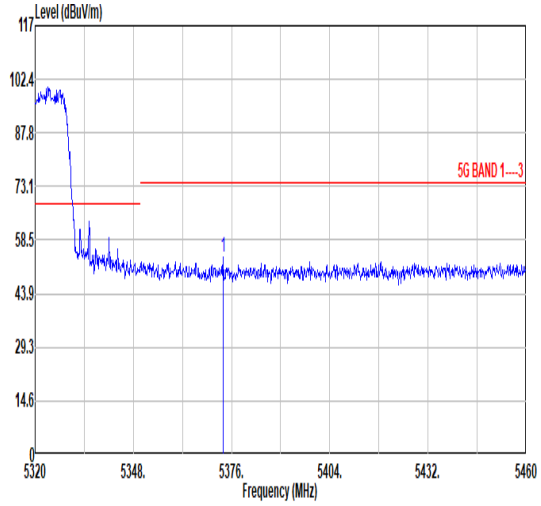
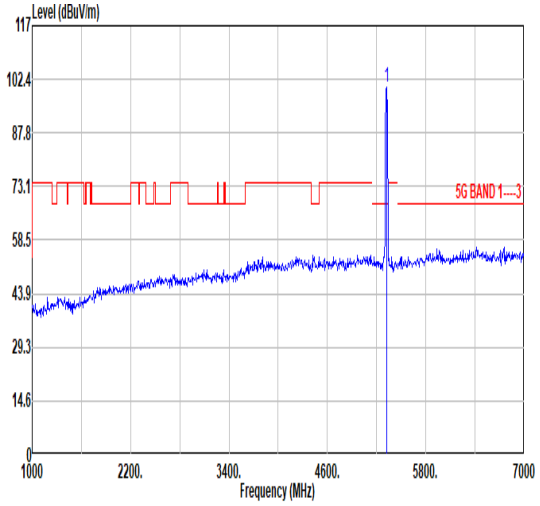
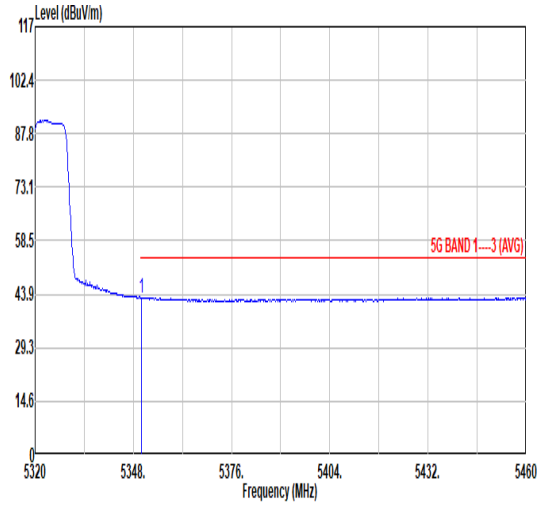
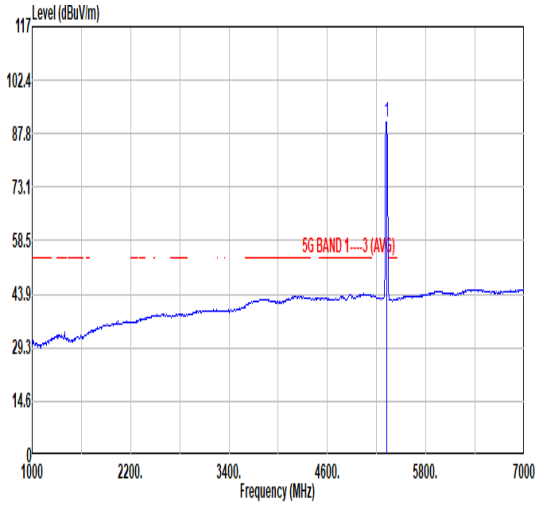
Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64-5320MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5353.60	64.27	74.00	-9.73	51.64	34.65	9.91	31.93	0.00	100	173	PEAK

	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	5320.00	111.00	------	------	98.44	34.57	9.90	31.91	0.00	100	173	PEAK

	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	5350.10	49.26	54.00	-4.74	36.63	34.64	9.91	31.92	0.00	100	173	AVERAGE

	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	5320.00	102.53	------	------	90.00	34.54	9.89	31.90	0.00	100	173	AVERAGE

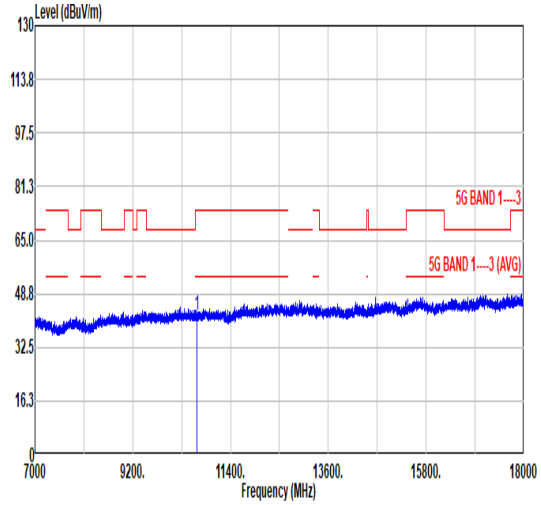
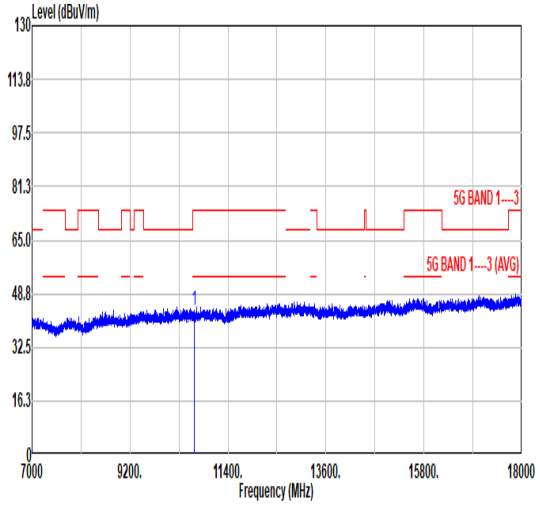
Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64-5320MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

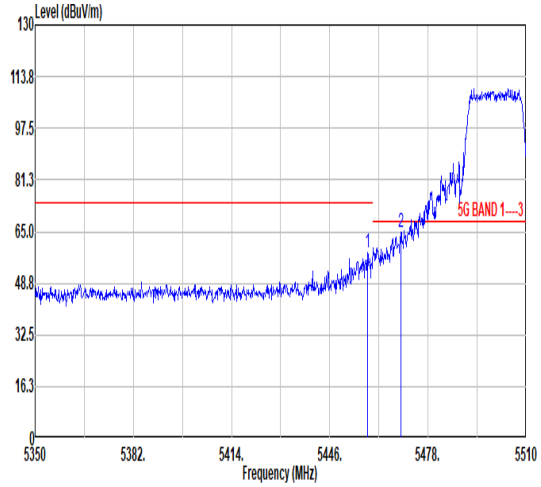
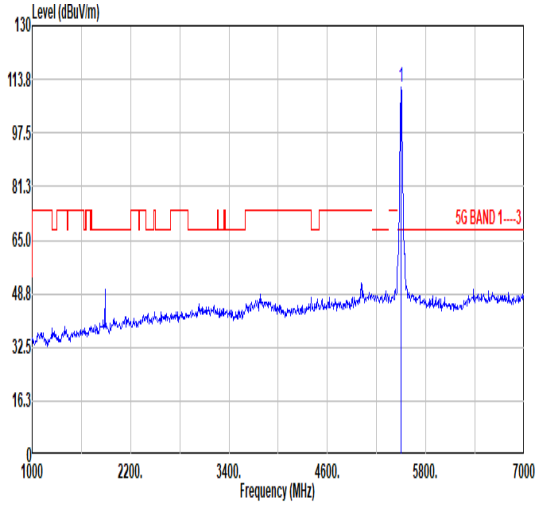
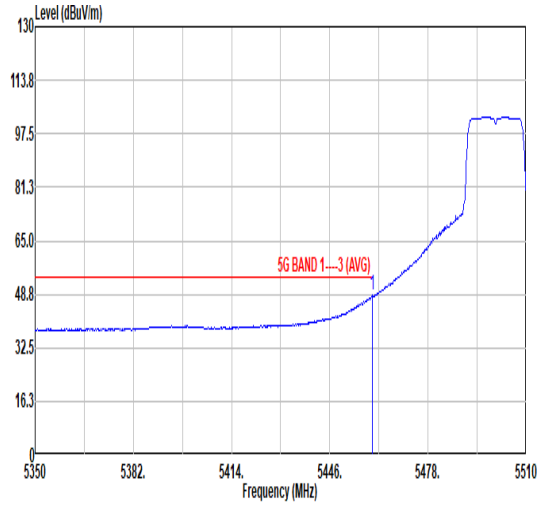
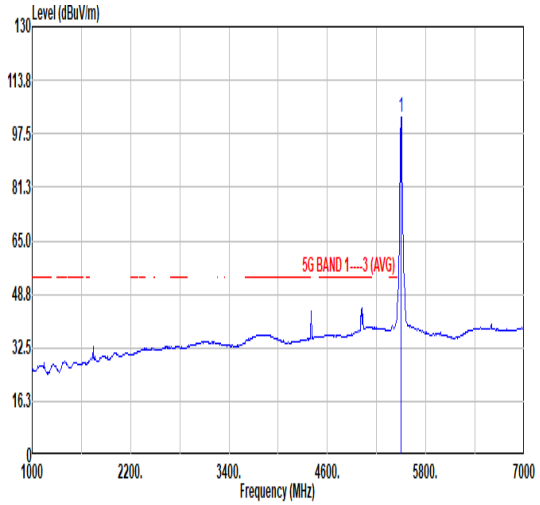
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5373.62	53.90	74.00	-20.10	41.21	34.71	9.92	31.94	0.00	276	238	PEAK

	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	5320.00	100.37	------	------	87.82	34.56	9.90	31.91	0.00	276	238	PEAK

	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	5350.24	43.01	54.00	-10.99	30.38	34.64	9.91	31.92	0.00	276	238	AVERAGE

	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	5320.00	91.16	------	------	78.60	34.57	9.90	31.91	0.00	276	238	AVERAGE

Mode	15	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64-5320MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10640.00 42.16 74.00 -31.84 55.84 37.65 15.71 67.04 0.00 300 0 PEAK	 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 10640.00 43.52 74.00 -30.48 57.20 37.65 15.71 67.04 0.00 100 0 PEAK

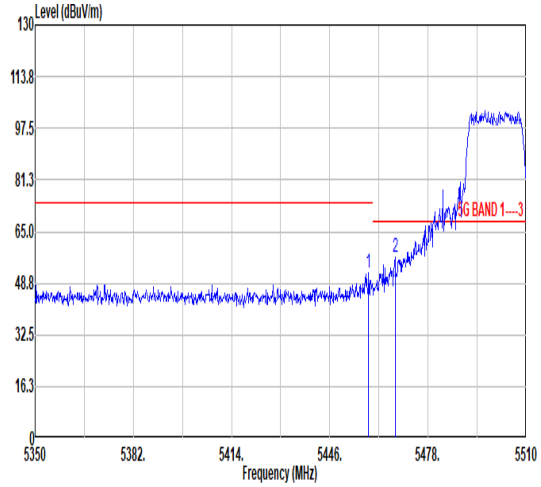
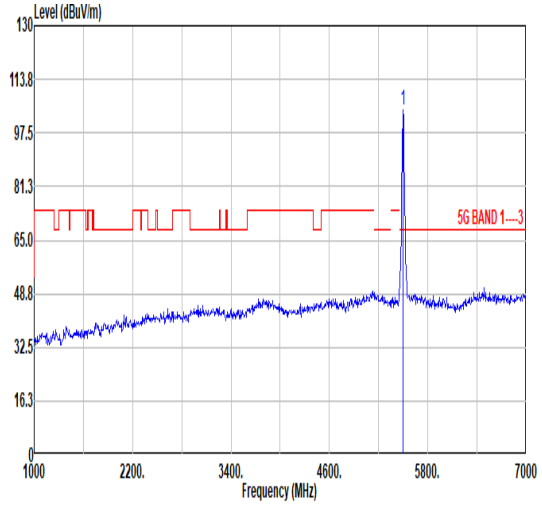
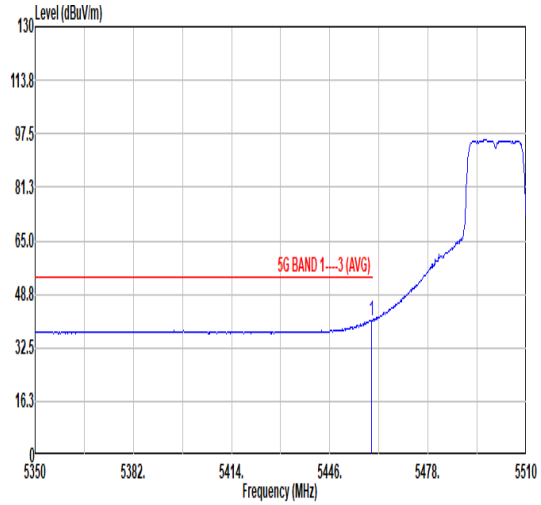
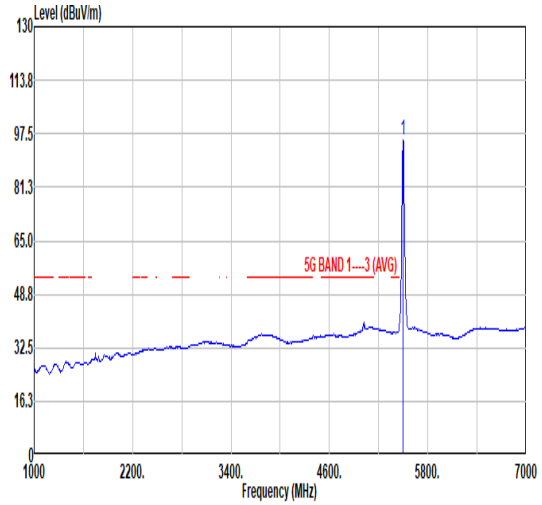
Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5458.32	58.58	74.00	-15.42	49.63	34.58	10.84	36.47	0.00	100	187	PEAK
2	5469.20	64.86	68.30	-3.44	55.89	34.57	10.85	36.45	0.00	100	187	PEAK

	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	5500.00	111.28	------	------	102.24	34.56	10.88	36.40	0.00	100	187	PEAK

	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	5459.76	48.48	54.00	-5.52	39.52	34.58	10.84	36.46	0.00	100	187	AVERAGE

	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	5500.00	102.48	------	------	93.44	34.56	10.88	36.40	0.00	100	187	AVERAGE

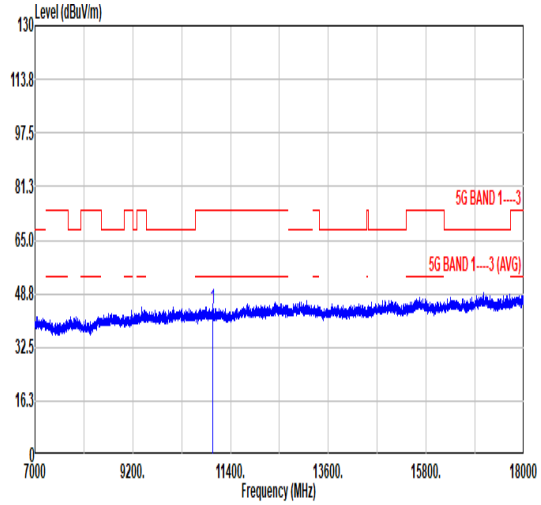
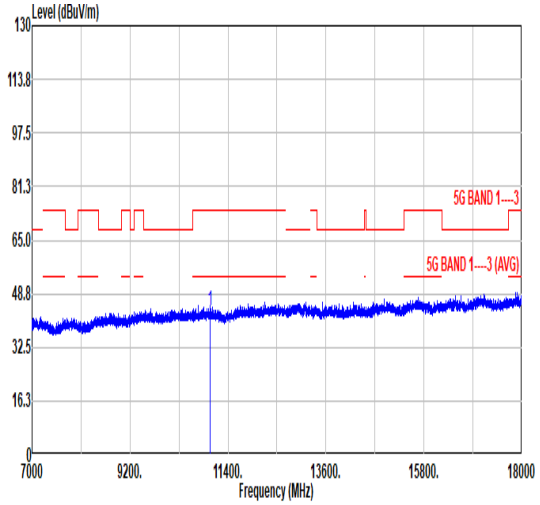
Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

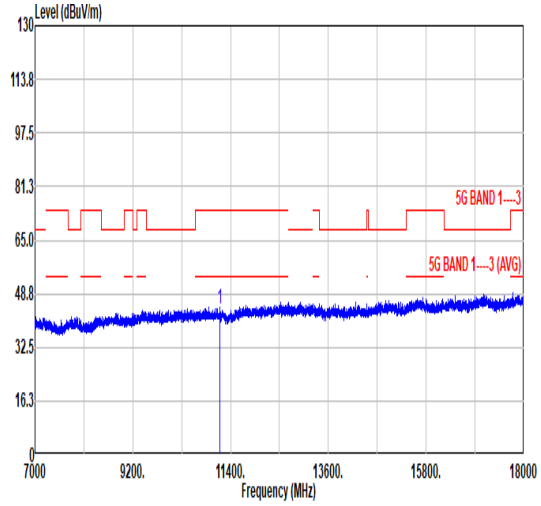
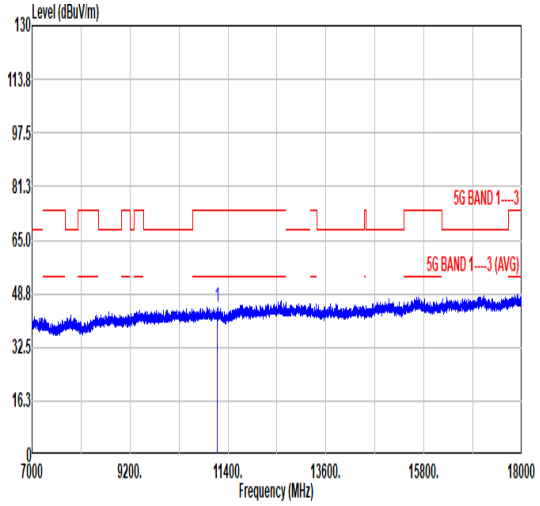
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.64	51.77	74.00	-22.23	42.82	34.58	10.84	36.47	0.00	392	105	PEAK
2	5467.28	56.78	68.30	-11.52	47.81	34.57	10.85	36.45	0.00	392	105	PEAK

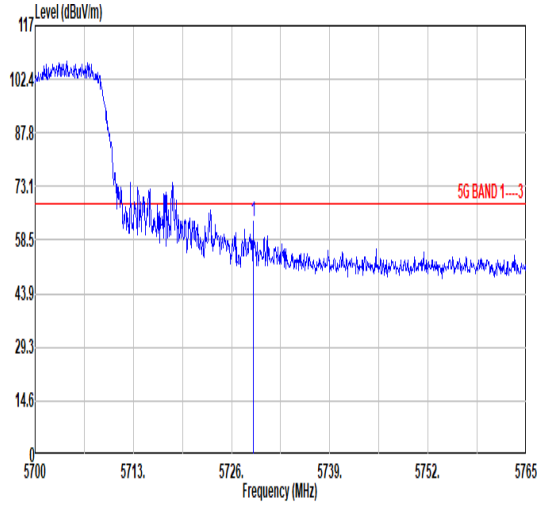
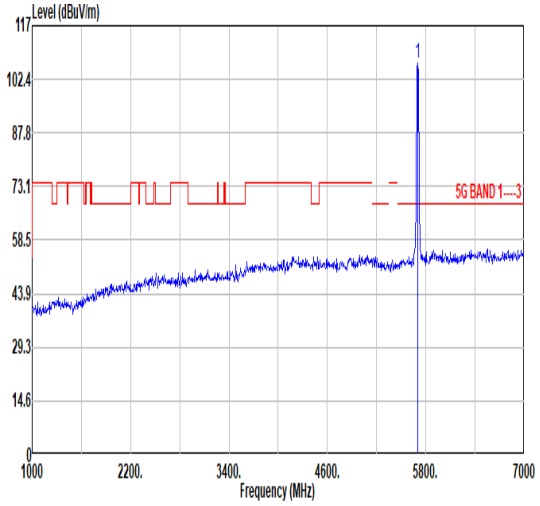
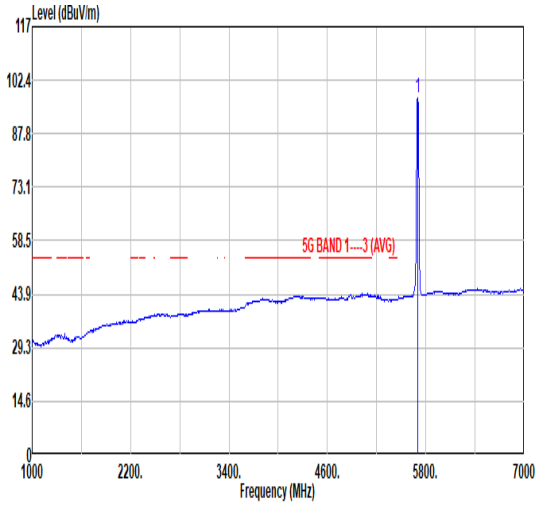
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	104.31	------	------	95.27	34.56	10.88	36.40	0.00	392	105	PEAK

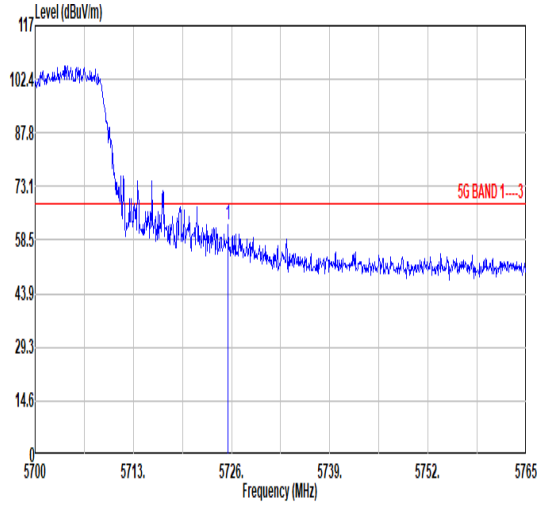
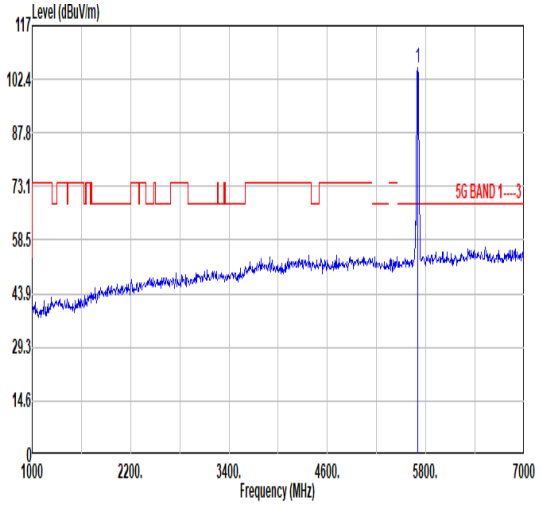
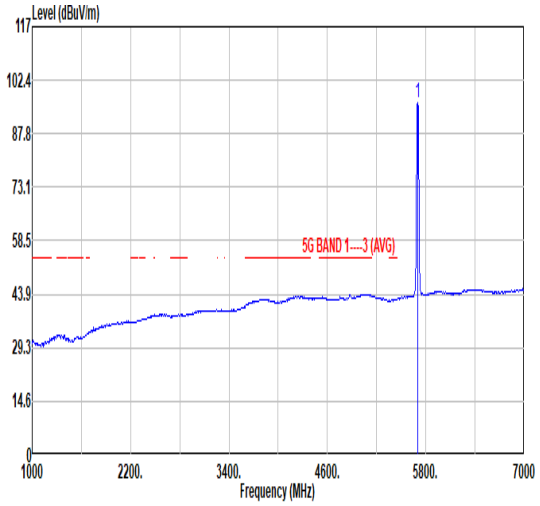
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.60	40.88	54.00	-13.12	31.92	34.58	10.84	36.46	0.00	392	105	AVERAGE

