FCC RF Test Report

APPLICANT	:	Jungle King LLC
EQUIPMENT	:	Digital Media Receiver
MODEL NAME	:	BV84J9
FCC ID	:	2A8FA-6743
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Aug. 09, 2023 ~ Aug. 29, 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
FR330311-01D	Rev. 01	Initial issue of report	Aug. 30, 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	-
3.1	15.403(i)	6dB Bandwidth for straddle channels	> 500kHz	Pass	
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 3.09 dB at 5350.18 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 20.07 dB at 0.393 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

1 General Description

1.1 Applicant

Jungle King LLC
919 E. Main Street, Suite 1000, Richmond, Virginia 23219

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	BV84J9
FCC ID	2A8FA-6743
SN	Conducted: 2304260180000GSD Conduction: CN42ML033254007S Radiation: GN42ML033254007D

1.3 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 : 18.28 dBm / 0.0673 W 802.11n HT20 : 16.41 dBm / 0.0438 W 802.11n HT40 : 16.42 dBm / 0.0439 W 802.11ac VHT20 : 16.57 dBm / 0.0454 W 802.11ac VHT40 : 16.49 dBm / 0.0446 W 802.11ac VHT80 : 12.50 dBm / 0.0178 W **<5260 MHz ~ 5320 MHz>** 802.11a : 18.48 dBm / 0.0705 W 802.11n HT20 : 16.35 dBm / 0.0432 W 802.11n HT40 : 16.48 dBm / 0.0445 W 802.11ac VHT20 : 16.56 dBm / 0.0453 W 802.11ac VHT40 : 16.60 dBm / 0.0457 W 802.11ac VHT80 : 13.58 dBm / 0.0228 W **<5500 MHz ~ 5720 MHz >** 802.11a : 18.30 dBm / 0.0676 W 802.11n HT20 : 16.22 dBm / 0.0419 W 802.11n HT40 : 16.39 dBm / 0.0436 W 802.11ac VHT20 : 16.37 dBm / 0.0434 W 802.11ac VHT40 : 16.49 dBm / 0.0446 W 802.11ac VHT80 : 16.34 dBm / 0.0431 W
99% Occupied Bandwidth	802.11a : 17.18 MHz 802.11ac VHT20 : 17.78 MHz 802.11ac VHT40 : 36.36 MHz 802.11ac VHT80 : 75.40 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** PIFA Antenna with gain 5.0 dBi

	<5260 MHz ~ 5320 MHz> PIFA Antenna with gain 5.0 dBi **<5500 MHz ~ 5720 MHz>** PIFA Antenna with gain 5.0 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 their maximum conducted power.

1.4 Modification of EUT

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

1.5 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		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-KS 03CH06-KS TH01-KS DFS01-KS	CN1257	314309

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	TH01-KS	SPORTON	FCC 15C-15E Test Tools Ver10.0_210607	10.0
2.	03CH06-KS	AUDIX	E3	210616
3.	CO01-KS	R&S	EMC32	10.60.20
4.	DFS01-KS	Sporton	Test Tools	1.0

1.7 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 : WIFI(5G) Link + Adapter 1 US
Remark: For Radiated Test Cases, The tests were performed with Adapter 1 US.	

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 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- 5720 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

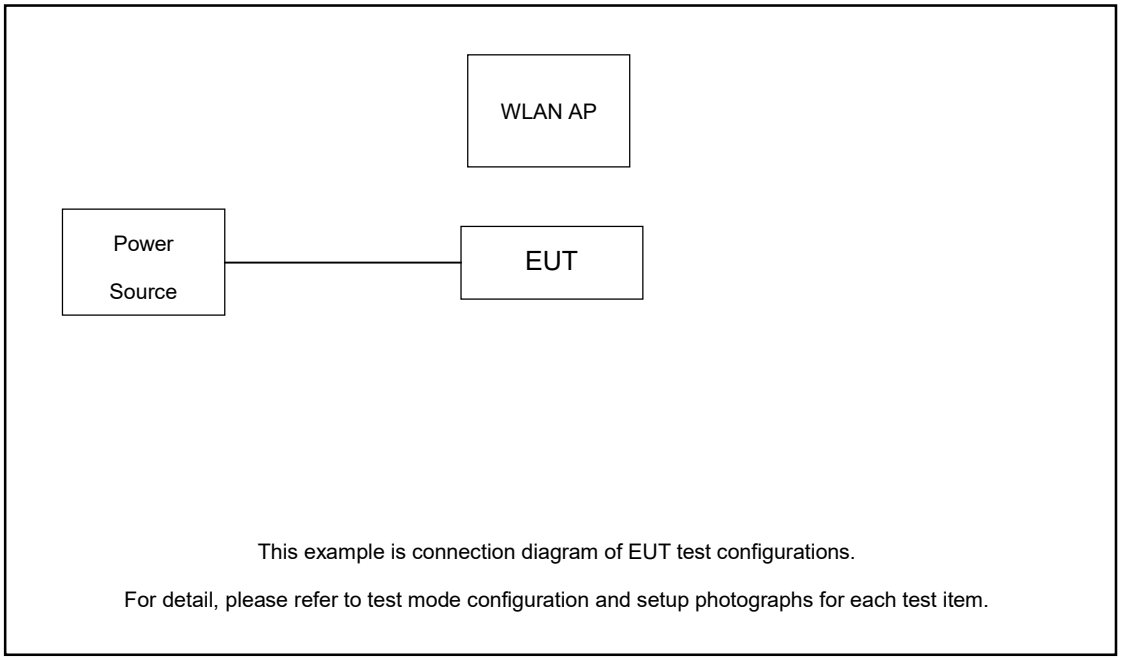
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 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

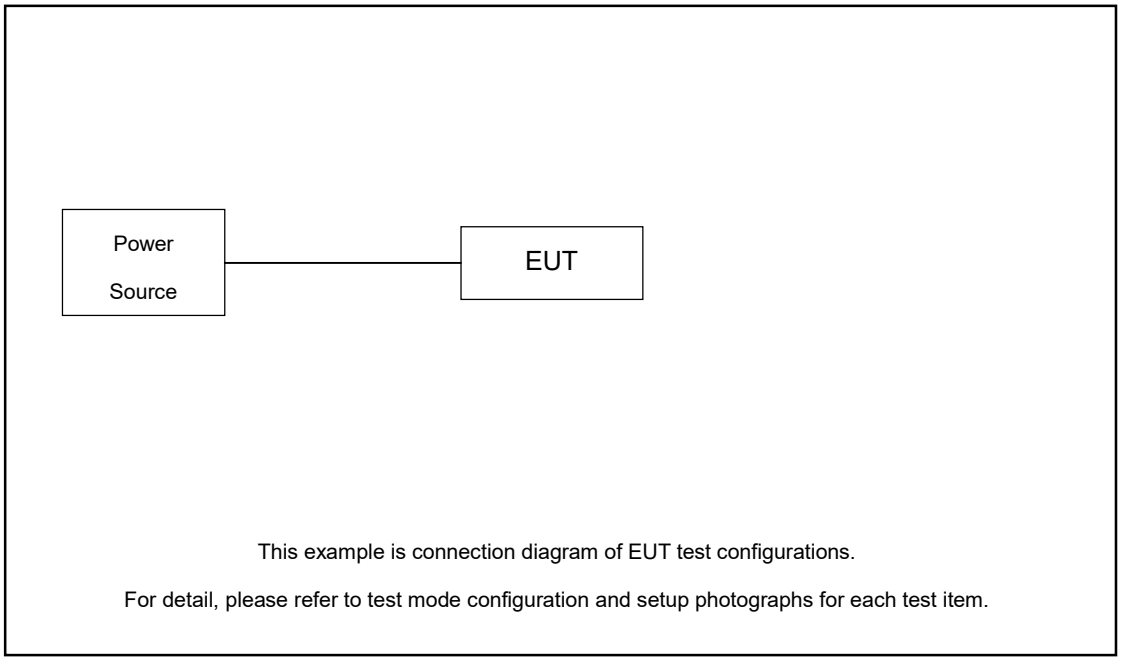
For Conducted Emission:



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	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	DIR-655	KA21R655B1	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous 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 7.0 dB.

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

= 7.0 (dB)

3 Test Result

3.1 6dB & 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

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

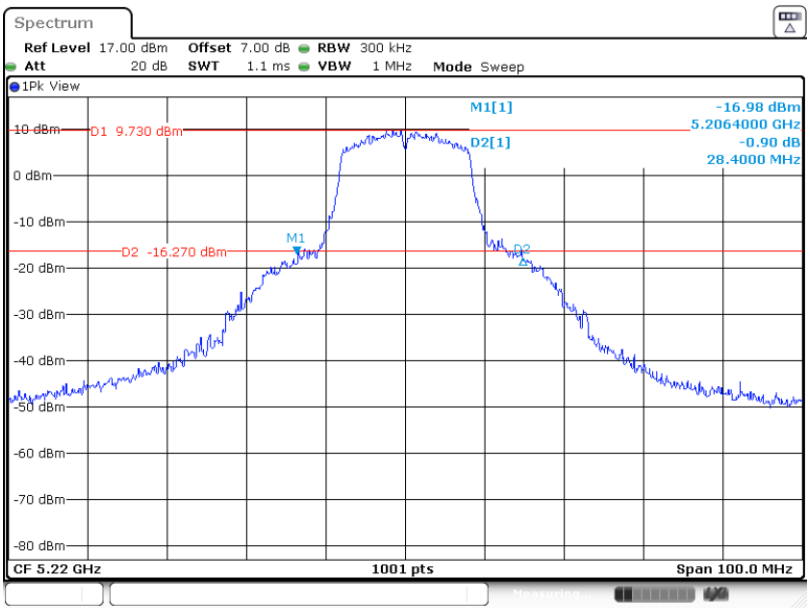
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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

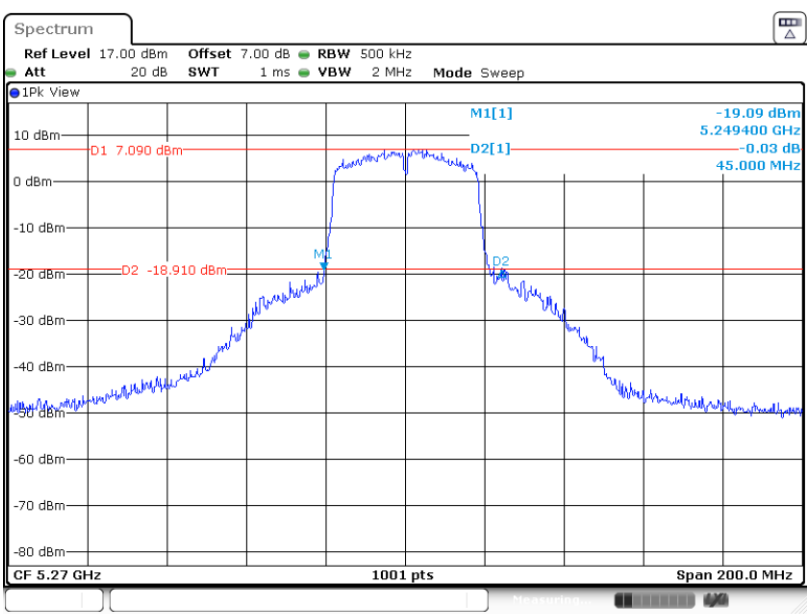
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

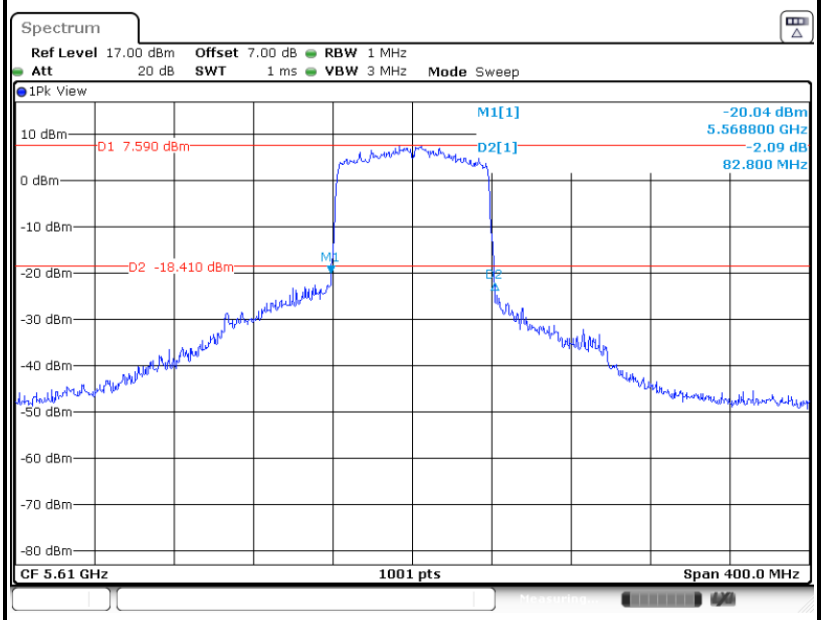
Maximum 26dB Bandwidth for 20M BW



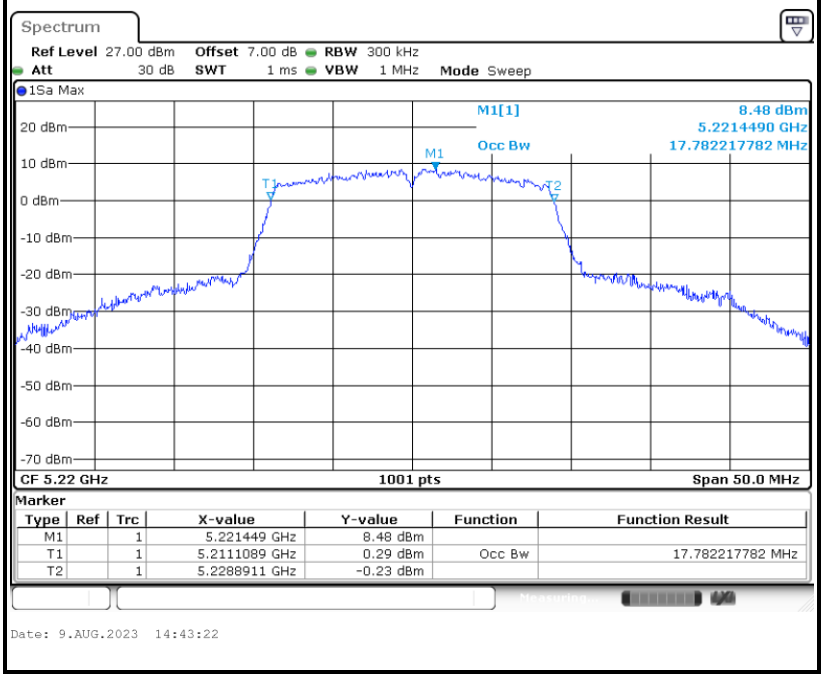
Maximum 26dB Bandwidth for 40M BW



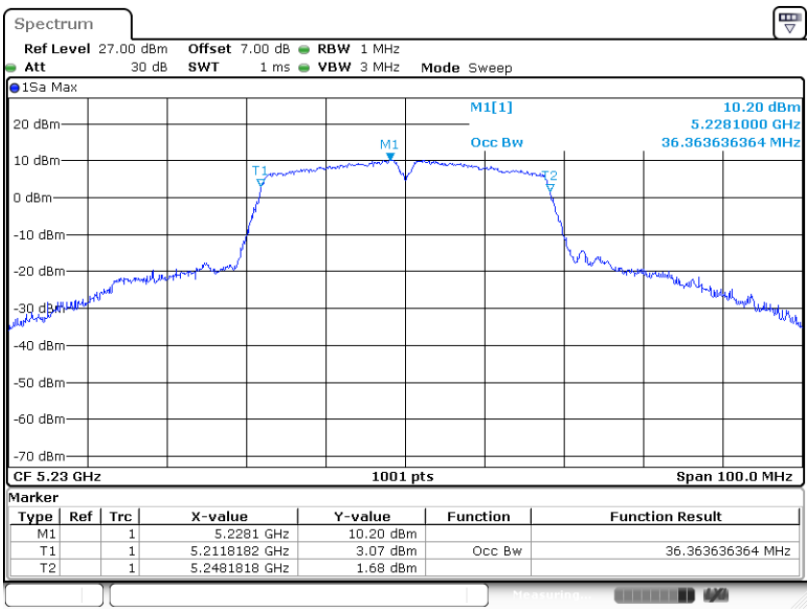
Maximum 26dB Bandwidth for 80M BW



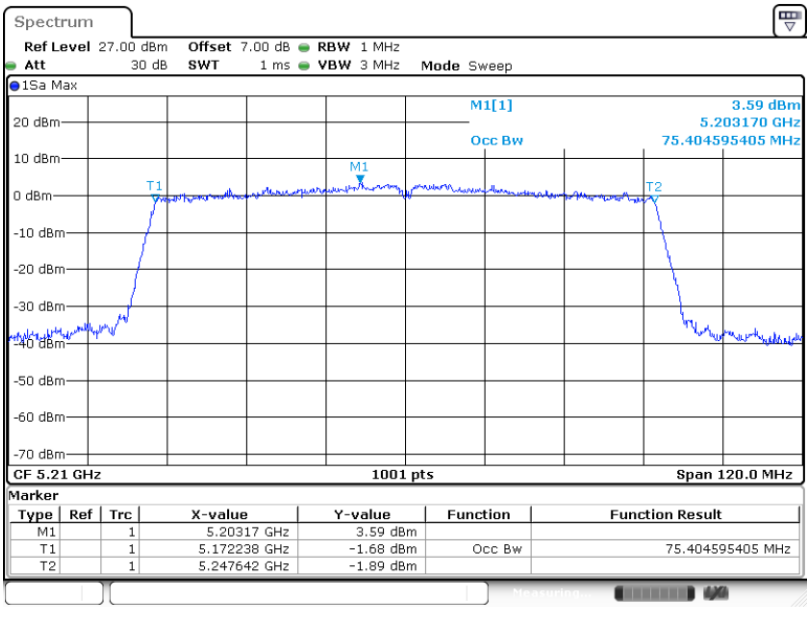
Maximum 99% Occupied Bandwidth for 20M BW



Maximum 99% Occupied Bandwidth for 40M BW



Maximum 99% Occupied Bandwidth for 80M BW

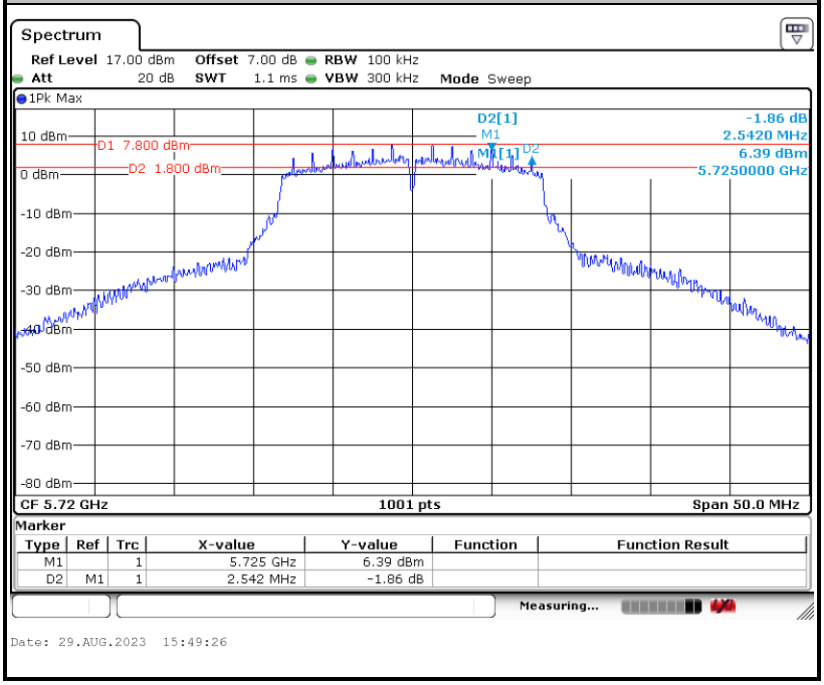


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

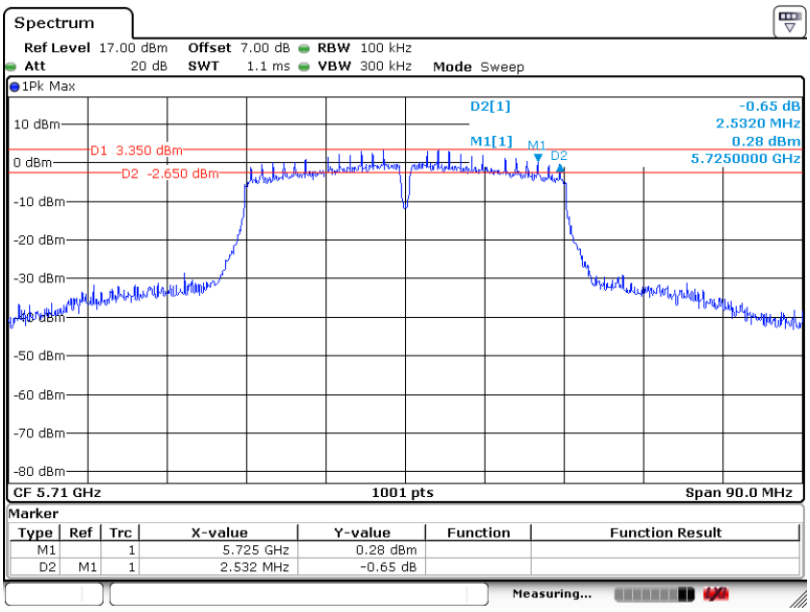
3.1.6 Test Result of 6dB Bandwidth for Straddle Channels

Mod.	Data Rate	NTX	Channel	Freq. (MHz)	6 dB Bandwidth (MHz)	FCC 6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
11a	6Mbps	1	144	5720	2.54	0.5	Pass
VHT20	MCS0	1	144	5720	2.54	0.5	Pass
VHT40	MCS0	1	142	5710	2.53	0.5	Pass
VHT80	MCS0	1	138	5690	2.56	0.5	Pass

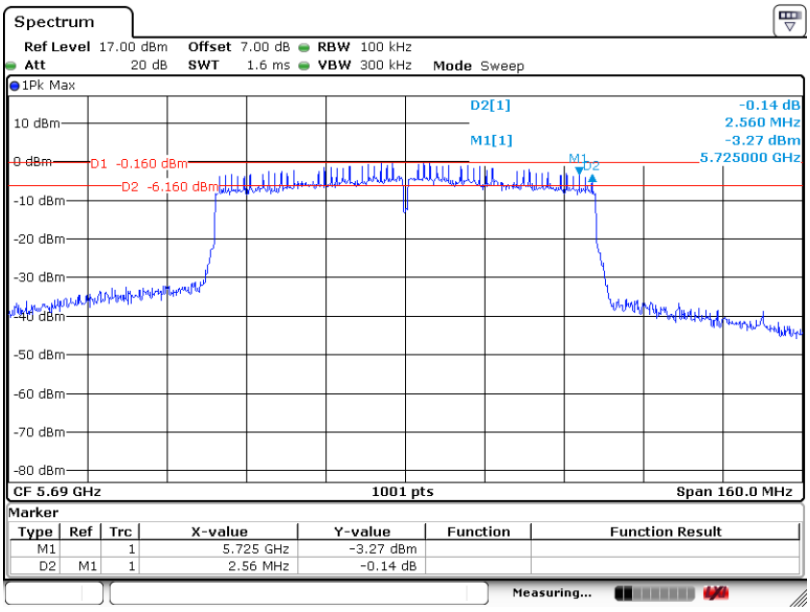
Minimum 6dB Bandwidth for CH144



Minimum 6dB Bandwidth for CH142



Minimum 6dB Bandwidth for CH138



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

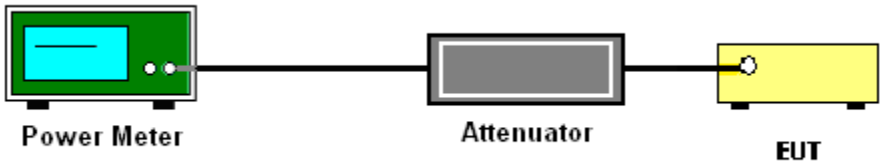
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

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.

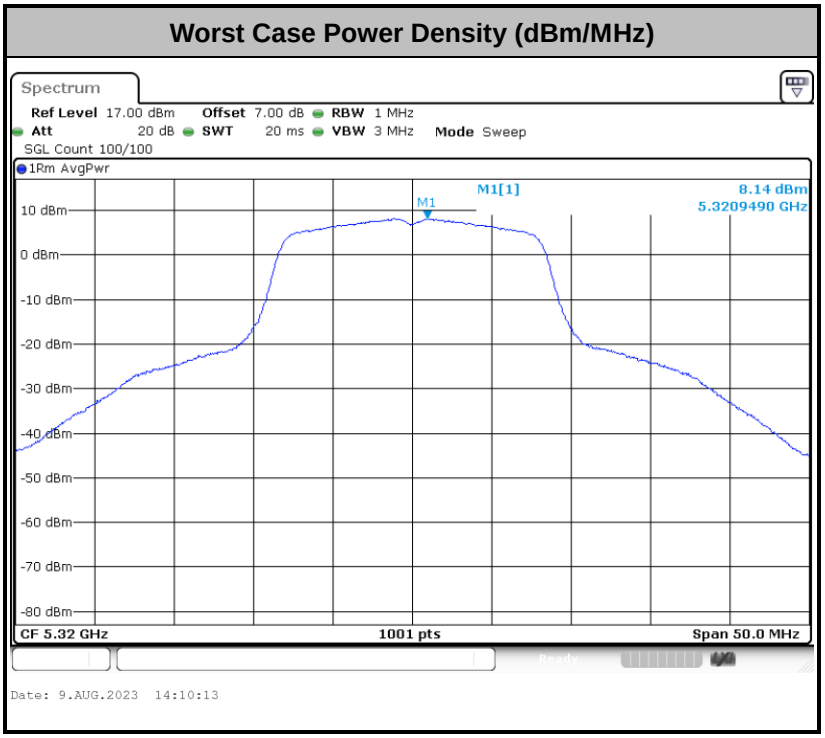
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

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) ANSI C63.10-2013 clause 12.7.3 note 97

As specified by regulatory requirements, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit. However, an out-of-band emission that complies with both the average and peak general regulatory limits is not required to satisfy the peak emission limit.

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.

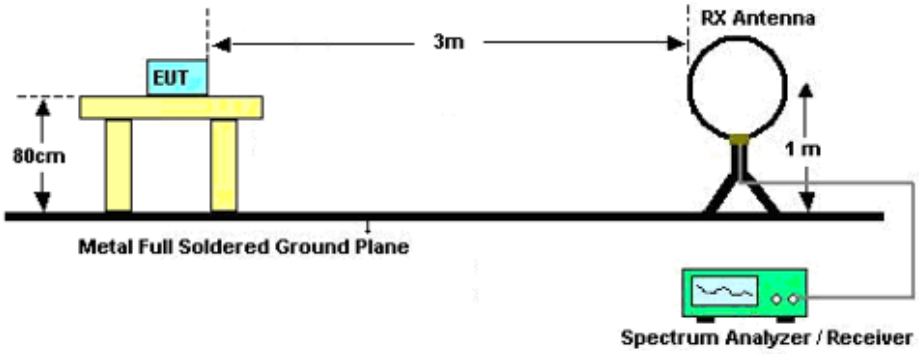
   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (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

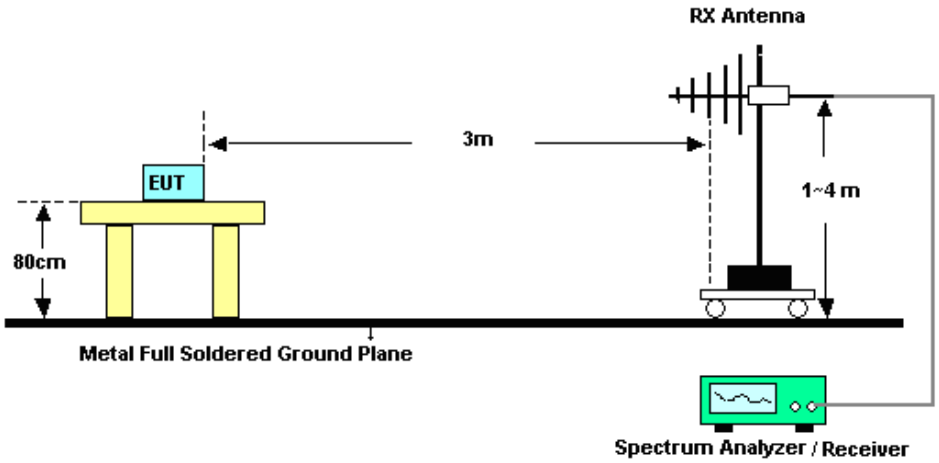
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting 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

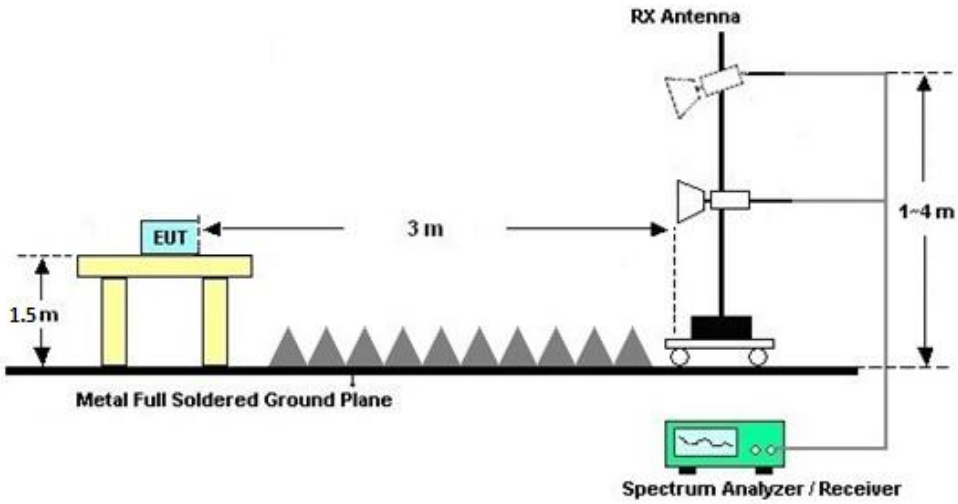
For radiated emissions below 30MHz



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.

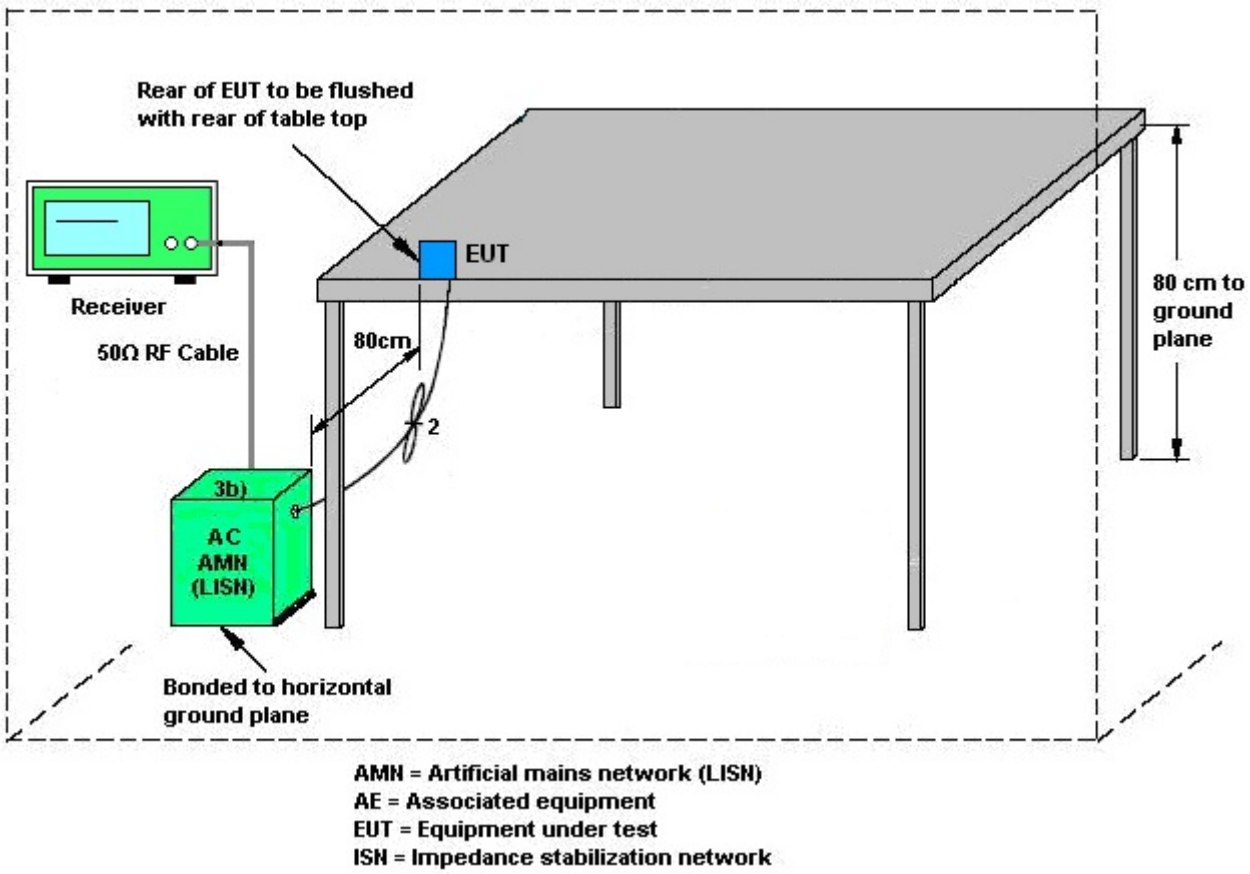
3.5.2 Measuring Instruments

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



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

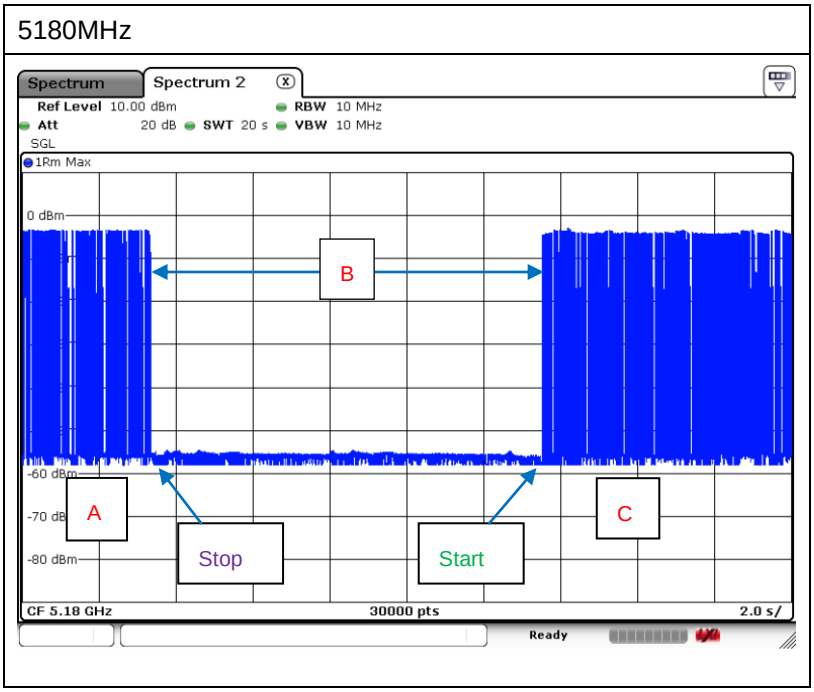
A. Information start: make EUT supply information to the access point.