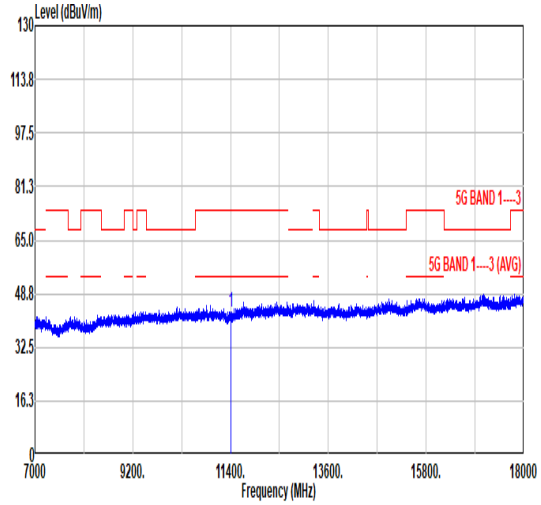
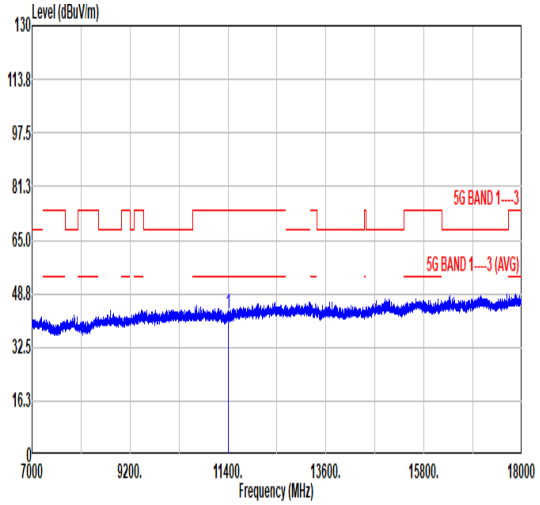
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	95.50	------	------	86.44	34.56	10.89	36.39	0.00	392	105	AVERAGE

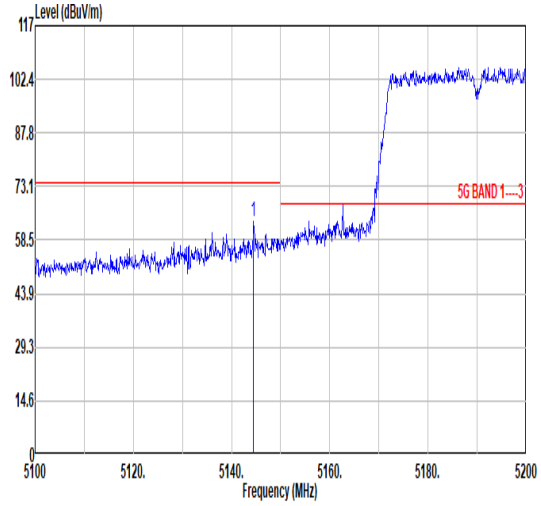
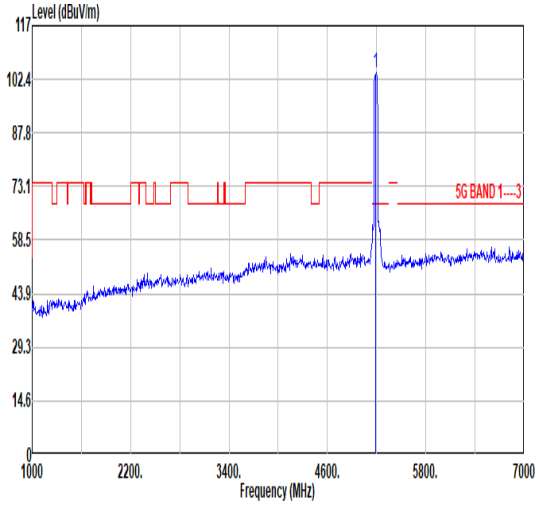
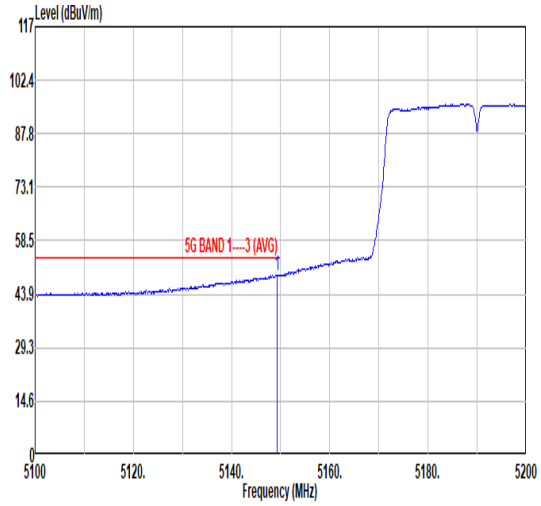
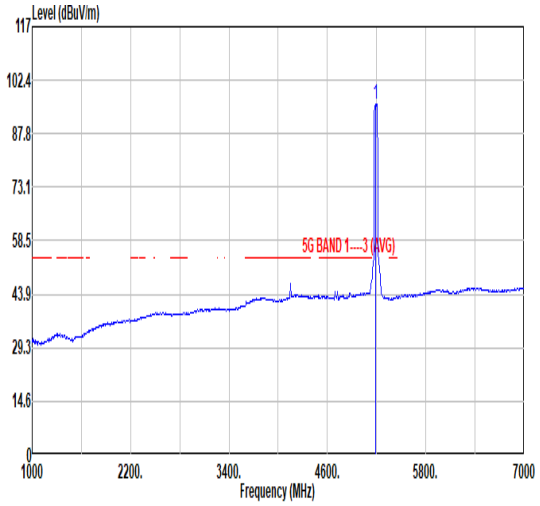
Mode	16	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11000.00 44.00 74.00 -30.00 56.97 37.90 16.04 66.91 0.00 300 0 PEAK	 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 11000.00 43.52 74.00 -30.48 56.49 37.90 16.04 66.91 0.00 100 0 PEAK

Mode	17	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH116_5580MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11160.00 43.95 74.00 -30.05 56.62 38.03 16.15 66.85 0.00 300 0 PEAK	 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 11160.00 44.66 74.00 -29.34 57.33 38.03 16.15 66.85 0.00 100 0 PEAK

Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Over Limit 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 5728.86 63.65 68.30 -4.65 50.79 34.54 10.35 32.03 0.00 136 297	 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 5700.00 106.82 ------ ------ 94.03 34.51 10.33 32.05 0.00 136 297 PEAK
Avg	Blank	 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 5700.00 97.78 ------ ------ 85.00 34.51 10.32 32.05 0.00 136 297 AVERAGE

Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
Pol.	Vertical	Fundamental
Peak	 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 5725.55 62.65 68.30 -5.65 49.80 34.53 10.35 32.03 0.00 248 262 PEAK	 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 5700.00 105.71 ------ ------ 92.92 34.51 10.33 32.05 0.00 248 262 PEAK
Avg	Blank	 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 5700.00 96.20 ------ ------ 83.42 34.51 10.32 32.05 0.00 248 262 AVERAGE

Mode	18	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11400.00 43.13 74.00 -30.87 55.38 38.22 16.30 66.77 0.00 300 0 PEAK	 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 11400.00 42.81 74.00 -31.19 55.06 38.22 16.30 66.77 0.00 100 0 PEAK

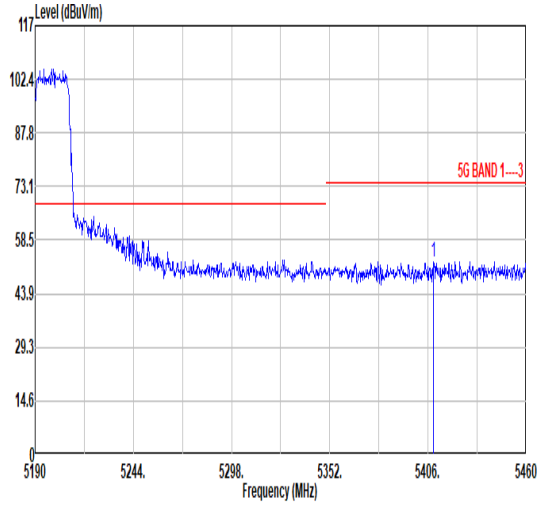
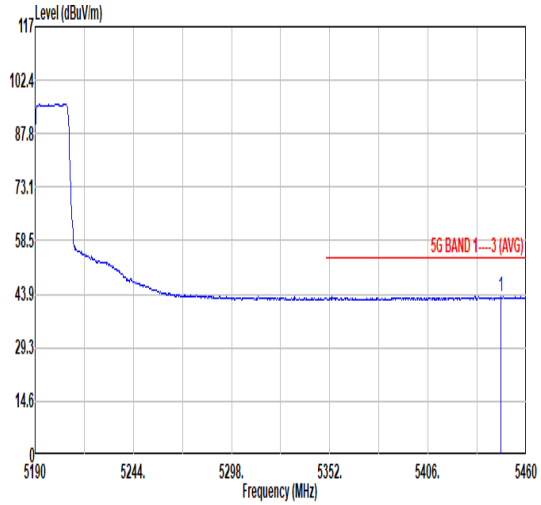
Mode	19	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38-5190MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

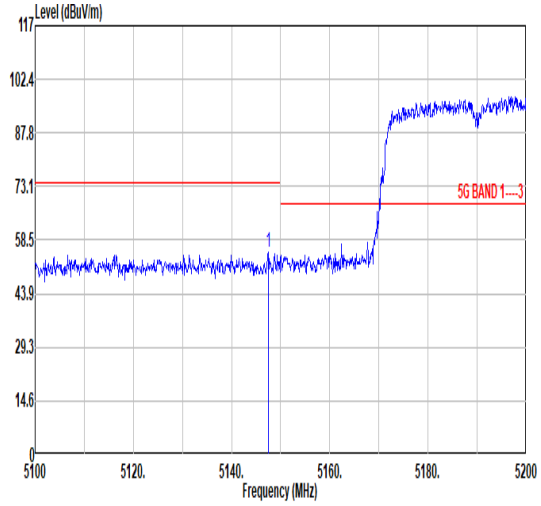
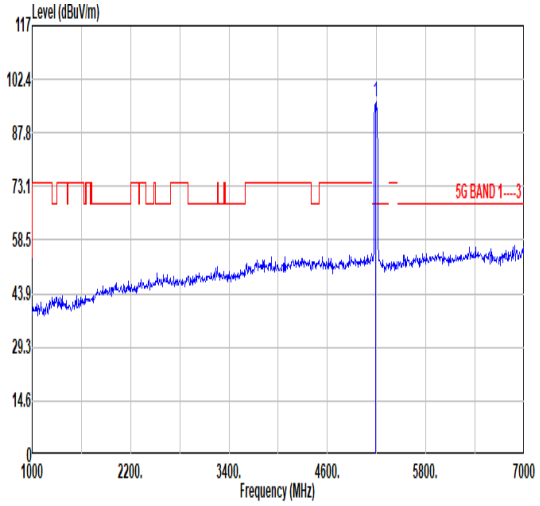
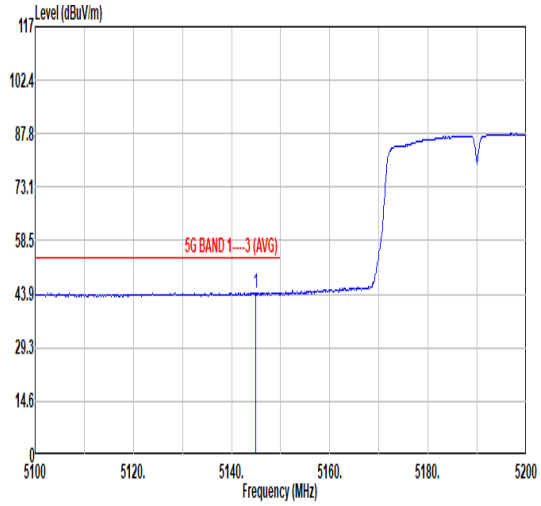
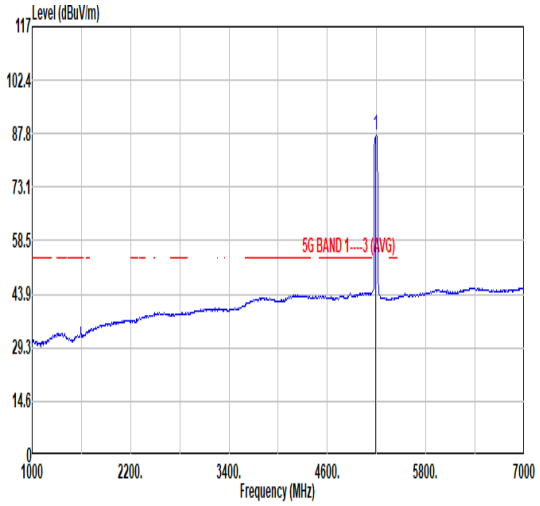
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5144.50	63.78	74.00	-10.22	51.70	34.10	9.78	31.80	0.00	100	175	PEAK

	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	104.02	------	------	91.92	34.10	9.83	31.83	0.00	100	175	PEAK

	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	5149.20	49.22	54.00	-4.78	37.13	34.10	9.79	31.80	0.00	100	175	AVERAGE

	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	95.75	------	------	83.65	34.10	9.83	31.83	0.00	100	175	AVERAGE

Mode	19	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38-5190MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5408.97 52.70 74.00 -21.30 39.91 34.80 9.95 31.96 0.00 100 175 PEAK	Blank
Avg	 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 5446.23 43.31 54.00 -10.69 30.48 34.80 10.01 31.98 0.00 100 175 AVERAGE	Blank

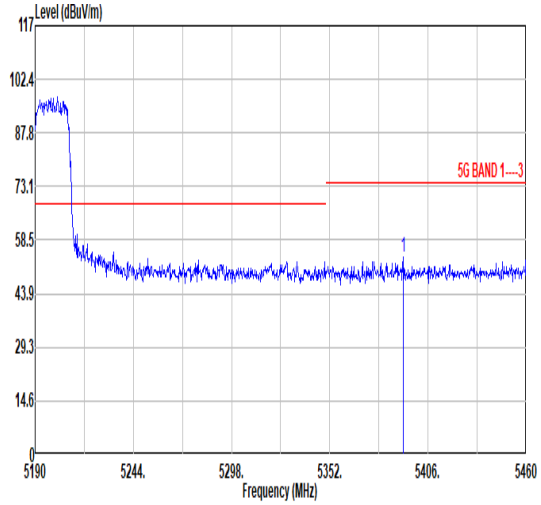
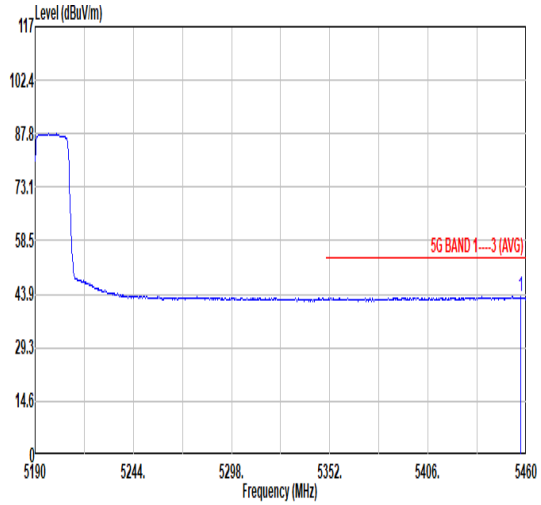
Mode	19	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38-5190MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

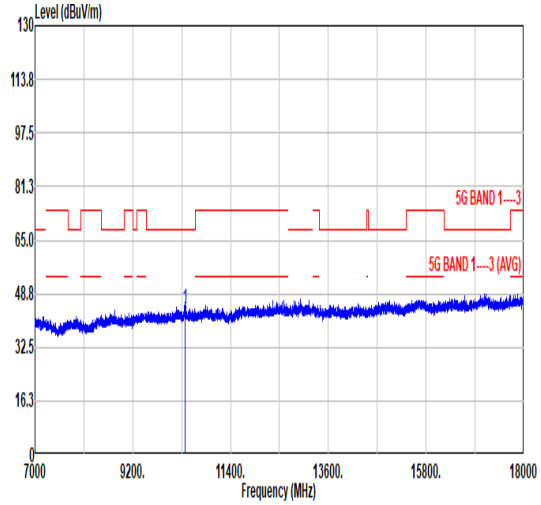
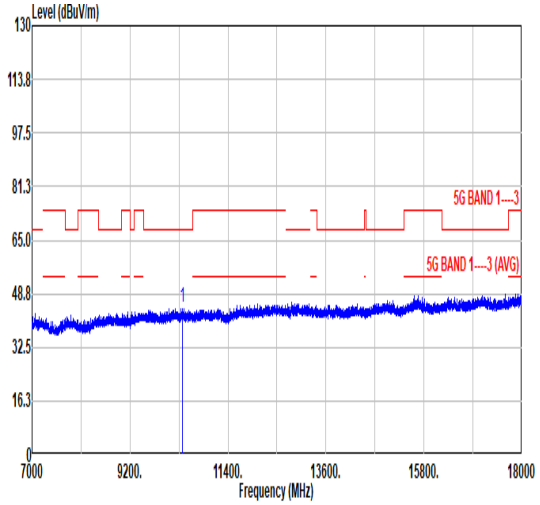
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.50	54.99	74.00	-19.01	42.91	34.10	9.78	31.80	0.00	365	265	PEAK

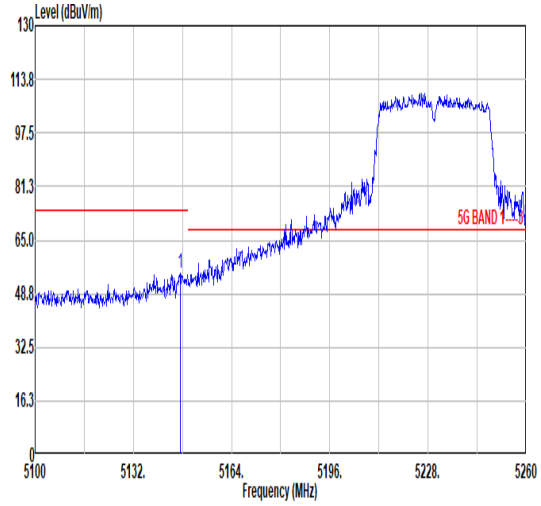
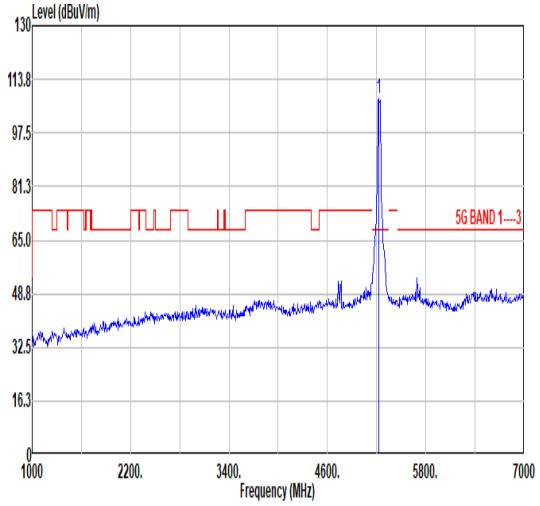
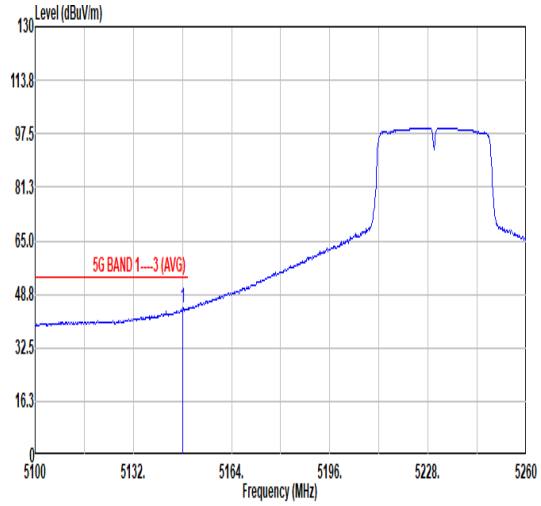
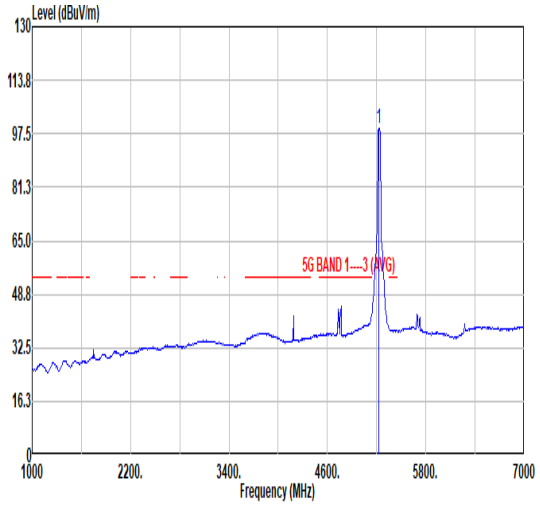
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	96.10	------	------	84.00	34.10	9.83	31.83	0.00	365	265	PEAK

	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	5144.90	44.28	54.00	-9.72	32.20	34.10	9.78	31.80	0.00	365	265	AVERAGE

	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	87.62	------	------	75.52	34.10	9.83	31.83	0.00	365	265	AVERAGE

Mode	19	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38-5190MHz	
Pol.	Vertical	Fundamental
Peak	 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 5392.50 53.96 74.00 -20.04 41.21 34.77 9.93 31.95 0.00 365 265 PEAK	Blank
Avg	 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 5457.03 43.17 54.00 -10.83 30.34 34.80 10.02 31.99 0.00 365 265 AVERAGE	Blank

Mode	19	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38-5190MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10380.00 43.99 68.30 -24.31 58.18 37.47 15.47 67.13 0.00 300 0 PEAK	 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 10380.00 44.46 68.30 -23.84 58.65 37.47 15.47 67.13 0.00 100 0 PEAK

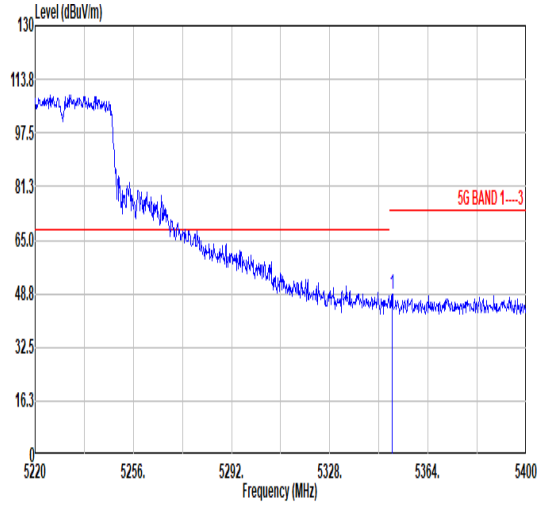
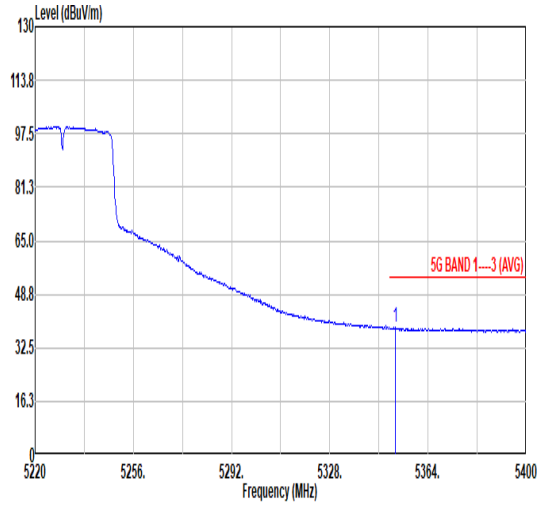
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46-5230MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

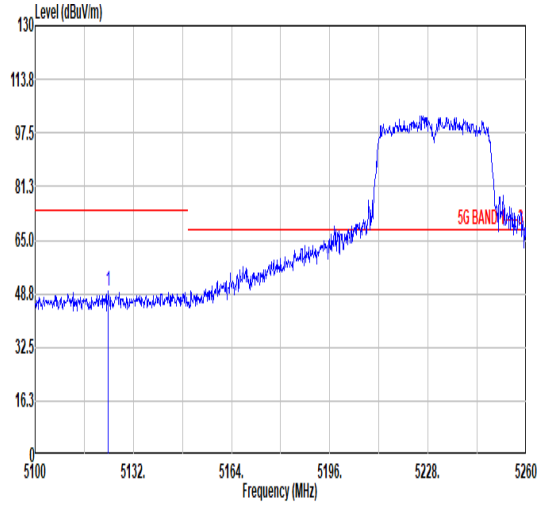
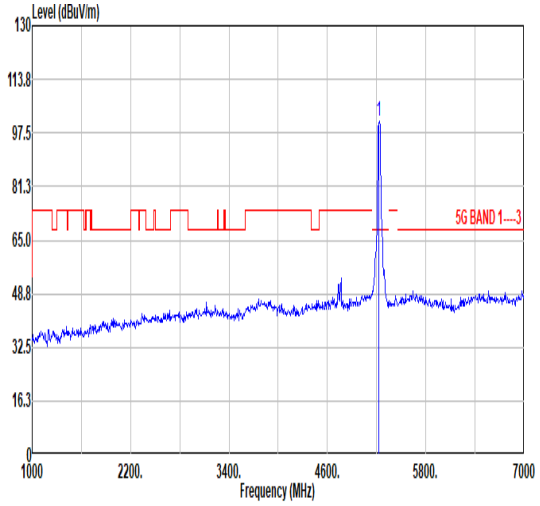
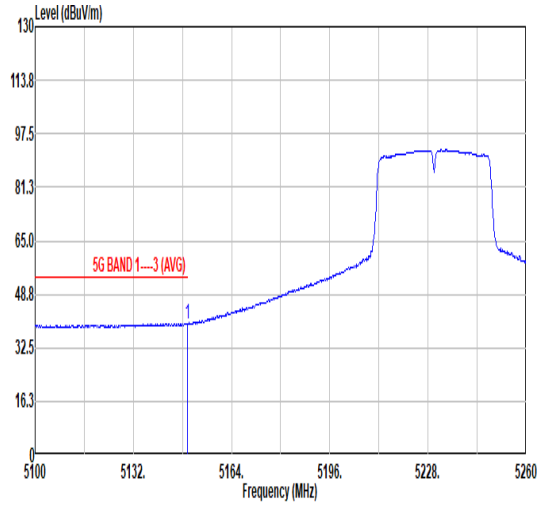
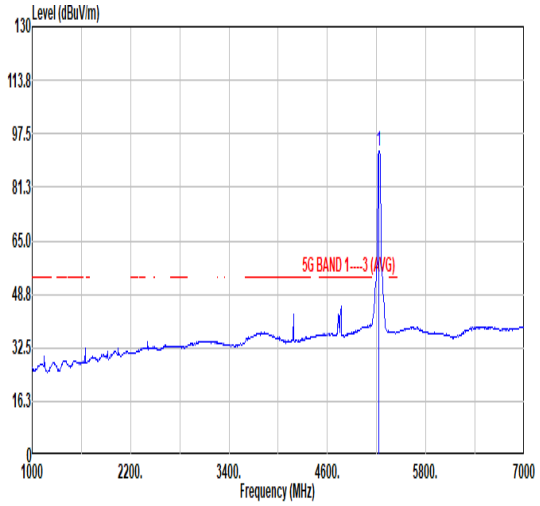
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.20	54.94	74.00	-19.06	47.16	34.22	10.61	37.05	0.00	137	188	PEAK