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

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.



Note : The control / signaling information during the period B is precluded.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

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	Aug. 09, 2023~ Aug. 29, 2023	Oct. 11, 2023	Conducted (TH01-KS)
Pulse Power Senor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 05, 2023	Aug. 09, 2023~ Aug. 29, 2023	Jan. 04, 2024	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 05, 2023	Aug. 09, 2023~ Aug. 29, 2023	Jan. 04, 2024	Conducted (TH01-KS)
Attenuator	TOJOIN	SMA(JK)	EMC01	2W/DC-18G	Jan. 10, 2023	Aug. 09, 2023~ Aug. 29, 2023	Jan. 09, 2024	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 13, 2022	Aug. 18, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY60242126	10Hz-44GHz	Oct. 13, 2022	Aug. 18, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 16, 2022	Aug. 18, 2023	Oct. 15, 2023	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	49921	30MHz-1GHz	Apr. 09, 2023	Aug. 18, 2023	Apr. 08, 2024	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 06, 2023	Aug. 18, 2023	Apr. 05, 2024	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101093	18GHz~40GHz	Jan. 08, 2023	Aug. 18, 2023	Jan. 07, 2024	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	380827	9KHz ~1GHZ	Jul. 06, 2023	Aug. 18, 2023	Jul. 05, 2024	Radiation (03CH06-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2023	Aug. 18, 2023	Jan. 04, 2024	Radiation (03CH06-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2082395	1Ghz-18Ghz	Jan. 05, 2023	Aug. 18, 2023	Jan. 04, 2024	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY53270319	500MHz~26.5GHz	Oct. 12, 2022	Aug. 18, 2023	Oct. 11, 2023	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Aug. 18, 2023	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Aug. 18, 2023	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Aug. 18, 2023	NCR	Radiation (03CH06-KS)
Attenuator	TOJOIN	SMA(JK)	EMC01	2W/DC-18G	Jan. 10, 2023	Aug. 18, 2023	Jan. 09, 2024	Radiation (03CH06-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 16, 2023	Aug. 21, 2023	May 15, 2024	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 13, 2022	Aug. 21, 2023	Oct. 12, 2023	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 16, 2023	Aug. 21, 2023	May 15, 2024	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 12, 2022	Aug. 21, 2023	Oct. 11, 2023	Conduction (CO01-KS)
Signal Analyzer	R&S	FSV7	101472	10Hz~7GHz	Jan. 05, 2023	Aug. 21, 2023	Jan. 04, 2024	Conducted (DFS01-KS)

NCR: No Calibration Required

5 Measurement Uncertainty

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	±2.26 dB
Occupied Channel Bandwidth	±0.1 %
Conducted Power Spectral Density	±0.88 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.94 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.26 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.02 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.26 dB

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

Appendix A. Conducted Test Results

Test Engineer:	Kib Shi	Temperature:	21~25	°C
Test Date:	2023/8/9~2023/8/29	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1										
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)		
11a	6Mbps	1	36	5180	17.18	27.60	-	22.35		
11a	6Mbps	1	44	5220	17.03	28.40	-	22.31		
11a	6Mbps	1	48	5240	17.03	25.70	-	22.31		
VHT20	MCS0	1	36	5180	17.68	20.60	-	22.48		
VHT20	MCS0	1	44	5220	17.78	21.10	-	22.50		
VHT20	MCS0	1	48	5240	17.78	20.80	-	22.50		
VHT40	MCS0	1	38	5190	36.16	41.00	-	23.01		
VHT40	MCS0	1	46	5230	36.36	41.40	-	23.01		
VHT80	MCS0	1	42	5210	75.40	82.00	-	23.01		

TEST RESULTS DATA
Average Power Table

U-NII-1											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail	Power Setting
11a	6Mbps	1	36	5180	0.16	16.98	24.00	5.00		Pass	16.5
11a	6Mbps	1	44	5220	0.16	18.28	24.00	5.00		Pass	18
11a	6Mbps	1	48	5240	0.16	18.20	24.00	5.00		Pass	18
HT20	MCS0	1	36	5180	0.19	16.41	24.00	5.00		Pass	16
HT20	MCS0	1	44	5220	0.19	16.34	24.00	5.00		Pass	16
HT20	MCS0	1	48	5240	0.19	16.40	24.00	5.00		Pass	16
HT40	MCS0	1	38	5190	0.34	15.56	24.00	5.00		Pass	15
HT40	MCS0	1	46	5230	0.34	16.42	24.00	5.00		Pass	16
VHT20	MCS0	1	36	5180	0.16	16.57	24.00	5.00		Pass	16
VHT20	MCS0	1	44	5220	0.16	16.36	24.00	5.00		Pass	16
VHT20	MCS0	1	48	5240	0.16	16.49	24.00	5.00		Pass	16
VHT40	MCS0	1	38	5190	0.35	15.63	24.00	5.00		Pass	15
VHT40	MCS0	1	46	5230	0.35	16.49	24.00	5.00		Pass	16
VHT80	MCS0	1	42	5210	0.65	12.50	24.00	5.00		Pass	12

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	0.16	6.58	11.00	5.00		Pass
11a	6Mbps	1	44	5220	0.16	8.12	11.00	5.00		Pass
11a	6Mbps	1	48	5240	0.16	8.20	11.00	5.00		Pass
VHT20	MCS0	1	36	5180	0.16	6.62	11.00	5.00		Pass
VHT20	MCS0	1	44	5220	0.16	6.35	11.00	5.00		Pass
VHT20	MCS0	1	48	5240	0.16	6.61	11.00	5.00		Pass
VHT40	MCS0	1	38	5190	0.35	2.55	11.00	5.00		Pass
VHT40	MCS0	1	46	5230	0.35	3.94	11.00	5.00		Pass
VHT80	MCS0	1	42	5210	0.65	-3.40	11.00	5.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A										
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
11a	6M bps	1	52	5260	17.08	26.70	23.33	29.33	23.98	
11a	6M bps	1	60	5300	17.08	24.30	23.33	29.33	23.98	
11a	6M bps	1	64	5320	16.98	25.60	23.30	29.30	23.98	
VHT20	MCS 0	1	52	5260	17.78	21.00	23.50	29.50	23.98	
VHT20	MCS 0	1	60	5300	17.78	21.00	23.50	29.50	23.98	
VHT20	MCS 0	1	64	5320	17.68	20.70	23.48	29.48	23.98	
VHT40	MCS 0	1	54	5270	36.36	45.00	23.98	30.00	23.98	
VHT40	MCS 0	1	62	5310	36.06	40.80	23.98	30.00	23.98	
VHT80	MCS 0	1	58	5290	75.40	82.00	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	Power Setting
11a	6M bps	1	52	5260	0.16	18.37	23.98	5.00	26.99	Pass	18
11a	6M bps	1	60	5300	0.16	18.48	23.98	5.00	26.99	Pass	18
11a	6M bps	1	64	5320	0.16	18.46	23.98	5.00	26.99	Pass	18
HT20	MCS 0	1	52	5260	0.19	16.28	23.98	5.00	26.99	Pass	16
HT20	MCS 0	1	60	5300	0.19	16.20	23.98	5.00	26.99	Pass	16
HT20	MCS 0	1	64	5320	0.19	16.35	23.98	5.00	26.99	Pass	16
HT40	MCS 0	1	54	5270	0.34	16.48	23.98	5.00	26.99	Pass	16
HT40	MCS 0	1	62	5310	0.34	16.47	23.98	5.00	26.99	Pass	16
VHT20	MCS 0	1	52	5260	0.16	16.56	23.98	5.00	26.99	Pass	16
VHT20	MCS 0	1	60	5300	0.16	16.41	23.98	5.00	26.99	Pass	16
VHT20	MCS 0	1	64	5320	0.16	16.54	23.98	5.00	26.99	Pass	16
VHT40	MCS 0	1	54	5270	0.35	16.60	23.98	5.00	26.99	Pass	16
VHT40	MCS 0	1	62	5310	0.35	16.53	23.98	5.00	26.99	Pass	16
VHT80	MCS 0	1	58	5290	0.65	13.58	23.98	5.00	26.99	Pass	13

TEST RESULTS DATA
Power Spectral Density

U-NII-2A										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	52	5260	0.16	8.23	11.00	5.00		Pass
11a	6M bps	1	60	5300	0.16	8.29	11.00	5.00		Pass
11a	6M bps	1	64	5320	0.16	8.30	11.00	5.00		Pass
VHT20	MCS 0	1	52	5260	0.16	6.49	11.00	5.00		Pass
VHT20	MCS 0	1	60	5300	0.16	6.49	11.00	5.00		Pass
VHT20	MCS 0	1	64	5320	0.16	6.65	11.00	5.00		Pass
VHT40	MCS 0	1	54	5270	0.35	3.68	11.00	5.00		Pass
VHT40	MCS 0	1	62	5310	0.35	3.97	11.00	5.00		Pass
VHT80	MCS 0	1	58	5290	0.65	-2.31	11.00	5.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C										
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
11a	6M bps	1	100	5500	16.98	23.10	23.30	29.30	23.98	
11a	6M bps	1	116	5580	16.98	23.40	23.30	29.30	23.98	
11a	6M bps	1	140	5700	16.98	23.40	23.30	29.30	23.98	
11a	6Mbps	1	144	5720	16.98	23.50	23.30	29.30	23.98	
VHT20	MCS 0	1	100	5500	17.73	20.70	23.49	29.49	23.98	
VHT20	MCS 0	1	116	5580	17.73	20.90	23.49	29.49	23.98	
VHT20	MCS 0	1	140	5700	17.73	20.80	23.49	29.49	23.98	
VHT20	MCS0	1	144	5720	17.73	20.80	23.49	29.49	23.98	
VHT40	MCS 0	1	102	5510	36.06	40.60	23.98	30.00	23.98	
VHT40	MCS 0	1	110	5550	36.26	41.40	23.98	30.00	23.98	
VHT40	MCS 0	1	134	5670	36.26	41.40	23.98	30.00	23.98	
VHT40	MCS0	1	142	5710	36.36	41.40	23.98	30.00	23.98	
VHT80	MCS 0	1	106	5530	75.40	82.40	23.98	30.00	23.98	
VHT80	MCS 0	1	122	5610	75.40	82.80	23.98	30.00	23.98	
VHT80	MCS0	1	138	5690	75.28	82.80	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	Power Setting
11a	6M bps	1	100	5500	0.16	18.11	23.98	5.00	26.99	Pass	18
11a	6M bps	1	116	5580	0.16	18.30	23.98	5.00	26.99	Pass	18
11a	6M bps	1	140	5700	0.16	16.03	23.98	5.00	26.99	Pass	16
11a	6Mbps	1	144	5720	0.16	18.12	23.98	5.00	26.99	Pass	18
HT20	MCS 0	1	100	5500	0.19	16.22	23.98	5.00	26.99	Pass	16
HT20	MCS 0	1	116	5580	0.19	16.20	23.98	5.00	26.99	Pass	16
HT20	MCS 0	1	140	5700	0.19	13.24	23.98	5.00	26.99	Pass	13
HT20	MCS0	1	144	5720	0.19	16.12	23.98	5.00	26.99	Pass	16
HT40	MCS 0	1	102	5510	0.34	16.24	23.98	5.00	26.99	Pass	16
HT40	MCS 0	1	110	5550	0.34	16.16	23.98	5.00	26.99	Pass	16
HT40	MCS 0	1	134	5670	0.34	16.12	23.98	5.00	26.99	Pass	16
HT40	MCS0	1	142	5710	0.34	16.39	23.98	5.00	26.99	Pass	16
VHT20	MCS 0	1	100	5500	0.16	16.37	23.98	5.00	26.99	Pass	16
VHT20	MCS 0	1	116	5580	0.16	16.35	23.98	5.00	26.99	Pass	16
VHT20	MCS 0	1	140	5700	0.16	13.37	23.98	5.00	26.99	Pass	13
VHT20	MCS0	1	144	5720	0.16	16.33	23.98	5.00	26.99	Pass	16
VHT40	MCS 0	1	102	5510	0.35	16.29	23.98	5.00	26.99	Pass	16
VHT40	MCS 0	1	110	5550	0.35	16.23	23.98	5.00	26.99	Pass	16
VHT40	MCS 0	1	134	5670	0.35	16.23	23.98	5.00	26.99	Pass	16
VHT40	MCS0	1	142	5710	0.35	16.49	23.98	5.00	26.99	Pass	16
VHT80	MCS 0	1	106	5530	0.65	13.73	23.98	5.00	26.99	Pass	13.5
VHT80	MCS 0	1	122	5610	0.65	16.34	23.98	5.00	26.99	Pass	16
VHT80	MCS0	1	138	5690	0.65	15.78	23.98	5.00	26.99	Pass	16

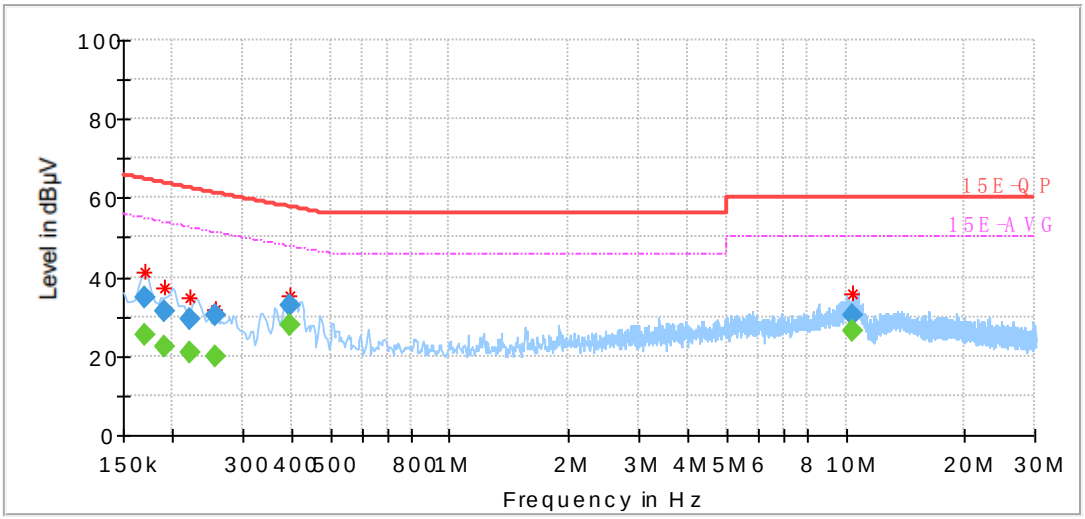
TEST RESULTS DATA
Power Spectral Density

U-NII-2C										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	100	5500	0.16	8.14	11.00	5.00		Pass
11a	6M bps	1	116	5580	0.16	7.98	11.00	5.00		Pass
11a	6M bps	1	140	5700	0.16	5.62	11.00	5.00		Pass
11a	6Mbps	1	144	5720	0.16	8.15	11.00	5.00		Pass
VHT20	MCS 0	1	100	5500	0.16	6.09	11.00	5.00		Pass
VHT20	MCS 0	1	116	5580	0.16	6.21	11.00	5.00		Pass
VHT20	MCS 0	1	140	5700	0.16	2.57	11.00	5.00		Pass
VHT20	MCS0	1	144	5720	0.16	6.00	11.00	5.00		Pass
VHT40	MCS 0	1	102	5510	0.35	3.20	11.00	5.00		Pass
VHT40	MCS 0	1	110	5550	0.35	3.25	11.00	5.00		Pass
VHT40	MCS 0	1	134	5670	0.35	3.04	11.00	5.00		Pass
VHT40	MCS0	1	142	5710	0.35	3.29	11.00	5.00		Pass
VHT80	MCS 0	1	106	5530	0.65	-2.42	11.00	5.00		Pass
VHT80	MCS 0	1	122	5610	0.65	0.26	11.00	5.00		Pass
VHT80	MCS0	1	138	5690	0.65	-0.34	11.00	5.00		Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	**Temperature :**	24.2~25.6℃
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

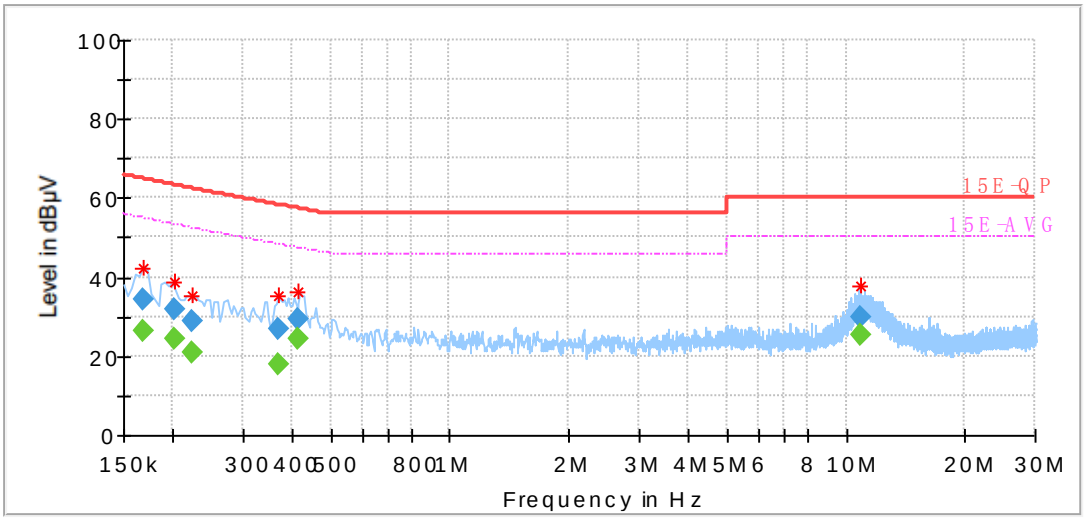
Full Spectrum



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.170906	---	25.26	54.82	29.56	L1	OFF	20.0
0.170906	34.81	---	64.84	30.02	L1	OFF	20.0
0.189506	---	22.53	53.90	31.38	L1	OFF	20.0
0.189506	31.54	---	63.93	32.39	L1	OFF	20.0
0.221606	---	21.07	52.54	31.47	L1	OFF	20.0
0.221606	29.45	---	62.58	33.12	L1	OFF	20.0
0.255956	---	20.02	51.32	31.30	L1	OFF	19.9
0.255956	30.14	---	61.36	31.22	L1	OFF	19.9
0.393244	---	27.77	47.84	20.07	L1	OFF	19.9
0.393244	32.96	---	57.87	24.90	L1	OFF	19.9
10.410169	---	26.31	50.00	23.69	L1	OFF	20.0
10.410169	30.13	---	60.00	29.87	L1	OFF	20.0

Test Engineer :	Amos Zhang	**Temperature :**	24.2~25.6℃
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.167888	---	26.45	54.98	28.53	N	OFF	20.2
0.167888	34.42	---	64.99	30.57	N	OFF	20.2
0.200756	---	24.17	53.40	29.23	N	OFF	20.2
0.200756	32.05	---	63.43	31.38	N	OFF	20.2
0.223856	---	21.03	52.45	31.43	N	OFF	20.1
0.223856	28.72	---	62.49	33.77	N	OFF	20.1
0.370144	---	18.10	48.32	30.21	N	OFF	20.0
0.370144	26.69	---	58.35	31.66	N	OFF	20.0
0.414150	---	24.25	47.44	23.19	N	OFF	19.9
0.414150	29.55	---	57.46	27.90	N	OFF	19.9
10.850630	---	25.58	50.00	24.42	N	OFF	20.1
10.850630	29.87	---	60.00	30.13	N	OFF	20.1

Appendix C. Radiated Spurious Emission

Test Engineer :	Ryan Xu	**Relative Humidity :**	41 ~ 42 %
		Temperature :	22 ~ 23 ℃

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Modulation	Channel	Frequency	Data Rate	RU	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	5280	MCS0	-	-
Mode 14	U-NII-2A	5.25-5.35	802.11ac VHT20	56	5280	MCS0	-	-
Mode 15	U-NII-2A	5.25-5.35	802.11ac VHT20	60	5300	MCS0	-	-
Mode 16	U-NII-2A	5.25-5.35	802.11ac VHT20	64	5320	MCS0	-	-
Mode 17	U-NII-2C	5.47-5.725	802.11ac VHT20	100	5500	MCS0	-	-
Mode 18	U-NII-2C	5.47-5.725	802.11ac VHT20	116	5580	MCS0	-	-
Mode 19	U-NII-2C	5.47-5.725	802.11ac VHT20	140	5700	MCS0	-	-
Mode 20	U-NII-1	5.15-5.25	802.11ac VHT40	38	5190	MCS0	-	-
Mode 21	U-NII-1	5.15-5.25	802.11ac VHT40	46	5230	MCS0	-	-
Mode 22	U-NII-2A	5.25-5.35	802.11ac VHT40	54	5270	MCS0	-	-
Mode 23	U-NII-2A	5.25-5.35	802.11ac VHT40	62	5310	MCS0	-	-
Mode 24	U-NII-2C	5.47-5.725	802.11ac VHT40	102	5510	MCS0	-	-
Mode 25	U-NII-2C	5.47-5.725	802.11ac VHT40	110	5550	MCS0	-	-

Mode	Band	Band (GHz)	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 26	U-NII-2C	5.47-5.725	802.11ac VHT40	134	5670	MCS0	-	-
Mode 27	U-NII-1	5.15-5.25	802.11ac VHT80	42	5210	MCS0	-	-
Mode 28	U-NII-2A	5.25-5.35	802.11ac VHT80	58	5290	MCS0	-	-
Mode 29	U-NII-2C	5.47-5.725	802.11ac VHT80	106	5530	MCS0	-	-
Mode 30	U-NII-2C	5.47-5.725	802.11ac VHT80	122	5610	MCS0	-	-
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	-	-
Mode 45	U-NII-2A	5.25-5.35	802.11ac VHT80	58	5290	MCS0		LF

Colocation Mode

Band	Band (GHz)	Modulation	Channel	Frequency	Data Rate	RU	Remark
U-NII-2A	5.25-5.35	802.11ac VHT80	58	5290	MCS0	-	-
2400-2483.5	-	Bluetooth-LE_GSFK	39	2480	2Mbps	-	

Summary of each worse mode

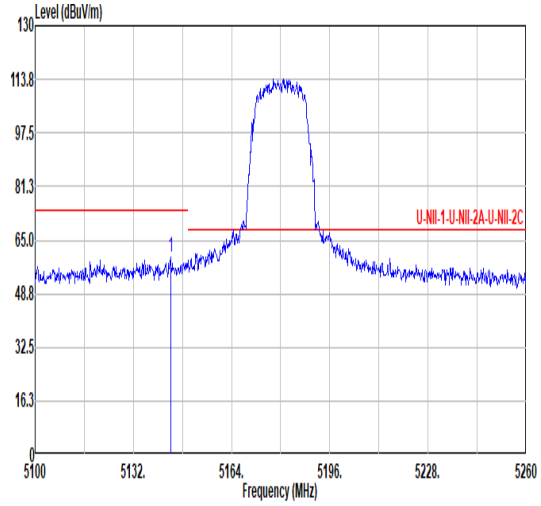
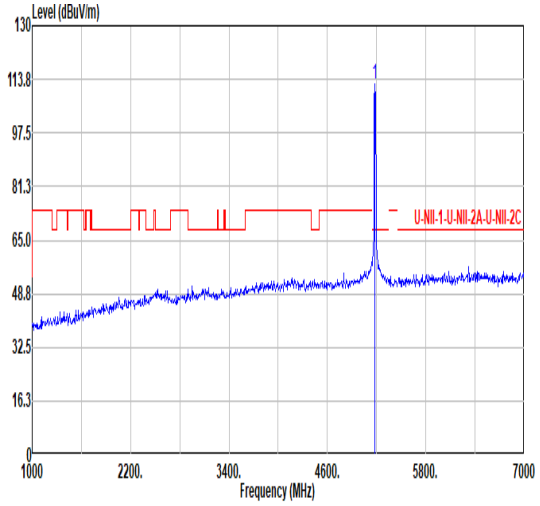
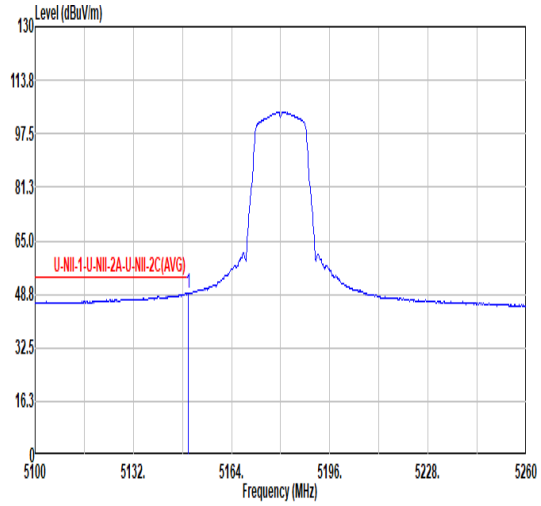
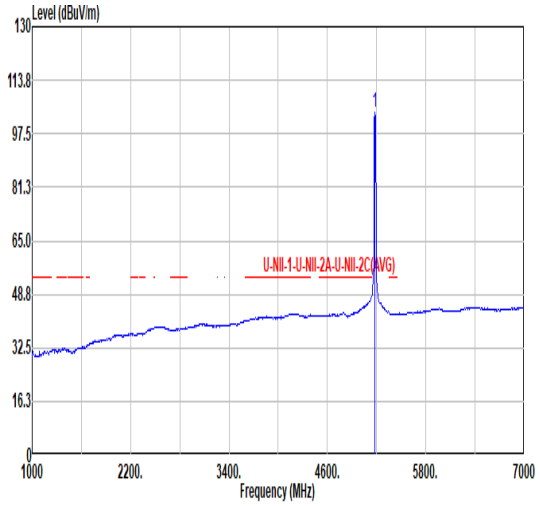
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.92	49.03	54.00	-4.97	H	AVERAGE	Pass	Band Edge
	802.11a	36	10360.00	45.89	68.20	-22.31	V	PEAK	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
	802.11a	44	10440.00	47.30	68.20	-20.90	H	PEAK	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
	802.11a	48	10480.00	47.50	68.20	-20.70	V	PEAK	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
	802.11a	52	10520.00	46.36	68.20	-21.84	V	PEAK	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
	802.11a	60	10600.01	46.60	74.00	-27.40	V	PEAK	Pass	Harmonic
6	802.11a	64	5350.10	50.33	54.00	-3.67	H	AVERAGE	Pass	Band Edge
	802.11a	64	10640.00	44.05	74.00	-29.95	V	PEAK	Pass	Harmonic
7	802.11a	100	5467.60	62.28	68.20	-5.92	H	PEAK	Pass	Band Edge
	802.11a	100	11000.00	44.38	74.00	-29.62	V	PEAK	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
	802.11a	116	11160.00	36.99	54.00	-17.01	V	AVERAGE	Pass	Harmonic
9	802.11a	140	5725.74	65.06	68.20	-3.14	H	PEAK	Pass	Band Edge
	802.11a	140	11400.00	46.40	74.00	-27.60	H	PEAK	Pass	Harmonic
10	802.11ac VHT20	36	5149.60	49.04	54.00	-4.96	H	AVERAGE	Pass	Band Edge
	802.11ac VHT20	36	10360.00	47.44	68.20	-20.76	V	PEAK	Pass	Harmonic
11	802.11ac VHT20	44	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	44	10440.00	47.55	68.20	-20.65	H	PEAK	Pass	Harmonic
12	802.11ac VHT20	48	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	48	10480.00	47.36	68.20	-20.84	H	PEAK	Pass	Harmonic
13	802.11ac VHT20	52	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	52	10560.00	45.67	68.20	-22.53	V	PEAK	Pass	Harmonic
14	802.11ac VHT20	56	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	56	10560.00	46.40	68.20	-21.80	H	PEAK	Pass	Harmonic
15	802.11ac VHT20	60	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	60	10600.01	45.78	74.00	-28.22	V	PEAK	Pass	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
16	802.11ac VHT20	64	5350.94	49.26	54.00	-4.74	H	AVERAGE	Pass	Band Edge
	802.11ac VHT20	64	10640.00	45.24	74.00	-28.76	V	PEAK	Pass	Harmonic
17	802.11ac VHT20	100	5459.95	47.49	54.00	-6.51	H	AVERAGE	Pass	Band Edge
	802.11ac VHT20	100	11000.00	46.61	74.00	-27.39	V	PEAK	Pass	Harmonic
18	802.11ac VHT20	116	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	116	11160.00	46.17	74.00	-27.83	H	PEAK	Pass	Harmonic
19	802.11ac VHT20	140	5727.69	64.56	68.20	-3.64	H	PEAK	Pass	Band Edge
	802.11ac VHT20	140	11400.00	45.81	74.00	-28.19	H	PEAK	Pass	Harmonic
20	802.11ac VHT40	38	5149.90	50.77	54.00	-3.23	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	38	10380.00	44.77	68.20	-23.43	V	PEAK	Pass	Harmonic
21	802.11ac VHT40	46	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT40	46	10460.00	45.22	68.20	-22.98	V	PEAK	Pass	Harmonic
22	802.11ac VHT40	54	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT40	54	10540.00	46.66	68.20	-21.54	V	PEAK	Pass	Harmonic
23	802.11ac VHT40	62	5350.05	48.36	54.00	-5.64	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	62	10620.00	46.38	74.00	-27.62	H	PEAK	Pass	Harmonic
24	802.11ac VHT40	102	5459.92	49.83	54.00	-4.17	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	102	11020.00	45.22	74.00	-28.78	H	PEAK	Pass	Harmonic
25	802.11ac VHT40	110	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT40	110	11100.00	45.65	74.00	-28.35	V	PEAK	Pass	Harmonic
26	802.11ac VHT40	134	5730.04	62.04	68.20	-6.16	H	PEAK	Pass	Band Edge
	802.11ac VHT40	134	11340.00	45.38	74.00	-28.62	H	PEAK	Pass	Harmonic
27	802.11ac VHT80	42	5148.89	50.39	54.00	-3.61	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	42	10420.00	45.58	68.20	-22.62	H	PEAK	Pass	Harmonic
28	802.11ac VHT80	58	5350.18	50.91	54.00	-3.09	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	58	10580.00	45.55	68.20	-22.65	H	PEAK	Pass	Harmonic
29	802.11ac VHT80	106	5458.36	50.77	54.00	-3.23	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	106	11060.00	43.67	74.00	-30.33	V	PEAK	Pass	Harmonic
30	802.11ac VHT80	122	5459.26	46.38	54.00	-7.62	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	122	11220.00	45.17	74.00	-28.83	H	PEAK	Pass	Harmonic
31	802.11a	144	-	-	-	-	-	-	-	Band Edge
	802.11a	144	11440.00	45.94	74.00	-28.06	H	PEAK	Pass	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
32	802.11ac VHT20	144	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	144	11440.00	46.11	74.00	-27.89	H	PEAK	Pass	Harmonic
33	802.11ac VHT40	142	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT40	142	11420.00	44.34	74.00	-29.66	V	PEAK	Pass	Harmonic
34	802.11ac VHT80	138	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT80	138	11380.00	45.90	74.00	-28.10	V	PEAK	Pass	Harmonic
45	802.11ac VHT80	58	363.68	38.45	46.00	-7.55	H	PEAK	Pass	LF

Colocation Mode

Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
802.11ac VHT80	58	5350.01	50.26	54.00	-3.74	H	AVERAGE	Pass	Band Edge
802.11ac VHT80	58	10580.00	44.77	68.20	-23.43	H	PEAK	Pass	Harmonic
Bluetooth-LE_GSFK	39	2483.50	46.02	54.00	-7.98	H	AVERAGE	Pass	Band Edge
Bluetooth-LE_GSFK	39	7440.00	44.75	74.00	-29.25	V	PEAK	Pass	Harmonic

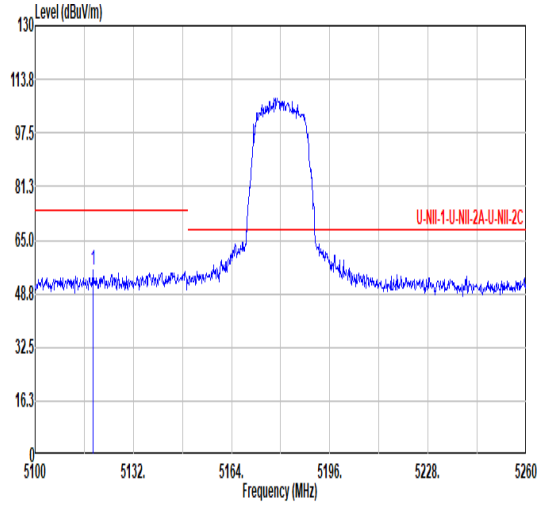
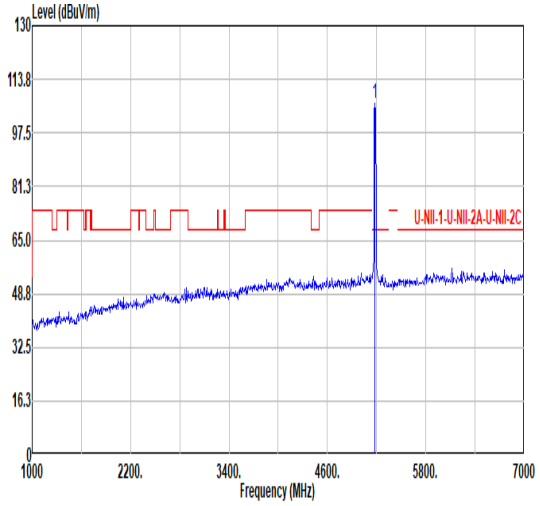
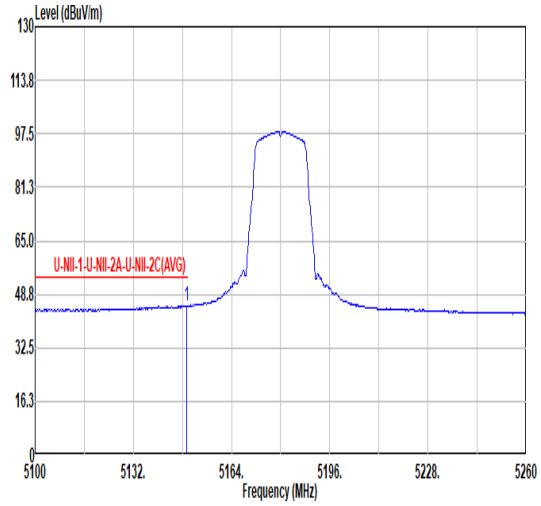
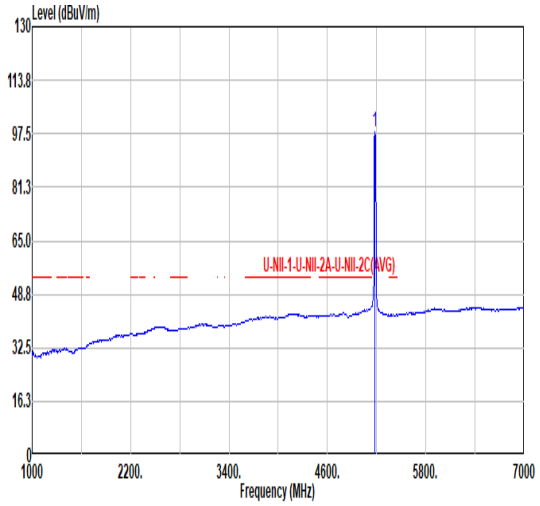
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5144.16	60.08	74.00	-13.92	47.90	34.20	9.78	31.80	0.00	100	193	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	112.13	------	------	99.84	34.30	9.81	31.82	0.00	100	193	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	5149.92	49.03	54.00	-4.97	36.84	34.20	9.79	31.80	0.00	100	193	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	104.17	------	------	91.85	34.33	9.81	31.82	0.00	100	193	AVERAGE

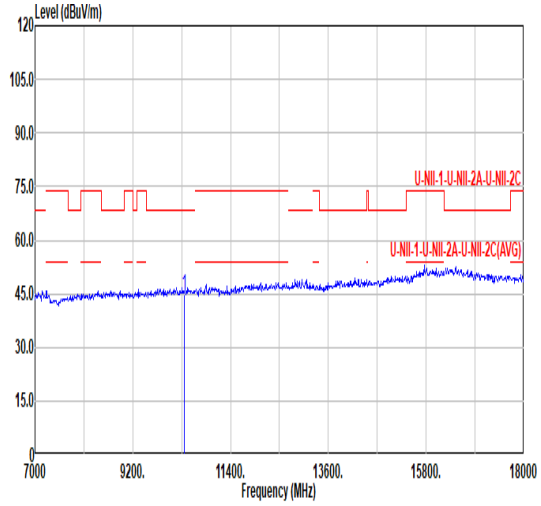
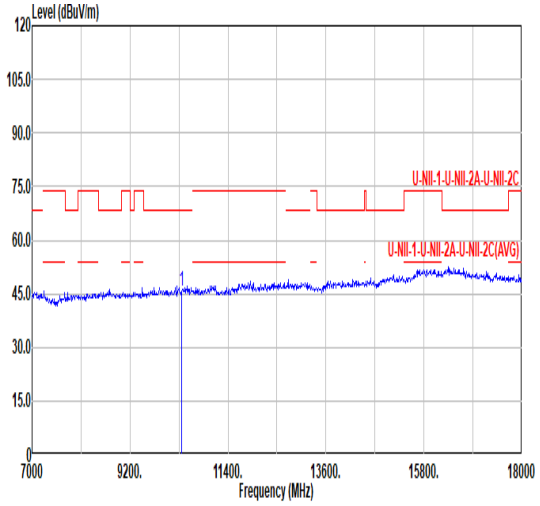
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

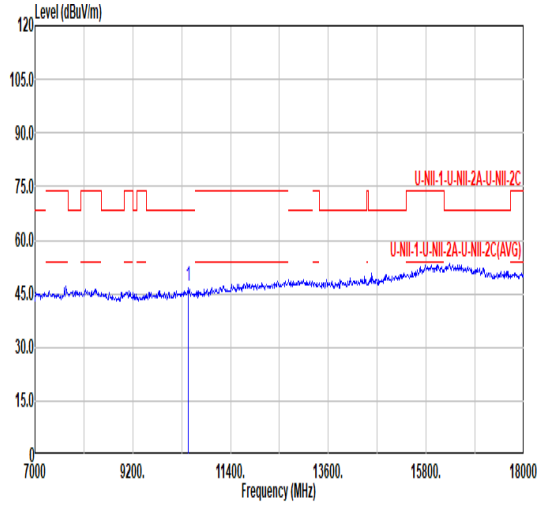
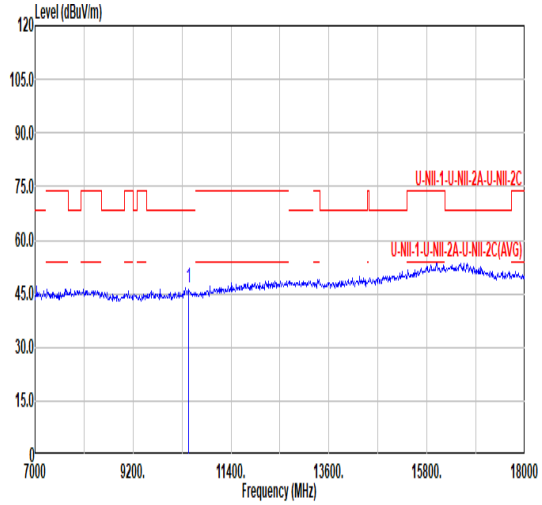
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5118.88	55.70	74.00	-18.30	43.52	34.20	9.76	31.78	0.00	100	261	PEAK

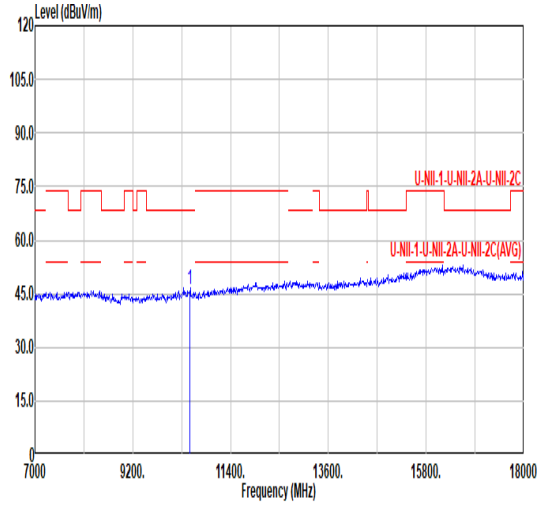
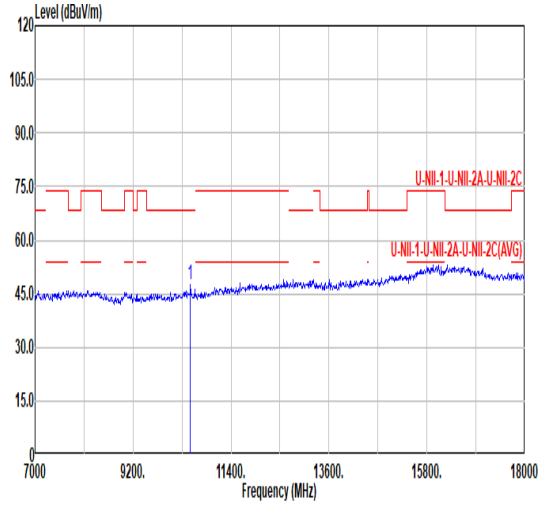
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	106.31	------	------	94.02	34.30	9.81	31.82	0.00	100	261	PEAK

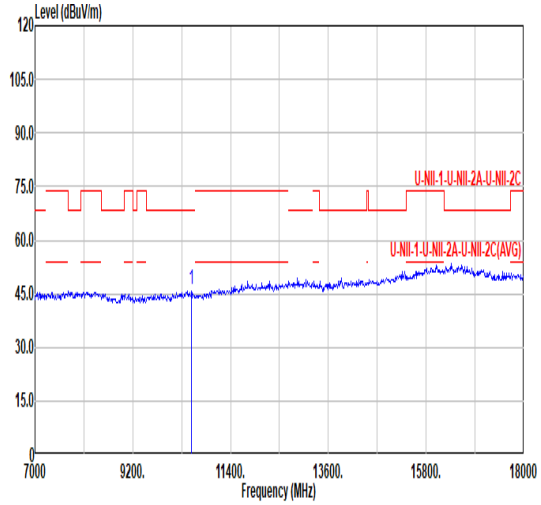
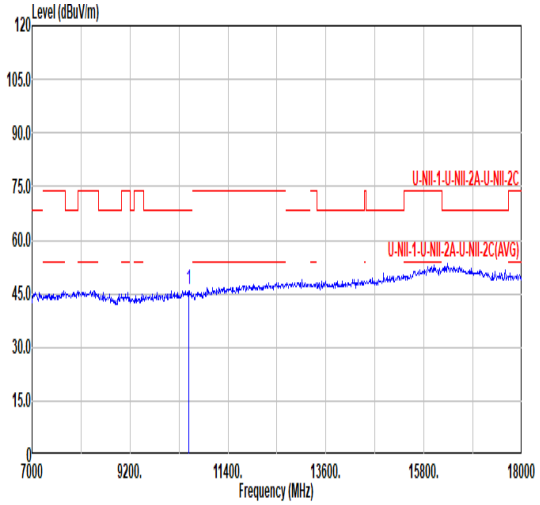
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.44	45.12	54.00	-8.88	32.93	34.20	9.79	31.80	0.00	100	261	AVERAGE

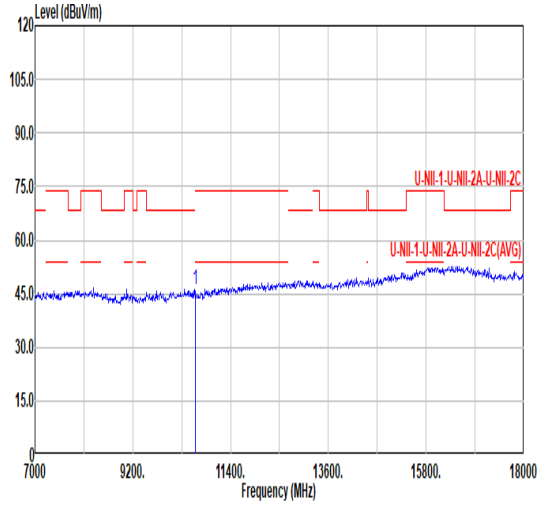
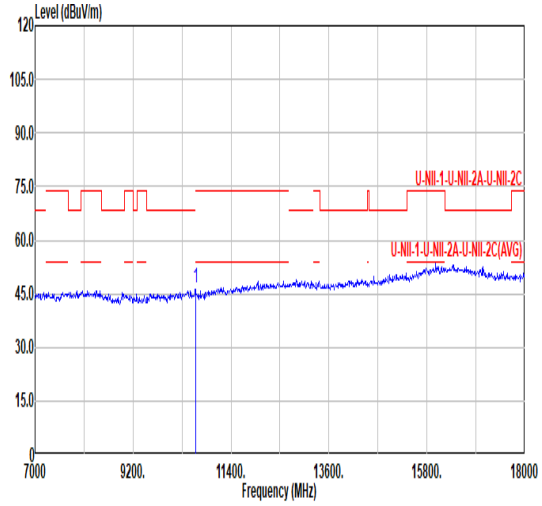
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	98.28	------	------	85.96	34.33	9.81	31.82	0.00	100	261	AVERAGE

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 44.73 68.20 -23.47 54.04 37.46 14.13 60.90 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 10360.00 45.89 68.20 -22.31 55.20 37.46 14.13 60.90 0.00 --- --- 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 47.30 68.20 -20.90 56.44 37.58 14.18 60.90 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 10440.00 46.58 68.20 -21.62 55.72 37.58 14.18 60.90 0.00 --- --- PEAK

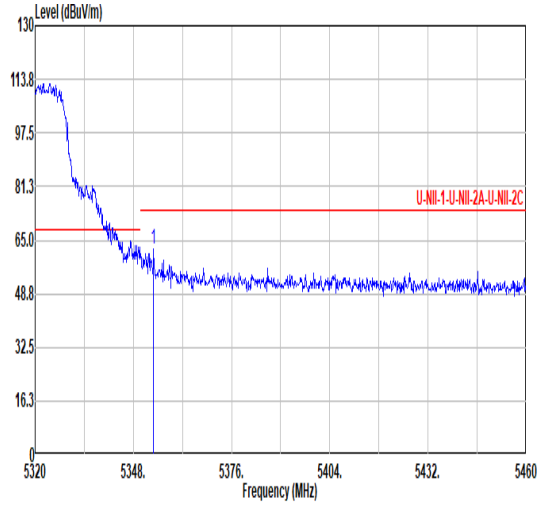
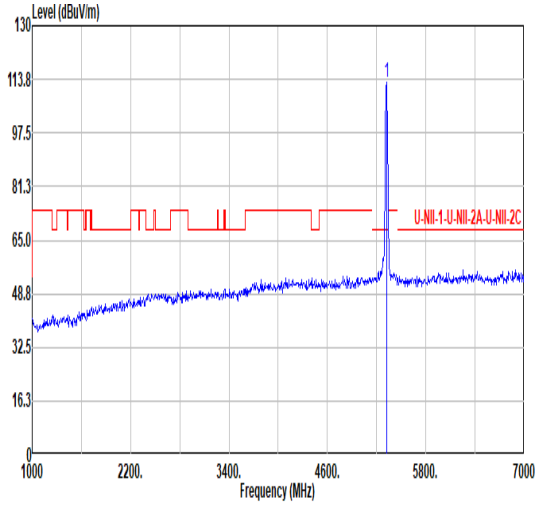
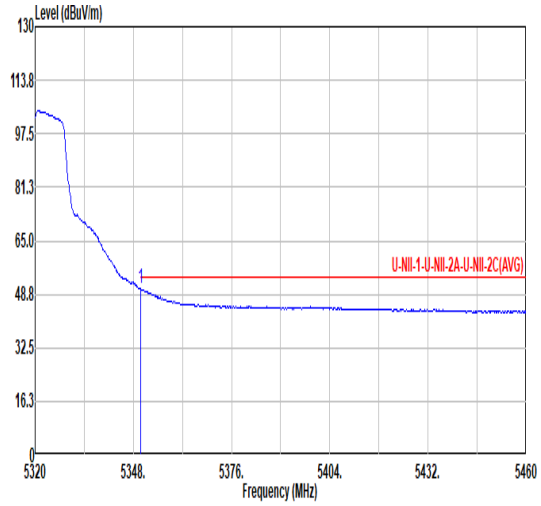
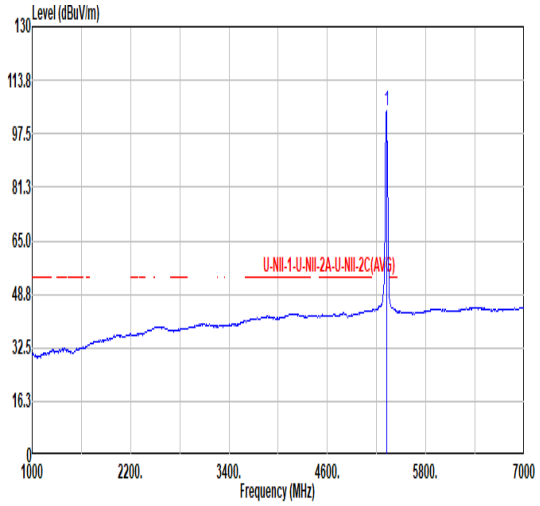
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10480.00 46.17 68.20 -22.03 55.19 37.66 14.21 60.89 0.00 --- --- 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 10480.00 47.50 68.20 -20.70 56.52 37.66 14.21 60.89 0.00 --- --- 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 46.21 68.20 -21.99 55.12 37.74 14.24 60.89 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 10520.00 46.36 68.20 -21.84 55.27 37.74 14.24 60.89 0.00 --- --- PEAK

Mode	5	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
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	10600.01	45.97	74.00	-28.03	54.67	37.90	14.29	60.89	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	10600.01	46.60	74.00	-27.40	55.30	37.90	14.29	60.89	0.00	---	---	PEAK

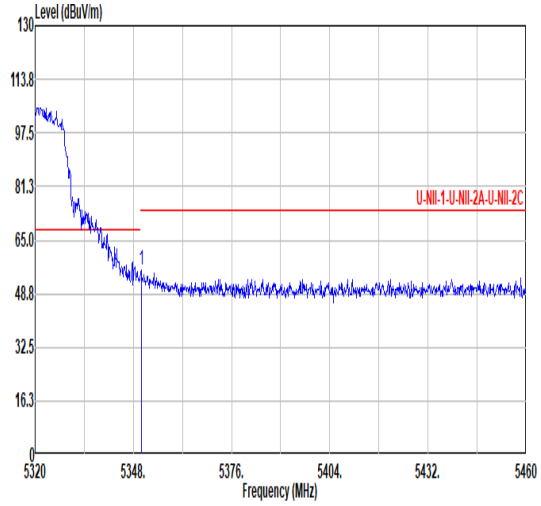
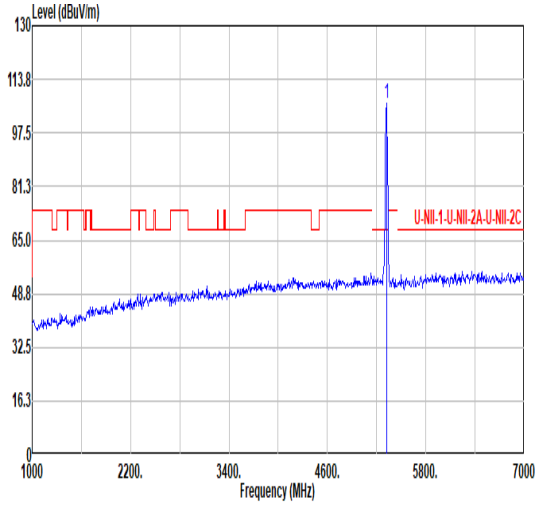
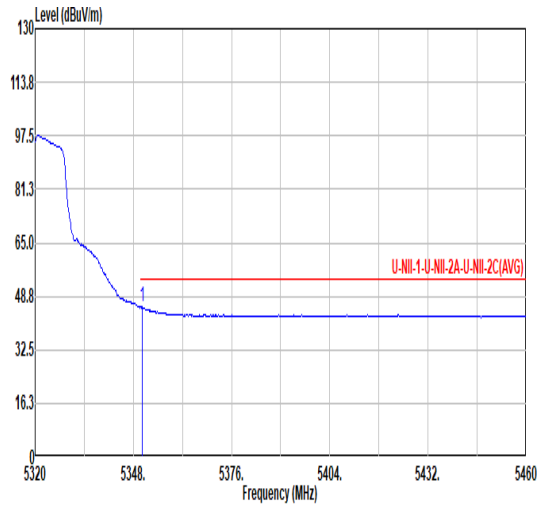
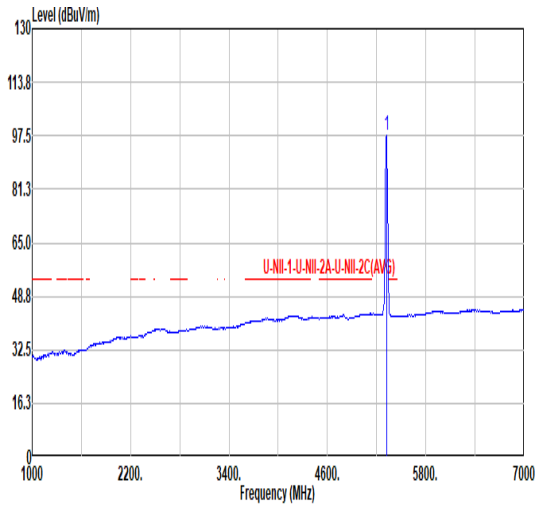
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5353.74	62.42	74.00	-11.58	49.93	34.51	9.91	31.93	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	5320.00	112.74	------	------	100.19	34.56	9.90	31.91	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	5350.10	50.33	54.00	-3.67	37.84	34.50	9.91	31.92	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	5320.00	104.45	------	------	91.90	34.56	9.90	31.91	0.00	100	191	AVERAGE

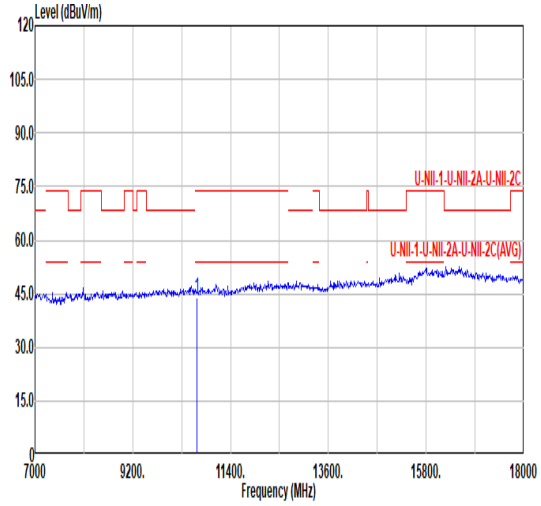
Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.24 55.71 74.00 -18.29 43.22 34.50 9.91 31.92 0.00 100 257 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 5320.00 106.24 ------ ------ 93.69 34.56 9.90 31.91 0.00 100 257 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 5350.52 45.45 54.00 -8.55 32.96 34.50 9.91 31.92 0.00 100 257 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 97.57 ------ ------ 85.02 34.56 9.90 31.91 0.00 100 257 AVERAGE

Mode	6
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz

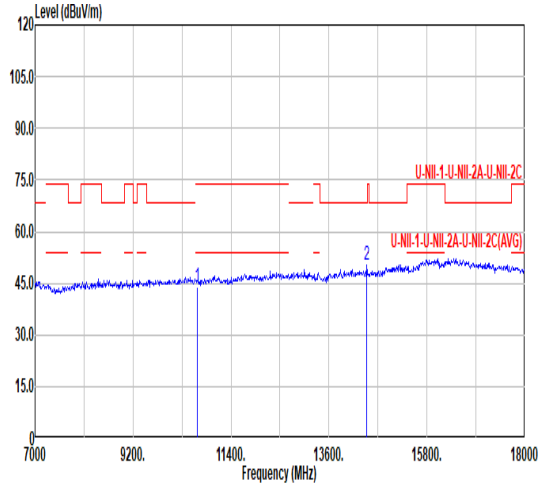
Pol.	Horizontal	Vertical

Peak

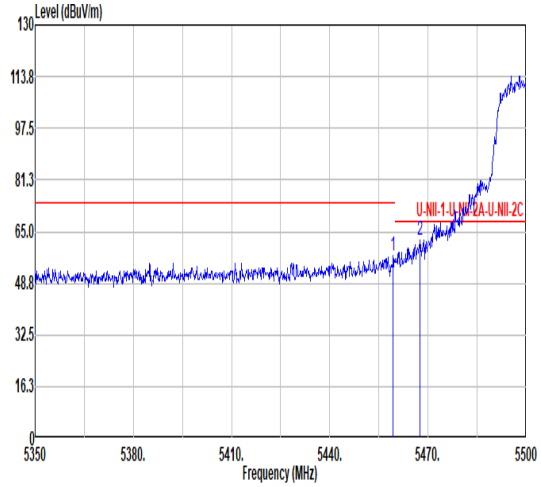
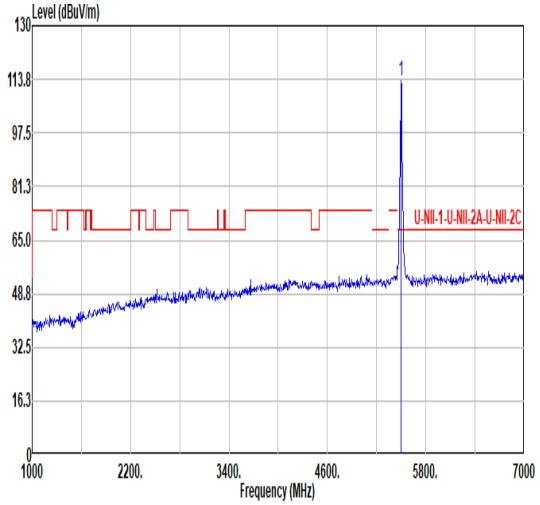
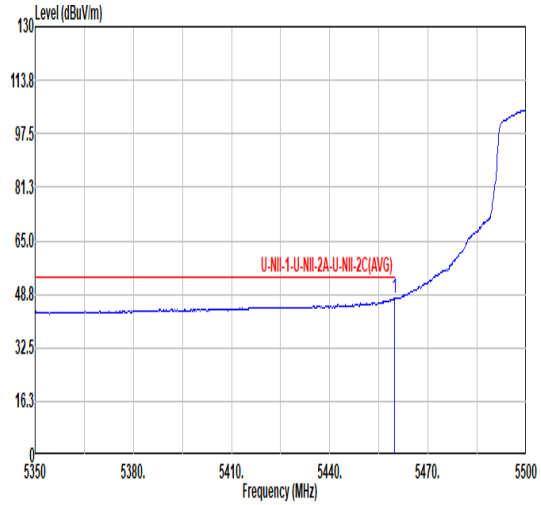
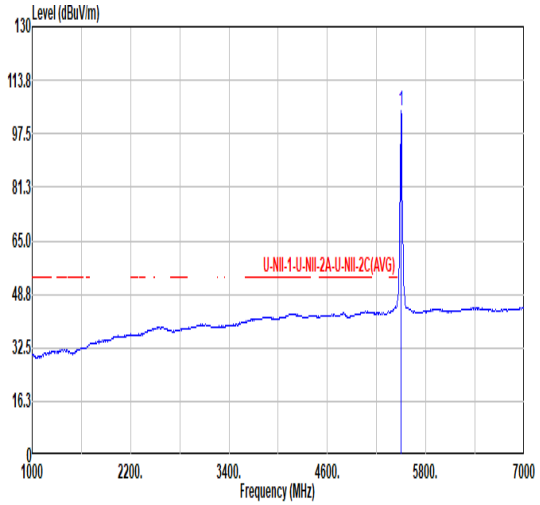
Avg



	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	43.80	74.00	-30.20	52.47	37.90	14.32	60.89	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	10640.00	44.05	74.00	-29.95	52.72	37.90	14.32	60.89	0.00	---	---	PEAK
2	14447.00	50.39	68.20	-17.81	53.83	39.39	16.84	59.67	0.00	---	---	Peak

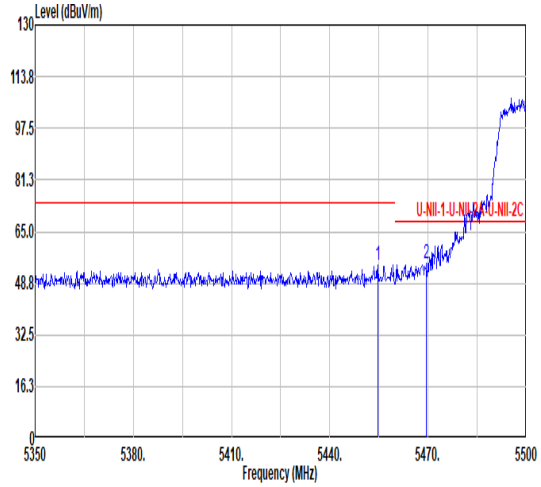
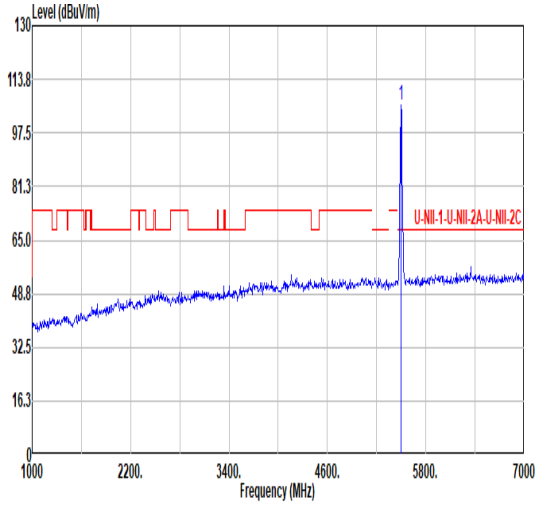
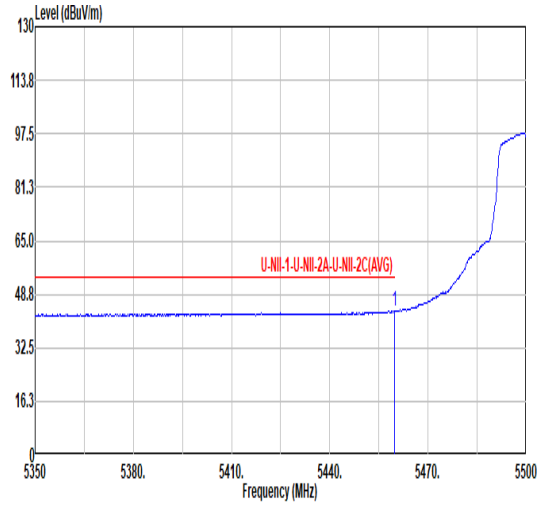
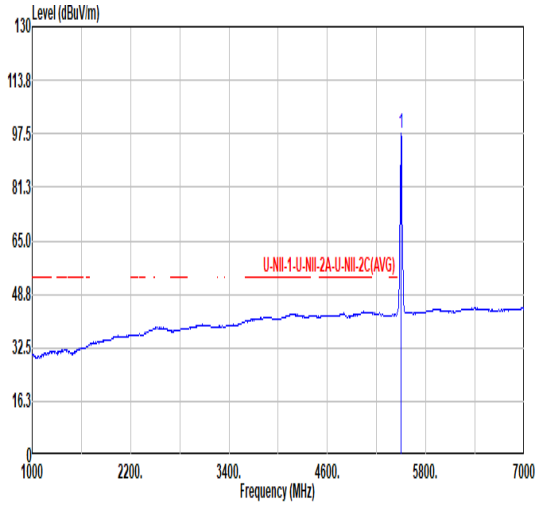
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5459.35	57.36	74.00	-16.64	44.62	34.70	10.03	31.99	0.00	110	193	PEAK
2	5467.60	62.28	68.20	-5.92	49.54	34.70	10.04	32.00	0.00	110	193	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	113.56	------	------	100.78	34.70	10.09	32.01	0.00	110	193	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	5459.80	47.50	54.00	-6.50	34.76	34.70	10.03	31.99	0.00	110	193	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	104.58	------	------	91.80	34.70	10.09	32.01	0.00	110	193	AVERAGE