	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	107.86	------	------	99.76	34.34	10.67	36.91	0.00	137	188	PEAK

	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	5148.16	44.60	54.00	-9.40	36.81	34.23	10.61	37.05	0.00	137	188	AVERAGE

	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	99.03	------	------	90.93	34.34	10.67	36.91	0.00	137	188	AVERAGE

Mode	20	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46-5230MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5350.86 48.48 74.00 -25.52 39.88 34.52 10.75 36.67 0.00 137 188 PEAK	Blank
Avg	 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 5352.12 38.86 54.00 -15.14 30.25 34.53 10.75 36.67 0.00 137 188 AVERAGE	Blank

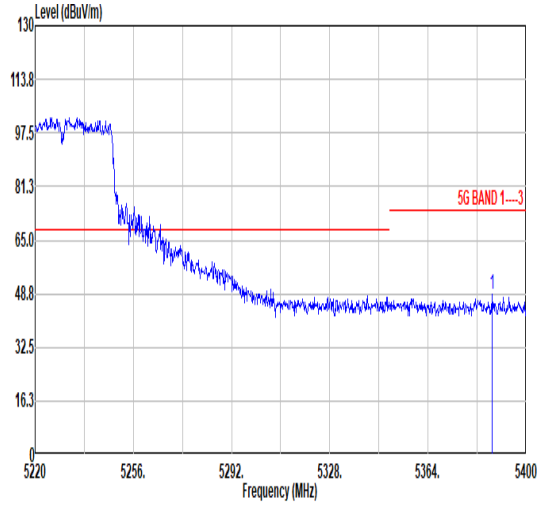
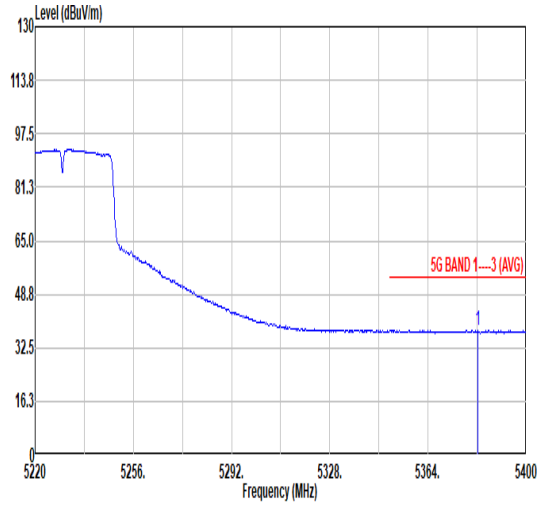
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46-5230MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

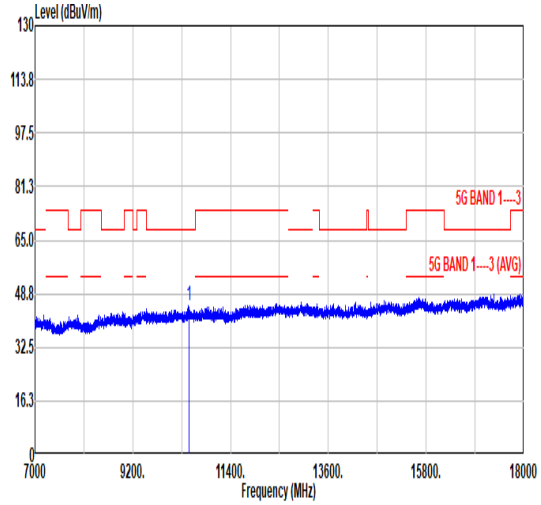
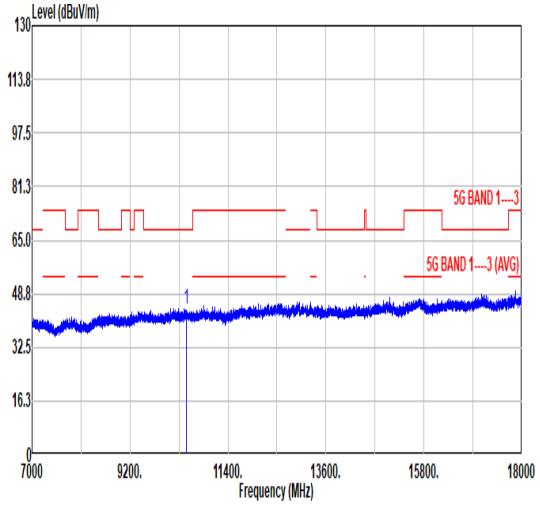
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5123.84	49.33	74.00	-24.67	41.66	34.19	10.58	37.10	0.00	297	263	PEAK

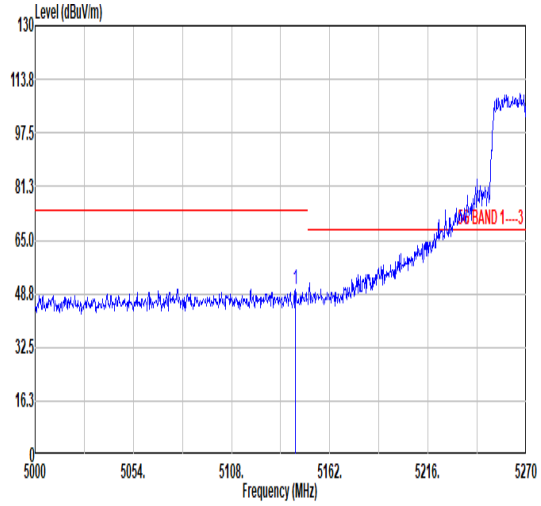
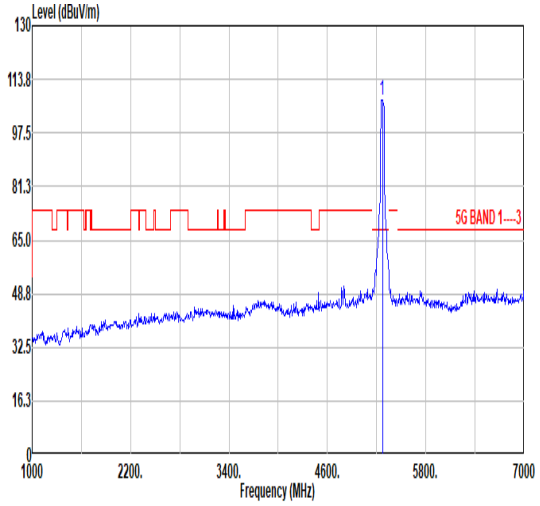
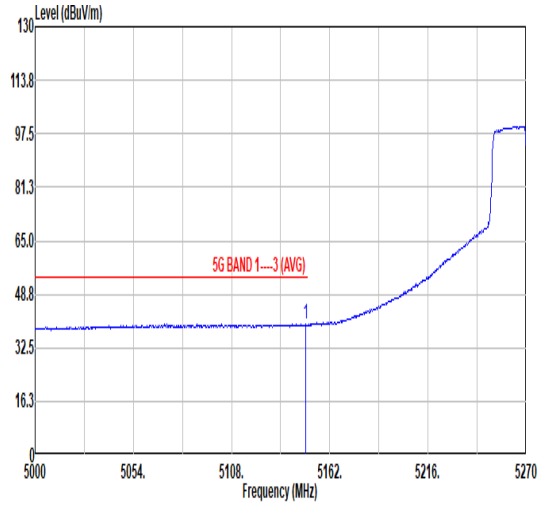
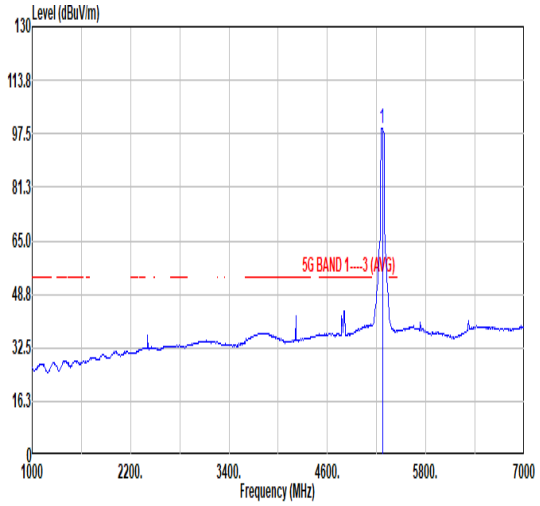
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	101.28	------	------	93.14	34.35	10.68	36.89	0.00	297	263	PEAK

	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	39.81	54.00	-14.19	32.02	34.23	10.61	37.05	0.00	297	263	AVERAGE

	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	92.19	------	------	84.06	34.35	10.68	36.90	0.00	297	263	AVERAGE

Mode	20	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46-5230MHz	
Pol.	Vertical	Fundamental
Peak	 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 5387.58 48.54 74.00 -25.46 39.79 34.58 10.77 36.60 0.00 297 263 PEAK	Blank
Avg	 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 5382.18 37.89 54.00 -16.11 29.16 34.57 10.77 36.61 0.00 297 263 AVERAGE	Blank

Mode	20	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46-5230MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10460.00 45.21 68.30 -23.09 59.24 37.53 15.54 67.10 0.00 300 0 PEAK	 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 10460.00 44.34 68.30 -23.96 58.37 37.53 15.54 67.10 0.00 100 0 PEAK

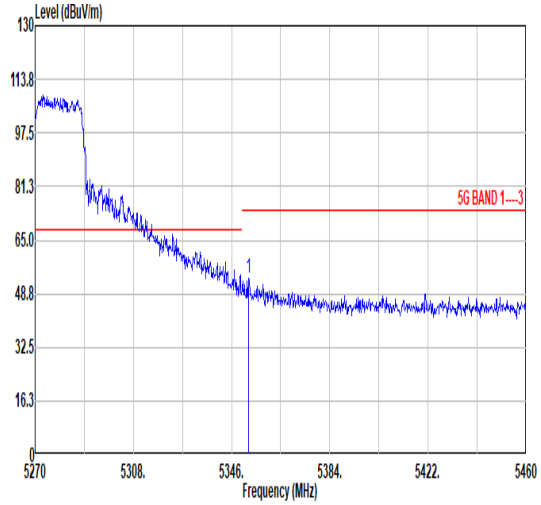
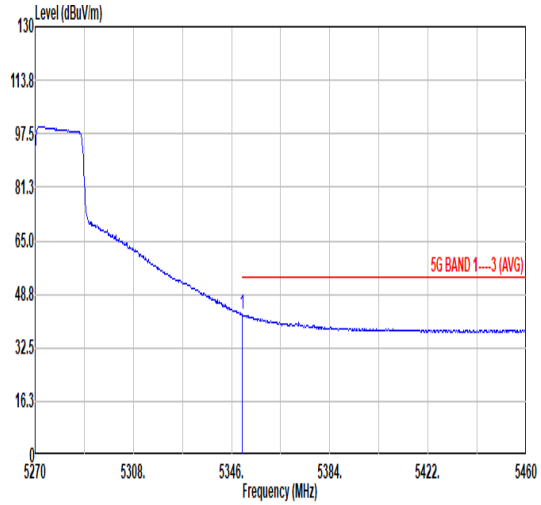
Mode	21	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54-5270MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

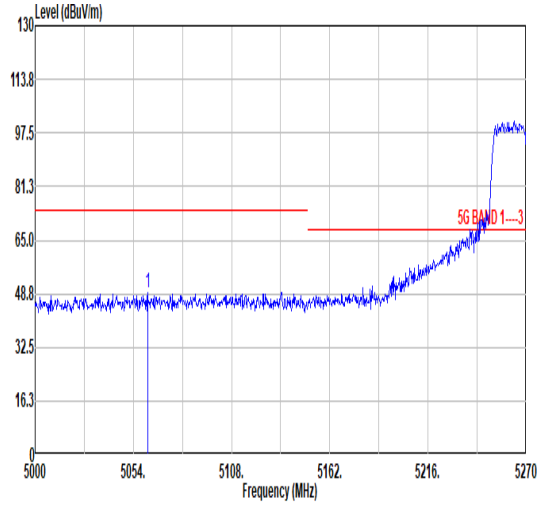
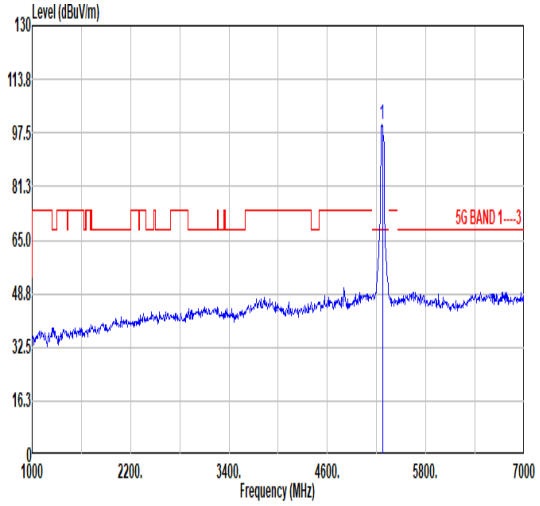
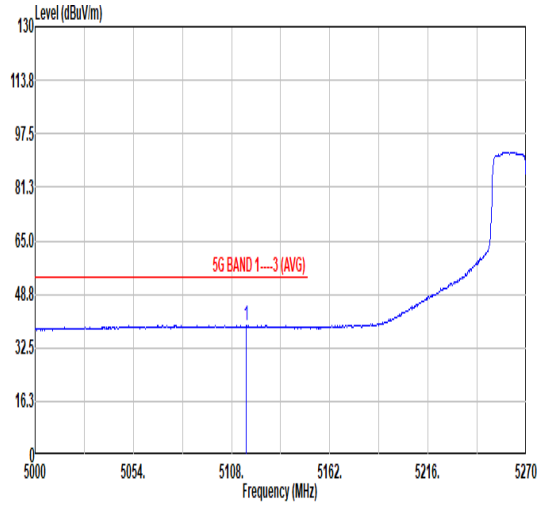
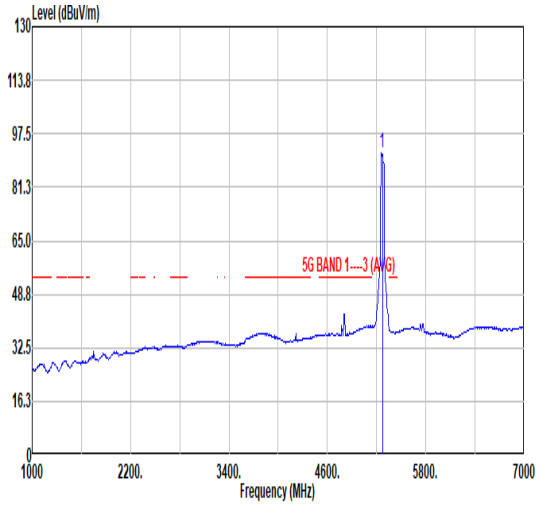
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5143.10	50.07	74.00	-23.93	42.31	34.22	10.60	37.06	0.00	135	192	PEAK

	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	5270.00	107.50	------	------	99.21	34.41	10.70	36.82	0.00	135	192	PEAK

	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	5148.77	39.90	54.00	-14.10	32.11	34.23	10.61	37.05	0.00	135	192	AVERAGE

	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	5270.00	99.23	------	------	90.96	34.40	10.70	36.83	0.00	135	192	AVERAGE

Mode	21	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54-5270MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5352.46 53.45 74.00 -20.55 44.84 34.53 10.75 36.67 0.00 135 192 PEAK	Blank
Avg	 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 5350.18 42.46 54.00 -11.54 33.86 34.52 10.75 36.67 0.00 135 192 AVERAGE	Blank

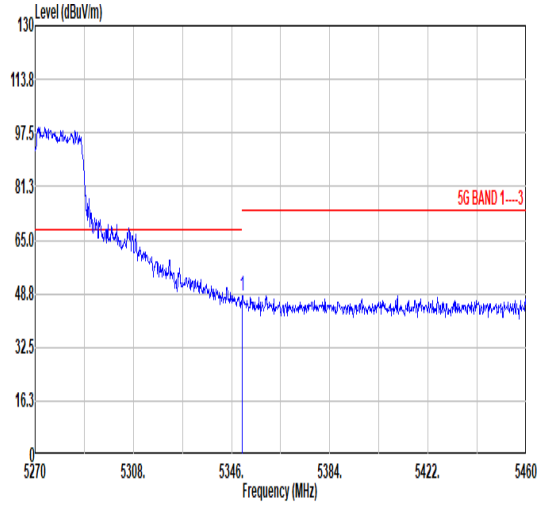
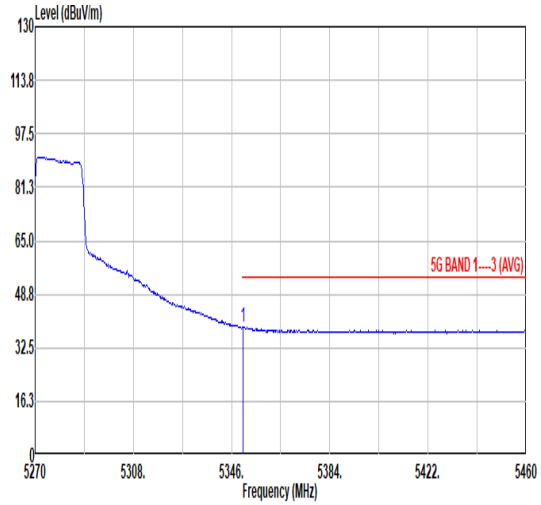
Mode	21	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54-5270MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

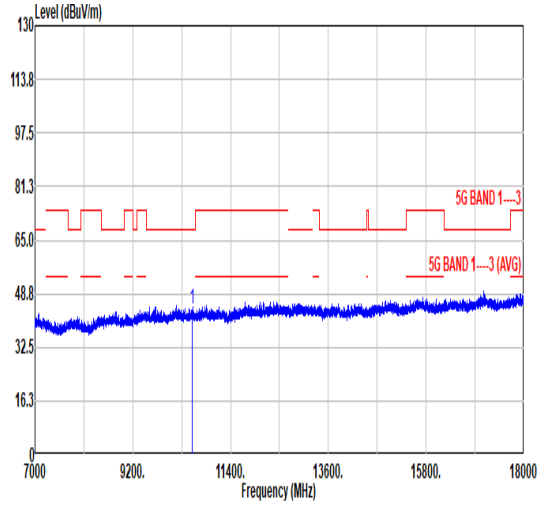
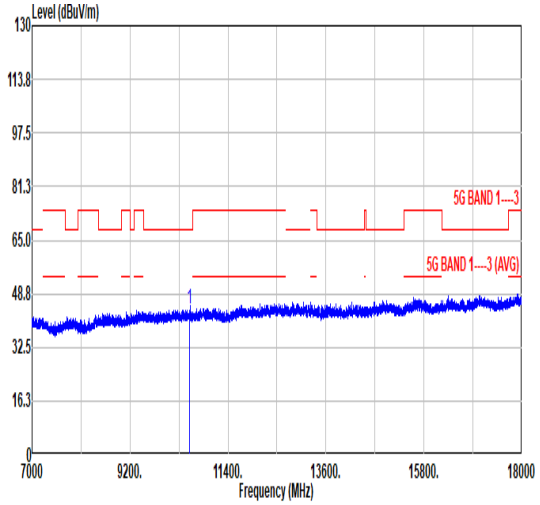
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5061.83	49.21	74.00	-24.79	41.81	34.10	10.52	37.22	0.00	289	71	PEAK

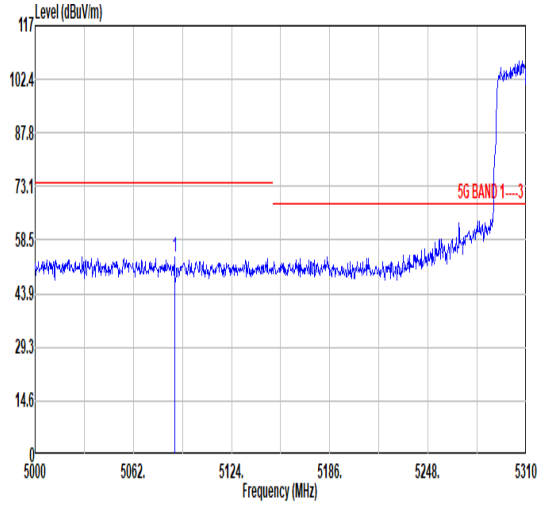
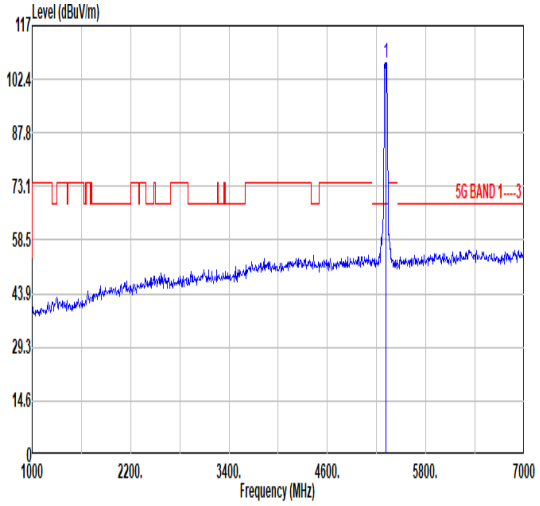
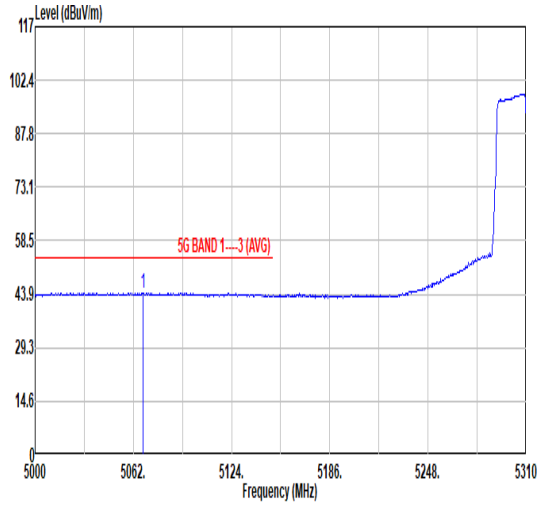
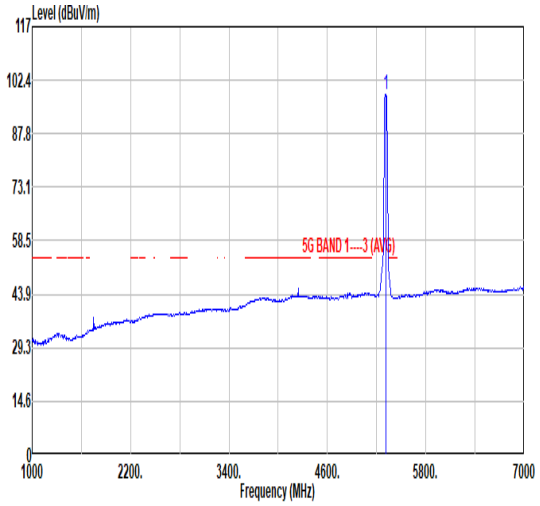
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5270.00	100.09	------	------	91.82	34.40	10.70	36.83	0.00	289	71	PEAK

	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	5115.83	39.28	54.00	-14.72	31.64	34.18	10.57	37.11	0.00	289	71	AVERAGE