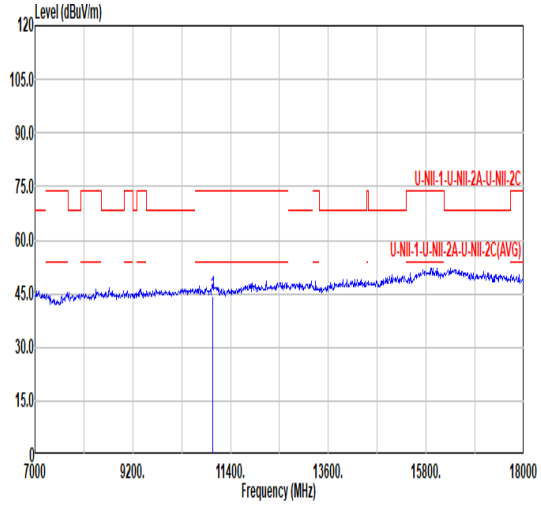
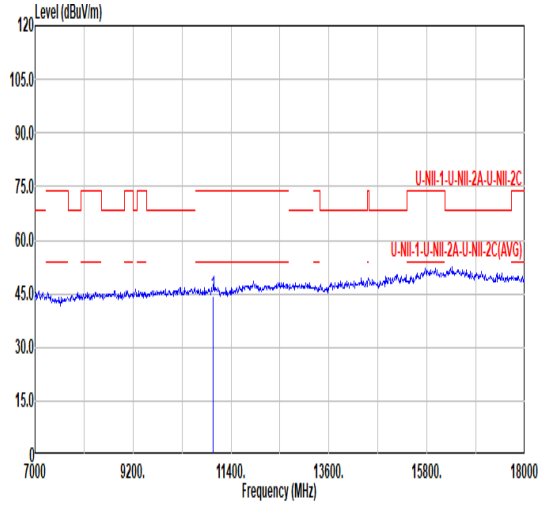
Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5454.70	54.25	74.00	-19.75	41.52	34.70	10.02	31.99	0.00	306	218	PEAK
2	5469.55	55.03	68.20	-13.17	42.29	34.70	10.04	32.00	0.00	306	218	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	105.91	------	------	93.13	34.70	10.09	32.01	0.00	306	218	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	5459.80	43.65	54.00	-10.35	30.91	34.70	10.03	31.99	0.00	306	218	AVERAGE

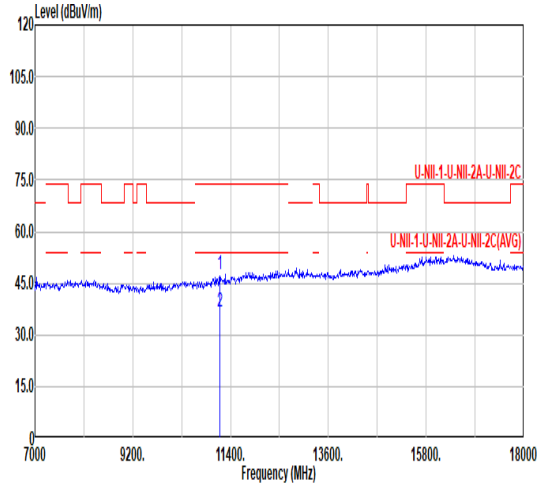
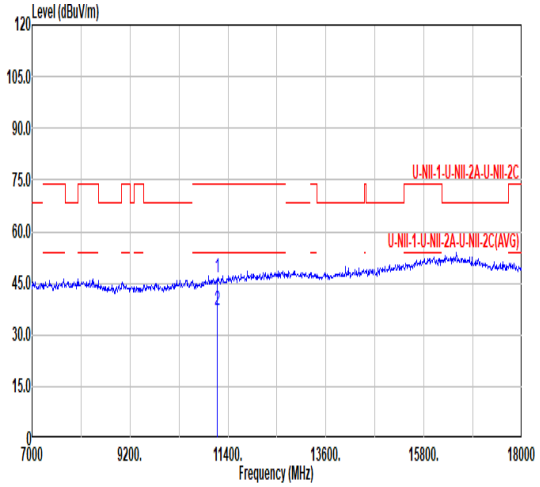
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	97.69	------	------	84.91	34.70	10.09	32.01	0.00	306	218	AVERAGE

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	44.23	74.00	-29.77	52.55	38.00	14.56	60.88	0.00	---	---	PEAK

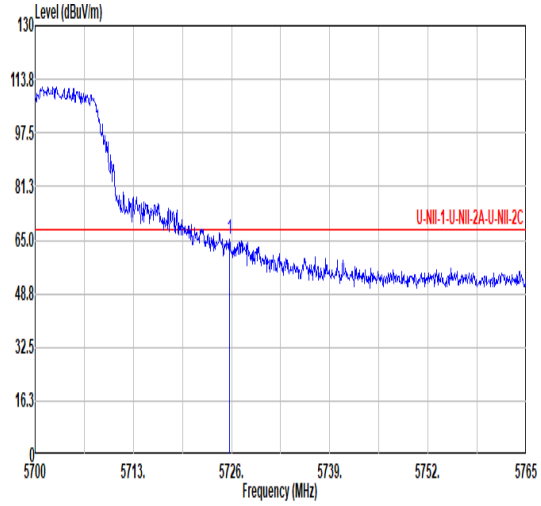
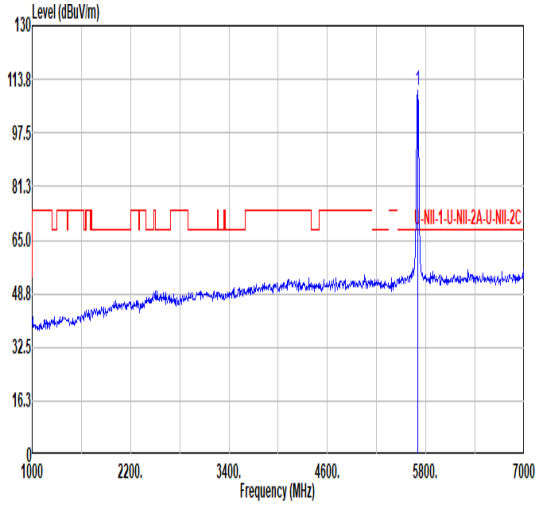
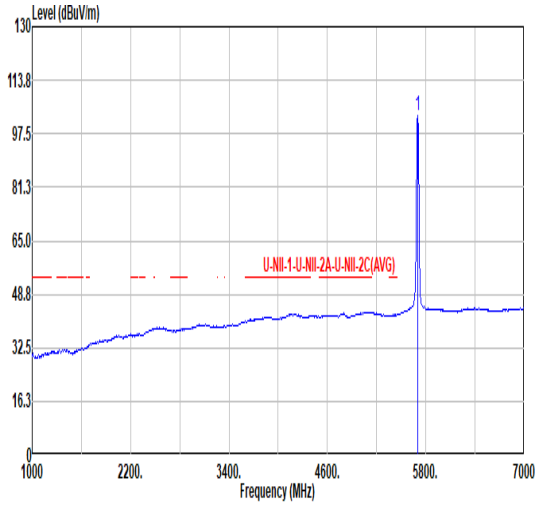
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11000.00	44.38	74.00	-29.62	52.70	38.00	14.56	60.88	0.00	---	---	PEAK

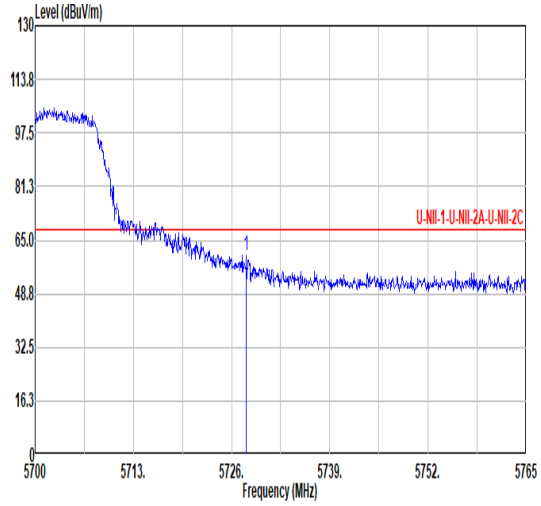
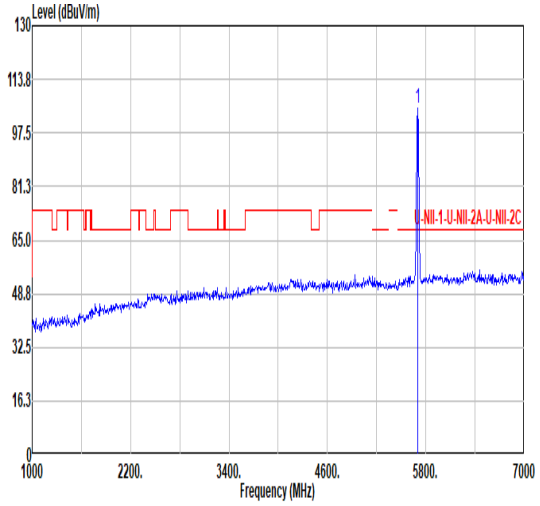
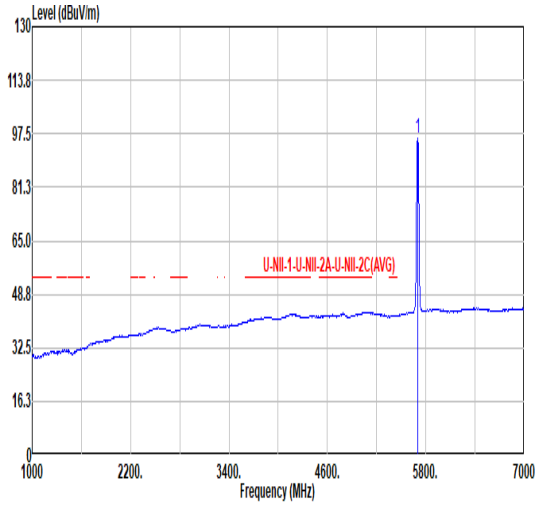
Mode	8
	Harmonic
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz

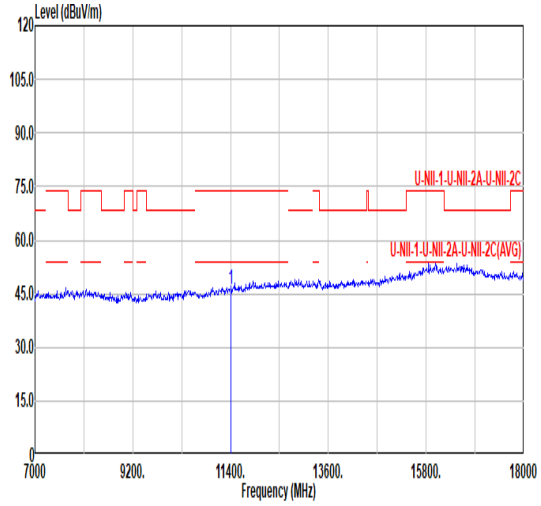
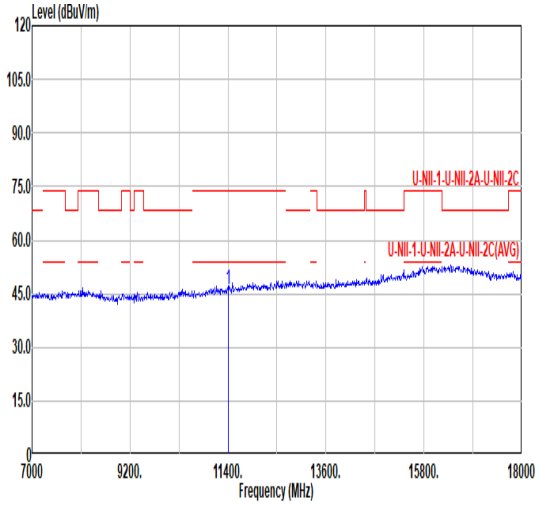
Pol.	Horizontal	Vertical
Peak Avg		

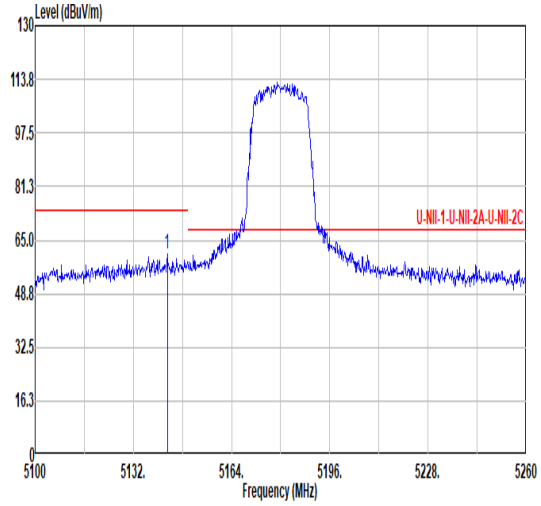
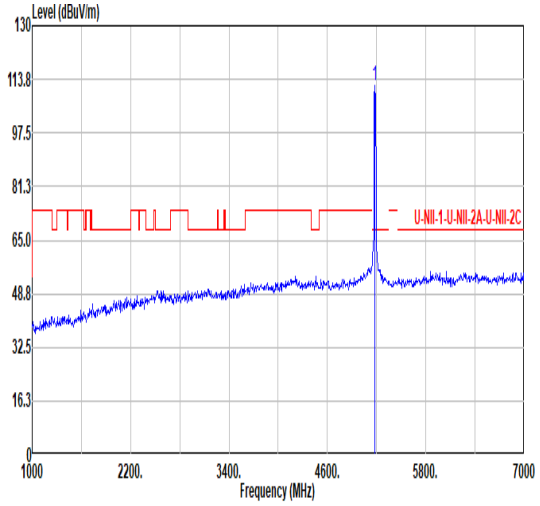
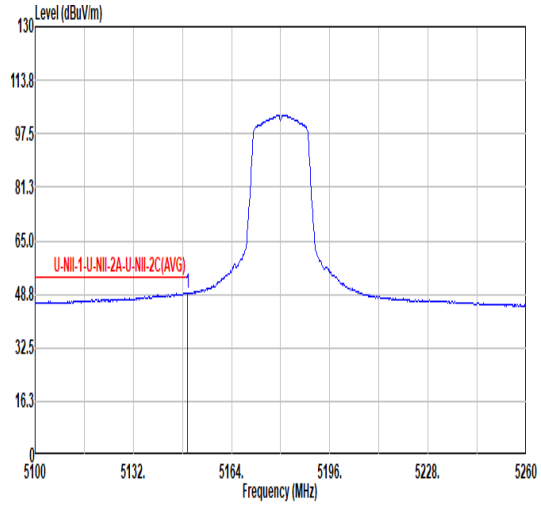
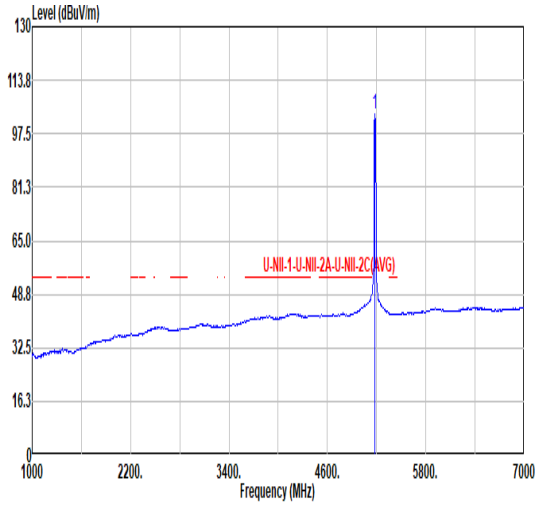
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11160.00	47.40	74.00	-26.60	55.53	38.06	14.68	60.87	0.00	300	0	PEAK
2	11160.00	36.78	54.00	-17.22	44.92	38.06	14.67	60.87	0.00	300	0	AVERAGE

	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	11160.00	46.44	74.00	-27.56	54.57	38.06	14.68	60.87	0.00	100	0	PEAK
2	11160.00	36.99	54.00	-17.01	45.12	38.06	14.68	60.87	0.00	100	0	AVERAGE

Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
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 5725.74 65.06 68.20 -3.14 52.09 34.65 10.35 32.03 0.00 102 201 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 5700.00 110.46 ------ ------ 97.49 34.70 10.32 32.05 0.00 102 201 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 5700.00 102.87 ------ ------ 89.90 34.70 10.32 32.05 0.00 102 201 AVERAGE

Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_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 5727.95 60.38 68.20 -7.82 47.42 34.64 10.35 32.03 0.00 101 332 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 5700.00 105.15 ------ ------ 92.18 34.69 10.33 32.05 0.00 101 332 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 96.07 ------ ------ 83.10 34.70 10.32 32.05 0.00 101 332 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 46.40 74.00 -27.60 54.21 38.20 14.85 60.86 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 11400.00 46.33 74.00 -27.67 54.14 38.20 14.85 60.86 0.00 --- --- PEAK

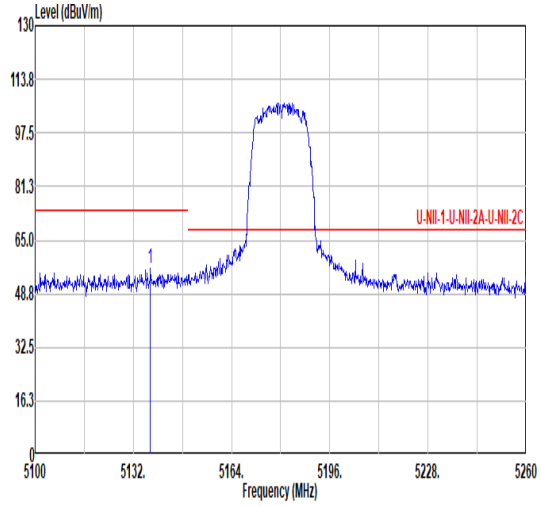
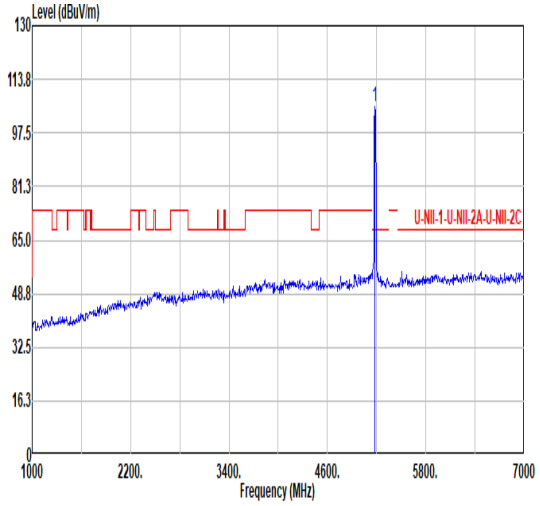
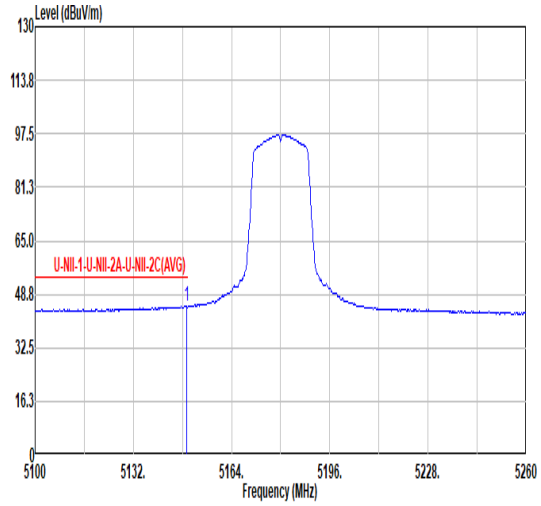
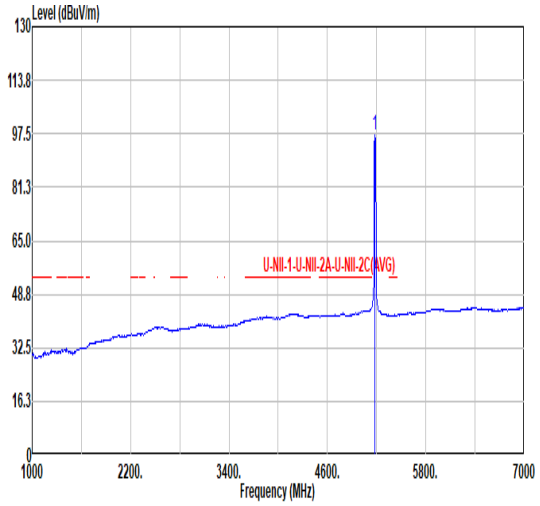
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_5180MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5143.04	60.71	74.00	-13.29	48.53	34.20	9.78	31.80	0.00	100	20	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	111.72	------	------	99.43	34.30	9.81	31.82	0.00	100	20	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	49.04	54.00	-4.96	36.85	34.20	9.79	31.80	0.00	100	20	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	103.28	------	------	90.96	34.33	9.81	31.82	0.00	100	20	AVERAGE

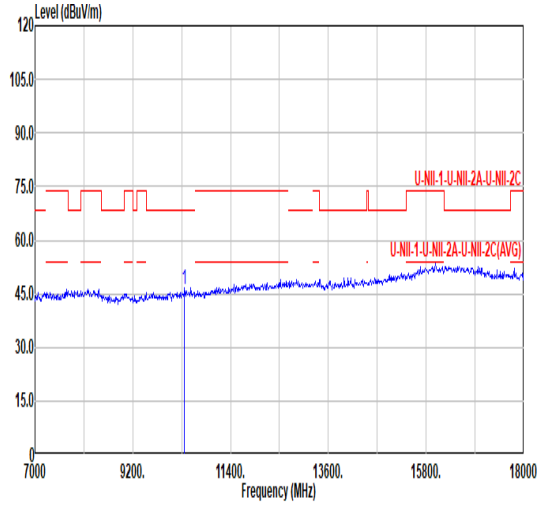
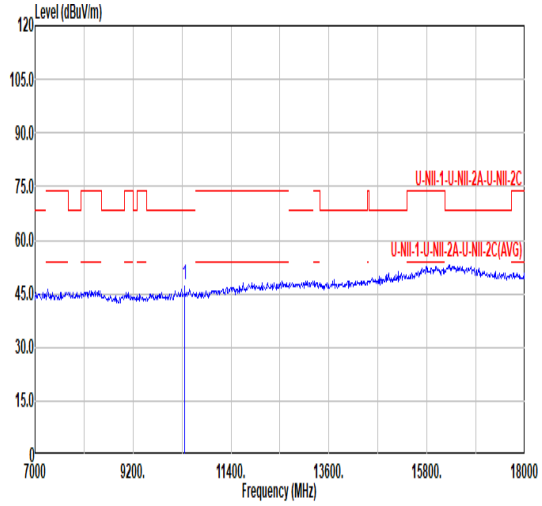
Mode	10	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_5180MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

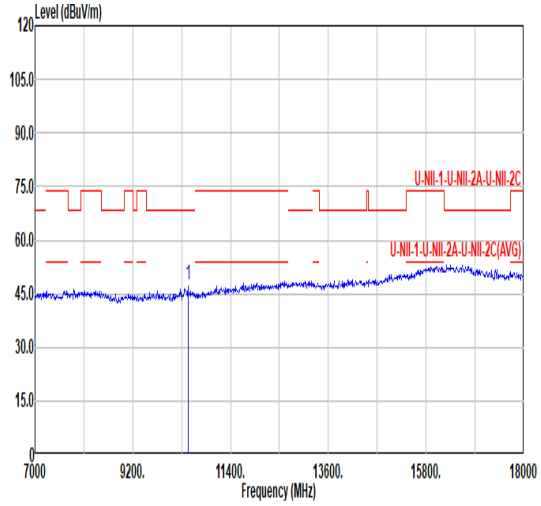
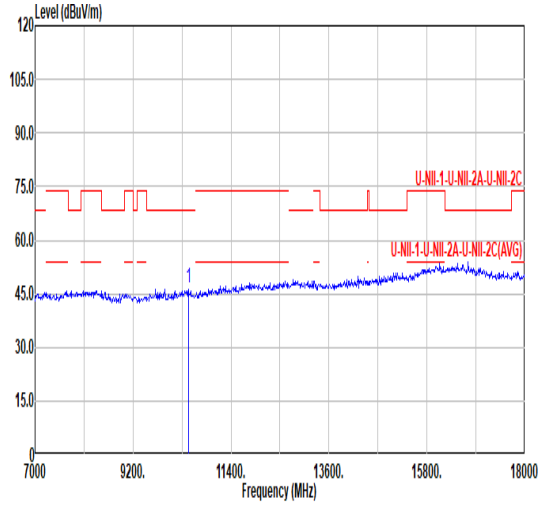
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5137.60	56.27	74.00	-17.73	44.09	34.20	9.78	31.80	0.00	100	90	PEAK

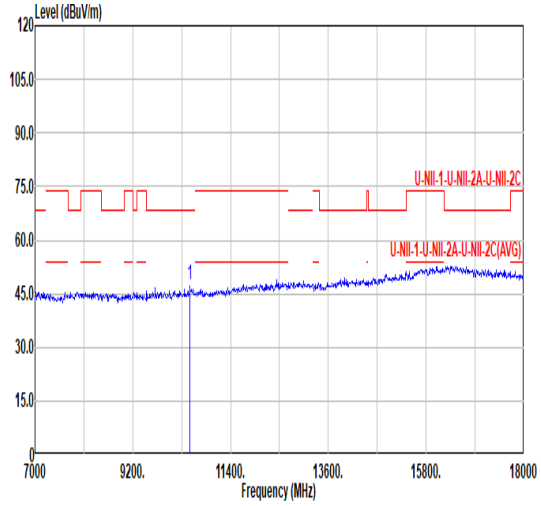
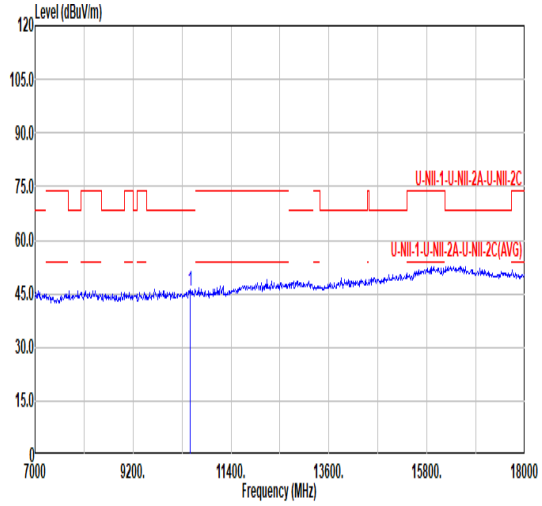
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	105.51	------	------	93.19	34.33	9.81	31.82	0.00	100	90	PEAK

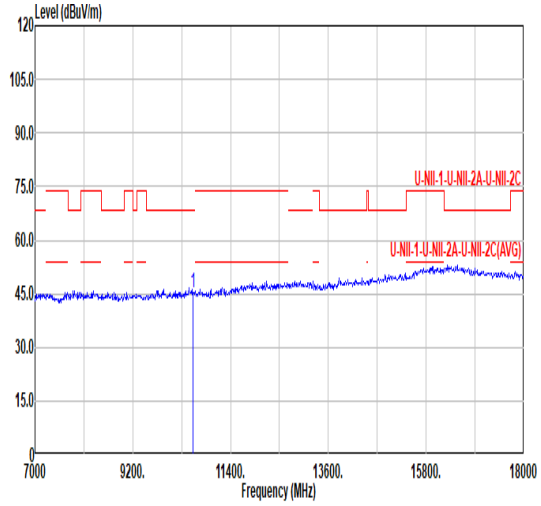
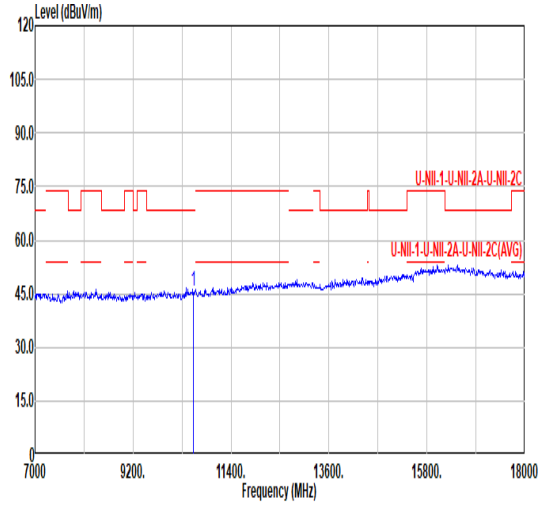
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.44	45.31	54.00	-8.69	33.12	34.20	9.79	31.80	0.00	100	90	AVERAGE

	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	97.19	------	------	84.87	34.33	9.81	31.82	0.00	100	90	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 46.09 68.20 -22.11 55.40 37.46 14.13 60.90 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 10360.00 47.44 68.20 -20.76 56.75 37.46 14.13 60.90 0.00 --- --- PEAK

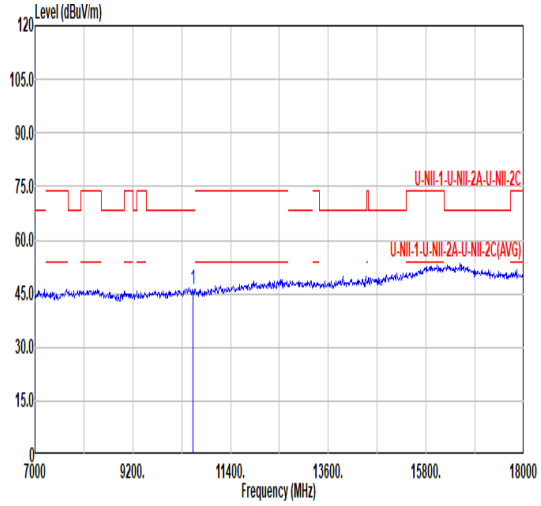
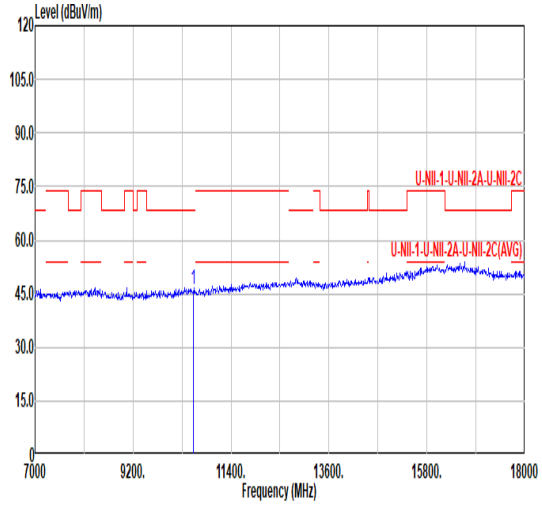
Mode	11	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH44_5220MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 47.55 68.20 -20.65 56.69 37.58 14.18 60.90 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 10440.00 46.70 68.20 -21.50 55.84 37.58 14.18 60.90 0.00 --- --- 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 47.36 68.20 -20.84 56.38 37.66 14.21 60.89 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 10480.00 45.86 68.20 -22.34 54.88 37.66 14.21 60.89 0.00 --- --- PEAK

Mode	13	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH52_5280MHz	
Pol.	Horizontal	Vertical
Peak Avg		

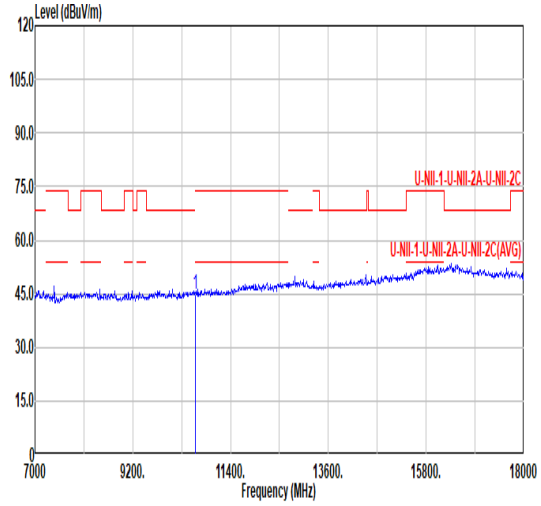
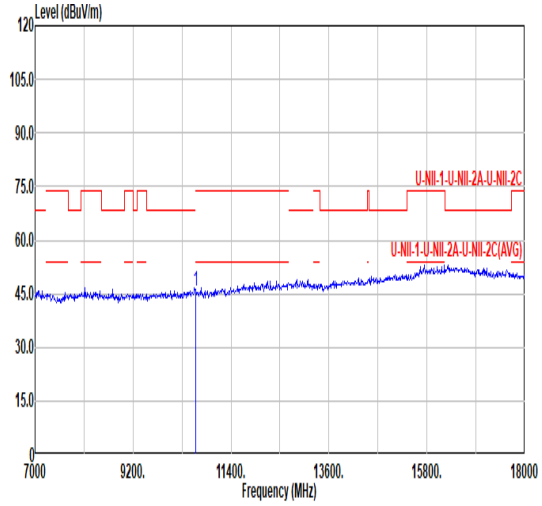
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10560.00	45.07	68.20	-23.13	53.88	37.82	14.26	60.89	0.00	---	---	PEAK