	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	5270.00	91.60	------	------	83.35	34.39	10.70	36.84	0.00	289	71	AVERAGE

Mode	21	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54-5270MHz	
Pol.	Vertical	Fundamental
Peak	 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 5350.18 48.30 74.00 -25.70 39.70 34.52 10.75 36.67 0.00 289 71 PEAK	Blank
Avg	 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 5350.37 38.79 54.00 -15.21 30.19 34.52 10.75 36.67 0.00 289 71 AVERAGE	Blank

Mode	21	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54-5270MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10540.00 43.99 68.30 -24.31 57.86 37.58 15.62 67.07 0.00 300 0 PEAK	 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 10540.00 44.37 68.30 -23.93 58.24 37.58 15.62 67.07 0.00 100 0 PEAK

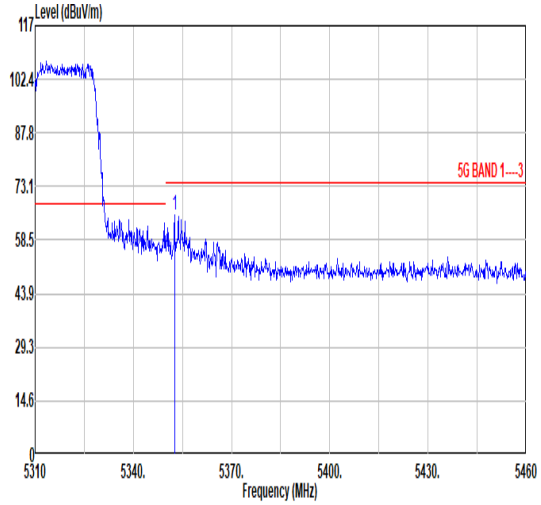
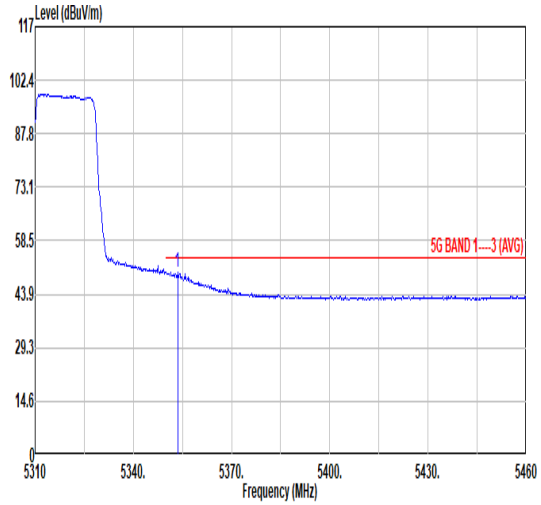
Mode	22	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62-5310MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

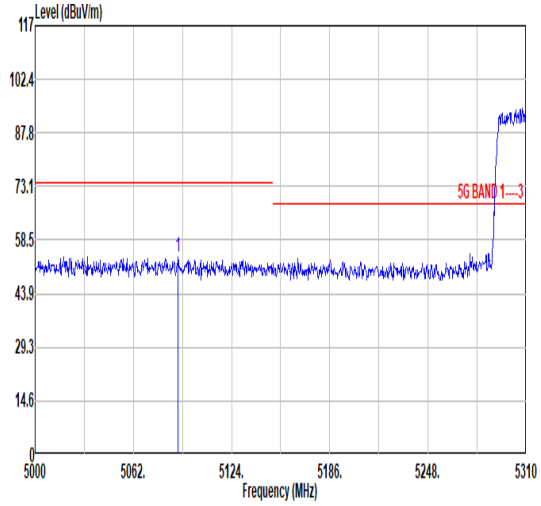
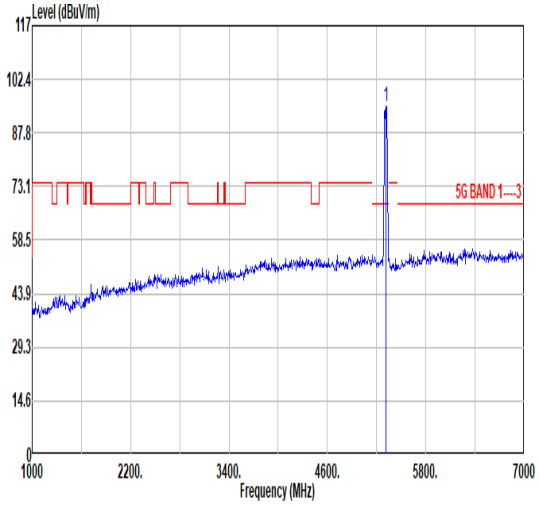
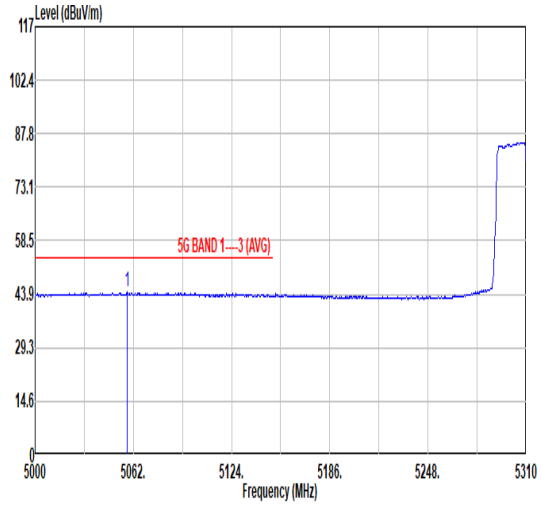
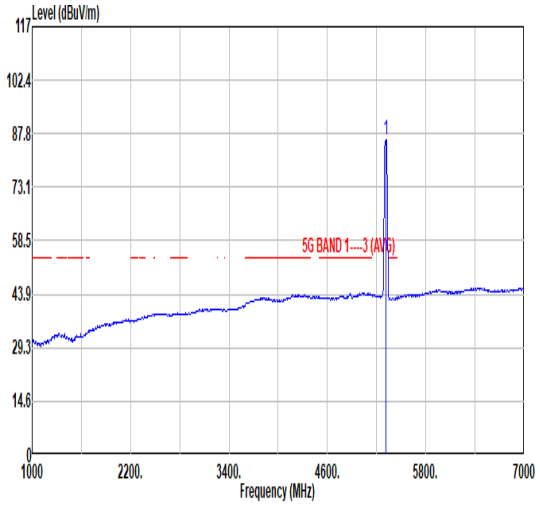
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5088.04	54.04	74.00	-19.96	41.98	34.10	9.73	31.77	0.00	100	174	PEAK

	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	5310.00	107.05	------	------	94.52	34.54	9.89	31.90	0.00	100	174	PEAK

	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	5067.89	44.22	54.00	-9.78	32.16	34.10	9.71	31.75	0.00	100	174	AVERAGE

	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	5310.00	98.47	------	------	85.96	34.52	9.89	31.90	0.00	100	174	AVERAGE

Mode	22	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62-5310MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5352.60 65.34 74.00 -8.66 52.71 34.65 9.91 31.93 0.00 100 174 PEAK	Blank
Avg	 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 5353.50 50.04 54.00 -3.96 37.41 34.65 9.91 31.93 0.00 100 174 AVERAGE	Blank

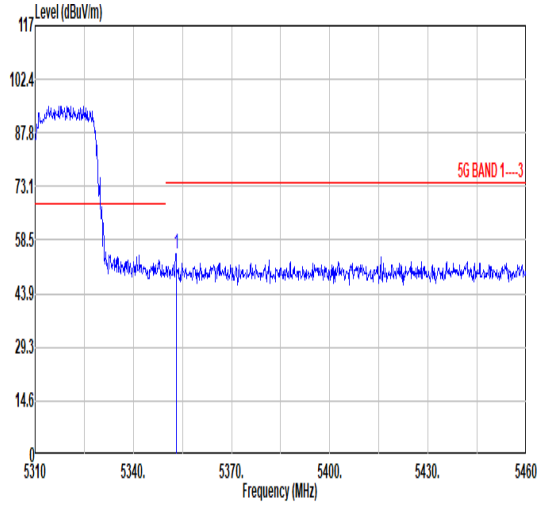
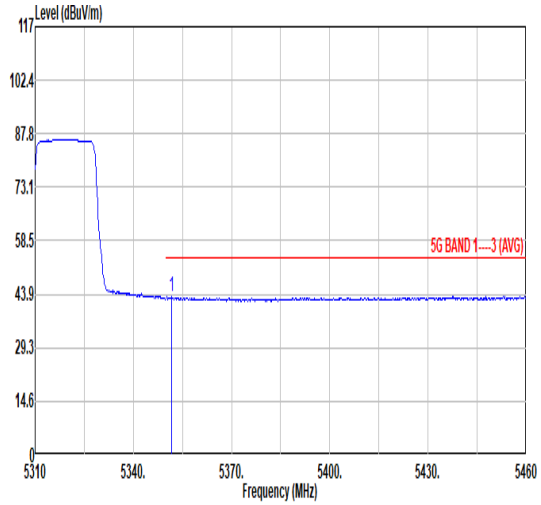
Mode	22	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62-5310MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

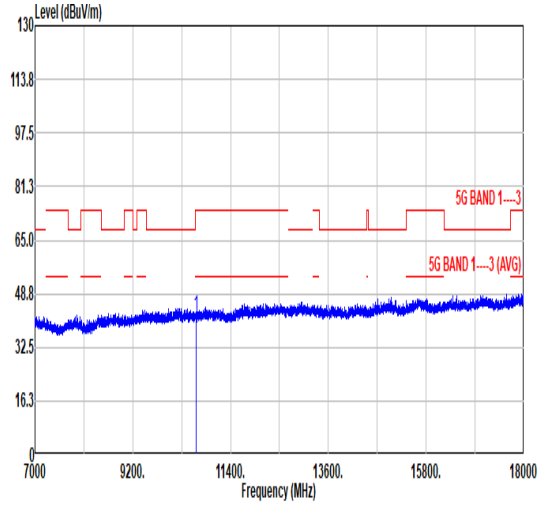
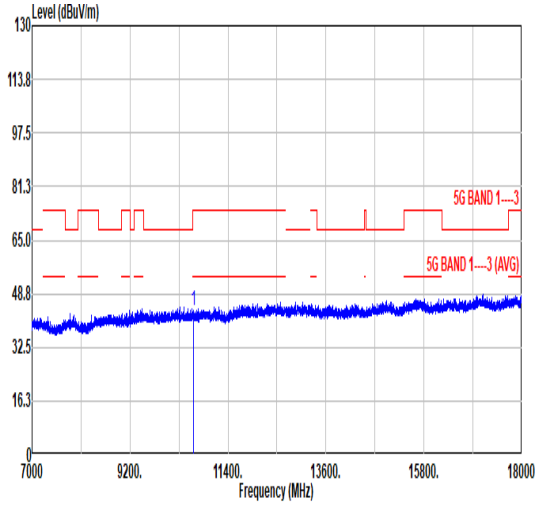
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5090.21	53.91	74.00	-20.09	41.85	34.10	9.73	31.77	0.00	300	238	PEAK

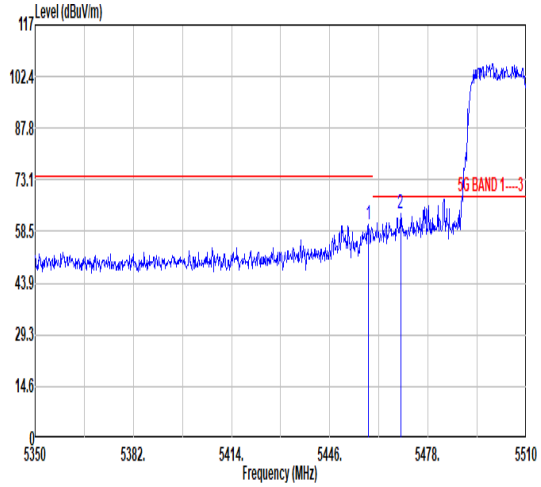
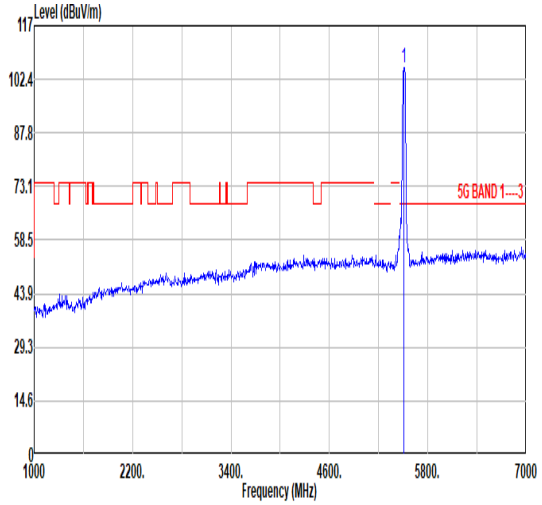
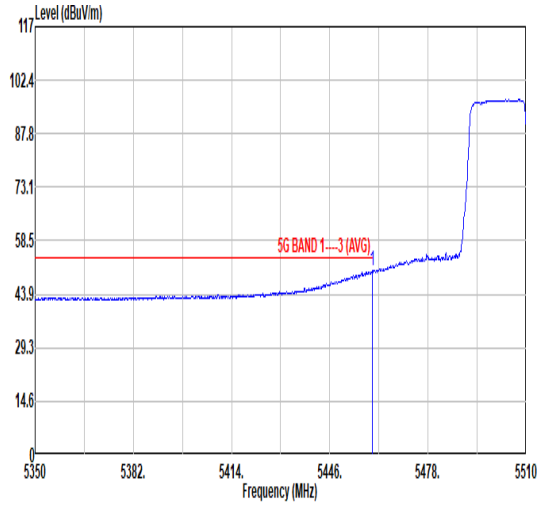
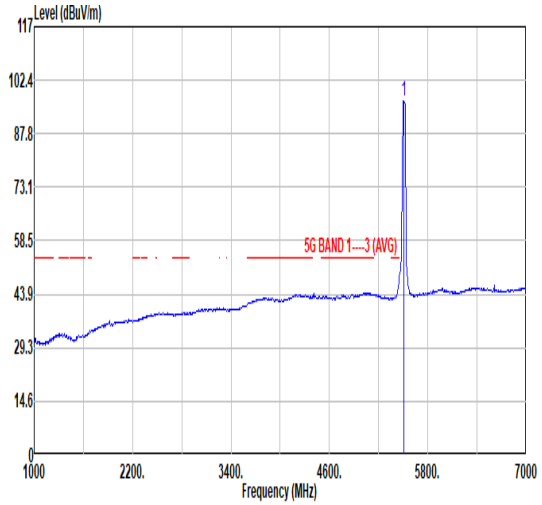
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5310.00	94.96	------	------	82.41	34.56	9.90	31.91	0.00	300	238	PEAK

	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	5057.97	44.40	54.00	-9.60	32.34	34.10	9.71	31.75	0.00	300	238	AVERAGE

	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	5310.00	86.17	------	------	73.62	34.56	9.90	31.91	0.00	300	238	AVERAGE

Mode	22	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62-5310MHz	
Pol.	Vertical	Fundamental
Peak	 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 5353.05 54.88 74.00 -19.12 42.25 34.65 9.91 31.93 0.00 300 238 PEAK	Blank
Avg	 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 5351.70 43.45 54.00 -10.55 30.82 34.65 9.91 31.93 0.00 300 238 AVERAGE	Blank

Mode	22	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62-5310MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10620.00 42.32 74.00 -31.68 56.04 37.64 15.69 67.05 0.00 300 0 PEAK	 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 10620.00 43.80 74.00 -30.20 57.52 37.64 15.69 67.05 0.00 100 0 PEAK

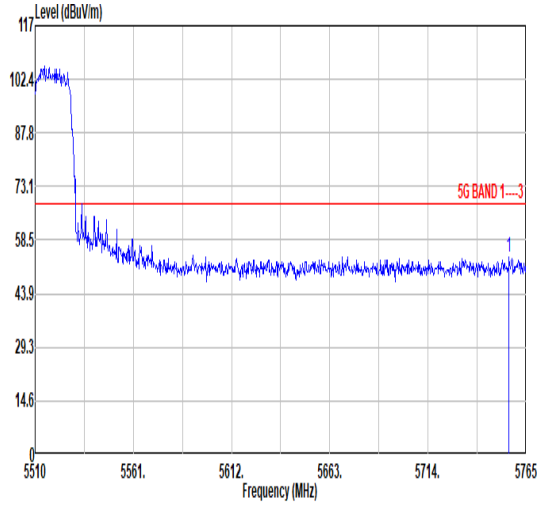
Mode	23	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102-5510MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5458.48	60.35	74.00	-13.65	47.52	34.80	10.02	31.99	0.00	100	168	PEAK
2	5469.04	63.55	68.30	-4.75	50.71	34.80	10.04	32.00	0.00	100	168	PEAK

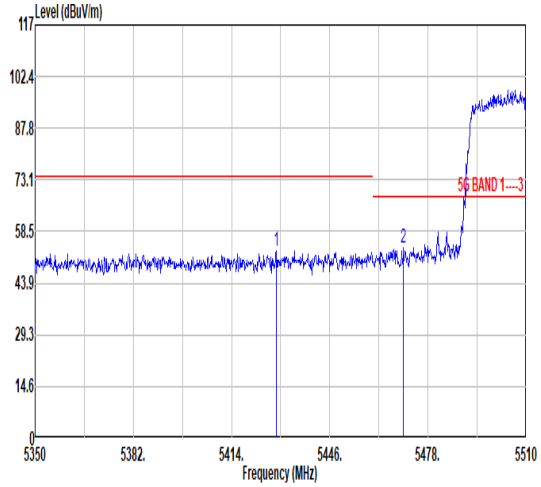
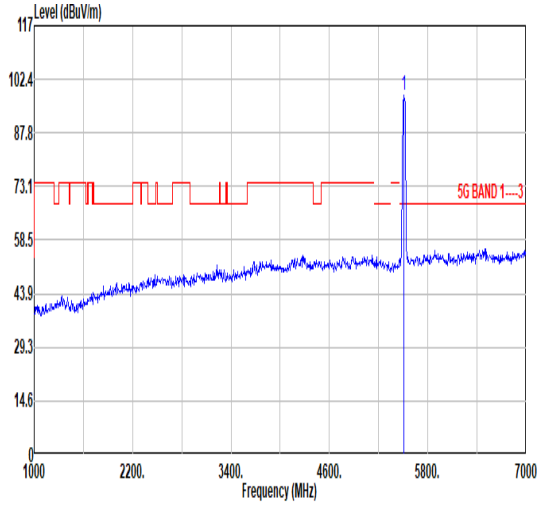
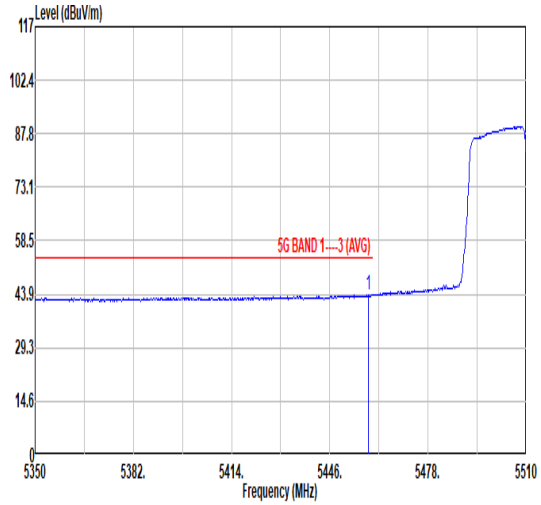
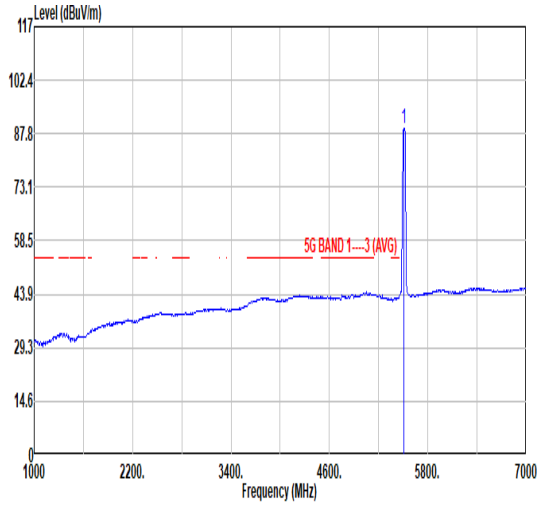
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	105.73	------	------	92.85	34.80	10.10	32.02	0.00	100	168	PEAK

	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	5459.92	50.39	54.00	-3.61	37.55	34.80	10.03	31.99	0.00	100	168	AVERAGE

	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	5510.00	96.83	------	------	83.95	34.79	10.11	32.02	0.00	100	168	AVERAGE

Mode	23	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102-5510MHz	
Pol.	Horizontal	Fundamental
Peak		Blank

	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	5756.08	53.88	68.30	-14.42	40.95	34.56	10.37	32.00	0.00	100	168	PEAK

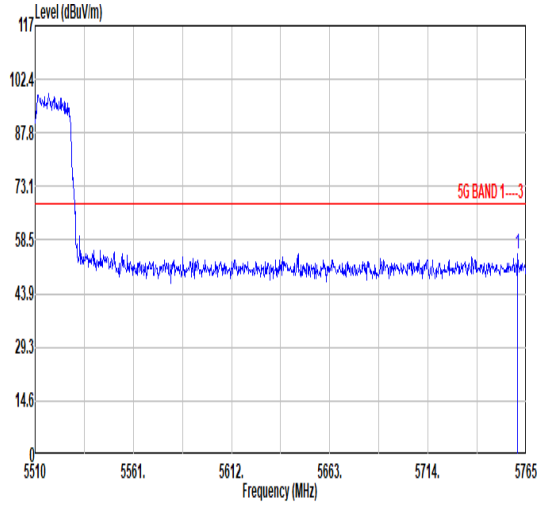
Mode	23	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102-5510MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5428.56	52.94	74.00	-21.06	40.13	34.80	9.98	31.97	0.00	363	265	PEAK
2	5470.00	54.00	68.30	-14.30	41.16	34.80	10.04	32.00	0.00	363	265	PEAK

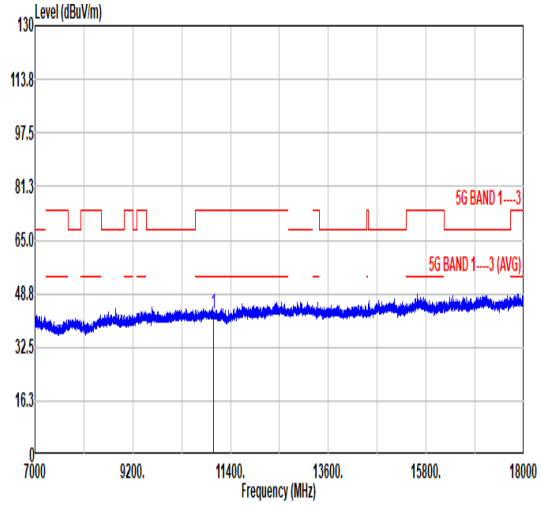
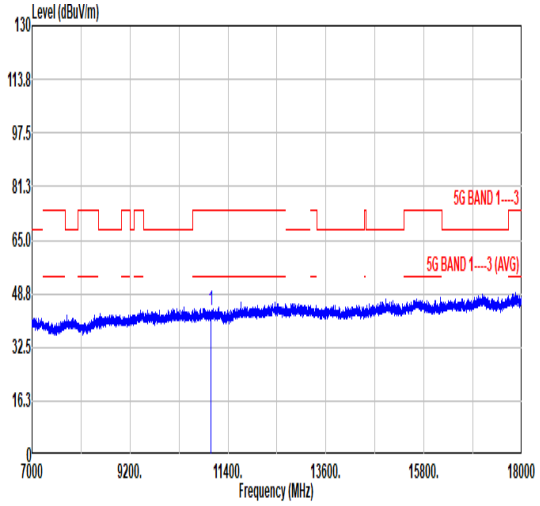
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	97.86	------	------	84.98	34.79	10.11	32.02	0.00	363	265	PEAK