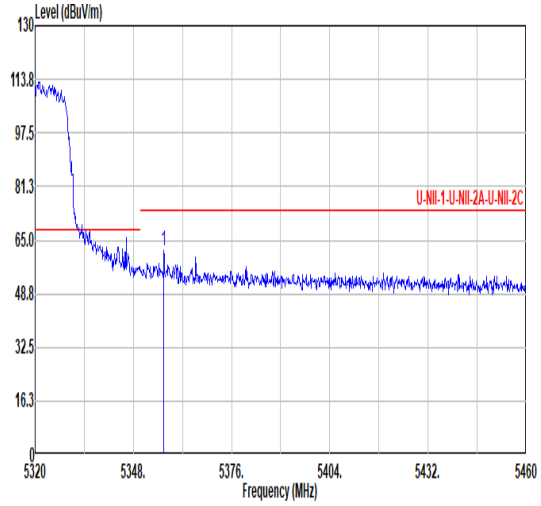
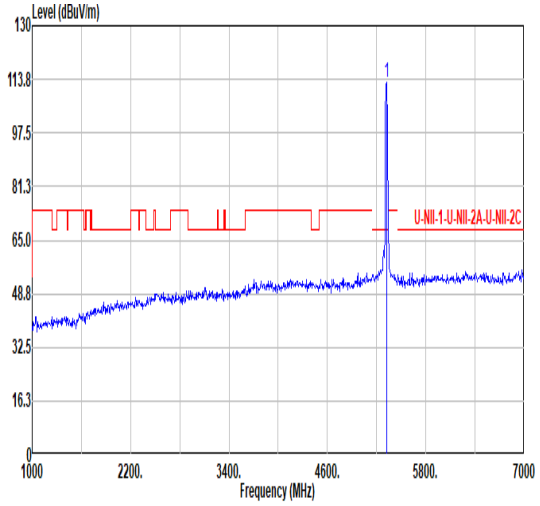
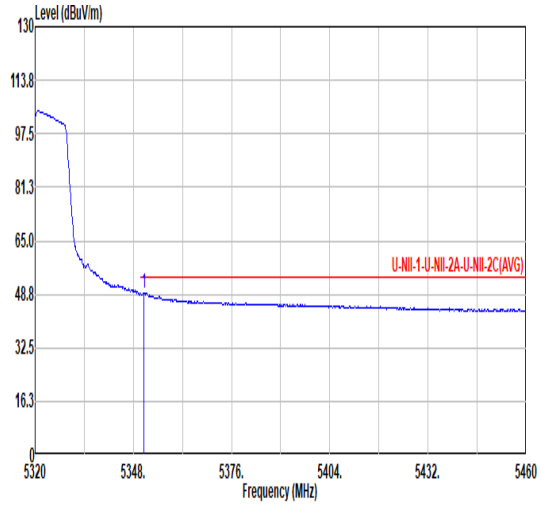
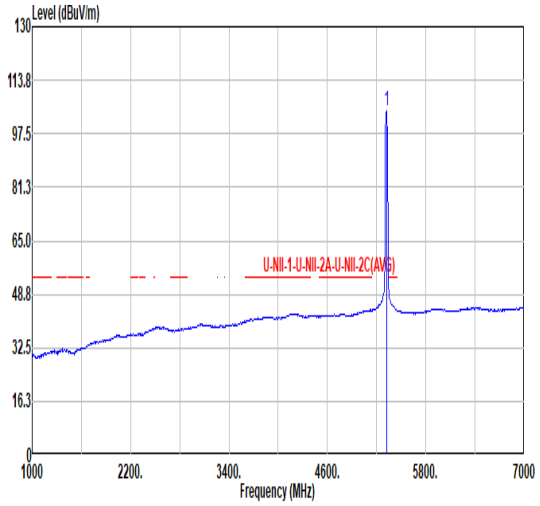
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10560.00	45.67	68.20	-22.53	54.48	37.82	14.26	60.89	0.00	---	---	PEAK

Mode	14	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH56_5280MHz	
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	10560.00	46.40	68.20	-21.80	55.21	37.82	14.26	60.89	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	10560.00	46.15	68.20	-22.05	54.96	37.82	14.26	60.89	0.00	---	---	PEAK

Mode	15	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH60_5300MHz	
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 10600.01 44.76 74.00 -29.24 53.46 37.90 14.29 60.89 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 10600.01 45.78 74.00 -28.22 54.48 37.90 14.29 60.89 0.00 --- --- PEAK

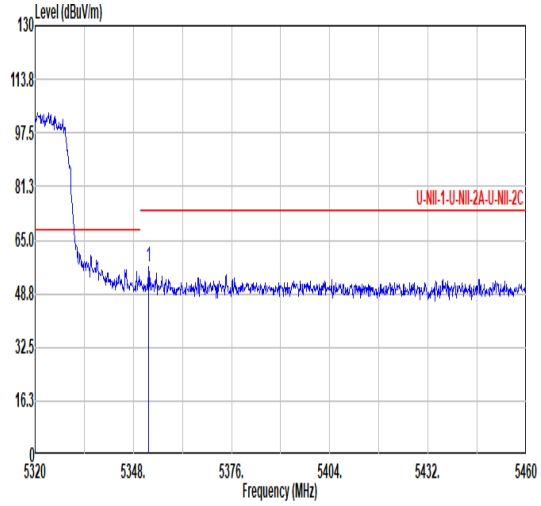
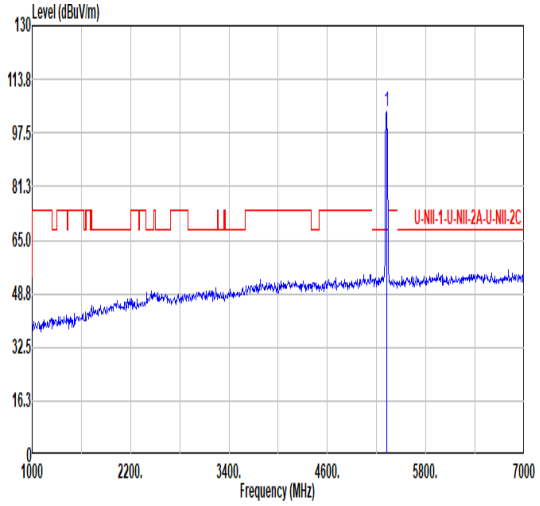
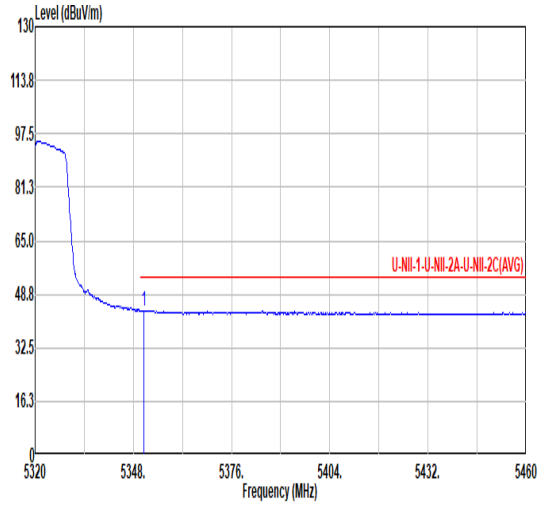
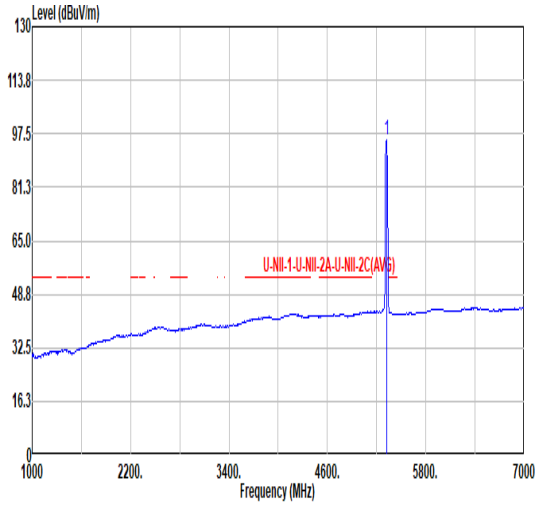
Mode	16	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_5320MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5356.68	61.86	74.00	-12.14	49.34	34.53	9.92	31.93	0.00	102	25	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	112.89	------	------	100.34	34.56	9.90	31.91	0.00	102	25	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	5350.94	49.26	54.00	-4.74	36.77	34.50	9.91	31.92	0.00	102	25	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	104.52	------	------	91.97	34.56	9.90	31.91	0.00	102	25	AVERAGE

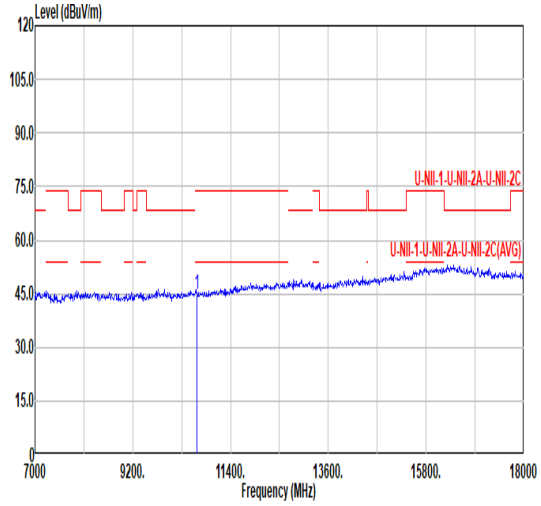
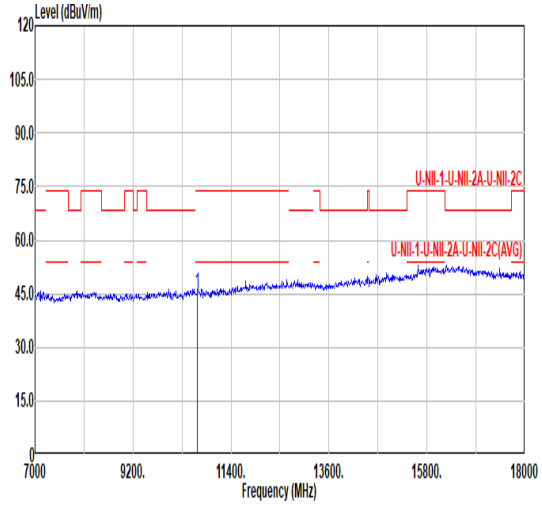
Mode	16	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_5320MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5352.34	56.86	74.00	-17.14	44.37	34.51	9.91	31.93	0.00	100	85	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	103.77	------	------	91.22	34.56	9.90	31.91	0.00	100	85	PEAK

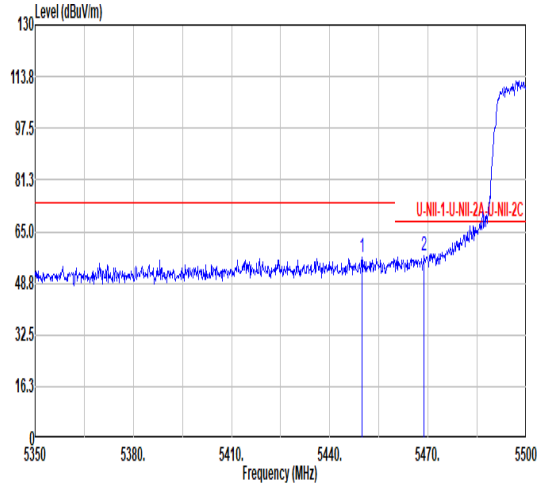
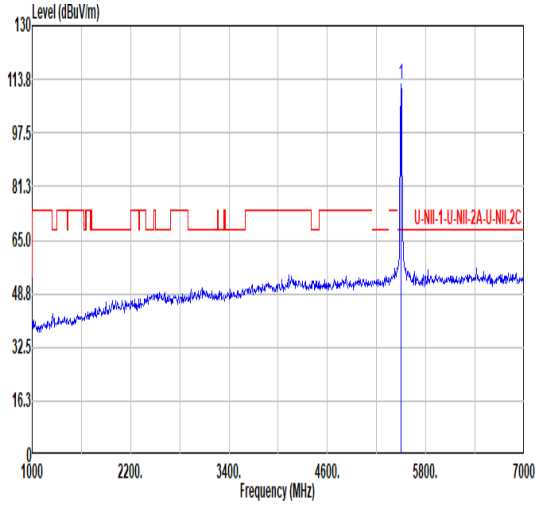
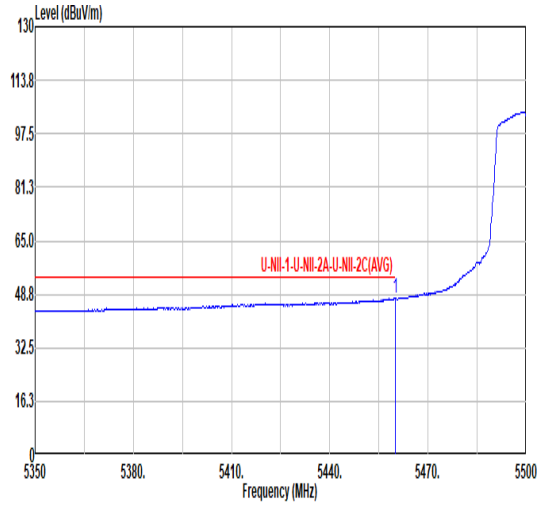
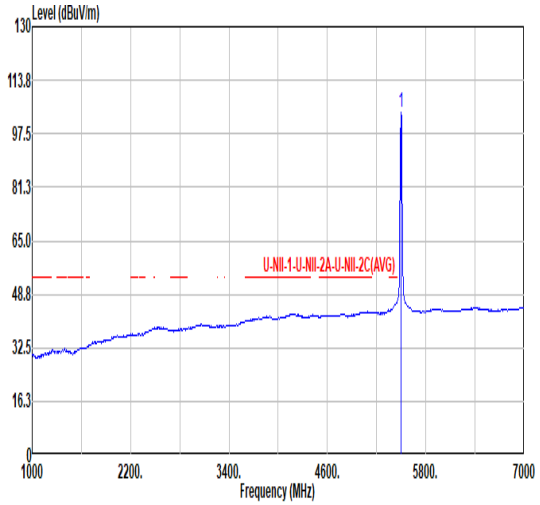
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5351.08	43.75	54.00	-10.25	31.26	34.50	9.91	31.92	0.00	100	85	AVERAGE

	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	95.45	------	------	82.90	34.56	9.90	31.91	0.00	100	85	AVERAGE

Mode	16	
	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	44.69	74.00	-29.31	53.36	37.90	14.32	60.89	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	10640.00	45.24	74.00	-28.76	53.91	37.90	14.32	60.89	0.00	---	---	PEAK

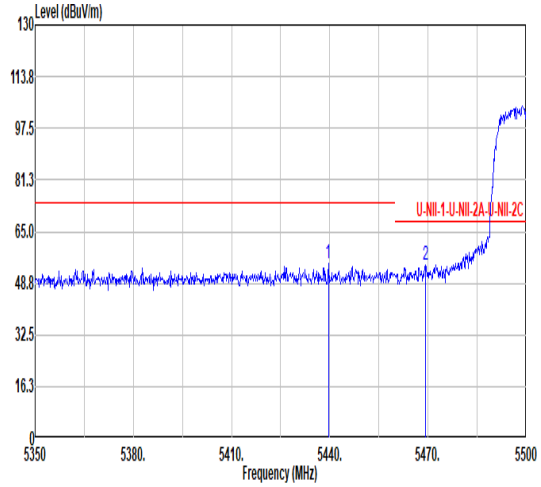
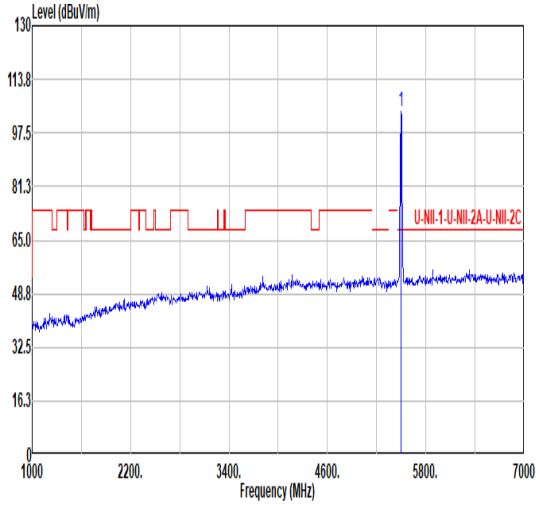
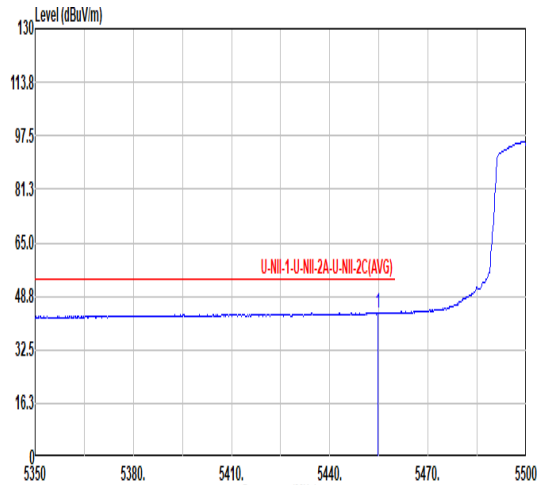
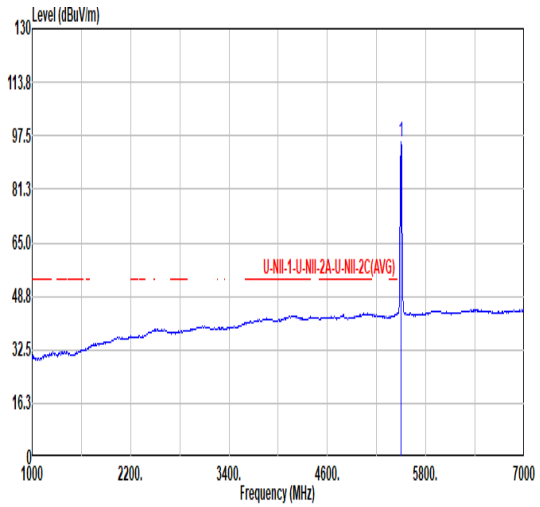
Mode	17	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

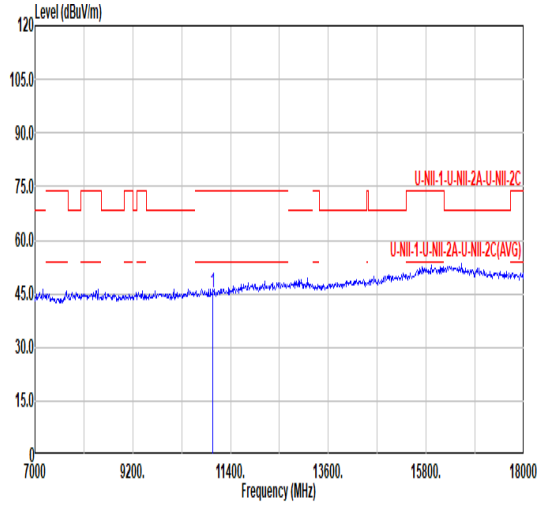
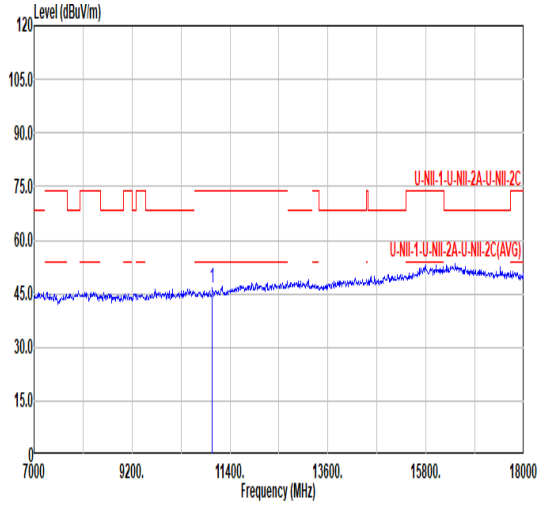
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5449.75	56.88	74.00	-17.12	44.15	34.70	10.01	31.98	0.00	100	26	PEAK
2	5468.80	57.52	68.20	-10.68	44.78	34.70	10.04	32.00	0.00	100	26	PEAK

	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	112.35	------	------	99.57	34.70	10.09	32.01	0.00	100	26	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	5459.95	47.49	54.00	-6.51	34.75	34.70	10.03	31.99	0.00	100	26	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	104.07	------	------	91.29	34.70	10.09	32.01	0.00	100	26	AVERAGE

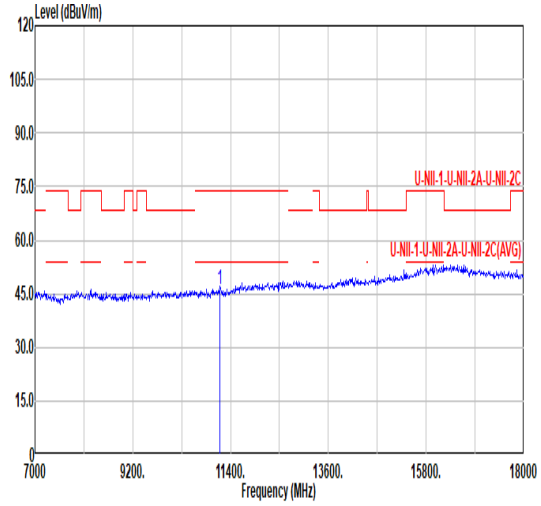
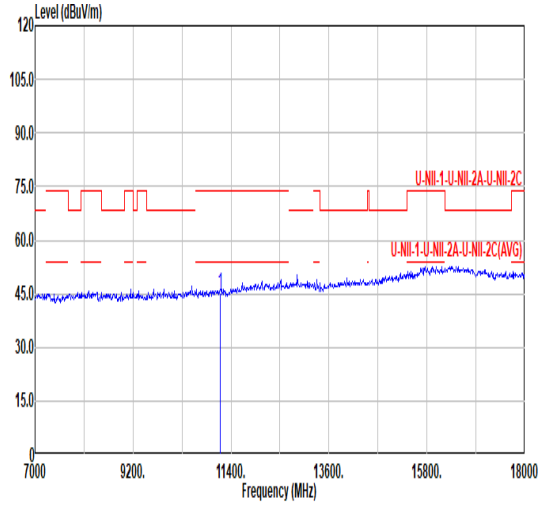
Mode	17	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_5500MHz	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5439.55 54.83 74.00 -19.17 42.11 34.70 10.00 31.98 0.00 100 86 PEAK 2 5469.25 54.21 68.20 -13.99 41.47 34.70 10.04 32.00 0.00 100 86 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 5500.00 104.11 ------ ------ 91.33 34.70 10.09 32.01 0.00 100 86 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 5454.70 43.87 54.00 -10.13 31.14 34.70 10.02 31.99 0.00 100 86 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 95.69 ------ ------ 82.91 34.70 10.09 32.01 0.00 100 86 AVERAGE

Mode	17	
	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	45.32	74.00	-28.68	53.64	38.00	14.56	60.88	0.00	---	---	PEAK

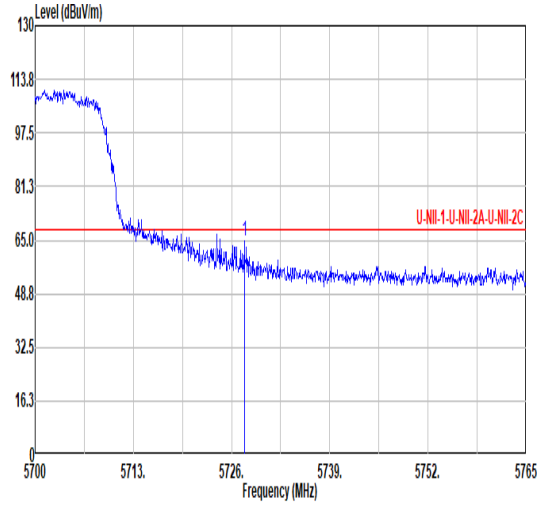
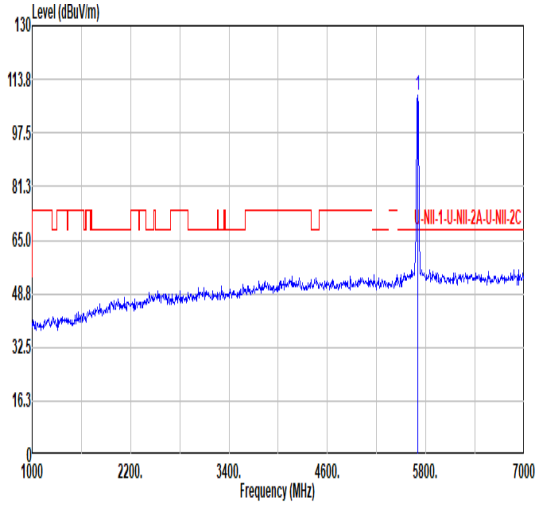
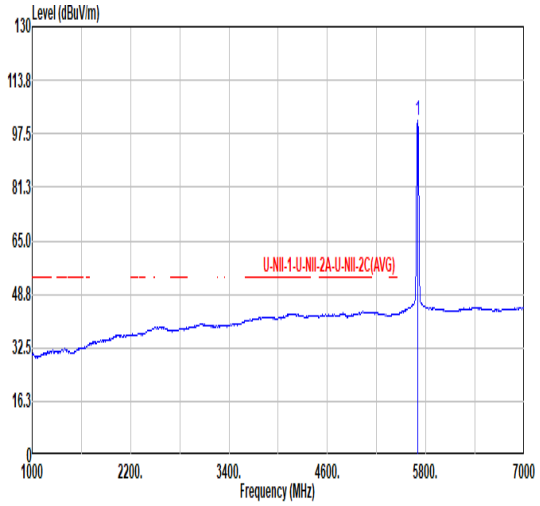
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11000.00	46.61	74.00	-27.39	54.93	38.00	14.56	60.88	0.00	---	---	PEAK

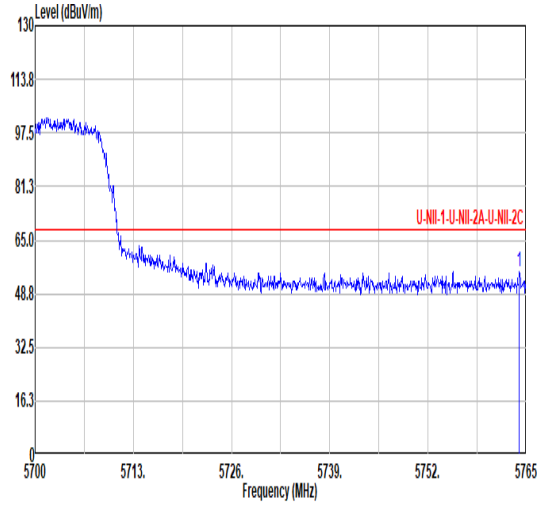
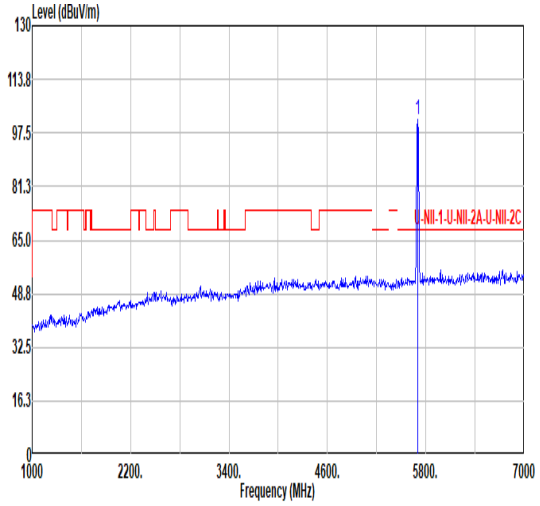
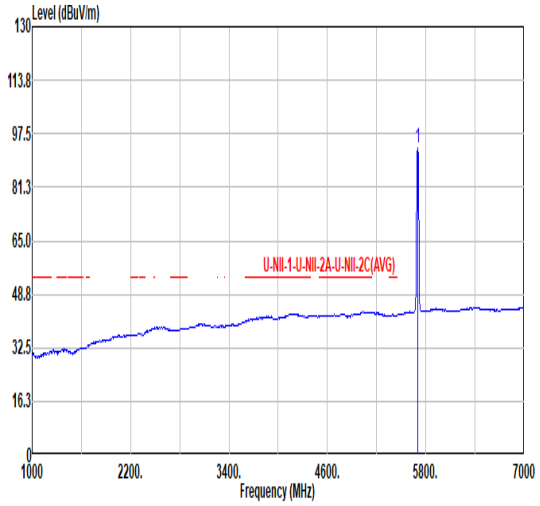
Mode	18
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH116_5580MHz

Pol.	Horizontal	Vertical
Peak Avg		

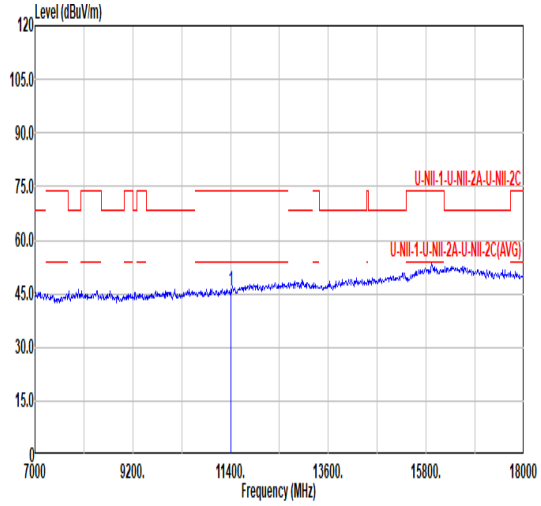
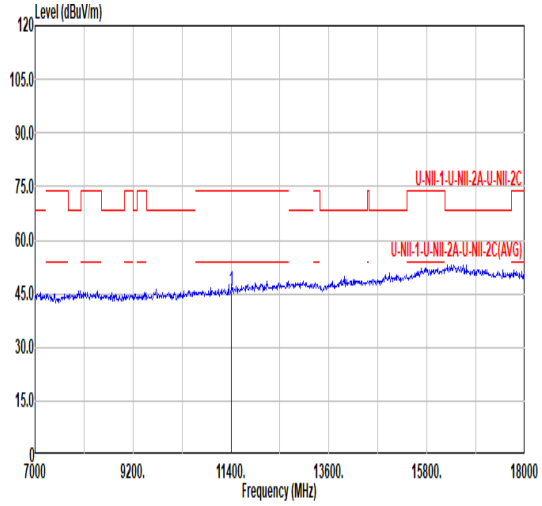
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11160.00	46.17	74.00	-27.83	54.30	38.06	14.68	60.87	0.00	---	---	PEAK

	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	11160.00	45.38	74.00	-28.62	53.51	38.06	14.68	60.87	0.00	---	---	PEAK

Mode	19	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
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 5727.69 64.56 68.20 -3.64 51.60 34.64 10.35 32.03 0.00 106 28 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 5700.00 108.91 ------ ------ 95.94 34.70 10.32 32.05 0.00 106 28 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 5700.00 101.41 ------ ------ 88.44 34.70 10.32 32.05 0.00 106 28 AVERAGE

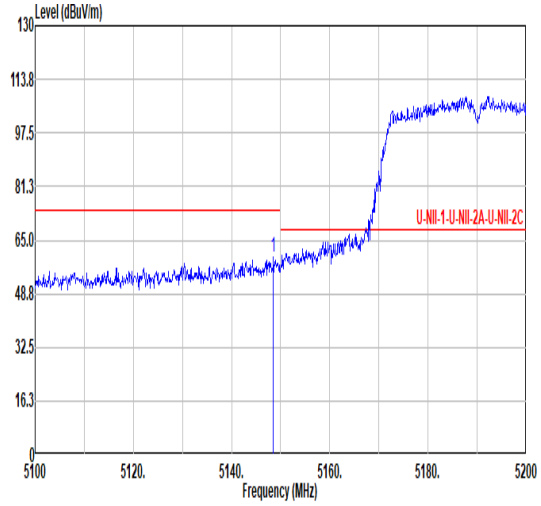
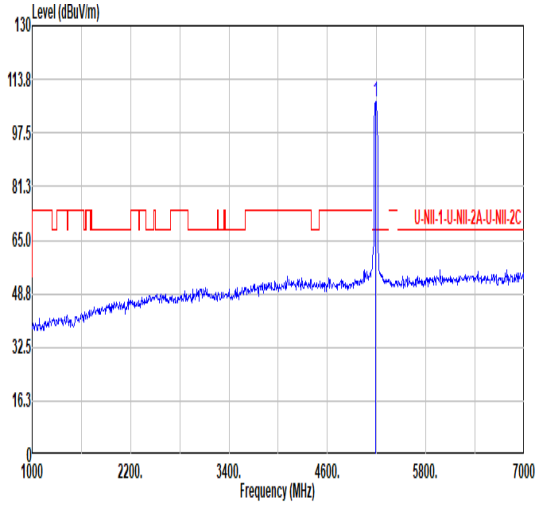
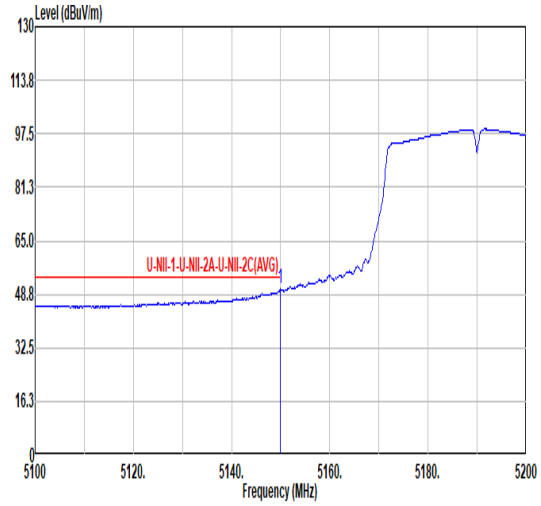
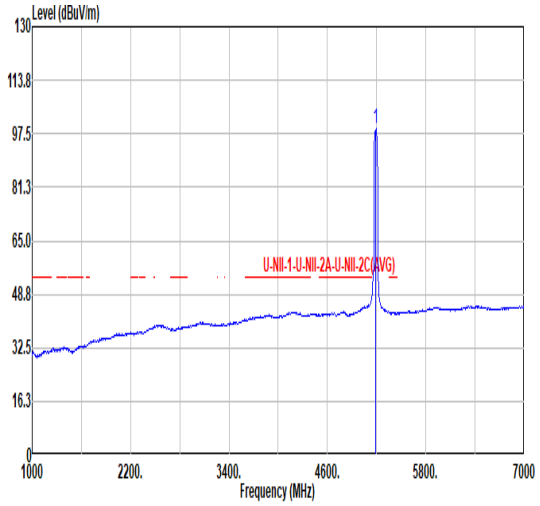
Mode	19	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_5700MHz	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5764.09 55.41 68.20 -12.79 42.40 34.63 10.38 32.00 0.00 100 85 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 5700.00 101.68 ------ ------ 88.71 34.70 10.32 32.05 0.00 100 85 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 93.26 ------ ------ 80.29 34.70 10.32 32.05 0.00 100 85 AVERAGE