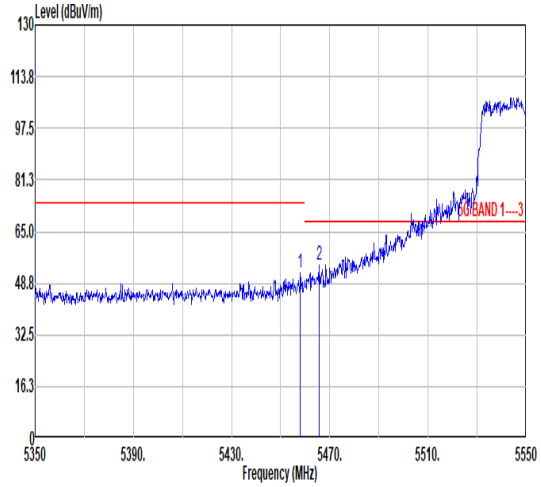
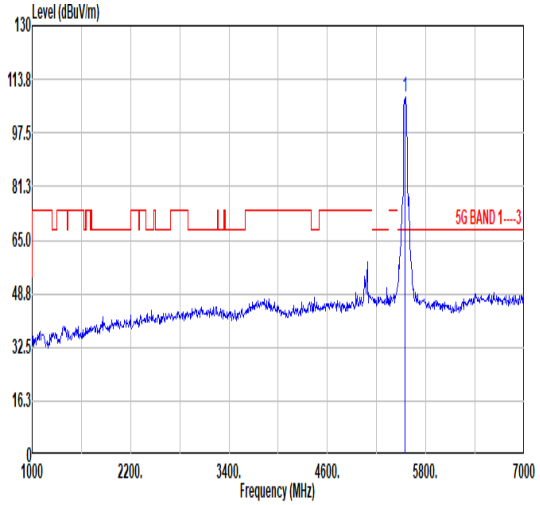
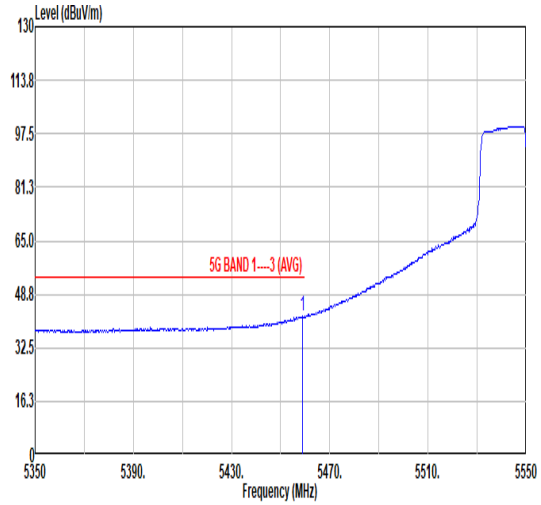
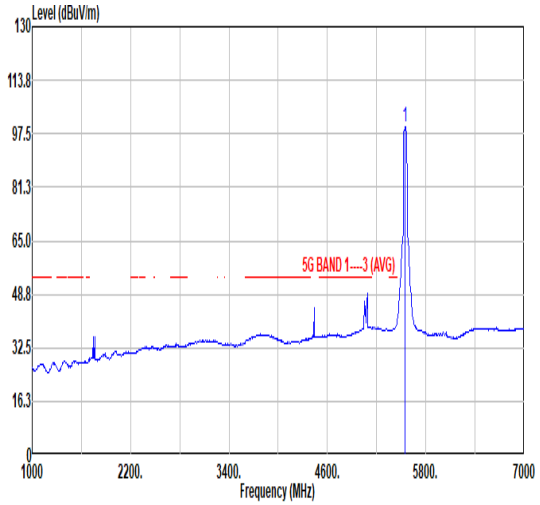
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.48	43.72	54.00	-10.28	30.89	34.80	10.02	31.99	0.00	363	265	AVERAGE

	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	5510.00	89.23	------	------	76.35	34.80	10.10	32.02	0.00	363	265	AVERAGE

Mode	23	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102-5510MHz	
Pol.	Vertical	Fundamental
Peak		Blank

	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	5760.67	54.79	68.30	-13.51	41.85	34.57	10.37	32.00	0.00	363	265	PEAK

Mode	23	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102-5510MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11020.00 42.78 74.00 -31.22 55.70 37.92 16.06 66.90 0.00 300 0 PEAK	 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 11020.00 43.85 74.00 -30.15 56.77 37.92 16.06 66.90 0.00 100 0 PEAK

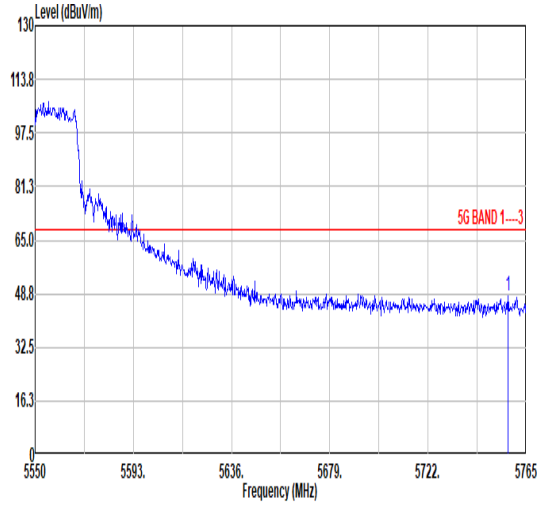
Mode	24	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110-5550MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5458.00	51.92	74.00	-22.08	42.97	34.58	10.84	36.47	0.00	100	191	PEAK
2	5465.80	54.43	68.30	-13.87	45.45	34.58	10.85	36.45	0.00	100	191	PEAK

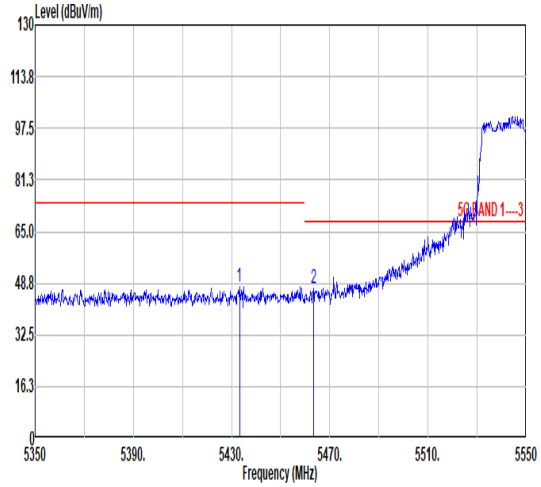
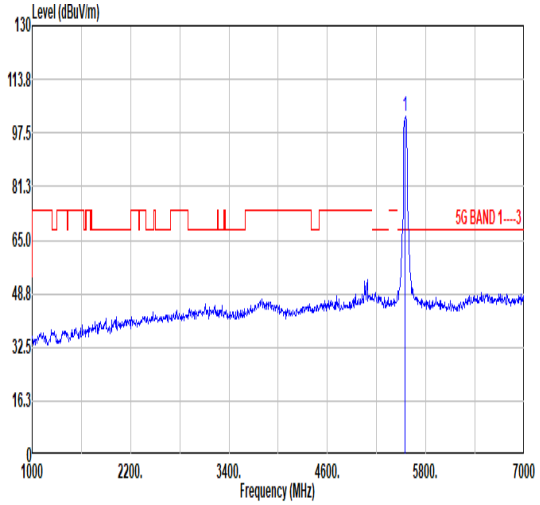
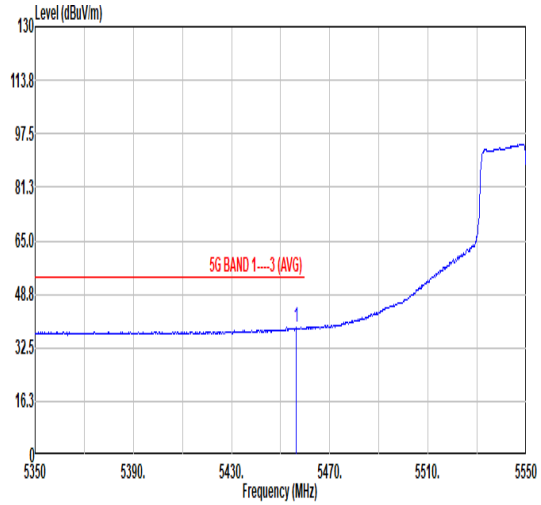
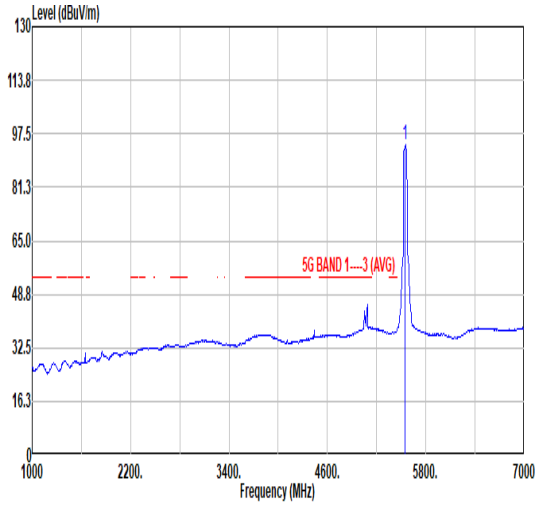
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5550.00	108.48	------	------	99.27	34.54	10.95	36.28	0.00	100	191	PEAK

	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	5458.80	42.11	54.00	-11.89	33.15	34.58	10.84	36.46	0.00	100	191	AVERAGE

	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	5550.00	99.52	------	------	90.34	34.54	10.94	36.30	0.00	100	191	AVERAGE

Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110-5550MHz	
Pol.	Horizontal	Fundamental
Peak		Blank

	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	5757.05	47.95	68.30	-20.35	40.15	34.76	11.22	38.18	0.00	100	191	PEAK

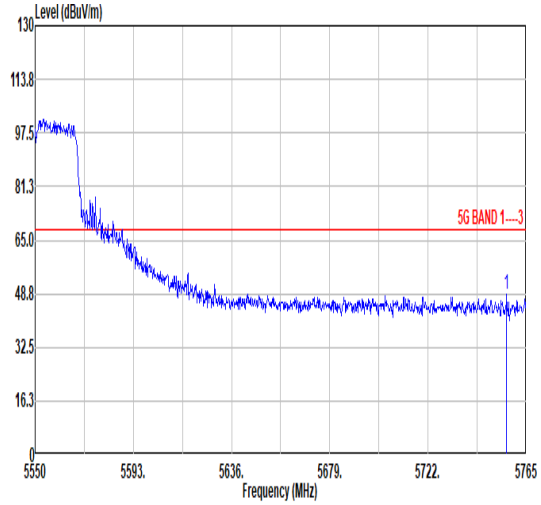
Mode	24	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110-5550MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5433.20	47.70	74.00	-26.30	38.81	34.59	10.81	36.51	0.00	366	87	PEAK
2	5463.40	47.12	68.30	-21.18	38.16	34.58	10.84	36.46	0.00	366	87	PEAK

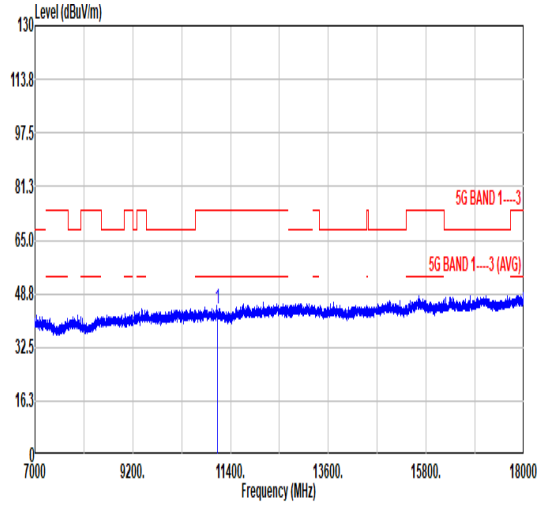
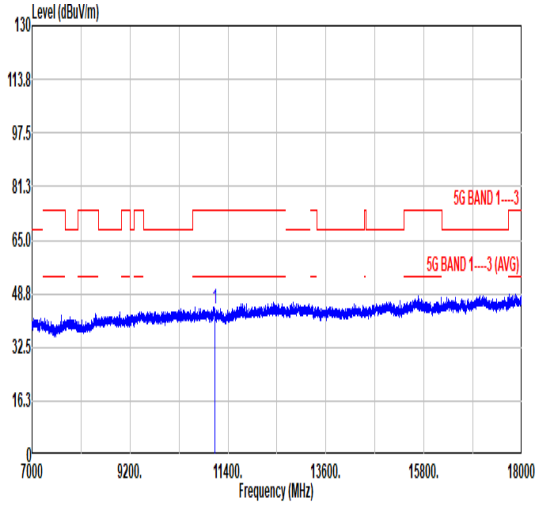
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5550.00	102.58	------	------	93.37	34.54	10.95	36.28	0.00	366	87	PEAK

	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	5456.20	38.62	54.00	-15.38	29.67	34.58	10.84	36.47	0.00	366	87	AVERAGE

	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	5550.00	94.41	------	------	85.20	34.54	10.95	36.28	0.00	366	87	AVERAGE

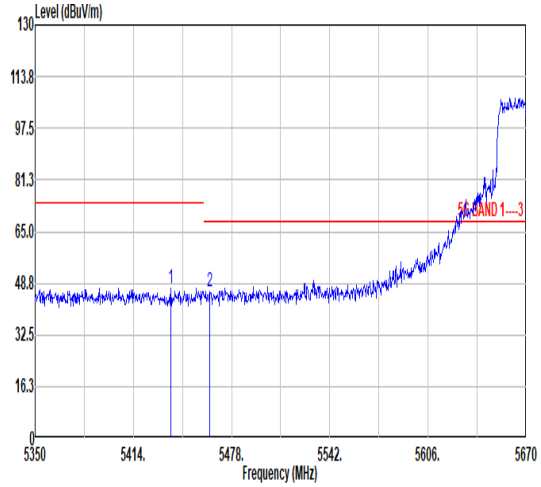
Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110-5550MHz	
Pol.	Vertical	Fundamental
Peak		Blank

	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	5756.40	48.41	68.30	-19.89	40.60	34.76	11.22	38.17	0.00	366	87	PEAK

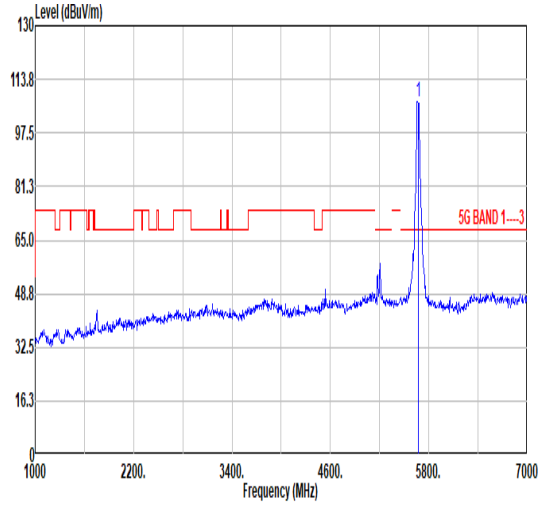
Mode	24	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110-5550MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11100.00 44.05 74.00 -29.95 56.83 37.98 16.11 66.87 0.00 300 0 PEAK	 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 11100.00 43.93 74.00 -30.07 56.71 37.98 16.11 66.87 0.00 100 0 PEAK

Mode	25	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134-5670MHz	
Pol.	Horizontal	Fundamental

Peak

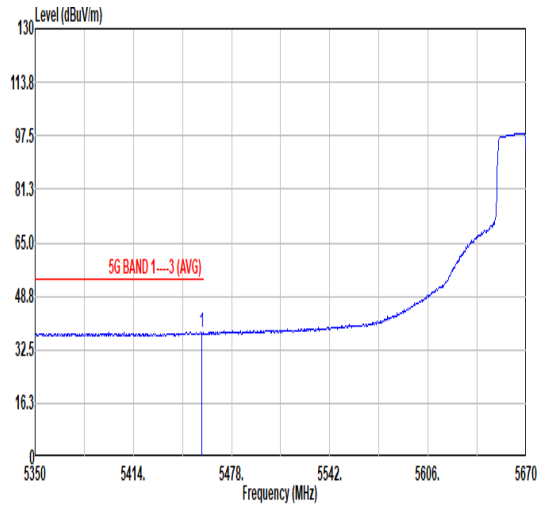


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5438.64	47.24	74.00	-26.76	38.33	34.59	10.82	36.50	0.00	100	187	PEAK
2	5463.92	46.26	68.30	-22.04	37.30	34.58	10.84	36.46	0.00	100	187	PEAK

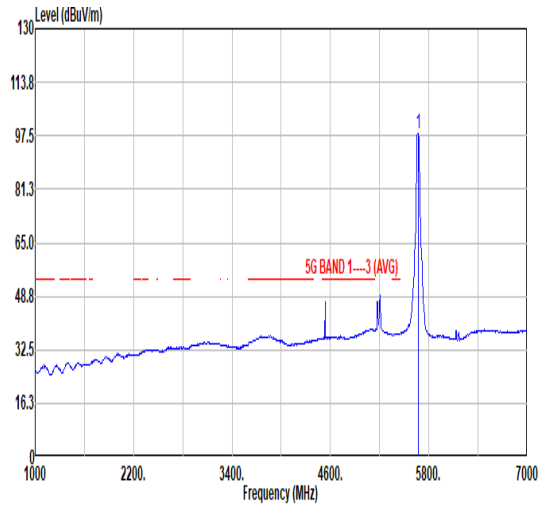


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5670.00	106.87	------	------	97.68	34.50	11.08	36.39	0.00	100	187	PEAK

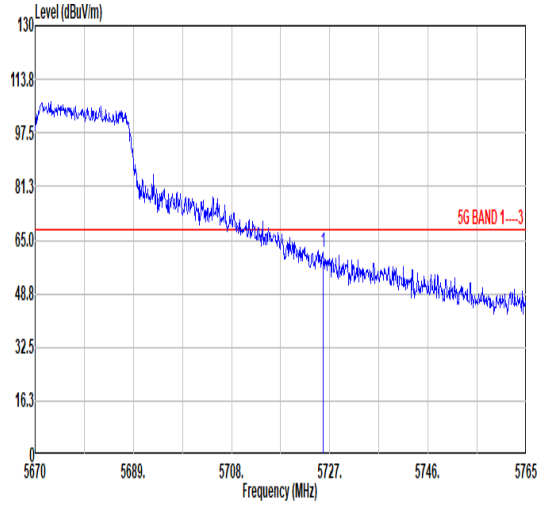
Avg



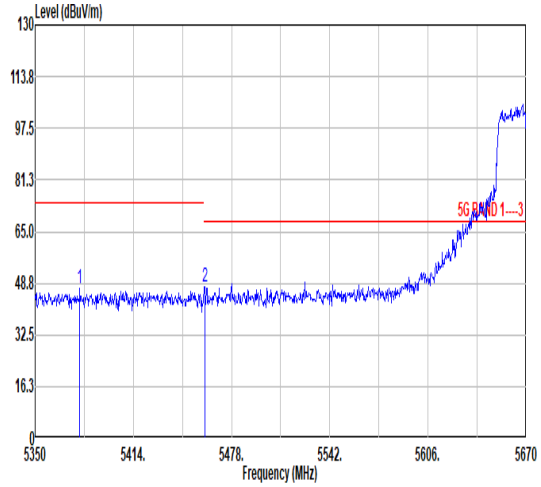
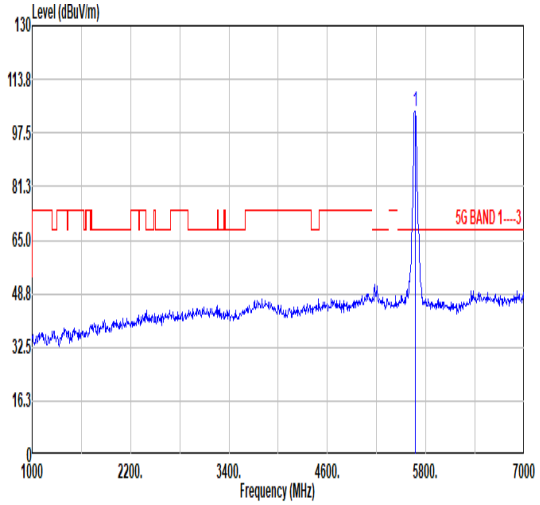
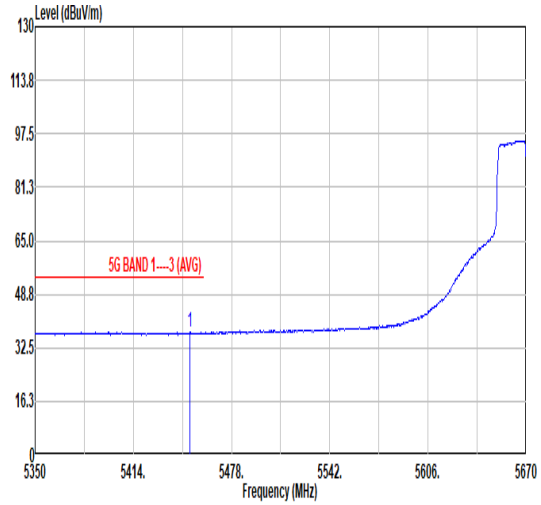
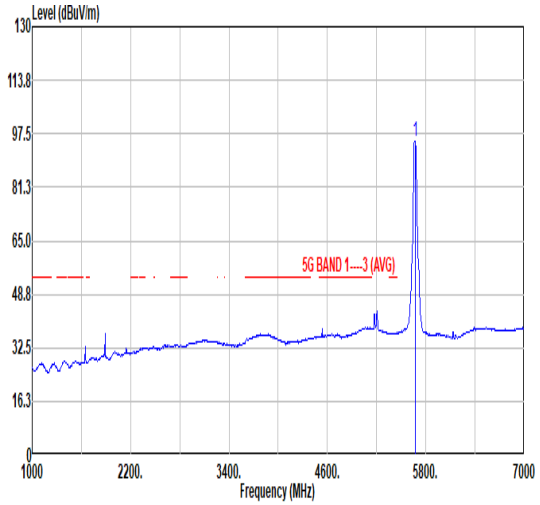
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.80	37.69	54.00	-16.31	28.73	34.58	10.84	36.46	0.00	100	187	AVERAGE



	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	5670.00	98.11	------	------	89.00	34.51	11.09	36.49	0.00	100	187	AVERAGE

Mode	25	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134-5670MHz	
Pol.	Horizontal	Fundamental
Peak		Blank

	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	5725.67	61.08	68.30	-7.22	52.85	34.68	11.18	37.63	0.00	100	187	PEAK

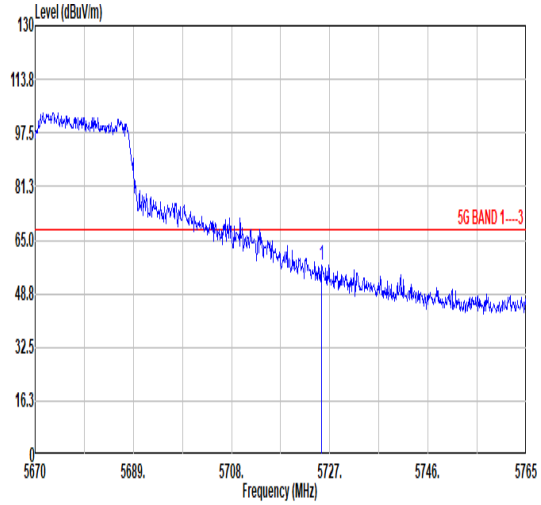
Mode	25	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134-5670MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5379.12	47.22	74.00	-26.78	38.52	34.56	10.76	36.62	0.00	332	96	PEAK
2	5460.40	47.65	68.30	-20.65	38.69	34.58	10.84	36.46	0.00	332	96	PEAK

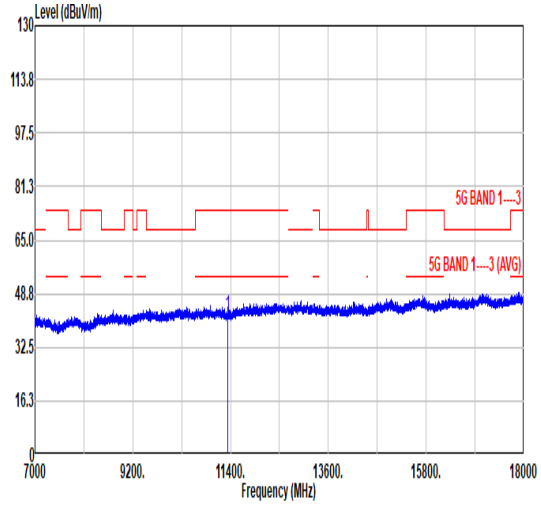
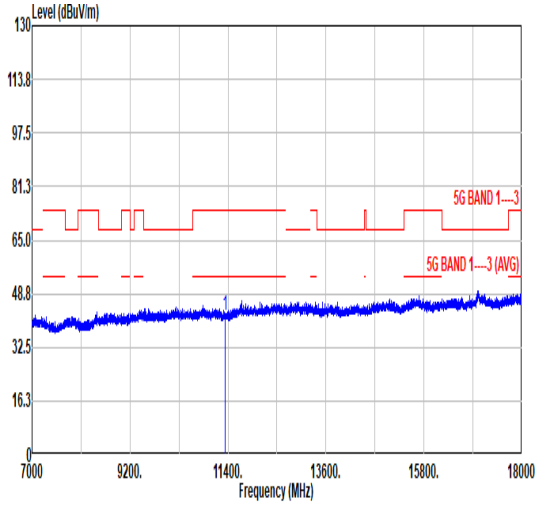
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5670.00	104.02	------	------	94.91	34.51	11.09	36.49	0.00	332	96	PEAK