Mode	19
	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	45.81	74.00	-28.19	53.62	38.20	14.85	60.86	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	11400.00	45.67	74.00	-28.33	53.48	38.20	14.85	60.86	0.00	---	---	PEAK

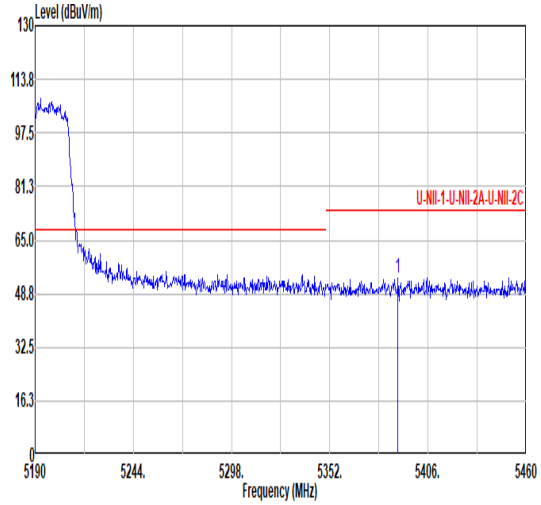
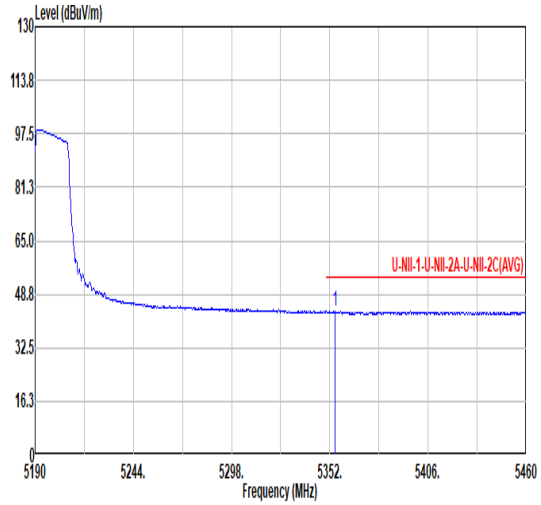
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

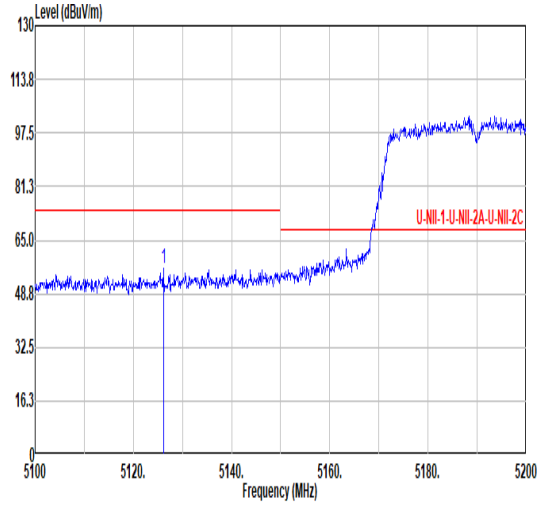
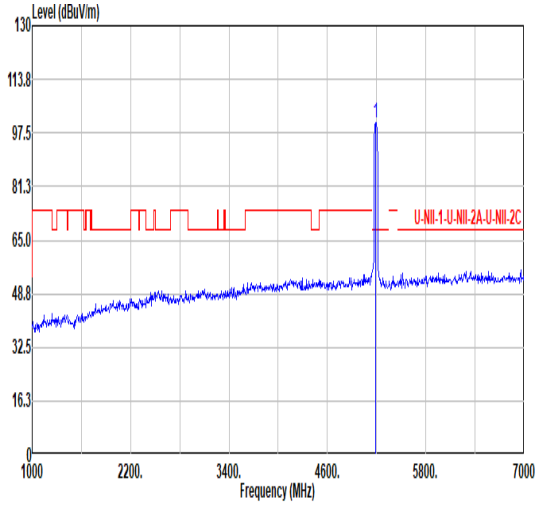
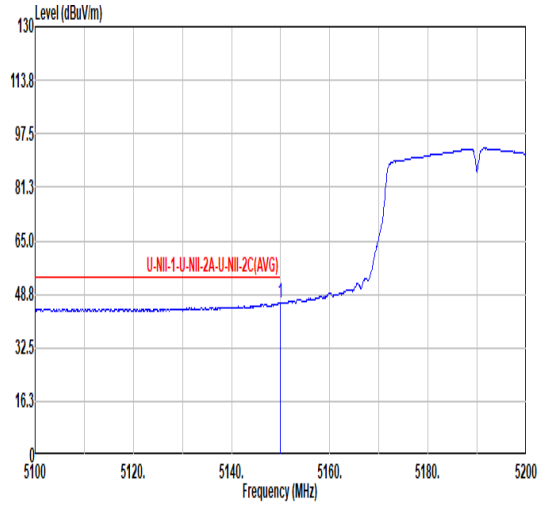
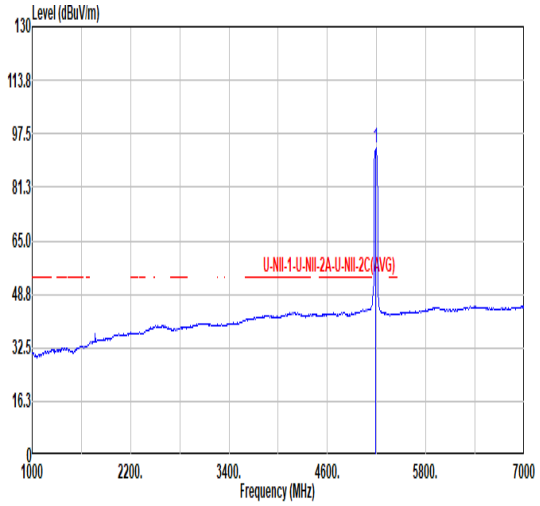
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.50	59.77	74.00	-14.23	47.58	34.20	9.79	31.80	0.00	100	194	PEAK

	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	107.09	------	------	94.71	34.38	9.83	31.83	0.00	100	194	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	5149.90	50.77	54.00	-3.23	38.58	34.20	9.79	31.80	0.00	100	194	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	98.92	------	------	86.54	34.38	9.83	31.83	0.00	100	194	AVERAGE

Mode	20	
	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 5389.53 53.71 74.00 -20.29 41.07 34.66 9.93 31.95 0.00 100 194 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 5354.97 43.50 54.00 -10.50 31.00 34.52 9.91 31.93 0.00 100 194 AVERAGE	Blank

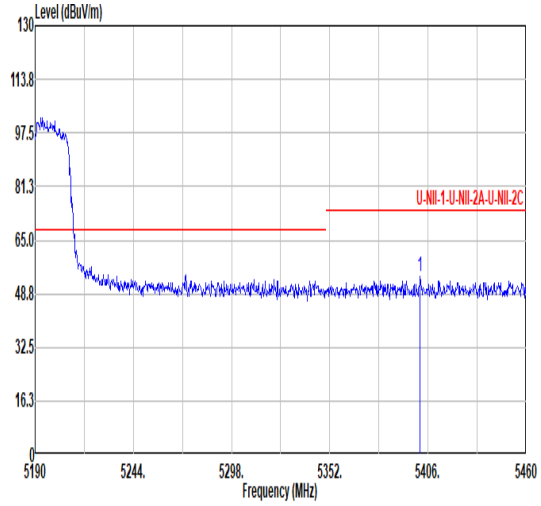
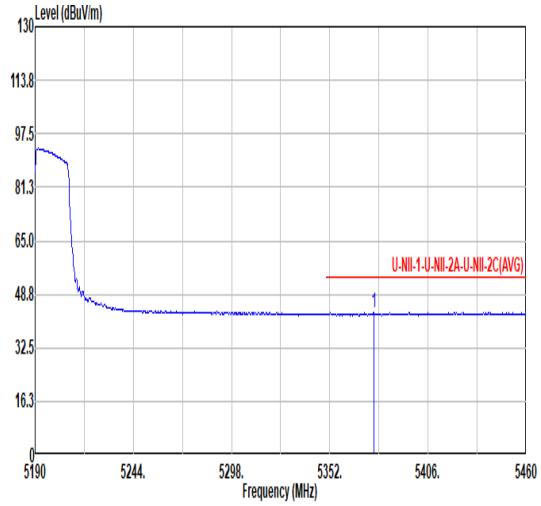
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

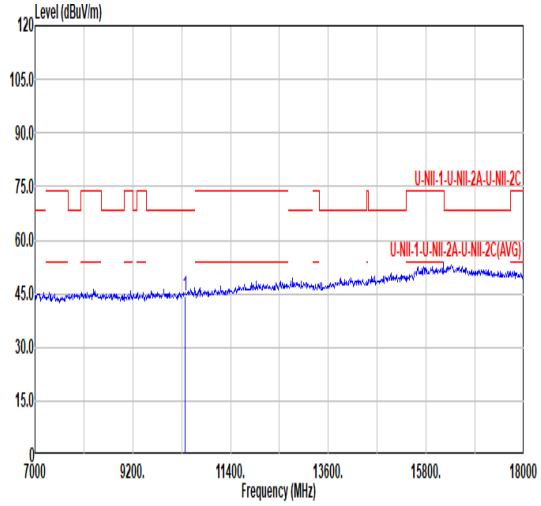
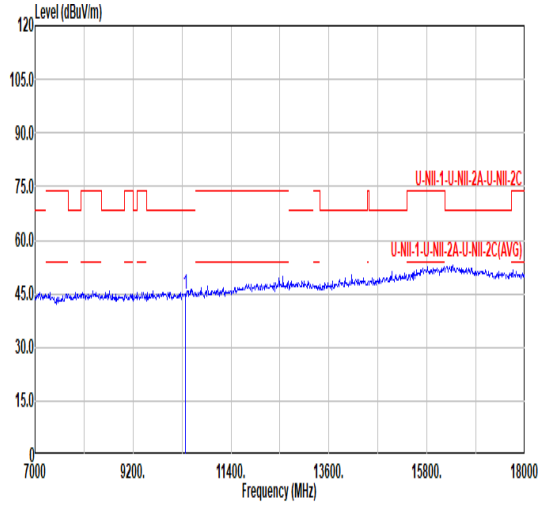
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5126.10	56.40	74.00	-17.60	44.22	34.20	9.77	31.79	0.00	100	262	PEAK

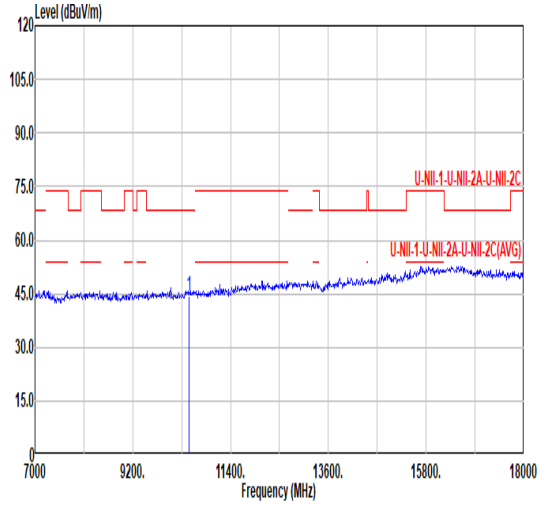
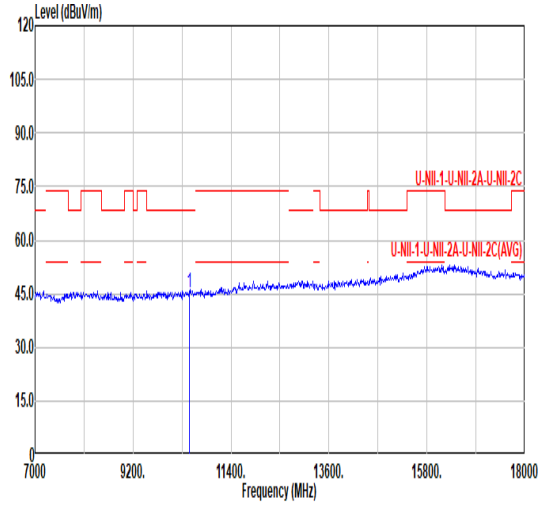
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	100.75	------	------	88.41	34.35	9.82	31.83	0.00	100	262	PEAK

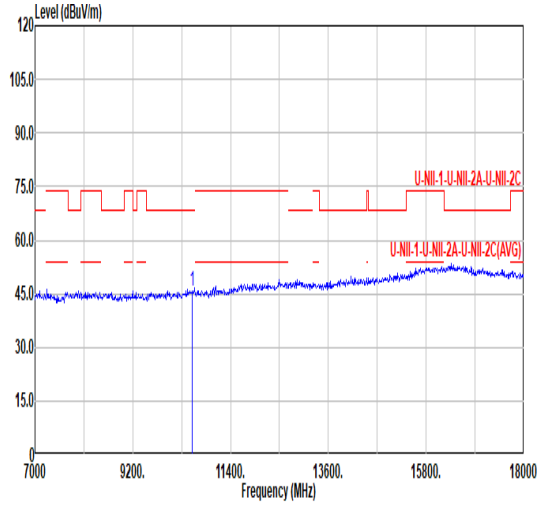
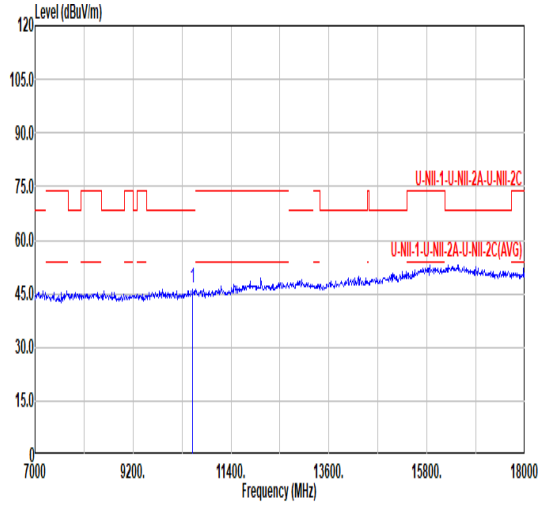
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5150.00	46.26	54.00	-7.74	34.07	34.20	9.79	31.80	0.00	100	262	AVERAGE

	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	93.10	------	------	80.72	34.38	9.83	31.83	0.00	100	262	AVERAGE

Mode	20	
	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 5401.68 53.81 74.00 -20.19 41.13 34.70 9.94 31.96 0.00 100 262 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 5376.30 43.15 54.00 -10.85 30.55 34.61 9.93 31.94 0.00 100 262 AVERAGE	Blank

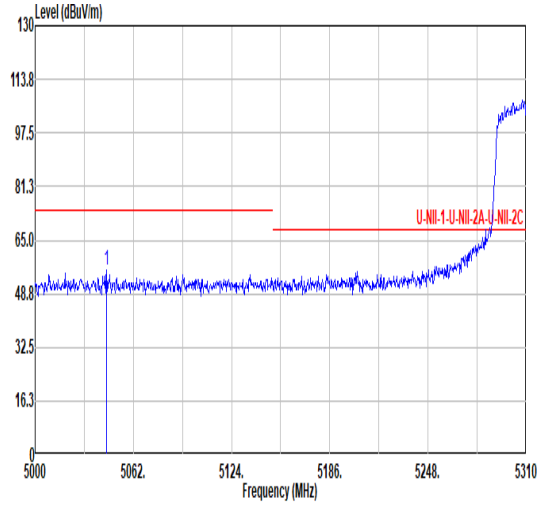
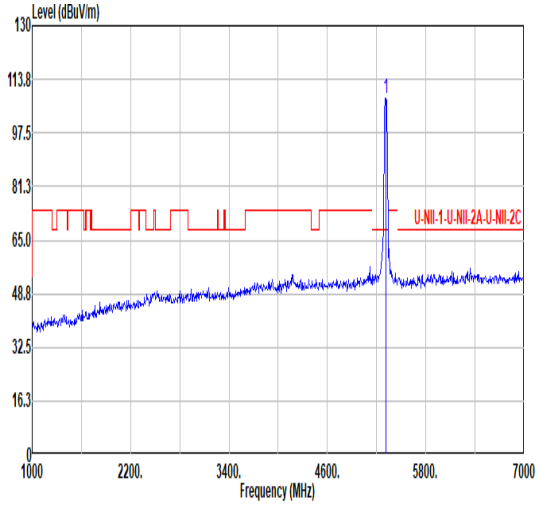
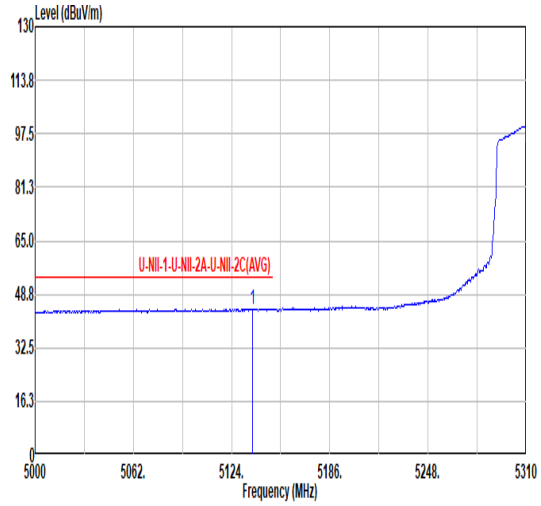
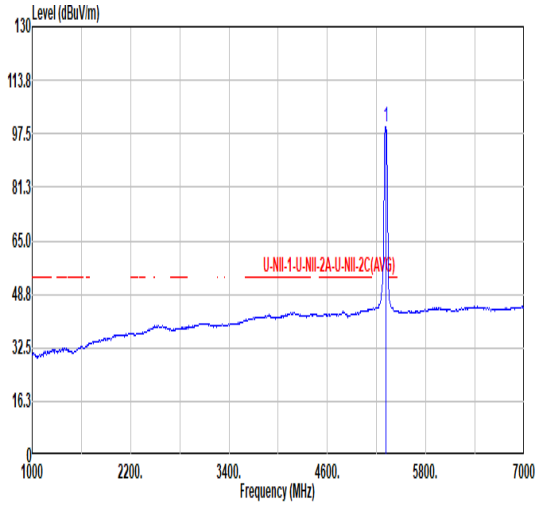
Mode	20	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_5190MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10380.00 44.37 68.20 -23.83 53.65 37.48 14.14 60.90 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 10380.00 44.77 68.20 -23.43 54.05 37.48 14.14 60.90 0.00 --- --- PEAK

Mode	21	
	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 44.55 68.20 -23.65 53.62 37.62 14.20 60.89 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 10460.00 45.22 68.20 -22.98 54.29 37.62 14.20 60.89 0.00 --- --- PEAK

Mode	22	
	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	45.73	68.20	-22.47	54.59	37.78	14.25	60.89	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	10540.00	46.66	68.20	-21.54	55.52	37.78	14.25	60.89	0.00	---	---	PEAK

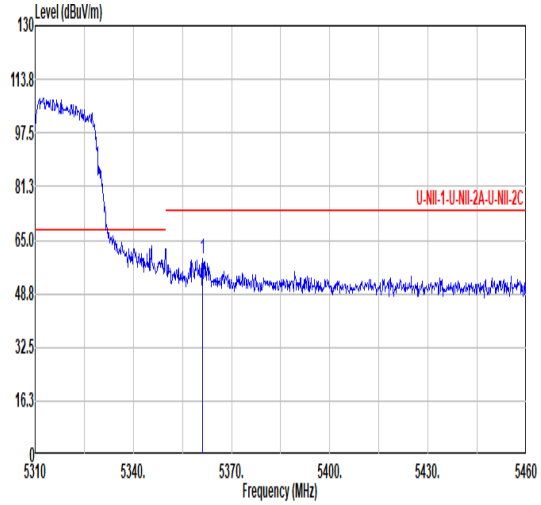
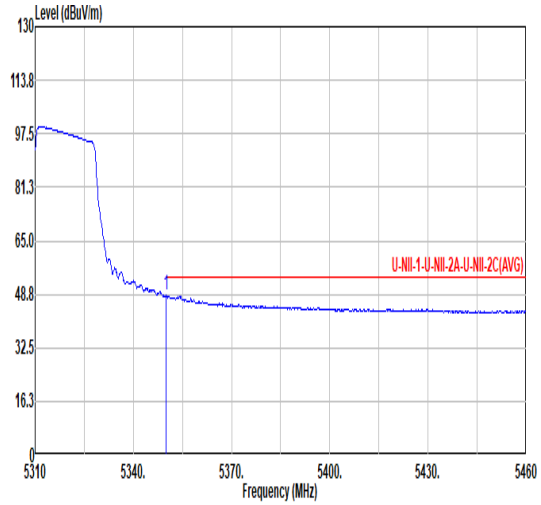
Mode	23	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

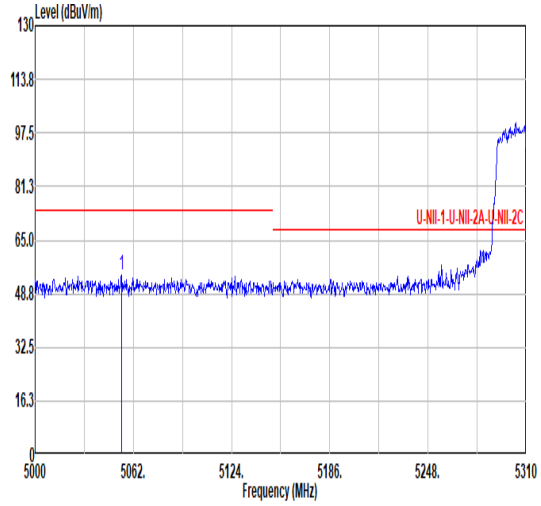
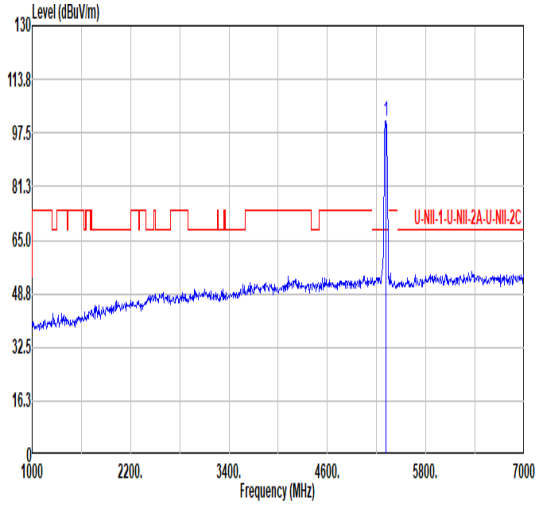
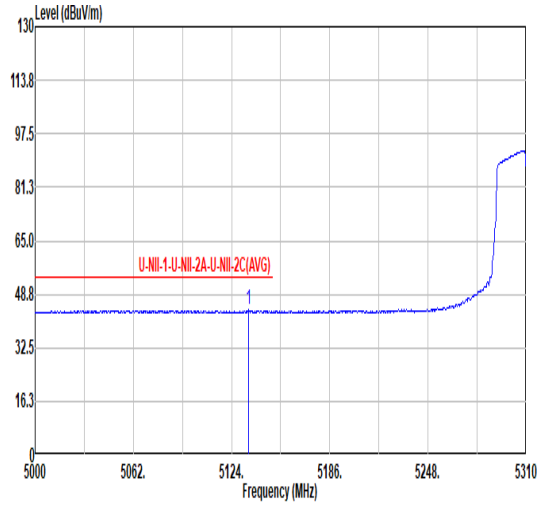
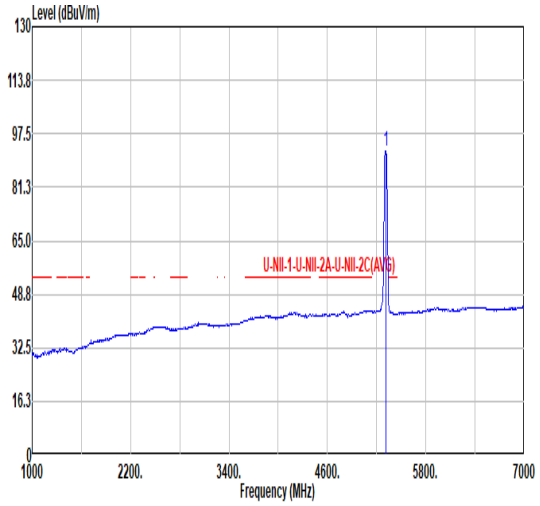
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5045.26	55.83	74.00	-18.17	43.69	34.19	9.69	31.74	0.00	141	199	PEAK

	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	108.15	------	------	95.59	34.57	9.89	31.90	0.00	141	199	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	5137.02	44.38	54.00	-9.62	32.20	34.20	9.78	31.80	0.00	141	199	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	99.73	------	------	87.17	34.57	9.89	31.90	0.00	141	199	AVERAGE

Mode	23	
	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 5361.15 59.50 74.00 -14.50 46.97 34.54 9.92 31.93 0.00 141 199 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 5350.05 48.36 54.00 -5.64 35.87 34.50 9.91 31.92 0.00 141 199 AVERAGE	Blank

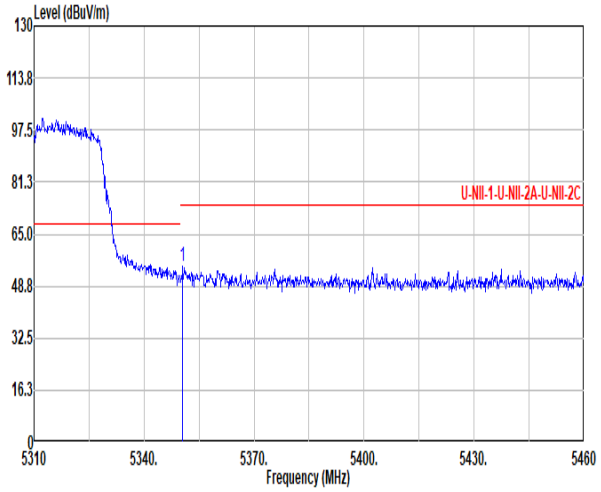
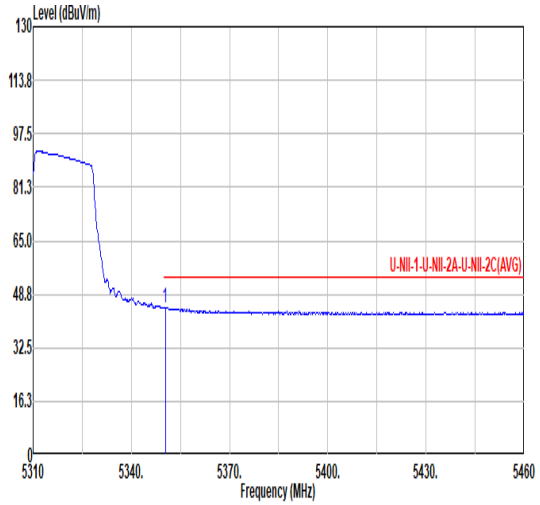
Mode	23	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

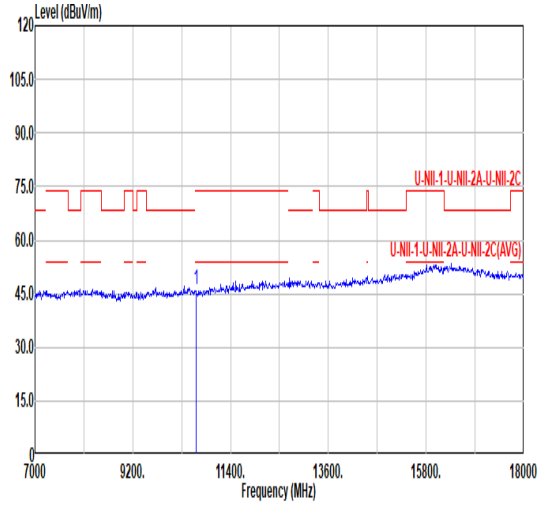
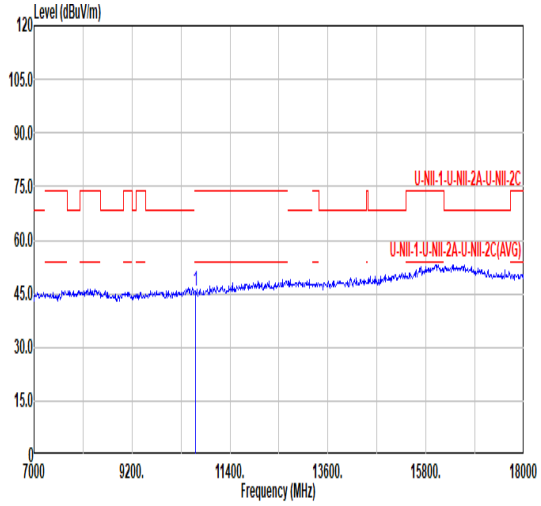
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5054.56	54.22	74.00	-19.78	42.07	34.20	9.70	31.75	0.00	100	264	PEAK

	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	101.15	------	------	88.59	34.57	9.89	31.90	0.00	100	264	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	5134.85	43.99	54.00	-10.01	31.81	34.20	9.77	31.79	0.00	100	264	AVERAGE

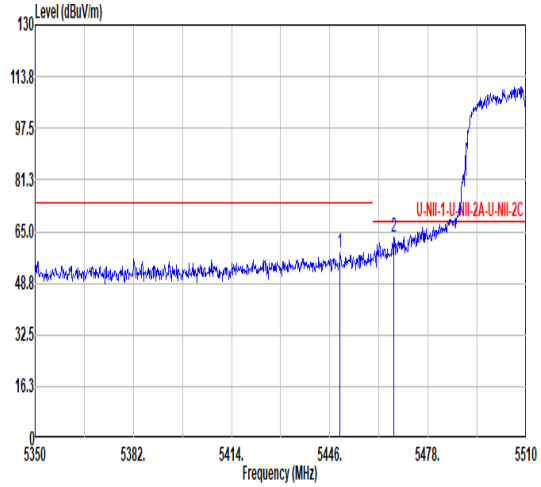
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5310.00	92.33	------	------	79.76	34.58	9.89	31.90	0.00	100	264	AVERAGE

Mode	23	
	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 5350.50 54.87 74.00 -19.13 42.38 34.50 9.91 31.92 0.00 100 264 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 5350.35 44.72 54.00 -9.28 32.23 34.50 9.91 31.92 0.00 100 264 AVERAGE	Blank

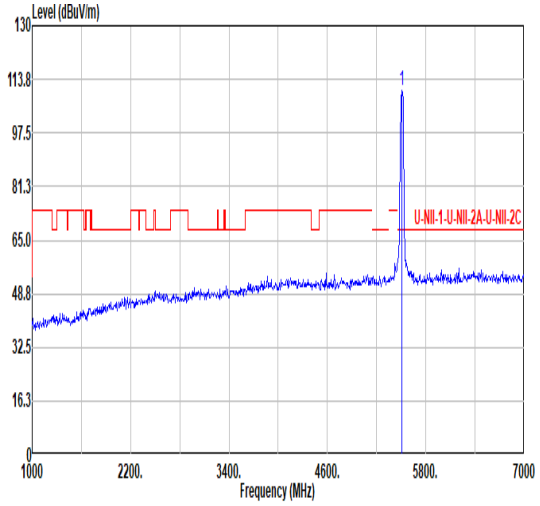
Mode	23	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_5310MHz	
Pol.	Horizontal	Vertical
Peak Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10620.00 46.38 74.00 -27.62 55.06 37.90 14.31 60.89 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 10620.00 45.93 74.00 -28.07 54.61 37.90 14.31 60.89 0.00 --- --- PEAK