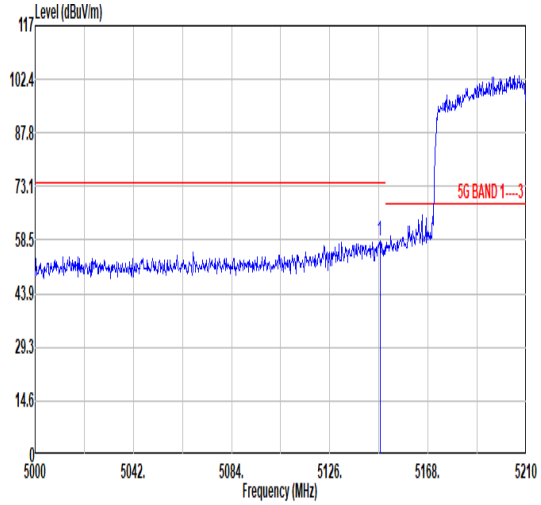
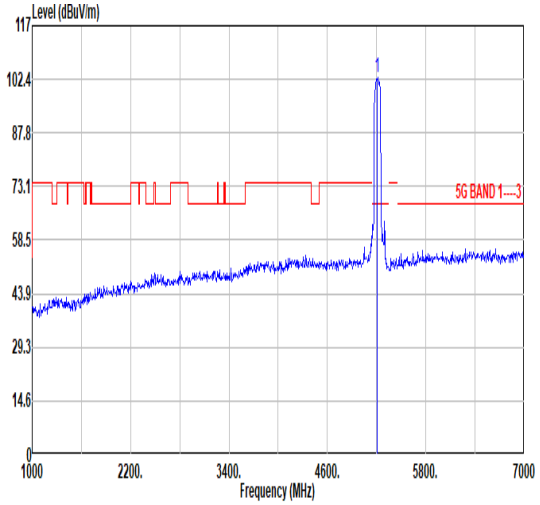
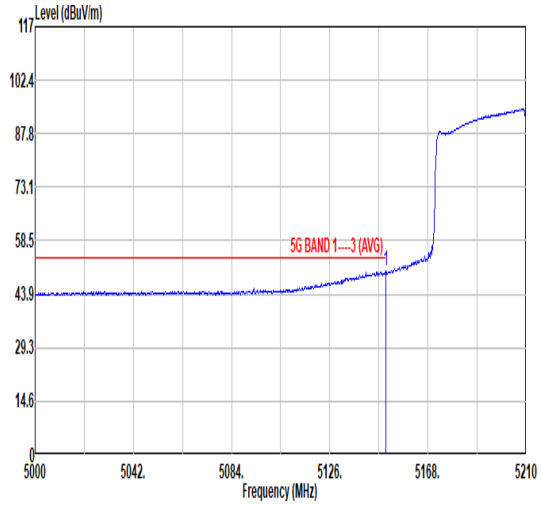
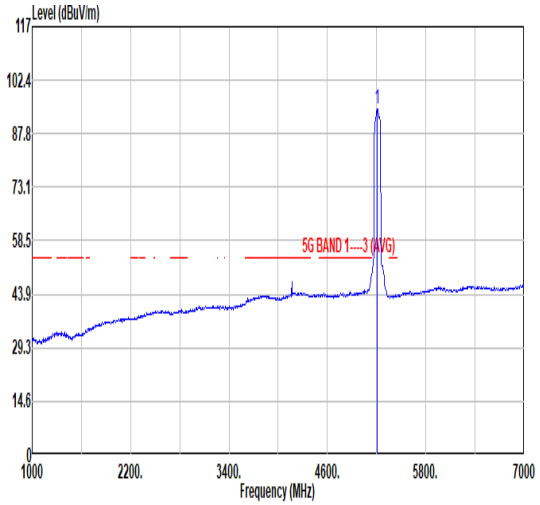
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5450.80	37.25	54.00	-16.75	28.32	34.58	10.83	36.48	0.00	332	96	AVERAGE

	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	5670.00	95.16	------	------	86.13	34.53	11.10	36.60	0.00	332	96	AVERAGE

Mode	25	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134-5670MHz	
Pol.	Vertical	Fundamental
Peak		Blank

	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	5725.39	57.33	68.30	-10.97	49.09	34.68	11.18	37.62	0.00	332	96	PEAK

Mode	25	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134-5670MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11340.00 42.43 74.00 -31.57 54.79 38.17 16.26 66.79 0.00 300 0 PEAK	 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 11340.00 42.04 74.00 -31.96 54.40 38.17 16.26 66.79 0.00 100 0 PEAK

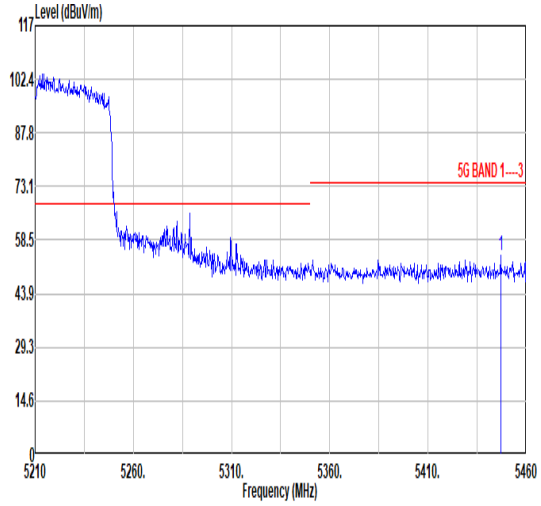
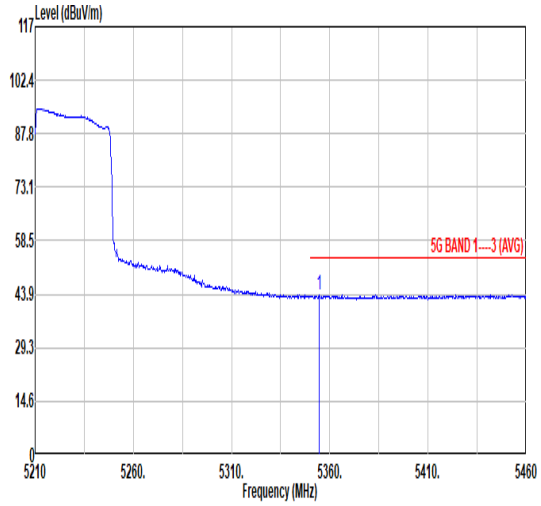
Mode	26	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42-5210MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

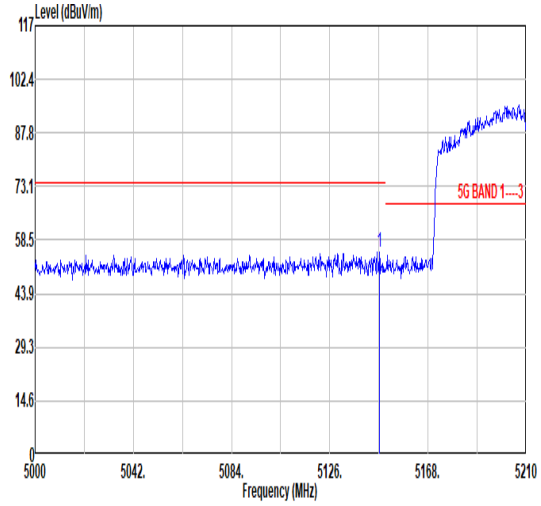
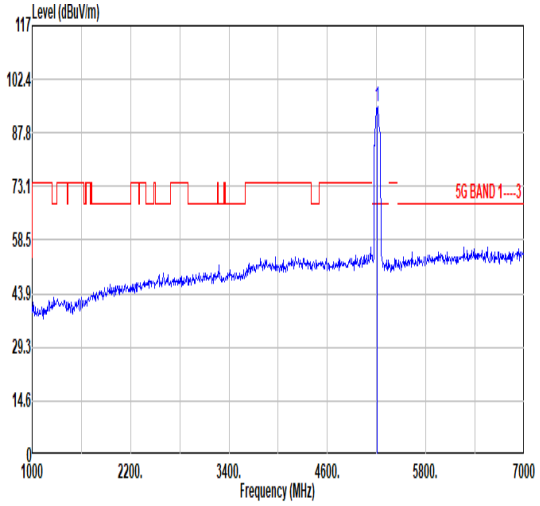
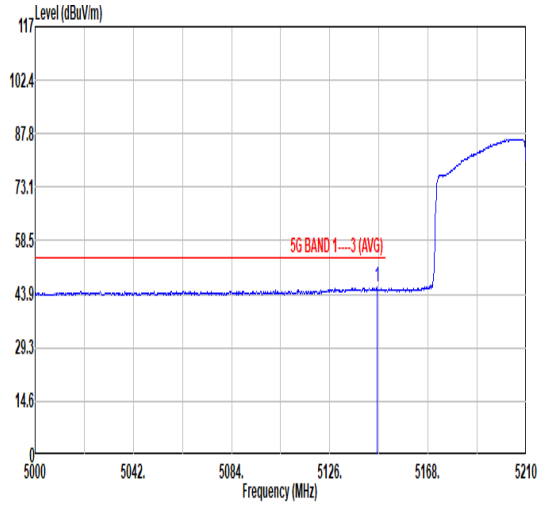
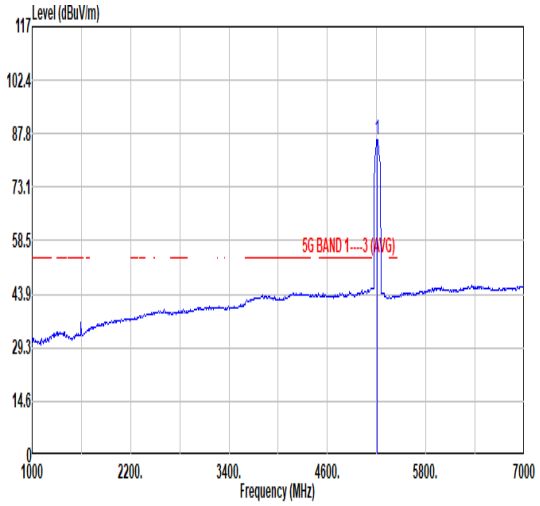
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.42	58.11	74.00	-15.89	46.03	34.10	9.78	31.80	0.00	111	174	PEAK

	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	102.90	------	------	90.73	34.17	9.84	31.84	0.00	111	174	PEAK

	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	50.29	54.00	-3.71	38.20	34.10	9.79	31.80	0.00	111	174	AVERAGE

	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	94.67	------	------	82.52	34.15	9.84	31.84	0.00	111	174	AVERAGE

Mode	26	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42-5210MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5447.00 54.50 74.00 -19.50 41.67 34.80 10.01 31.98 0.00 111 174 PEAK	Blank
Avg	 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 5354.50 43.84 54.00 -10.16 31.20 34.66 9.91 31.93 0.00 111 174 AVERAGE	Blank

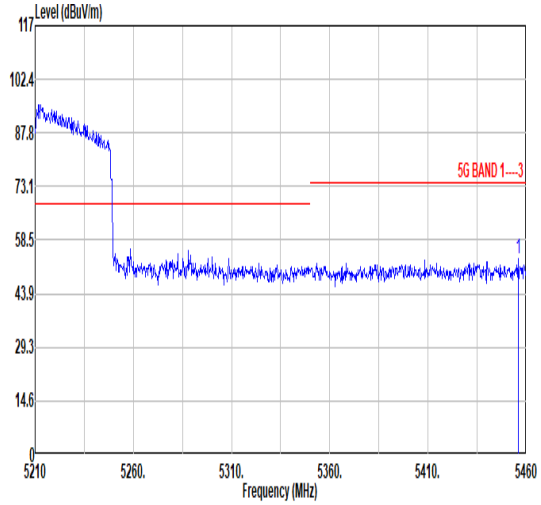
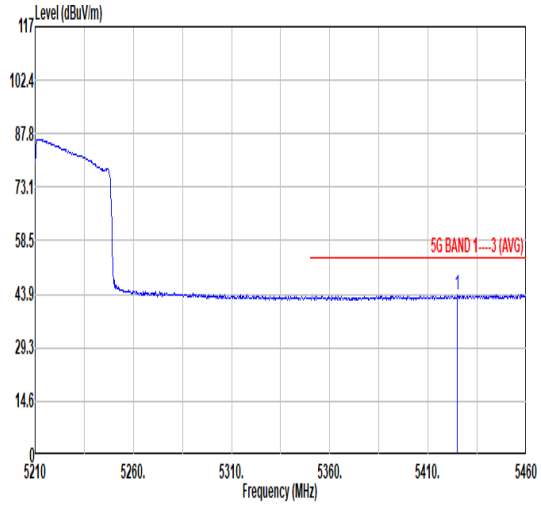
Mode	26	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42-5210MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

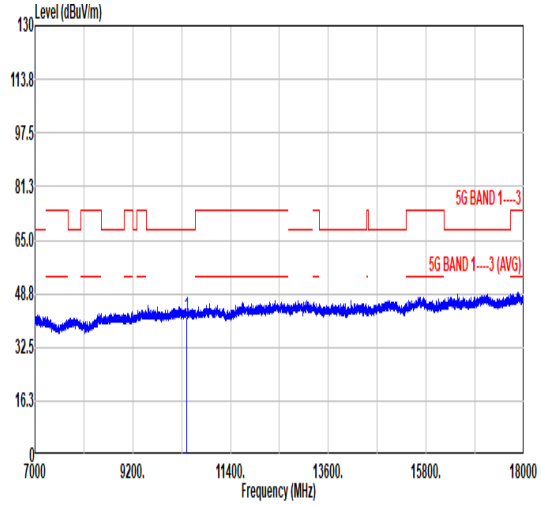
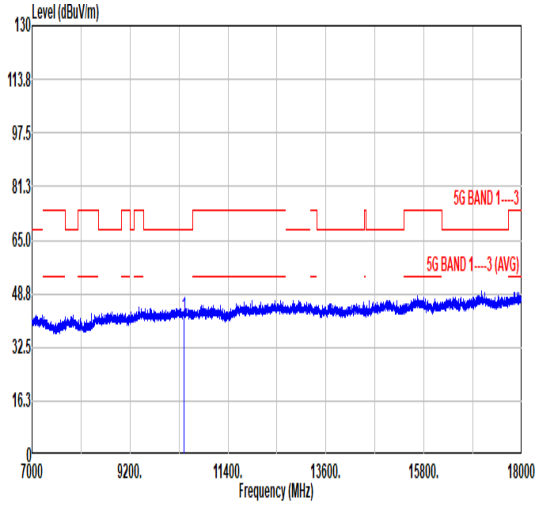
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.21	55.24	74.00	-18.76	43.16	34.10	9.78	31.80	0.00	359	266	PEAK

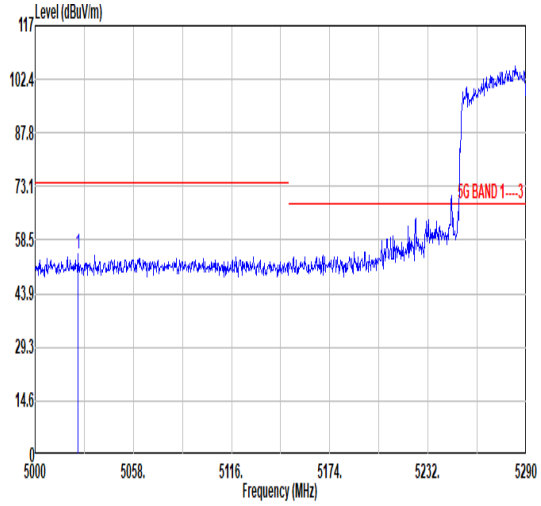
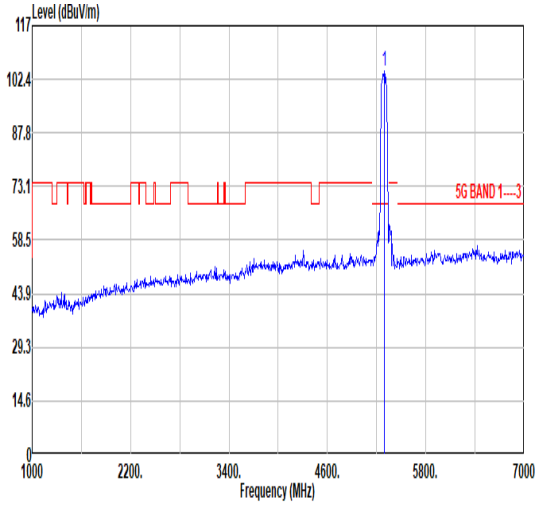
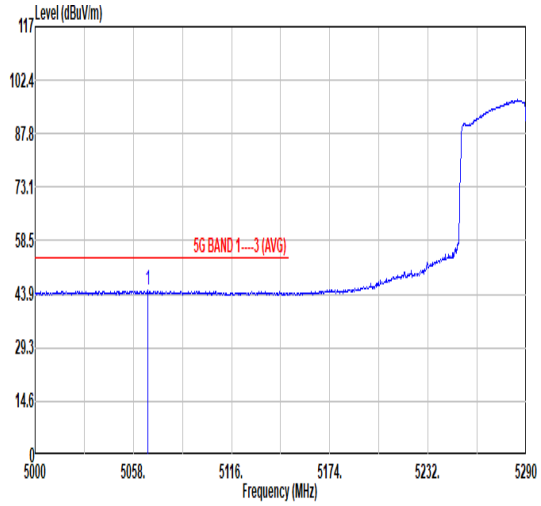
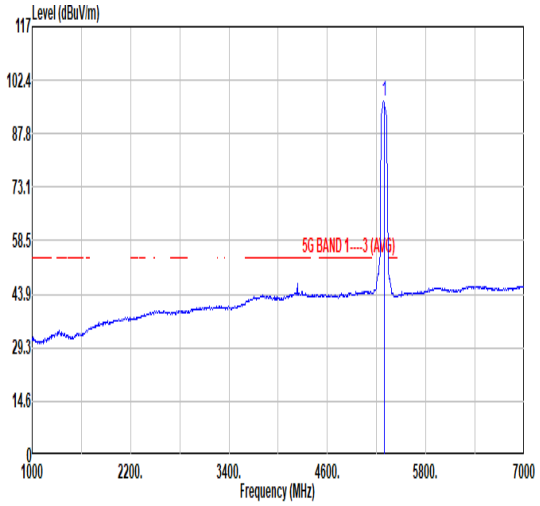
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	94.78	------	------	82.63	34.15	9.84	31.84	0.00	359	266	PEAK

	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	5146.16	45.85	54.00	-8.15	33.77	34.10	9.78	31.80	0.00	359	266	AVERAGE

	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	86.26	------	------	74.14	34.13	9.83	31.84	0.00	359	266	AVERAGE

Mode	26	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42-5210MHz	
Pol.	Vertical	Fundamental
Peak	 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 5456.00 53.24 74.00 -20.76 40.41 34.80 10.02 31.99 0.00 359 266 PEAK	Blank
Avg	 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 5425.00 43.59 54.00 -10.41 30.79 34.80 9.97 31.97 0.00 359 266 AVERAGE	Blank

Mode	26	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42-5210MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 10420.00 41.76 68.30 -26.54 55.87 37.50 15.51 67.12 0.00 300 0 PEAK	 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 10420.00 41.68 68.30 -26.62 55.79 37.50 15.51 67.12 0.00 100 0 PEAK

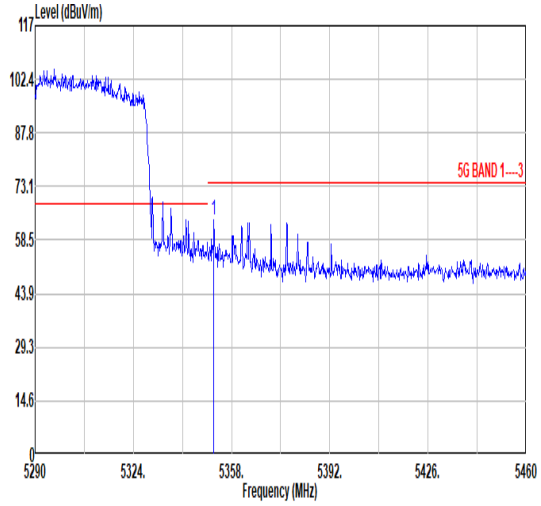
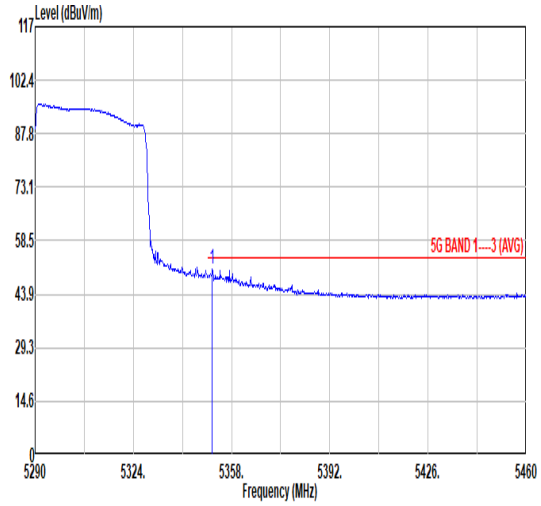
Mode	27	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58-5290MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

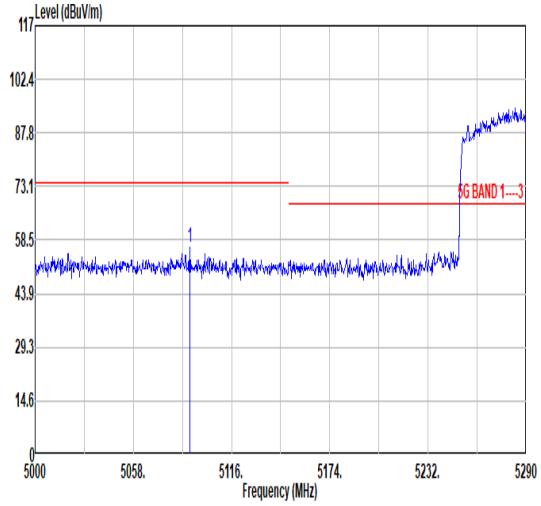
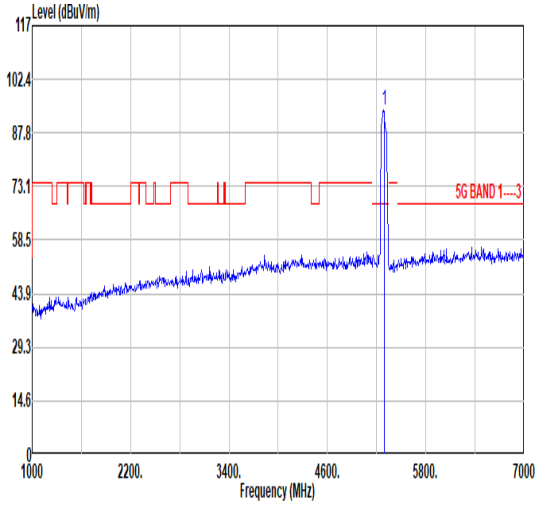
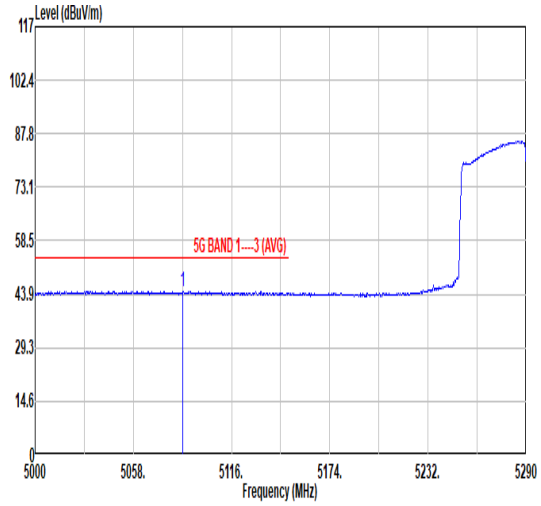
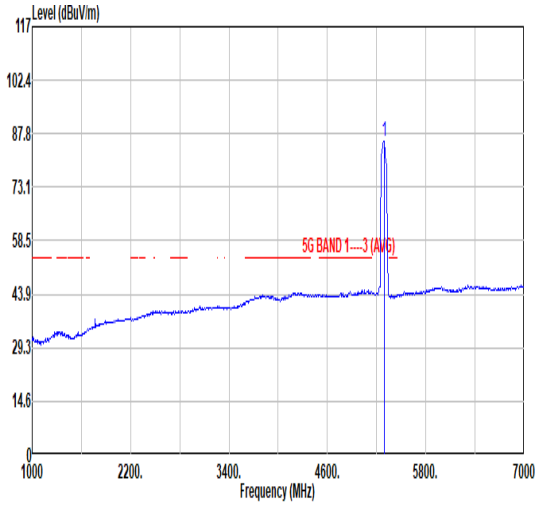
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5025.52	54.91	74.00	-19.09	42.86	34.10	9.68	31.73	0.00	106	173	PEAK

	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	5290.00	104.69	------	------	92.22	34.48	9.88	31.89	0.00	106	173	PEAK

	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	5066.41	44.91	54.00	-9.09	32.85	34.10	9.71	31.75	0.00	106	173	AVERAGE

	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	5290.00	96.72	------	------	84.29	34.43	9.88	31.88	0.00	106	173	AVERAGE

Mode	27	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58-5290MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5351.88 63.82 74.00 -10.18 51.19 34.65 9.91 31.93 0.00 106 173 PEAK	Blank
Avg	 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 5351.37 50.82 54.00 -3.18 38.18 34.65 9.91 31.92 0.00 106 173 AVERAGE	Blank

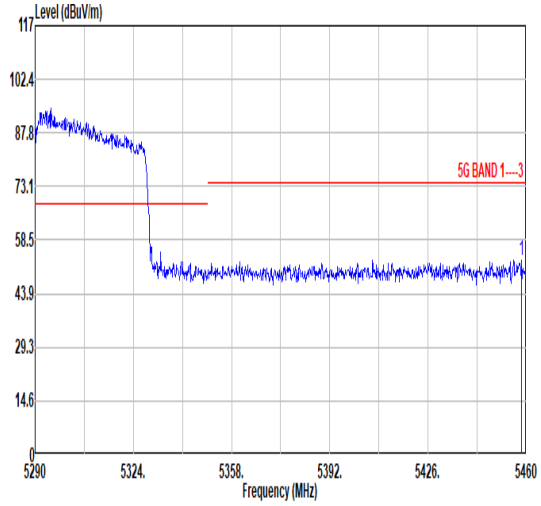
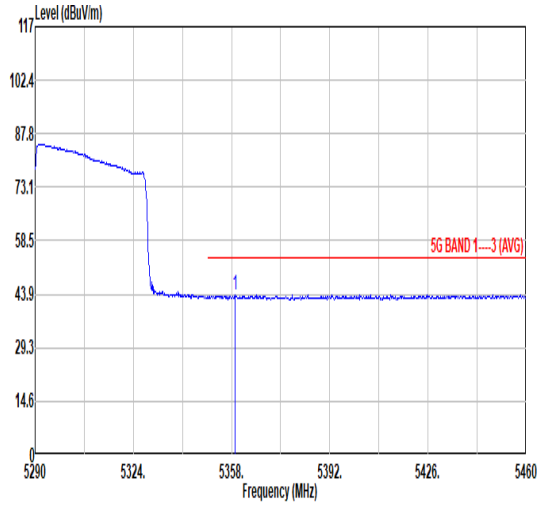
Mode	27	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58-5290MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

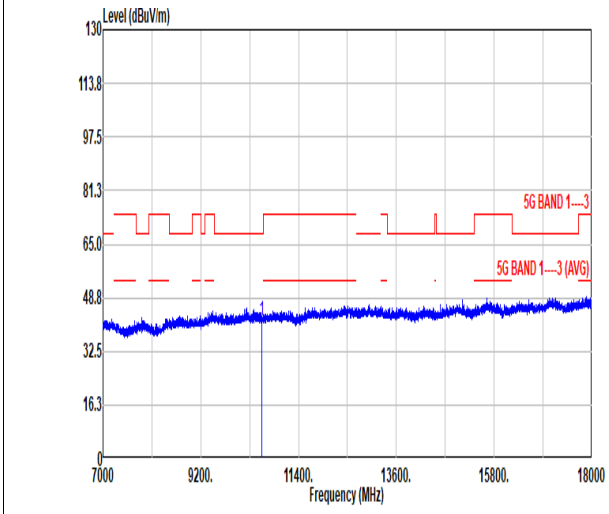
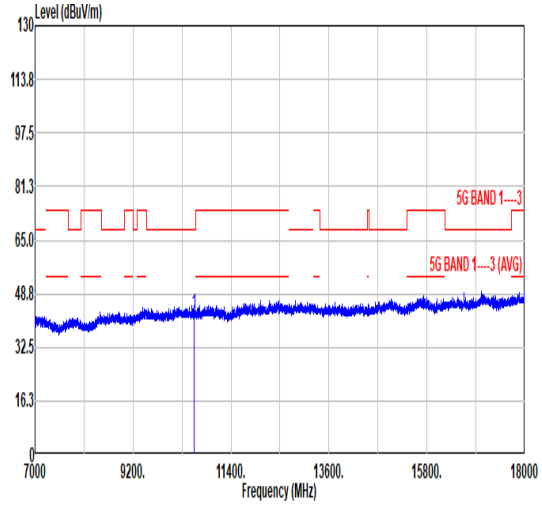
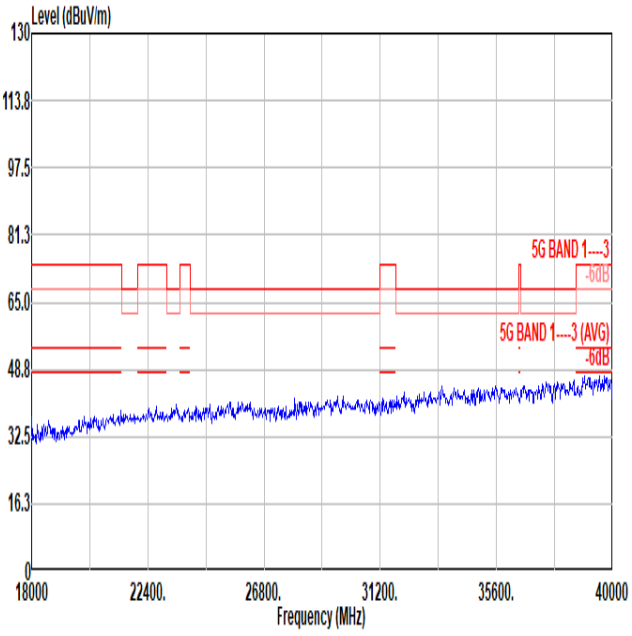
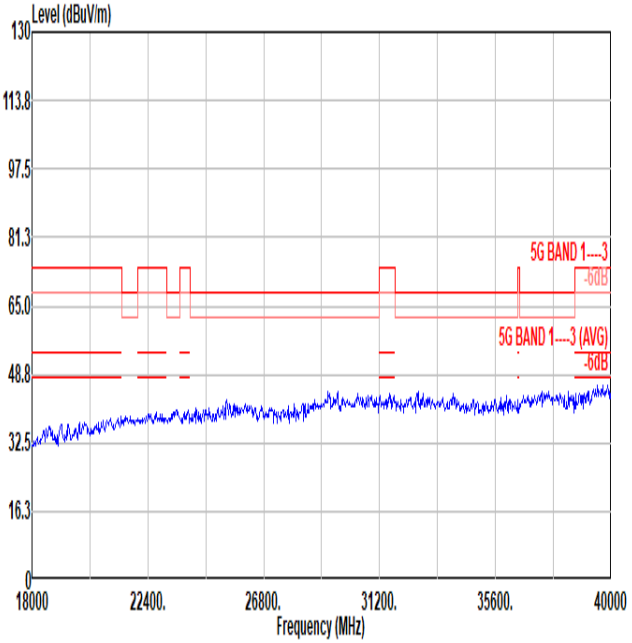
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5091.35	56.51	74.00	-17.49	44.44	34.10	9.74	31.77	0.00	300	250	PEAK

	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	5290.00	94.10	------	------	81.67	34.43	9.88	31.88	0.00	300	250	PEAK

	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	5087.29	44.77	54.00	-9.23	32.71	34.10	9.73	31.77	0.00	300	250	AVERAGE

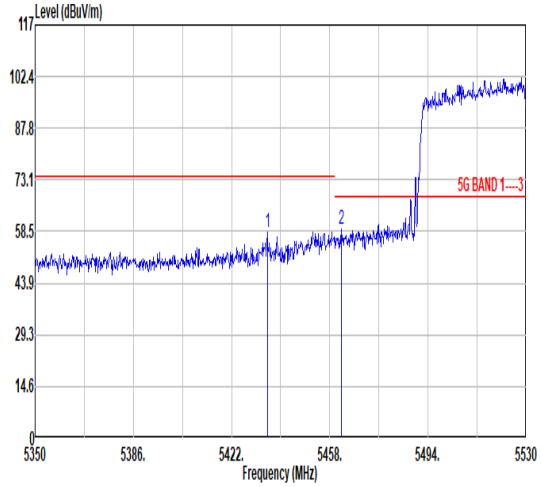
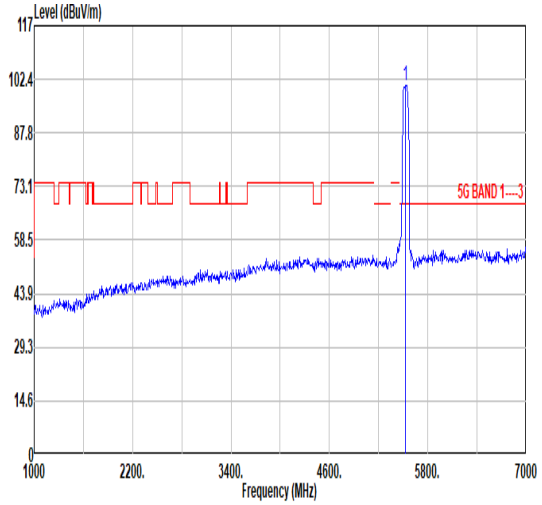
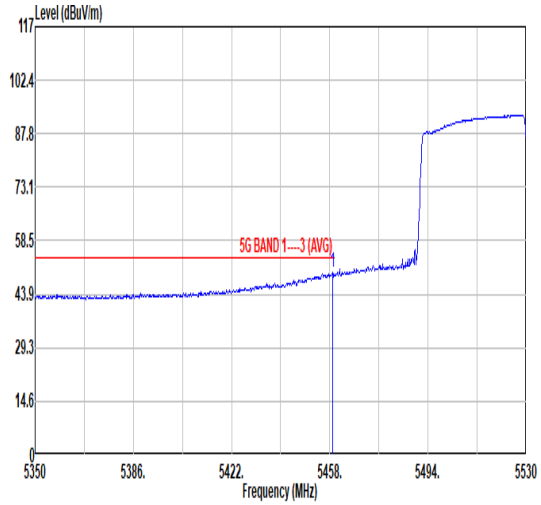
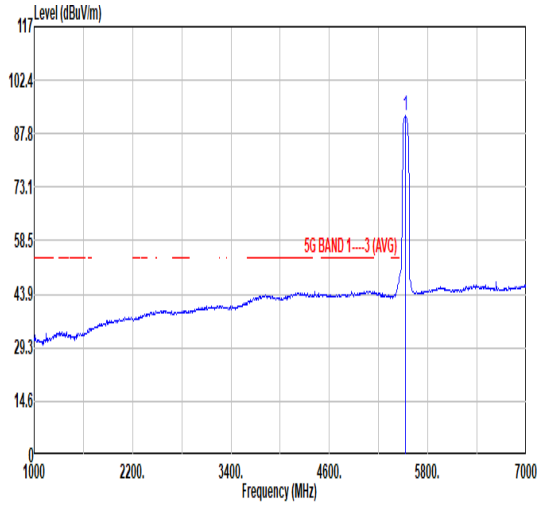
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5290.00	85.66	------	------	73.23	34.43	9.88	31.88	0.00	300	250	AVERAGE

Mode	27	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58-5290MHz	
Pol.	Vertical	Fundamental
Peak	 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 5458.47 53.17 74.00 -20.83 40.34 34.80 10.02 31.99 0.00 300 250 PEAK	Blank
Avg	 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 5359.19 43.71 54.00 -10.29 31.05 34.67 9.92 31.93 0.00 300 250 AVERAGE	Blank

Mode	27	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58-5290MHz	
Pol.	Horizontal	Vertical
Peak Avg		
Peak Avg		

	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	10580.00	41.71	68.30	-26.59	55.51	37.61	15.65	67.06	0.00	300	0	PEAK

	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	10580.00	42.56	68.30	-25.74	56.36	37.61	15.65	67.06	0.00	100	0	PEAK

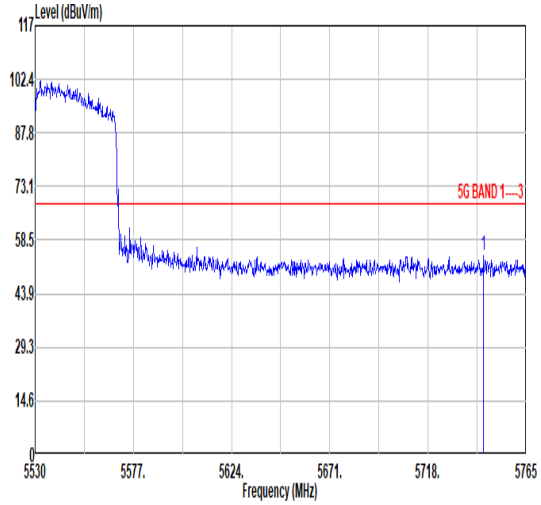
Mode	28	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106-5530MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5435.14	58.35	74.00	-15.65	45.54	34.80	9.99	31.98	0.00	100	167	PEAK
2	5462.14	59.22	68.30	-9.08	46.38	34.80	10.03	31.99	0.00	100	167	PEAK

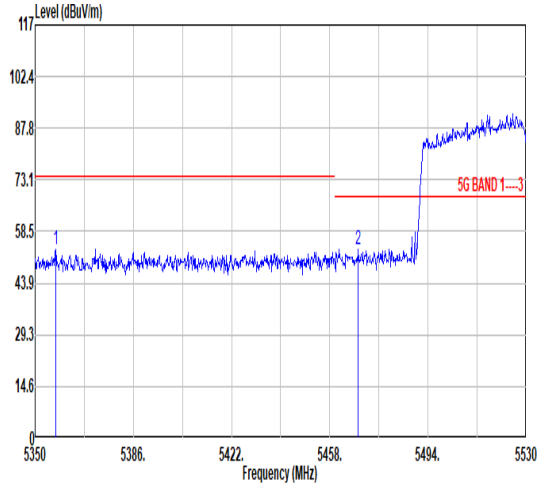
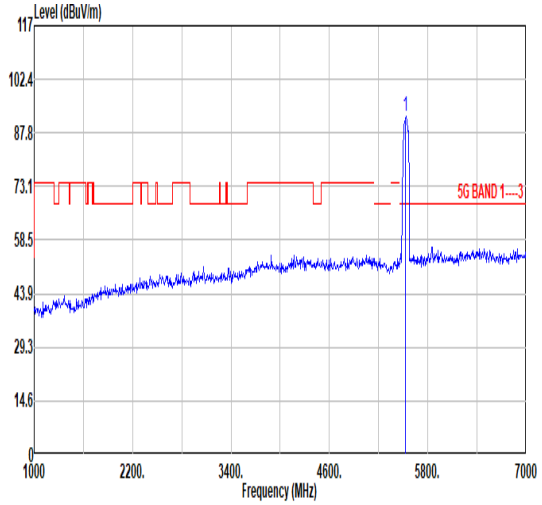
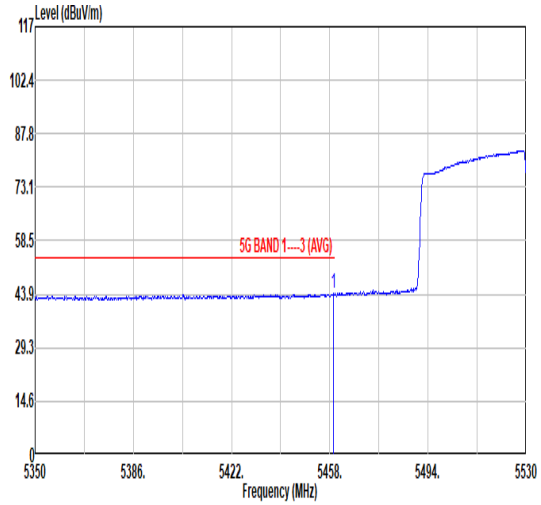
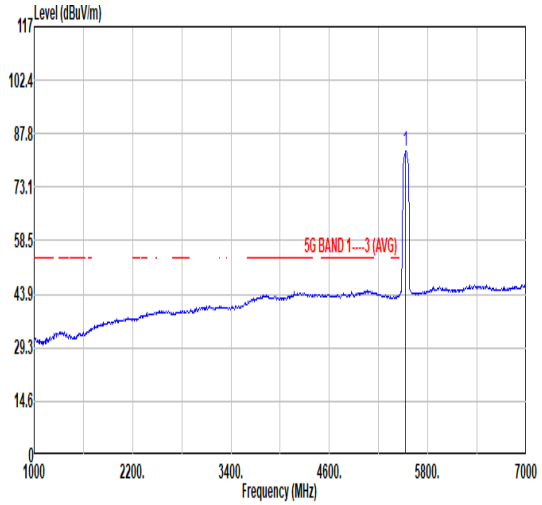
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	100.88	------	------	88.04	34.73	10.15	32.04	0.00	100	167	PEAK

	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	5459.08	49.97	54.00	-4.03	37.13	34.80	10.03	31.99	0.00	100	167	AVERAGE

	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	5530.00	92.66	------	------	79.81	34.76	10.12	32.03	0.00	100	167	AVERAGE

Mode	28	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106-5530MHz	
Pol.	Horizontal	Fundamental
Peak		Blank

	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	5744.56	54.35	68.30	-13.95	41.45	34.55	10.36	32.01	0.00	100	167	PEAK

Mode	28	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106-5530MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5357.56	53.28	74.00	-20.72	40.62	34.67	9.92	31.93	0.00	300	293	PEAK
2	5468.44	53.52	68.30	-14.78	40.68	34.80	10.04	32.00	0.00	300	293	PEAK

	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	5530.00	92.22	------	------	79.38	34.74	10.14	32.04	0.00	300	293	PEAK

	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	5459.26	44.00	54.00	-10.00	31.16	34.80	10.03	31.99	0.00	300	293	AVERAGE

	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	5530.00	83.04	------	------	70.20	34.74	10.14	32.04	0.00	300	293	AVERAGE

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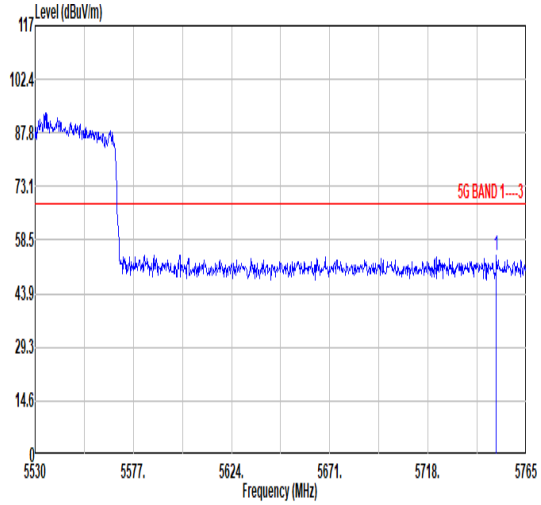
<tr><td rowspan="3">Mode</td><td colspan="2">28</td></tr>
<tr><td colspan="2">Band Edge - R</td></tr>
<tr><td colspan="2">U-NII-2C_5.47-5.725_802.11ac VHT80_CH106-5530MHz</td></tr>
<tr><td>Pol.</td><td>Vertical</td><td>Fundamental</td></tr>
<tr><td>Peak</td><td> 

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<tr><td></td><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr>
<tr><td>1</td><td>5750.67</td><td>54.42</td><td>68.30</td><td>-13.88</td><td>41.50</td><td>34.56</td><td>10.37</td><td>32.01</td><td>0.00</td><td>300</td><td>293</td><td>PEAK</td></tr>
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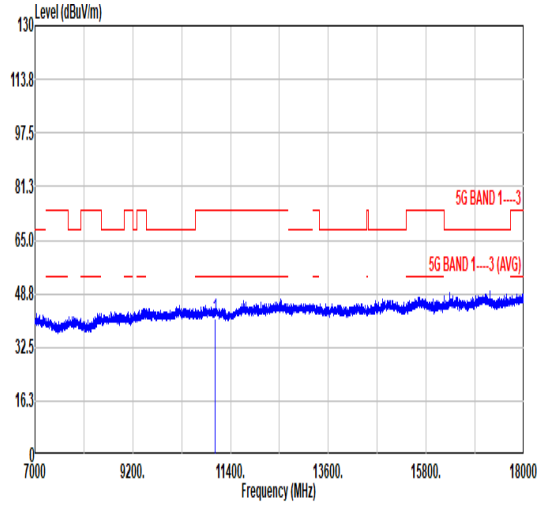
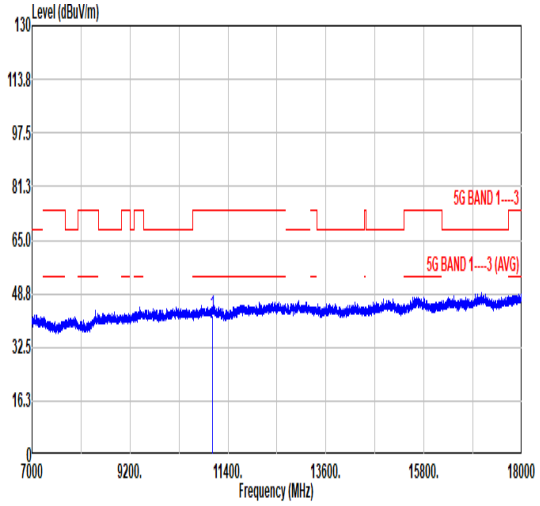
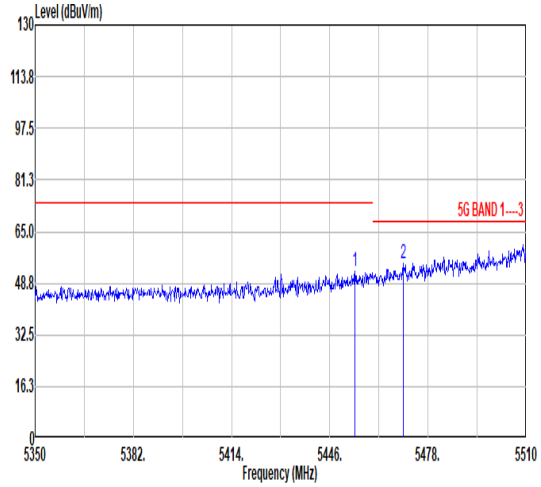
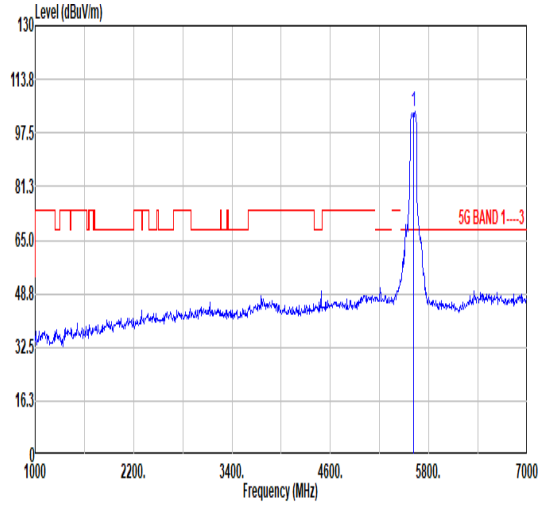
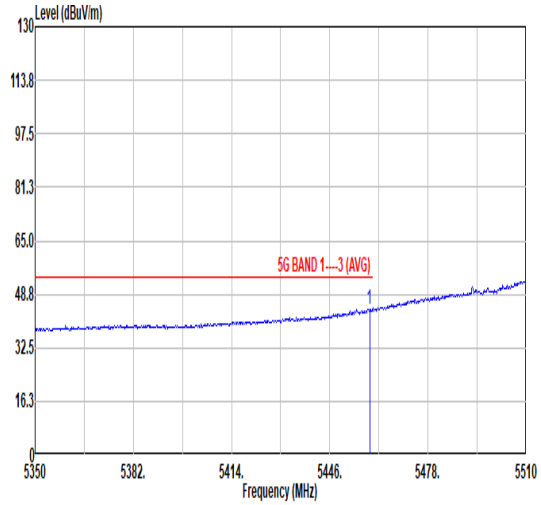
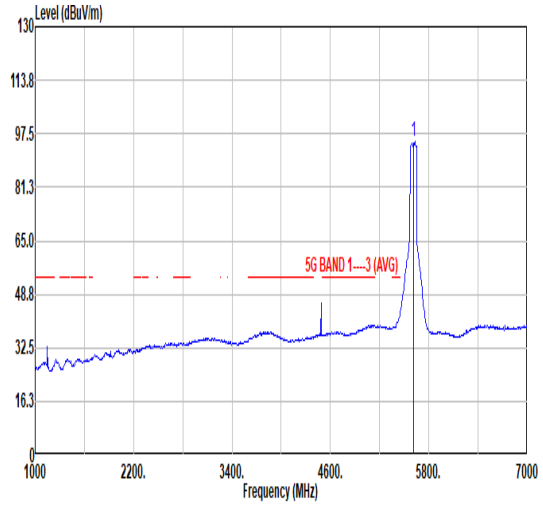
Mode	28	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106-5530MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11060.00 41.05 74.00 -32.95 53.91 37.95 16.08 66.89 0.00 300 0 PEAK	 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 11060.00 42.19 74.00 -31.81 55.05 37.95 16.08 66.89 0.00 100 0 PEAK