Mode	24	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
Pol.	Horizontal	Fundamental

Peak

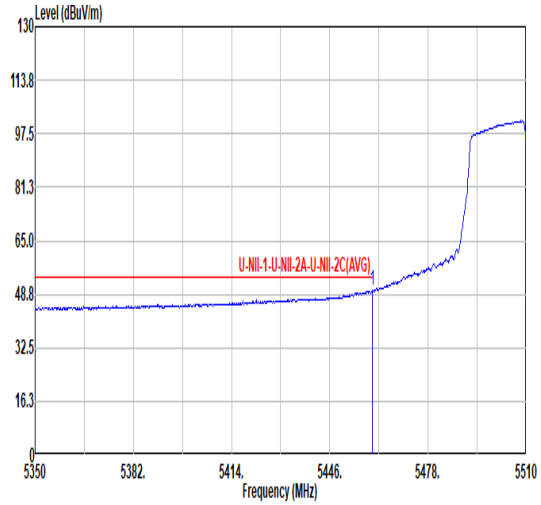


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5449.36	58.24	74.00	-15.76	45.51	34.70	10.01	31.98	0.00	100	218	PEAK
2	5466.96	63.13	68.20	-5.07	50.38	34.70	10.04	31.99	0.00	100	218	PEAK

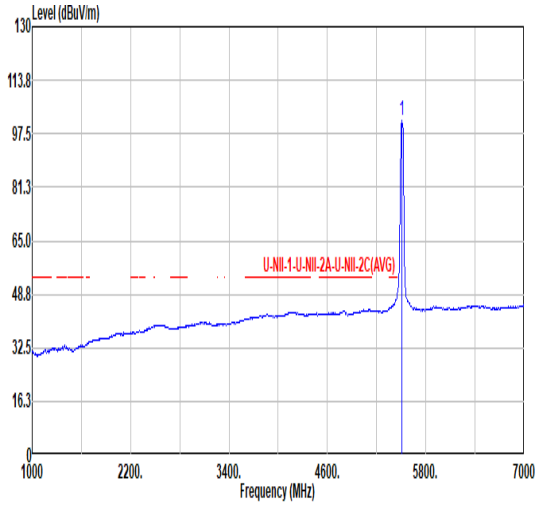


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	110.59	------	------	97.82	34.68	10.11	32.02	0.00	100	218	PEAK

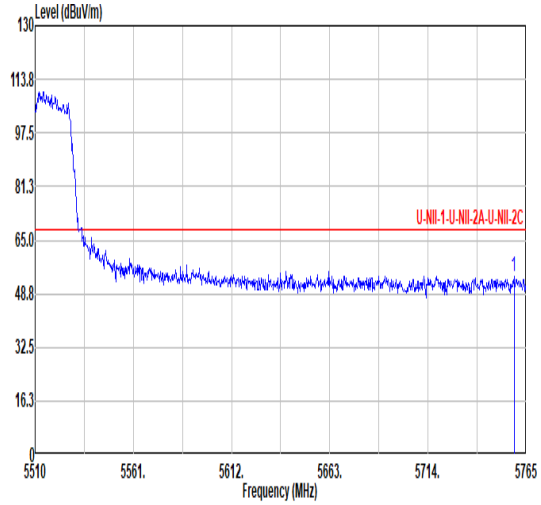
Avg



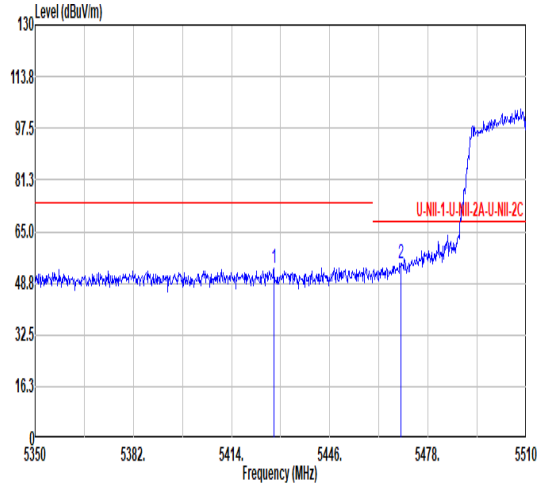
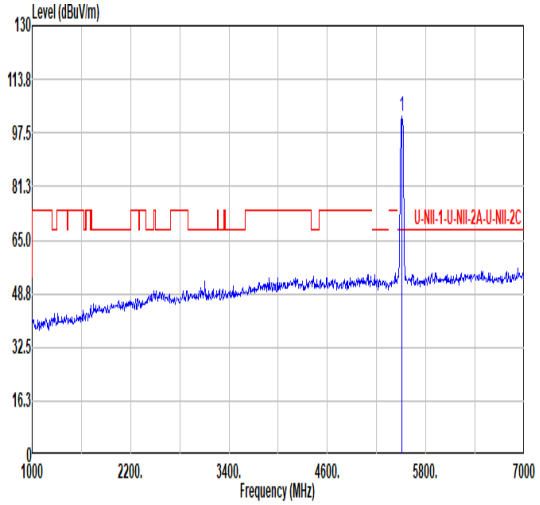
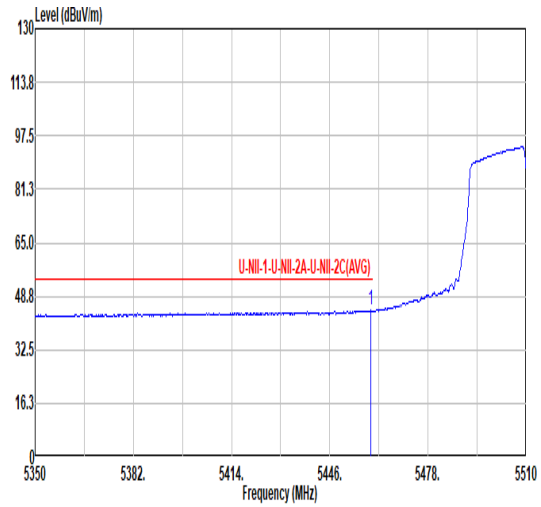
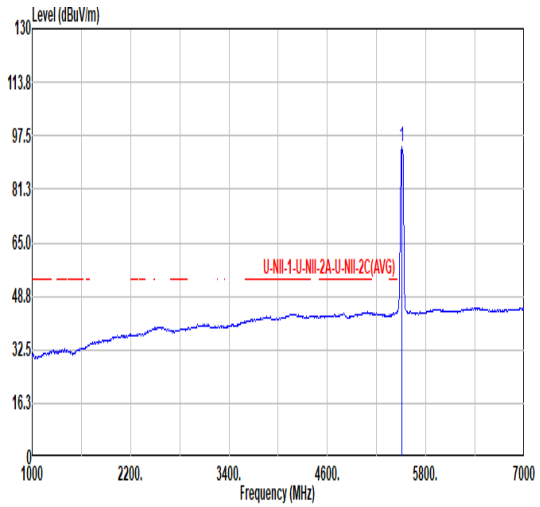
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.92	49.83	54.00	-4.17	37.09	34.70	10.03	31.99	0.00	100	218	AVERAGE

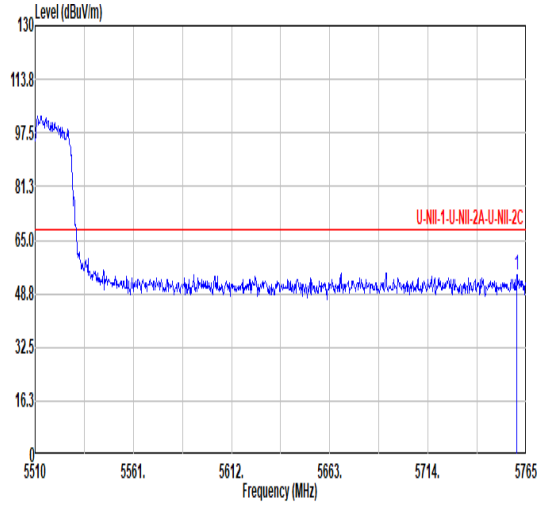


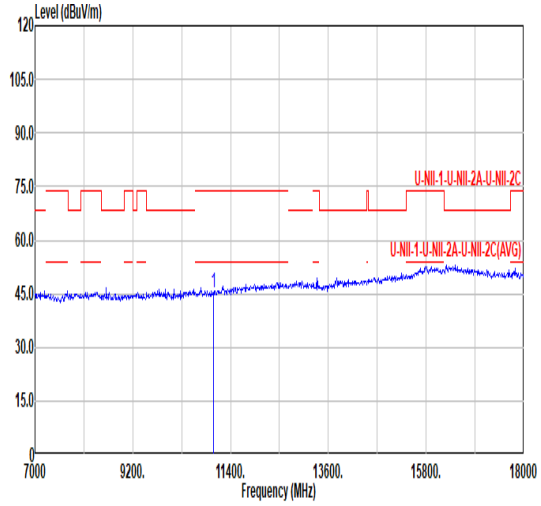
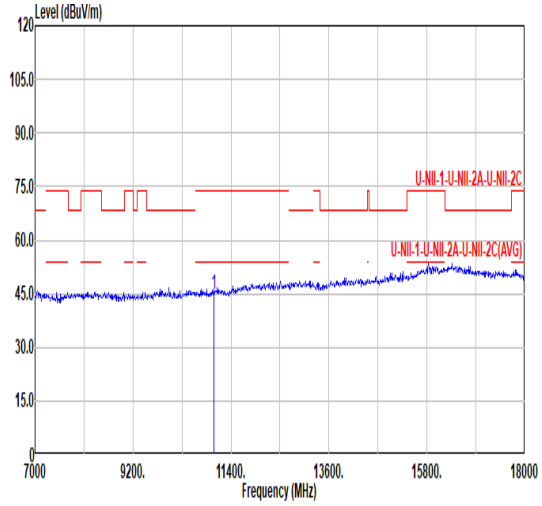
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	101.31	------	------	88.54	34.68	10.11	32.02	0.00	100	218	AVERAGE

Mode	24	
	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	5758.63	53.84	68.20	-14.36	40.85	34.62	10.37	32.00	0.00	100	218	PEAK

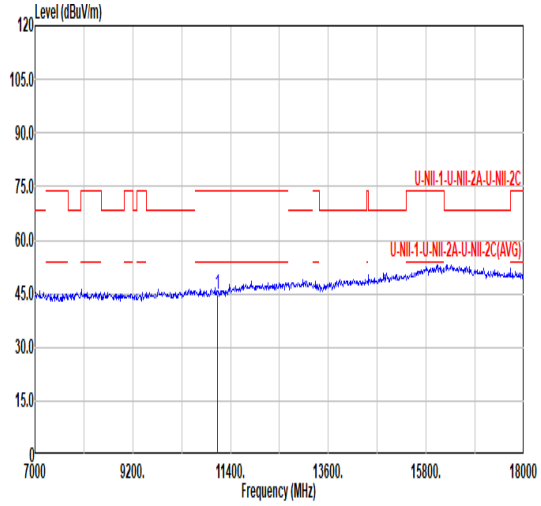
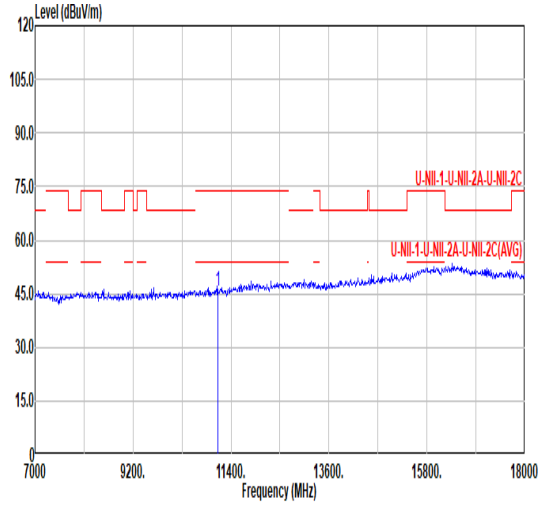
Mode	24	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
Pol.	**Vertical**	**Fundamental**
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5427.76 53.66 74.00 -20.34 40.95 34.70 9.98 31.97 0.00 356 239 PEAK 2 5469.20 55.12 68.20 -13.08 42.38 34.70 10.04 32.00 0.00 356 239 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 5510.00 102.57 ------ ------ 89.80 34.69 10.10 32.02 0.00 356 239 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 5459.28 44.46 54.00 -9.54 31.72 34.70 10.03 31.99 0.00 356 239 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 93.96 ------ ------ 81.19 34.68 10.11 32.02 0.00 356 239 AVERAGE

Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_5510MHz	
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 5760.16 54.47 68.20 -13.73 41.48 34.62 10.37 32.00 0.00 356 239 PEAK	Blank

Mode	24	
	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	45.22	74.00	-28.78	53.52	38.00	14.58	60.88	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	11020.00	44.92	74.00	-29.08	53.22	38.00	14.58	60.88	0.00	---	---	PEAK

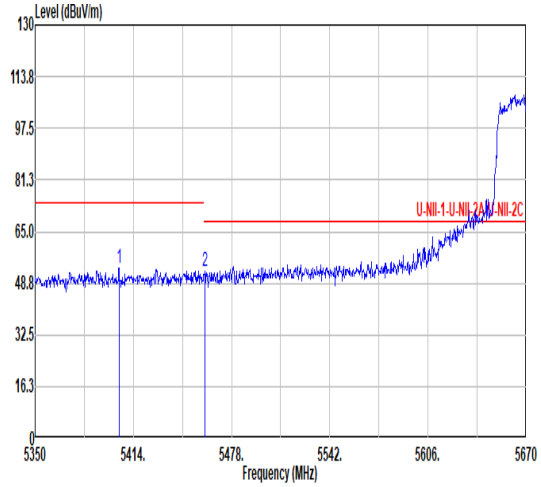
Mode	25	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110_5550MHz	
Pol.	Horizontal	Vertical
Peak Avg		

	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	44.93	74.00	-29.07	53.17	38.00	14.63	60.87	0.00	---	---	PEAK

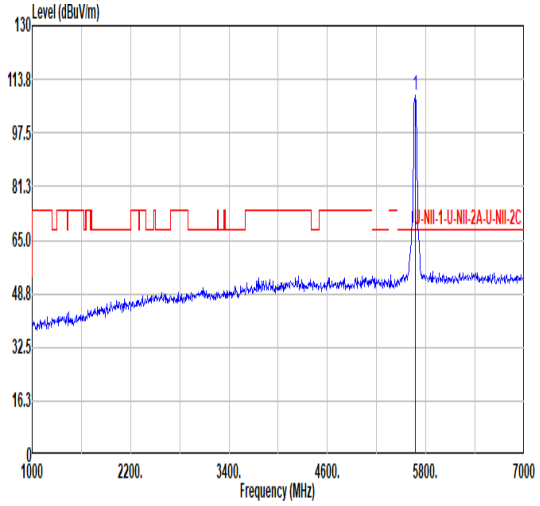
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11100.00	45.65	74.00	-28.35	53.89	38.00	14.63	60.87	0.00	---	---	PEAK

Mode	26	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
Pol.	Horizontal	Fundamental

Peak

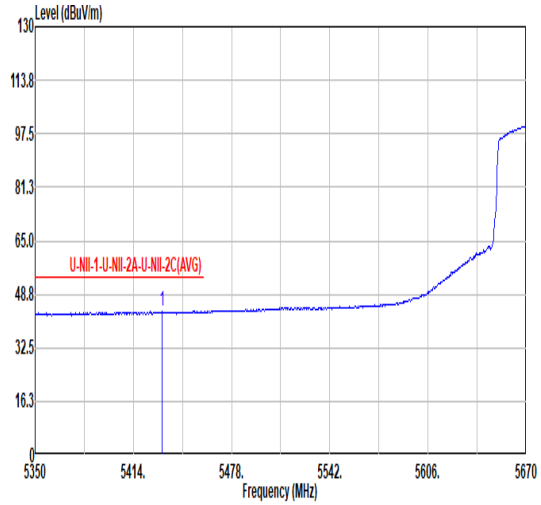


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5404.72	53.47	74.00	-20.53	40.79	34.70	9.94	31.96	0.00	100	226	PEAK
2	5460.72	52.32	68.20	-15.88	39.58	34.70	10.03	31.99	0.00	100	226	PEAK

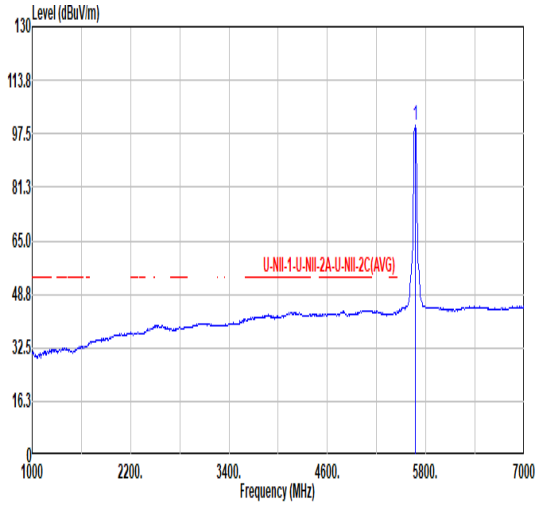


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5670.00	108.69	------	------	95.81	34.65	10.30	32.07	0.00	100	226	PEAK

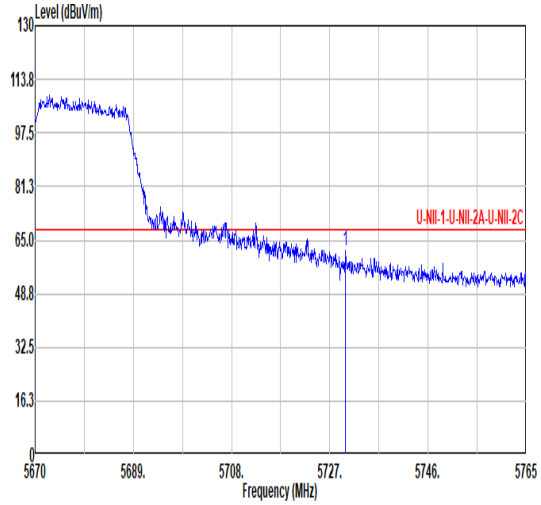
Avg



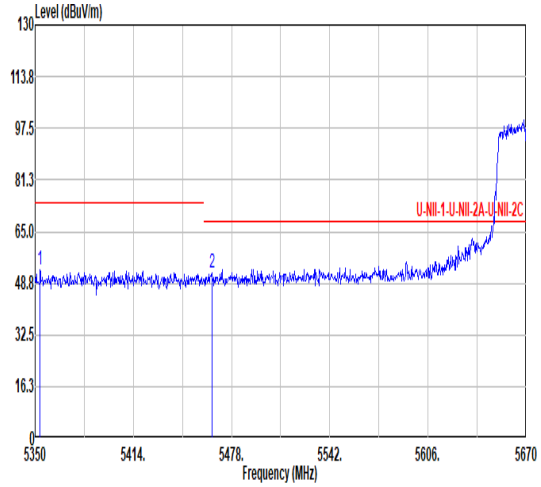
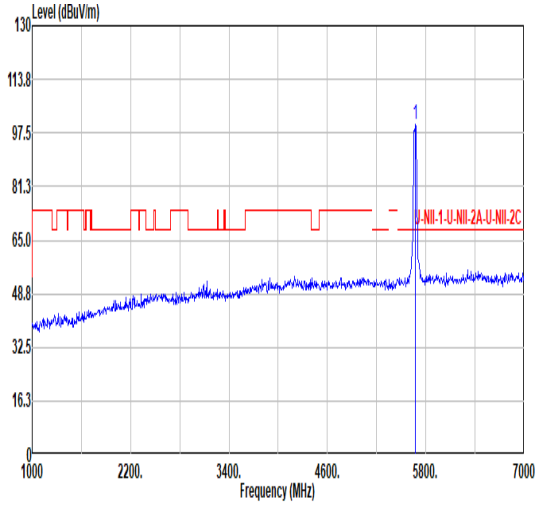
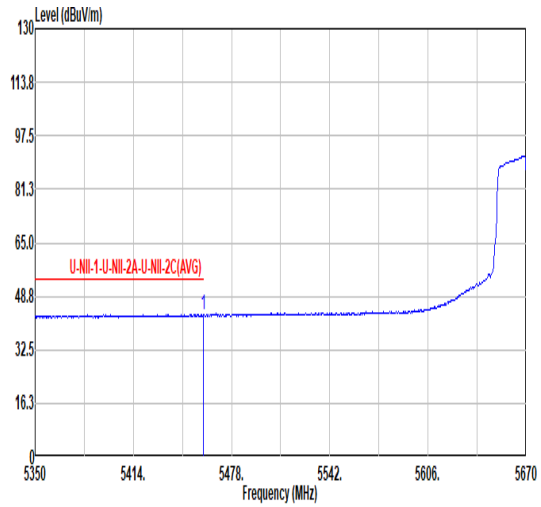
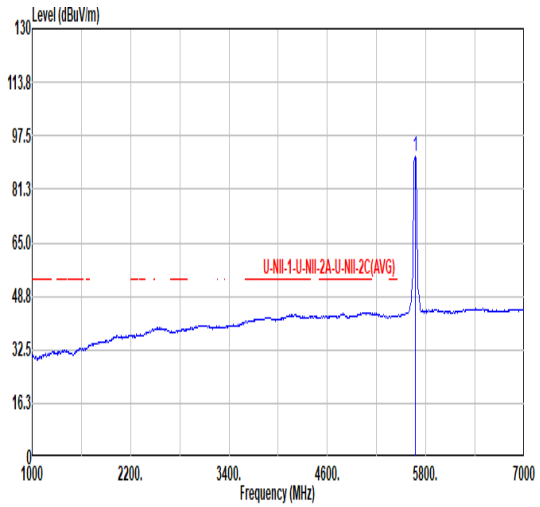
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5432.56	43.58	54.00	-10.42	30.87	34.70	9.98	31.97	0.00	100	226	AVERAGE



	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	99.84	------	------	86.96	34.65	10.30	32.07	0.00	100	226	AVERAGE

Mode	26	
	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	5730.04	62.04	68.20	-6.16	49.08	34.64	10.35	32.03	0.00	100	226	PEAK

Mode	26	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
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 5353.20 52.76 74.00 -21.24 40.27 34.51 9.91 31.93 0.00 100 273 PEAK 2 5465.20 51.82 68.20 -16.38 39.08 34.70 10.03 31.99 0.00 100 273 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 5670.00 100.25 ------ ------ 87.37 34.65 10.30 32.07 0.00 100 273 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 5459.76 43.33 54.00 -10.67 30.59 34.70 10.03 31.99 0.00 100 273 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 91.47 ------ ------ 78.59 34.65 10.30 32.07 0.00 100 273 AVERAGE

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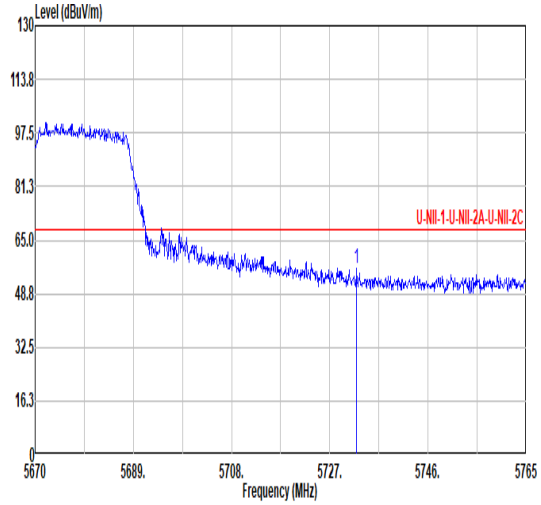
<tr><td rowspan="3">Mode</td><td colspan="2">26</td></tr>
<tr><td colspan="2">Band Edge - R</td></tr>
<tr><td colspan="2">U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz</td></tr>
<tr><td>Pol.</td><td>Vertical</td><td>Fundamental</td></tr>
<tr><td>Peak</td><td>


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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>5732.23</td><td>56.40</td><td>68.20</td><td>-11.80</td><td>43.43</td><td>34.64</td><td>10.35</td><td>32.02</td><td>0.00</td><td>100</td><td>273</td><td>PEAK</td></tr>
</table>
</td><td>Blank</td></tr>
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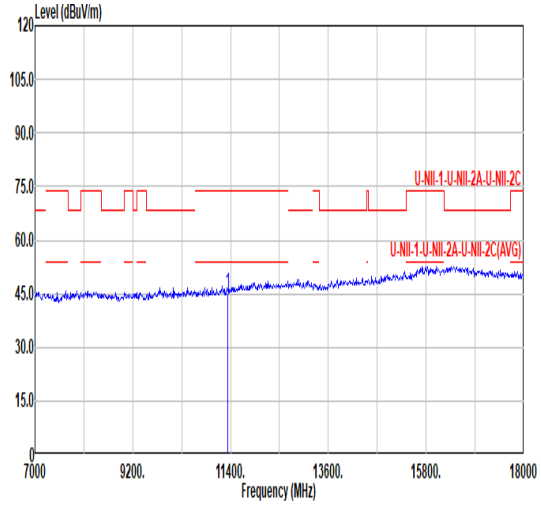
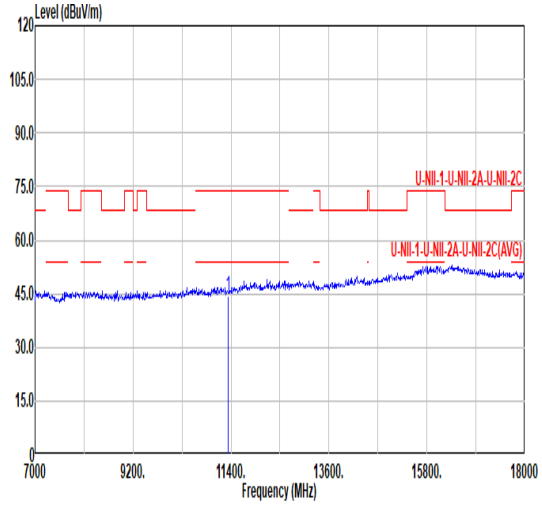
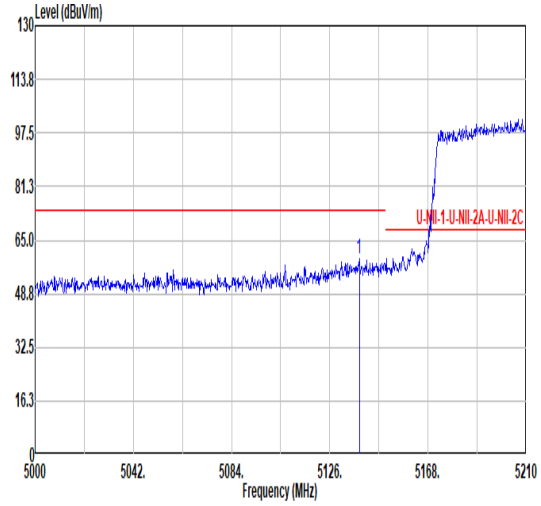
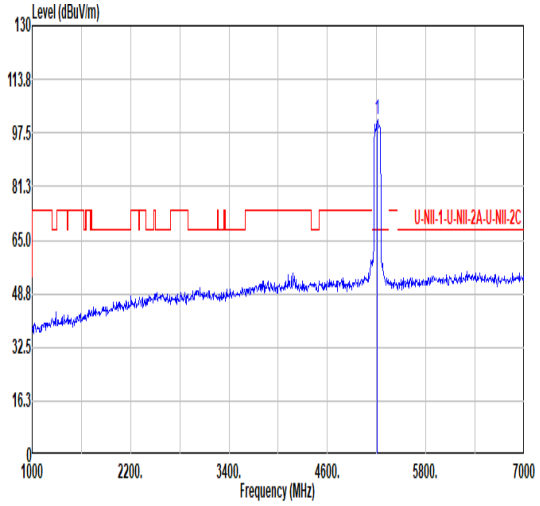
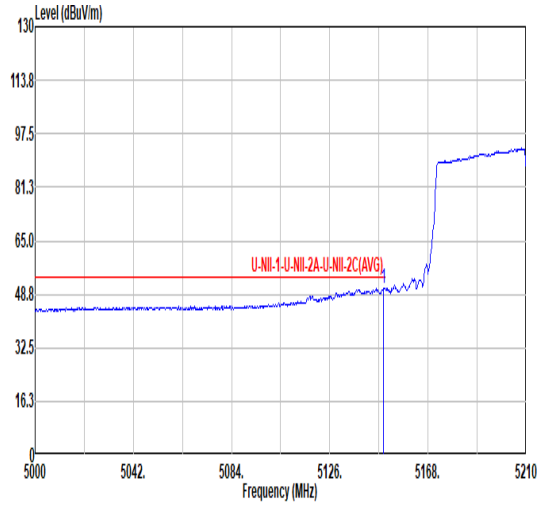
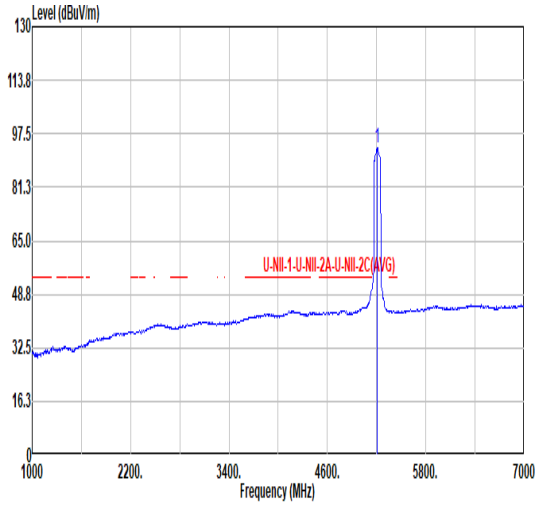
Mode	26	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_5670MHz	
Pol.	Horizontal	Vertical
Peak Avg		

	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	45.38	74.00	-28.62	53.31	38.14	14.80	60.87	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	11340.00	44.19	74.00	-29.81	52.12	38.14	14.80	60.87	0.00	---	---	PEAK

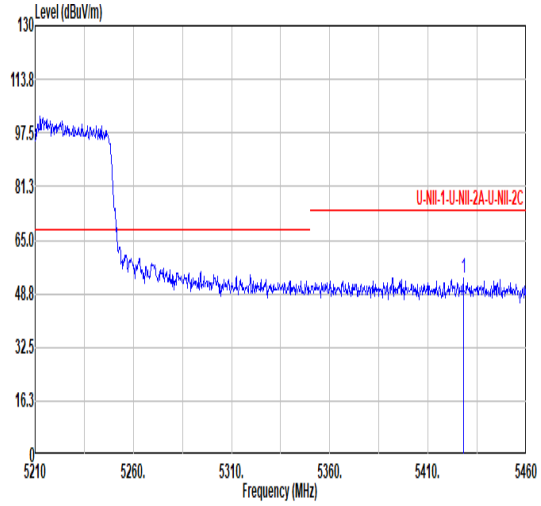
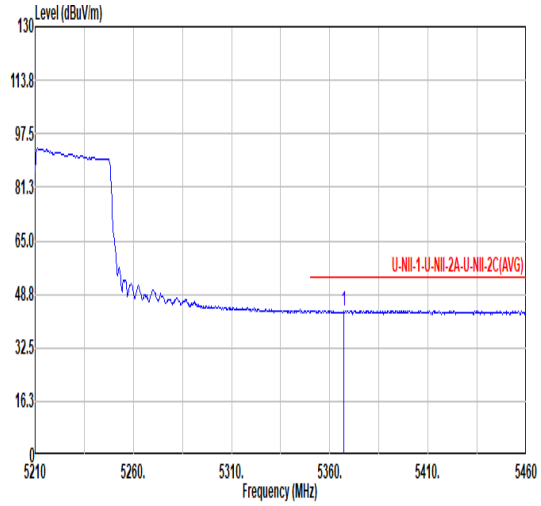
Mode	27	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