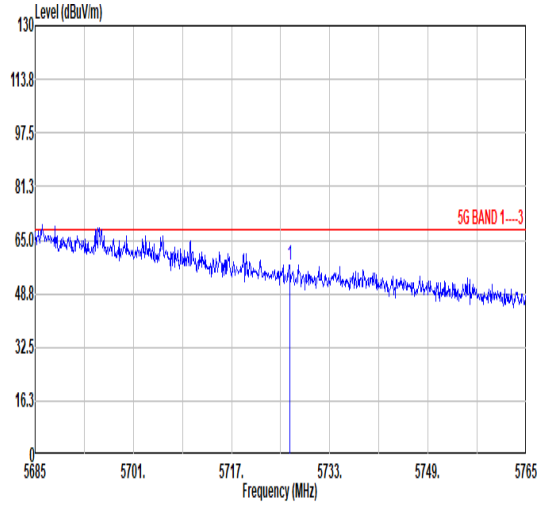
Mode	29	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122-5610MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

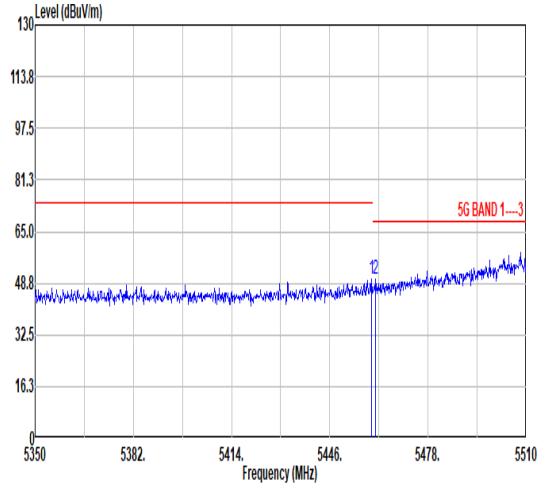
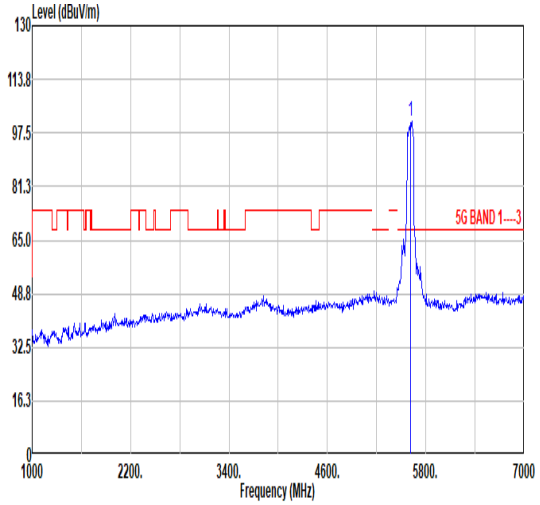
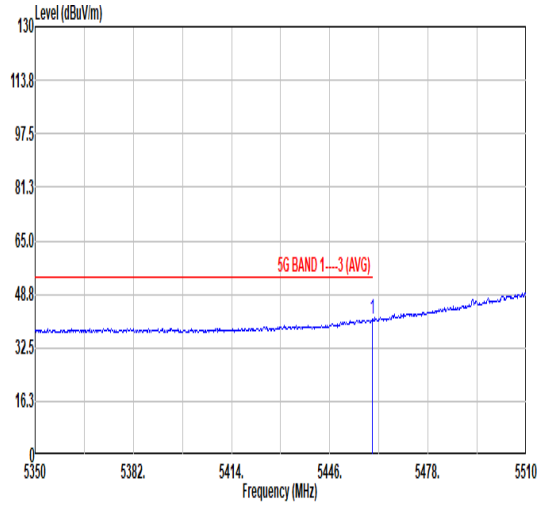
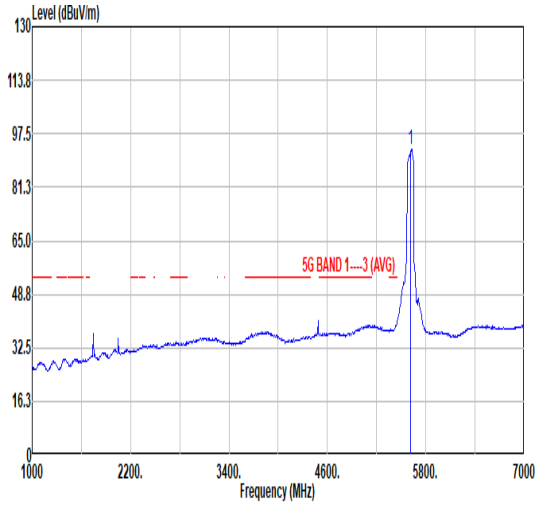
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5454.16	52.27	74.00	-21.73	43.33	34.58	10.83	36.47	0.00	100	354	PEAK
2	5469.84	54.90	68.30	-13.40	45.92	34.57	10.85	36.44	0.00	100	354	PEAK

	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	5610.00	103.87	------	------	94.43	34.51	11.06	36.13	0.00	100	354	PEAK

	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	5458.96	44.26	54.00	-9.74	35.30	34.58	10.84	36.46	0.00	100	354	AVERAGE

	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	5610.00	95.11	------	------	85.69	34.51	11.05	36.14	0.00	100	354	AVERAGE

Mode	29	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122-5610MHz	
Pol.	Horizontal	Fundamental
Peak	 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 5726.44 57.57 68.30 -10.73 49.35 34.68 11.18 37.64 0.00 100 354 PEAK	Blank

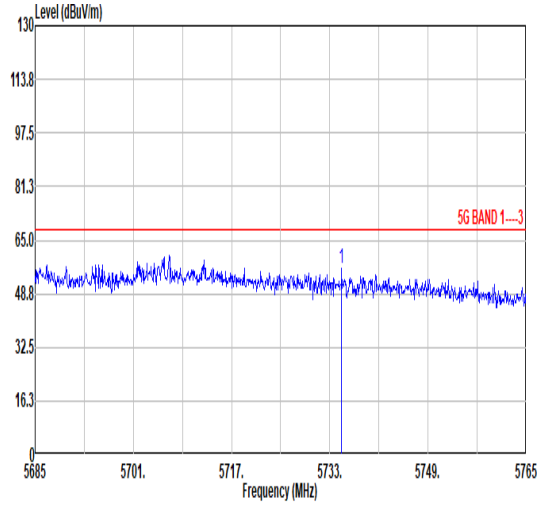
Mode	29	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122-5610MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5459.60	49.98	74.00	-24.02	41.02	34.58	10.84	36.46	0.00	382	87	PEAK
2	5460.88	50.27	68.30	-18.03	41.31	34.58	10.84	36.46	0.00	382	87	PEAK

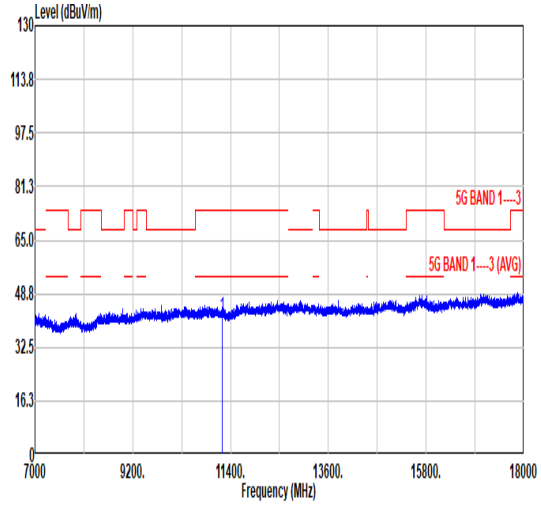
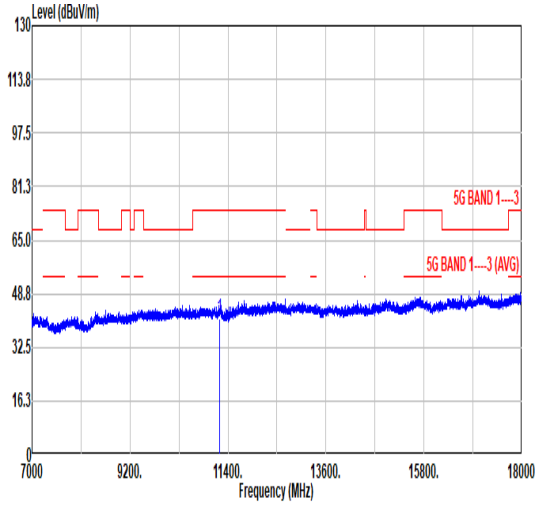
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	100.88	------	------	91.46	34.51	11.05	36.14	0.00	382	87	PEAK

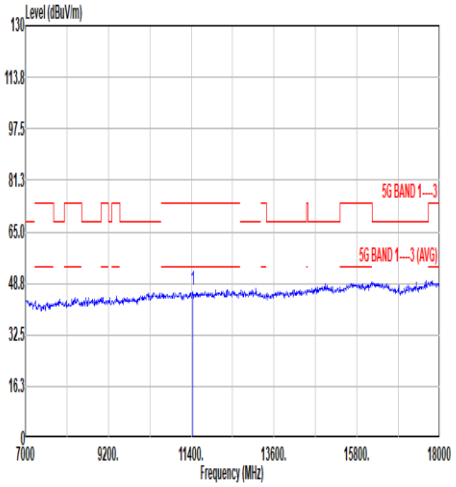
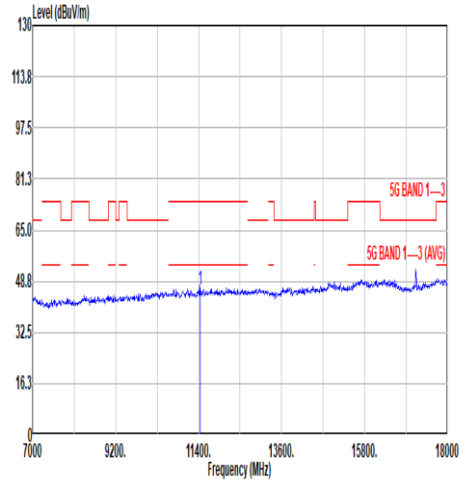
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.92	41.25	54.00	-12.75	32.29	34.58	10.84	36.46	0.00	382	87	AVERAGE

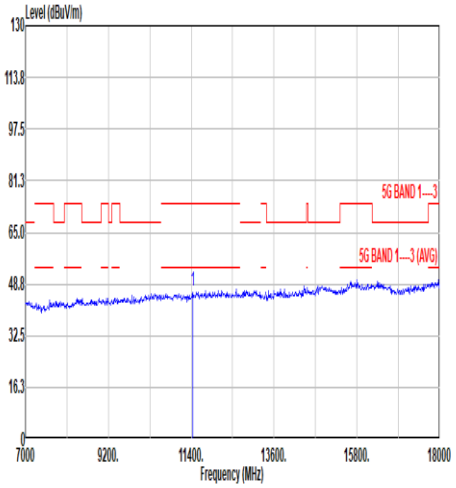
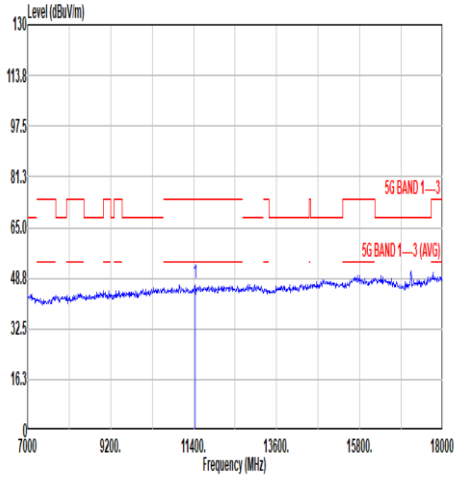
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	92.58	------	------	83.16	34.51	11.05	36.14	0.00	382	87	AVERAGE

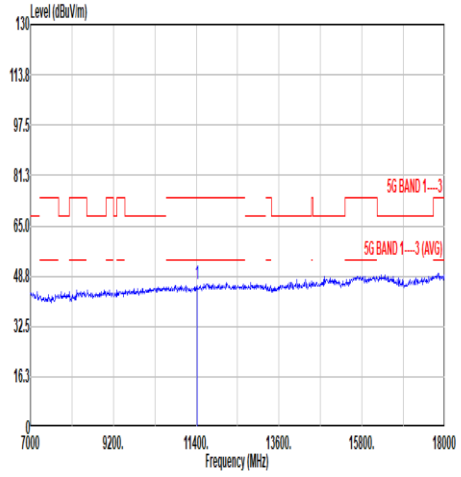
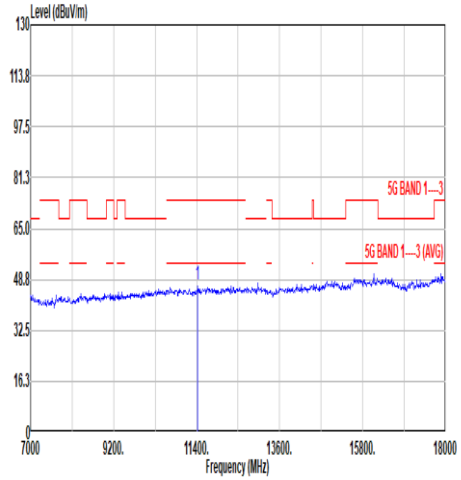
Mode	29	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122-5610MHz	
Pol.	Vertical	Fundamental
Peak		Blank

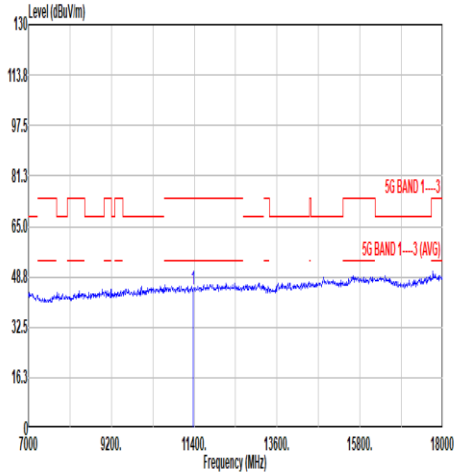
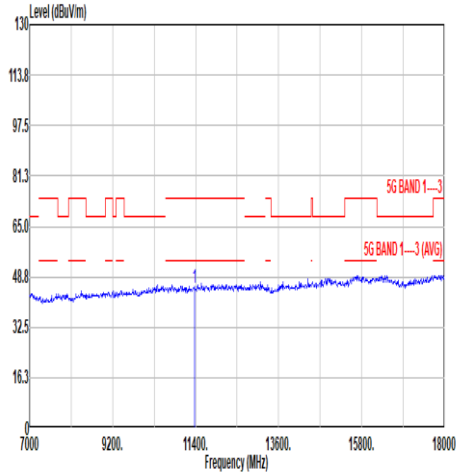
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5734.92	56.23	68.30	-12.07	48.12	34.71	11.19	37.79	0.00	382	87	PEAK

Mode	29	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122-5610MHz	
Pol.	Horizontal	Vertical
Peak Avg	 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 11220.00 41.91 74.00 -32.09 54.48 38.08 16.18 66.83 0.00 300 0 PEAK	 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 11220.00 41.30 74.00 -32.70 53.87 38.08 16.18 66.83 0.00 100 0 PEAK

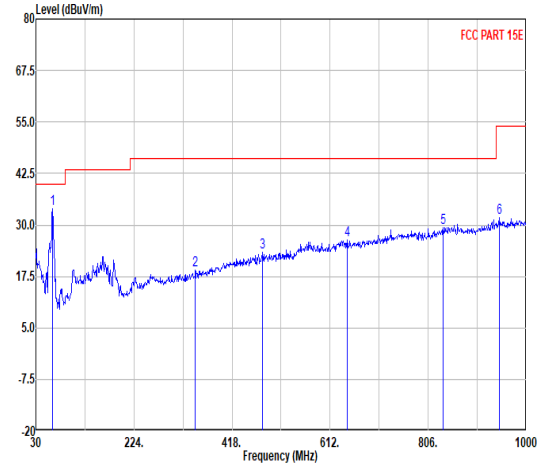
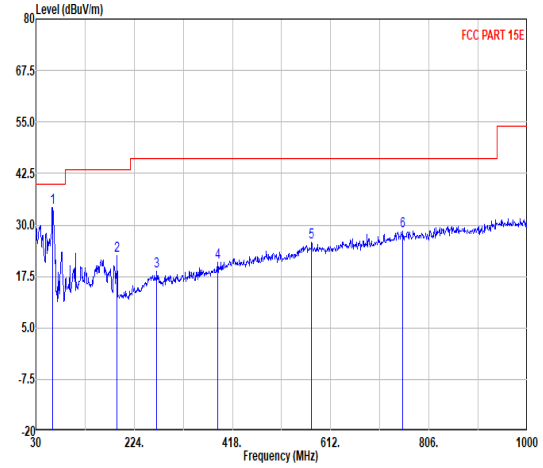
Mode	31	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11a_CH144_Full_5720MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Limit Over Read Ant Cable Preamp Aux APos TPos Freq Level Line Limit Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11440.00 46.54 74.00 -27.46 54.95 38.26 14.87 61.54 0.00 --- --- PEAK	 Limit Over Read Ant Cable Preamp Aux APos TPos Freq Level Line Limit Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11440.00 46.30 74.00 -27.70 54.71 38.26 14.87 61.54 0.00 --- --- PEAK

Mode	32	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT20_CH144_Full_5720MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Limit Over Read Ant Cable Preamp Aux APos TPos Freq Level Line Limit Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11440.00 46.63 74.00 -27.37 55.04 38.26 14.87 61.54 0.00 --- --- PEAK	 Limit Over Read Ant Cable Preamp Aux APos TPos Freq Level Line Limit Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11440.00 46.96 74.00 -27.04 55.37 38.26 14.87 61.54 0.00 --- --- PEAK

Mode	33	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT40_CH142_Full_5710MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Over Limit 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 11420.00 45.92 74.00 -28.08 54.35 38.25 14.86 61.54 0.00 --- --- PEAK	 Freq Level Limit Line Over Limit 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 11420.00 47.06 74.00 -26.94 55.49 38.25 14.86 61.54 0.00 --- --- PEAK

Mode	34	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT80_CH138_Full_5690MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Limit Over Read Ant Cable Preamp Aux APos TPos Freq Level Line Limit Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11380.00 44.55 74.00 -29.45 53.05 38.23 14.83 61.56 0.00 --- --- PEAK	 Limit Over Read Ant Cable Preamp Aux APos TPos Freq Level Line Limit Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11380.00 45.15 74.00 -28.85 53.65 38.23 14.83 61.56 0.00 --- --- PEAK

Mode	30
	LF
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58-5290MHz

Pol.	Horizontal	Vertical
QP/ Peak		

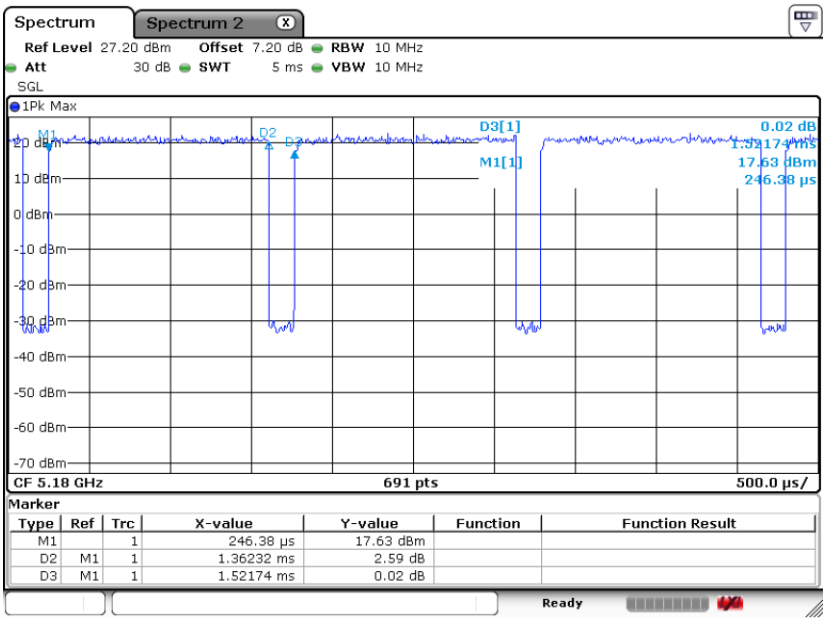
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	62.98	33.89	40.00	-6.11	53.85	12.08	0.87	32.91	0.00	---	---	Peak
2	345.25	18.96	46.00	-27.04	29.05	20.33	2.50	32.92	0.00	---	---	Peak
3	478.14	23.46	46.00	-22.54	29.85	23.64	2.95	32.98	0.00	---	---	Peak
4	645.95	26.34	46.00	-19.66	29.31	26.54	3.44	32.95	0.00	---	---	Peak
5	836.07	29.36	46.00	-16.64	28.74	29.20	3.90	32.48	0.00	---	---	Peak
6	946.65	31.89	54.00	-22.11	28.59	30.83	4.14	31.67	0.00	---	---	Peak

	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	62.98	34.09	40.00	-5.91	54.05	12.08	0.87	32.91	0.00	---	---	Peak
2	190.05	22.47	43.50	-21.03	38.50	14.95	1.86	32.84	0.00	---	---	Peak
3	268.62	18.64	46.00	-27.36	29.83	19.38	2.21	32.78	0.00	---	---	Peak
4	388.90	20.90	46.00	-25.10	29.67	21.42	2.66	32.85	0.00	---	---	Peak
5	574.17	25.91	46.00	-20.09	29.50	26.28	3.23	33.10	0.00	---	---	Peak
6	754.59	28.60	46.00	-17.40	29.40	28.28	3.71	32.79	0.00	---	---	Peak

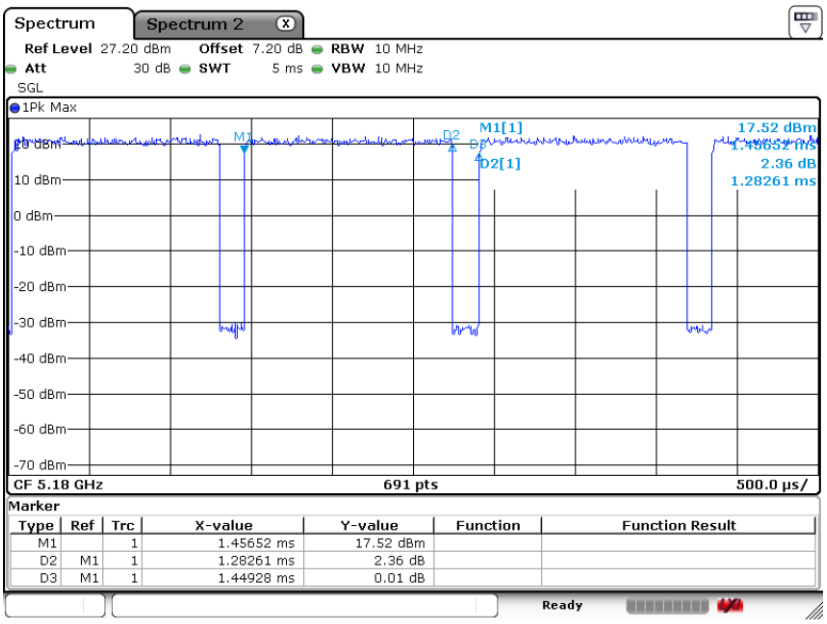
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	89.52	1.362	0.734	0.75KHz
802.11ac VHT20	88.50	1.283	0.780	0.82KHz
802.11ac VHT40	80.62	0.639	1.565	1.6KHz
802.11ac VHT80	68.00	0.320	3.122	3.3KHz

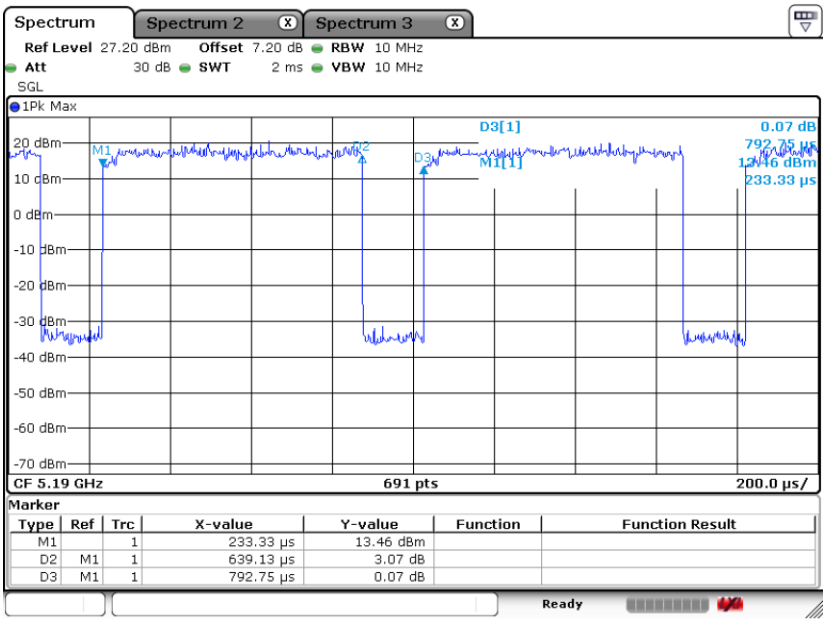
802.11a



802.11ac VHT20



802.11ac VHT40



802.11ac VHT80