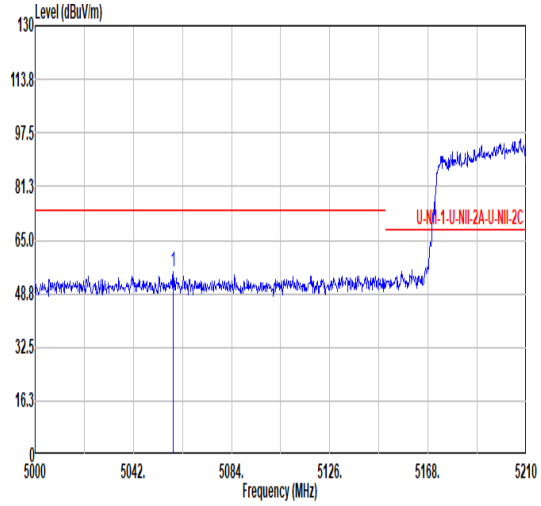
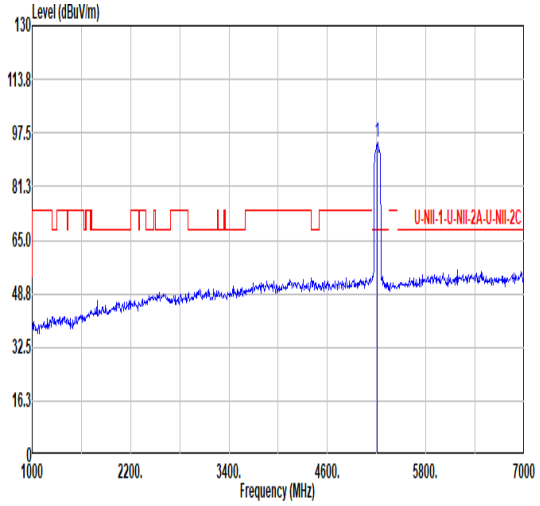
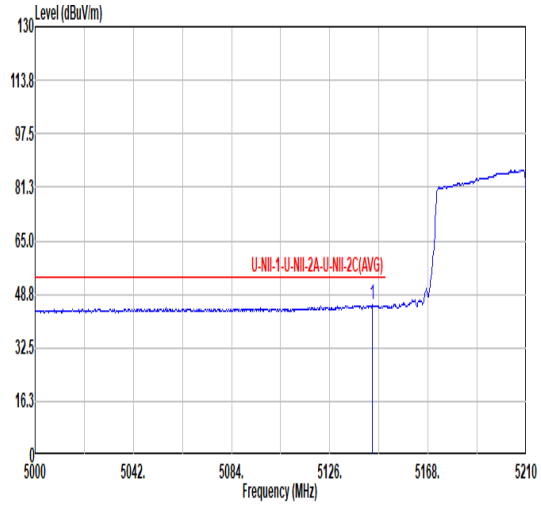
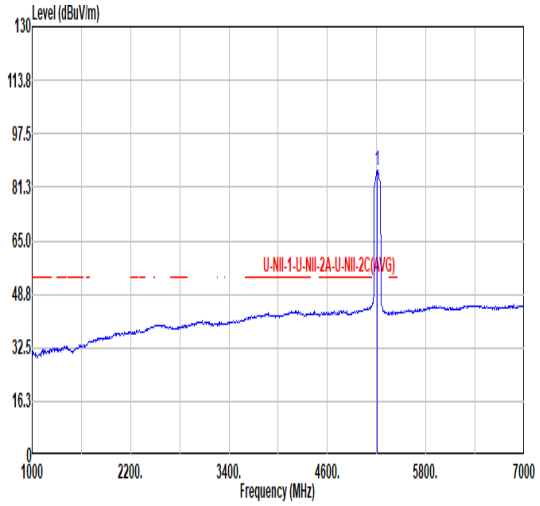
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5138.60	59.44	74.00	-14.56	47.26	34.20	9.78	31.80	0.00	100	214	PEAK

	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	101.56	------	------	89.16	34.40	9.84	31.84	0.00	100	214	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	5148.89	50.39	54.00	-3.61	38.20	34.20	9.79	31.80	0.00	100	214	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	93.04	------	------	80.64	34.40	9.84	31.84	0.00	100	214	AVERAGE

Mode	27	
	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 5428.00 53.62 74.00 -20.38 40.91 34.70 9.98 31.97 0.00 100 214 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 5367.00 43.82 54.00 -10.18 31.26 34.57 9.92 31.93 0.00 100 214 AVERAGE	Blank

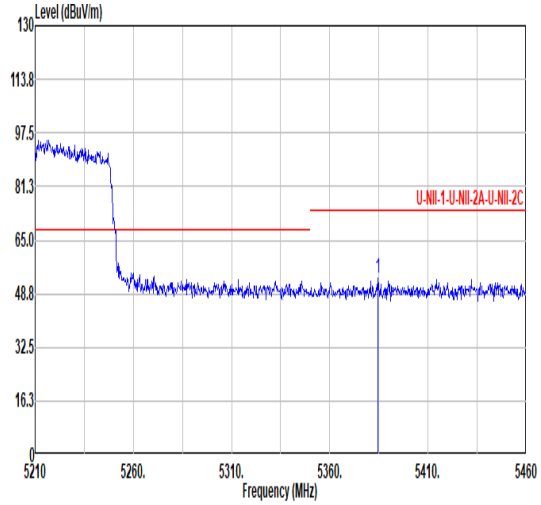
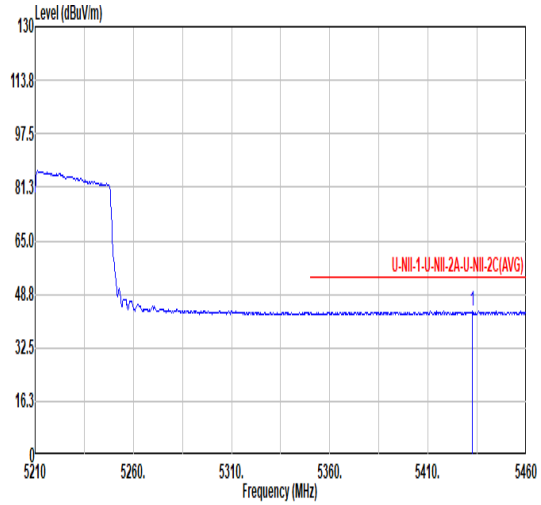
Mode	27	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

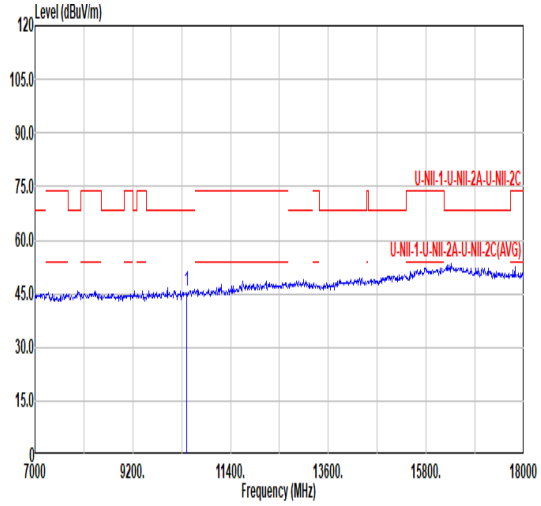
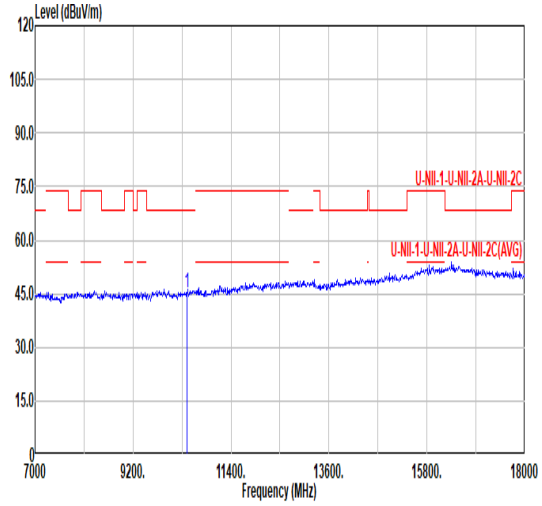
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5059.01	55.65	74.00	-18.35	43.49	34.20	9.71	31.75	0.00	267	332	PEAK

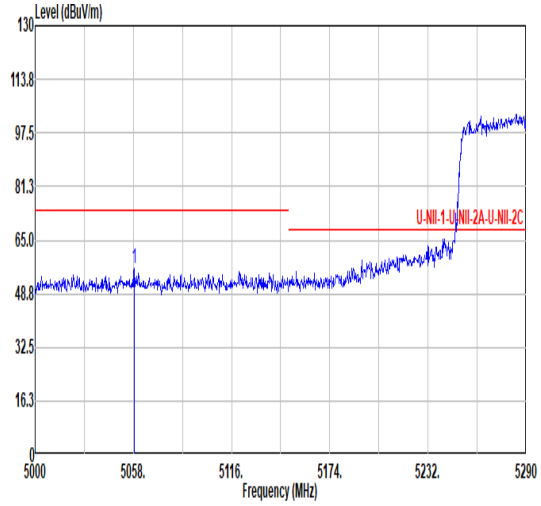
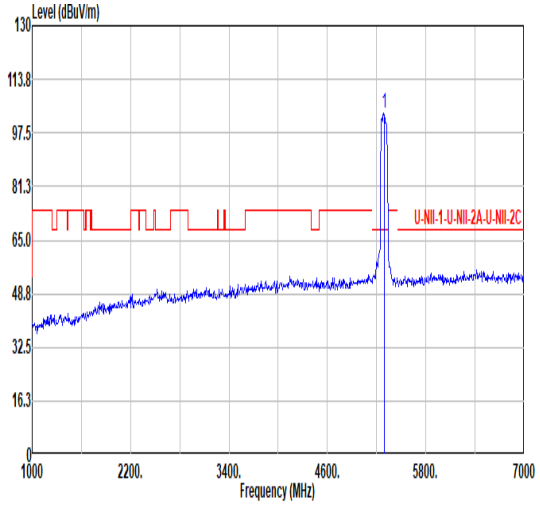
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	94.82	------	------	82.42	34.40	9.84	31.84	0.00	267	332	PEAK

	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	5144.06	45.48	54.00	-8.52	33.30	34.20	9.78	31.80	0.00	267	332	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	86.35	------	------	73.96	34.40	9.83	31.84	0.00	267	332	AVERAGE

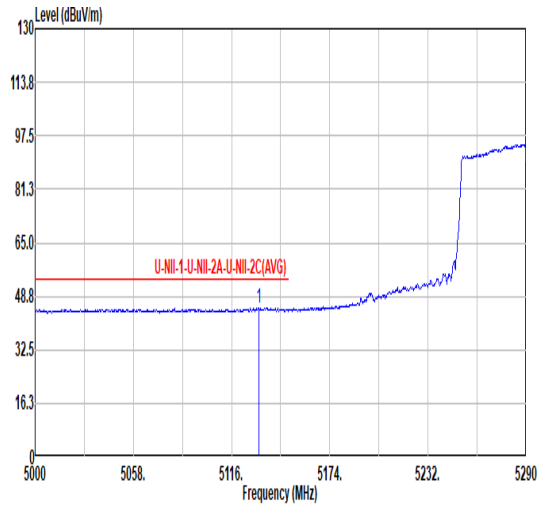
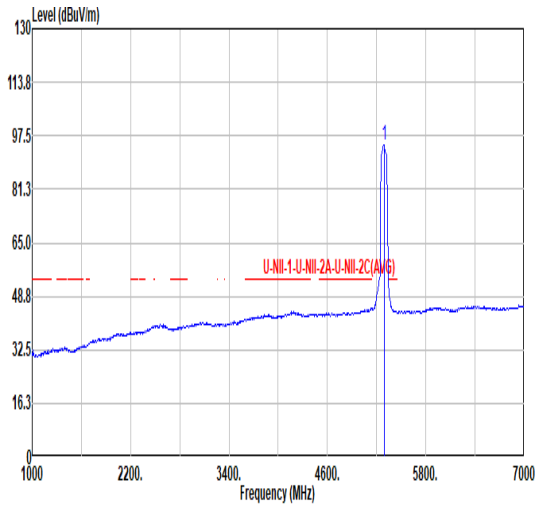
Mode	27	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5384.50 53.63 74.00 -20.37 41.00 34.64 9.93 31.94 0.00 267 332 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 5432.50 43.69 54.00 -10.31 30.98 34.70 9.98 31.97 0.00 267 332 AVERAGE	Blank

Mode	27	
	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 45.58 68.20 -22.62 54.77 37.54 14.17 60.90 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 10420.00 45.50 68.20 -22.70 54.69 37.54 14.17 60.90 0.00 --- --- PEAK

Mode	28	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Horizontal	Fundamental
Peak		

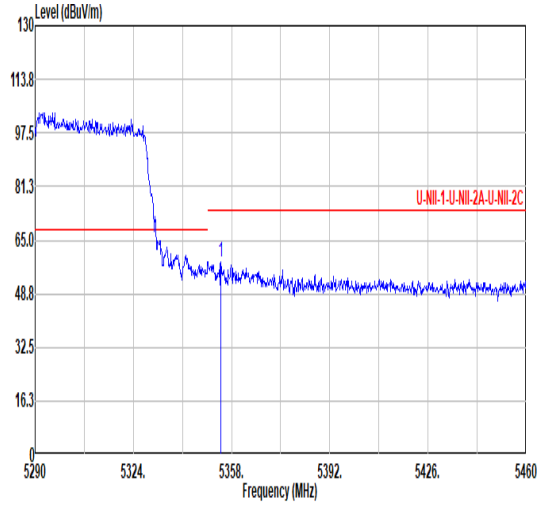
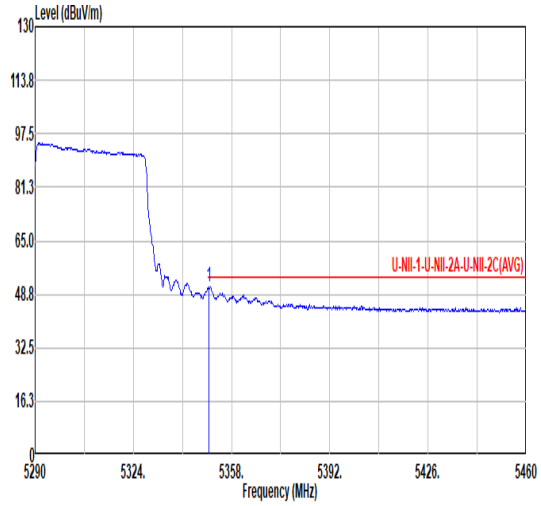
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5058.58	56.18	74.00	-17.82	44.02	34.20	9.71	31.75	0.00	114	200	PEAK

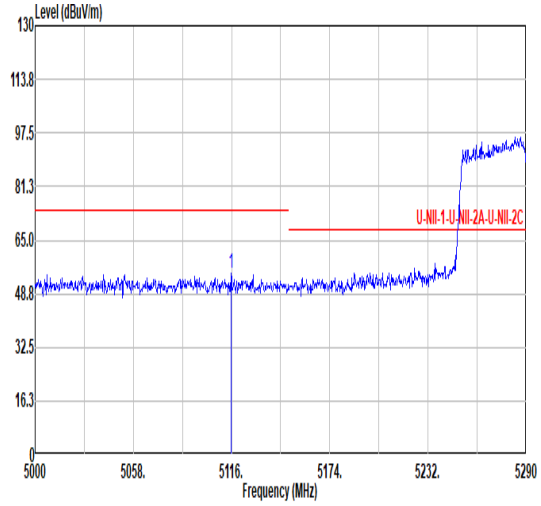
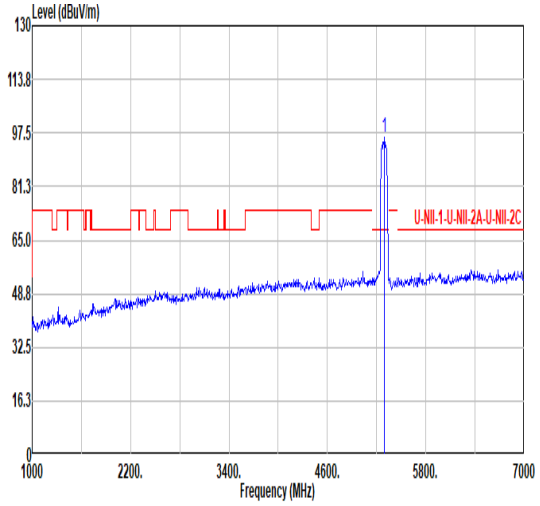
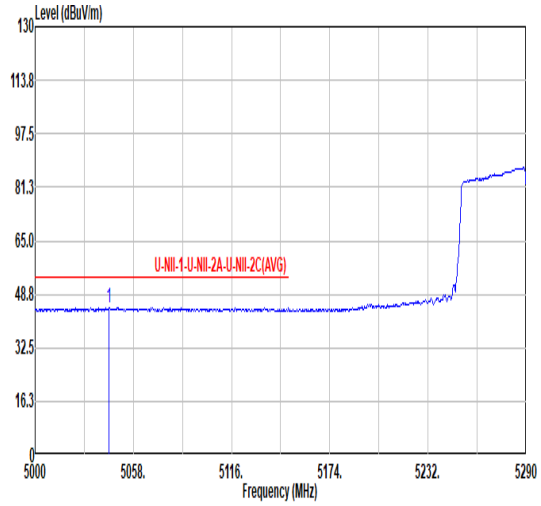
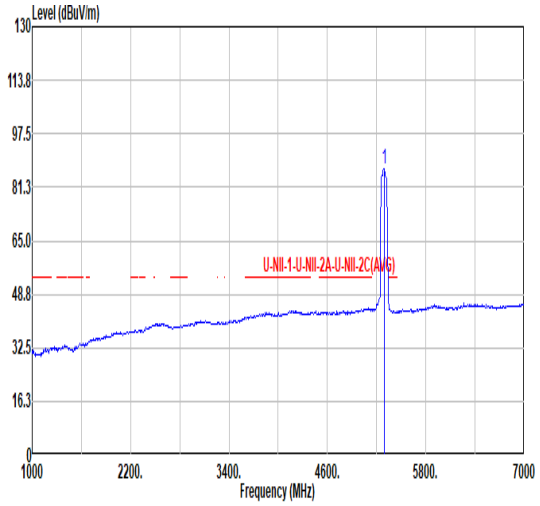
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5290.00	103.48	------	------	90.94	34.54	9.88	31.88	0.00	114	200	PEAK

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	5131.95	45.20	54.00	-8.80	33.02	34.20	9.77	31.79	0.00	114	200	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	94.53	------	------	81.98	34.56	9.88	31.89	0.00	114	200	AVERAGE

Mode	28	
	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 5354.26 58.26 74.00 -15.74 45.76 34.52 9.91 31.93 0.00 114 200 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 50.91 54.00 -3.09 38.42 34.50 9.91 31.92 0.00 114 200 AVERAGE	Blank

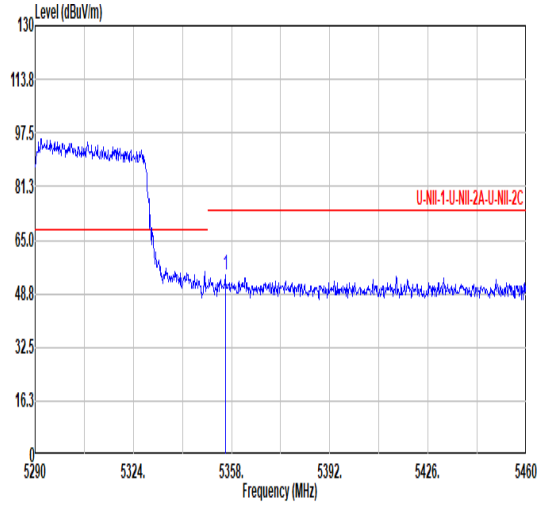
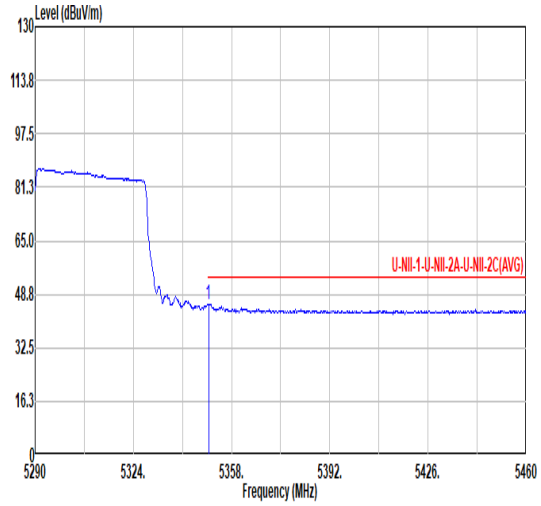
Mode	28	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

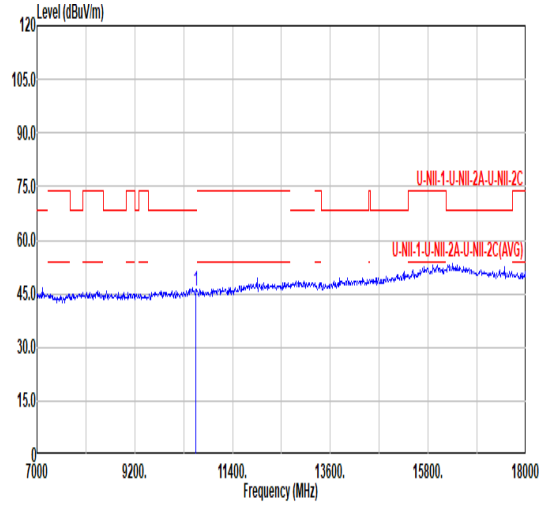
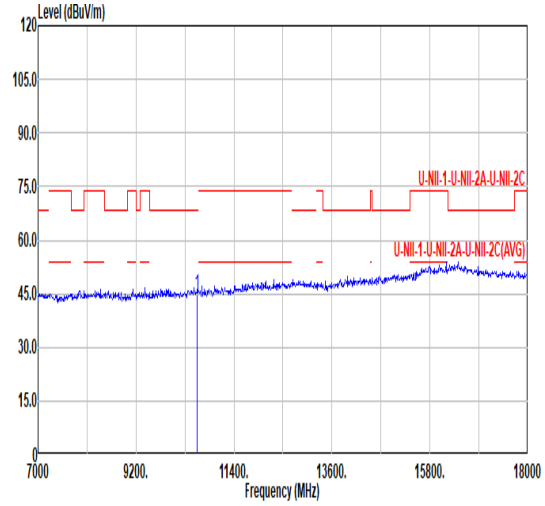
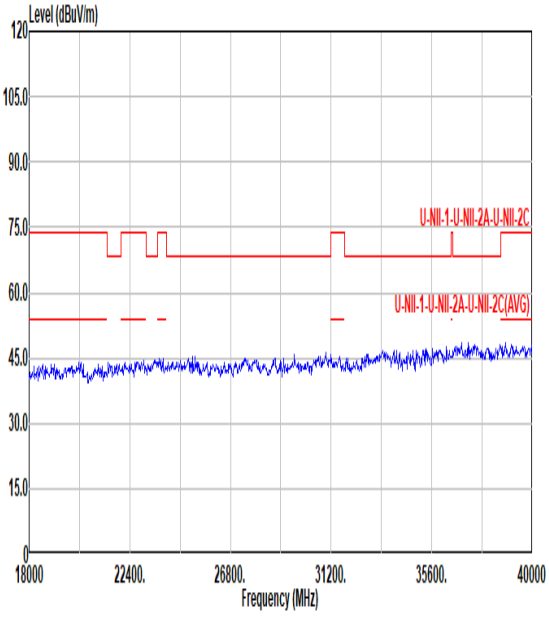
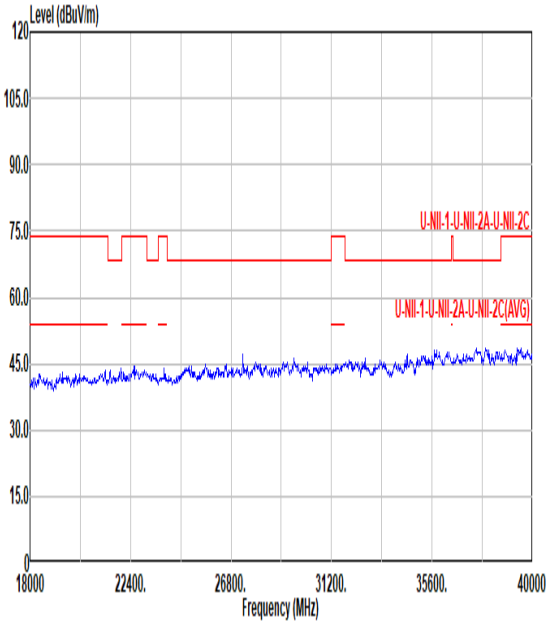
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5115.71	54.86	74.00	-19.14	42.68	34.20	9.76	31.78	0.00	100	265	PEAK

	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	5290.00	96.11	------	------	83.54	34.58	9.88	31.89	0.00	100	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	5043.50	44.70	54.00	-9.30	32.56	34.19	9.69	31.74	0.00	100	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	5290.00	87.07	------	------	74.52	34.56	9.88	31.89	0.00	100	265	AVERAGE

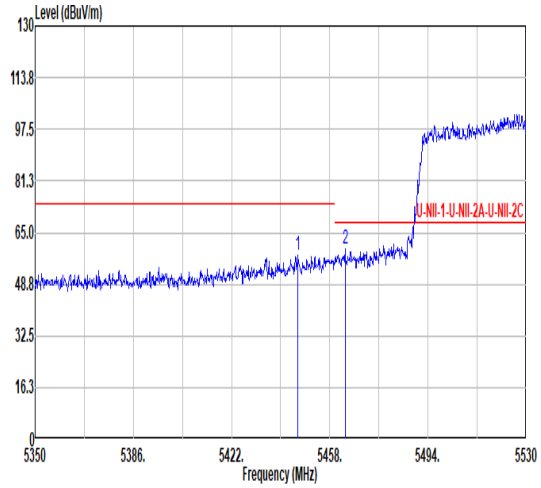
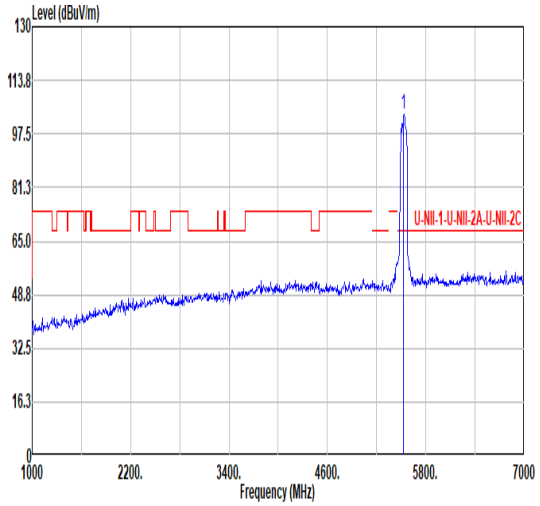
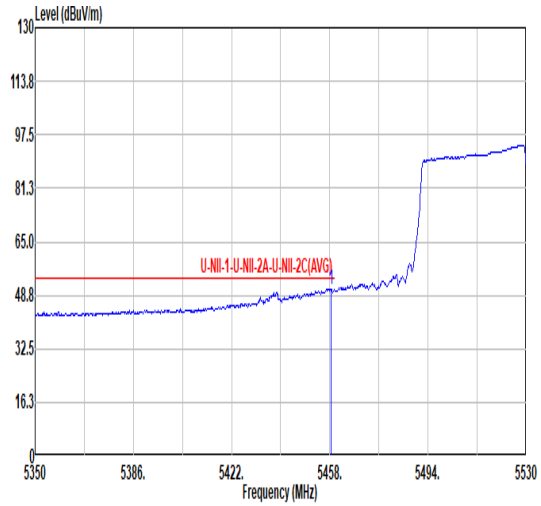
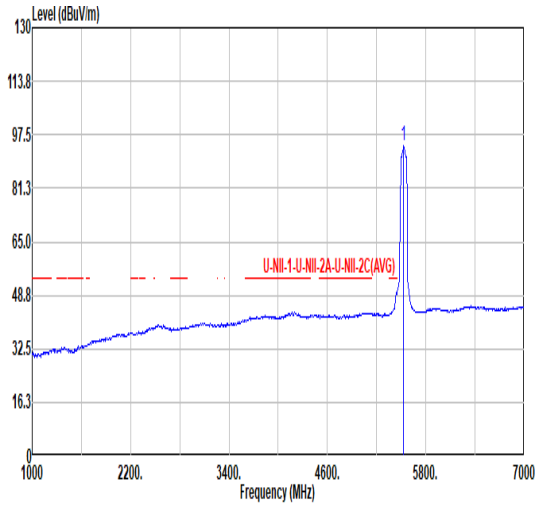
Mode	28	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5355.79 54.59 74.00 -19.41 42.09 34.52 9.91 31.93 0.00 100 265 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 5350.01 45.83 54.00 -8.17 33.34 34.50 9.91 31.92 0.00 100 265 AVERAGE	Blank

Mode	28	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Horizontal	Vertical
Peak Avg		
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	45.55	68.20	-22.65	54.30	37.86	14.28	60.89	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	10580.00	44.76	68.20	-23.44	53.51	37.86	14.28	60.89	0.00	---	---	PEAK

Note: Only the worst case has assessed 18G ~40GHz to test.

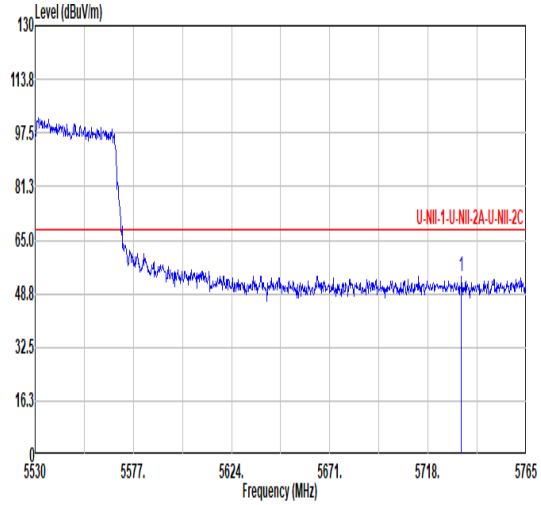
Mode	29	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5446.30	57.96	74.00	-16.04	45.23	34.70	10.01	31.98	0.00	127	202	PEAK
2	5463.58	59.63	68.20	-8.57	46.89	34.70	10.03	31.99	0.00	127	202	PEAK

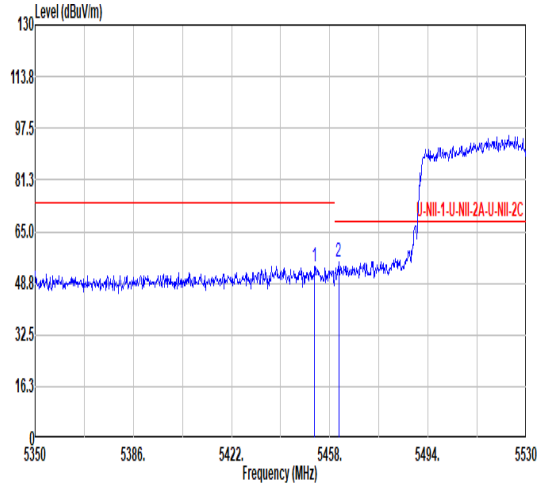
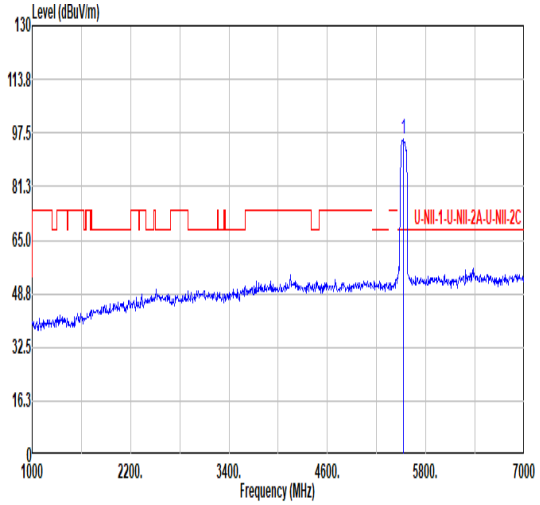
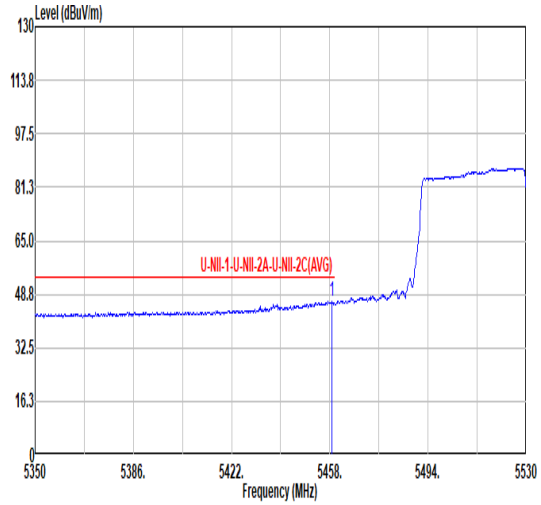
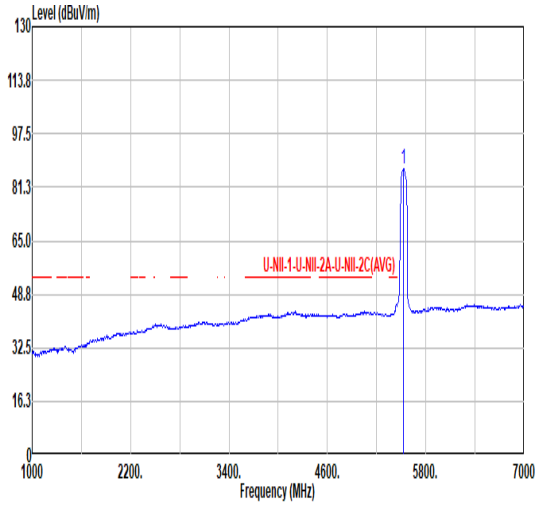
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	103.30	------	------	90.57	34.63	10.14	32.04	0.00	127	202	PEAK

	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	5458.36	50.77	54.00	-3.23	38.04	34.70	10.02	31.99	0.00	127	202	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	94.18	------	------	81.44	34.64	10.13	32.03	0.00	127	202	AVERAGE

Mode	29	
	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	5733.98	53.83	68.20	-14.37	40.87	34.63	10.35	32.02	0.00	127	202	PEAK

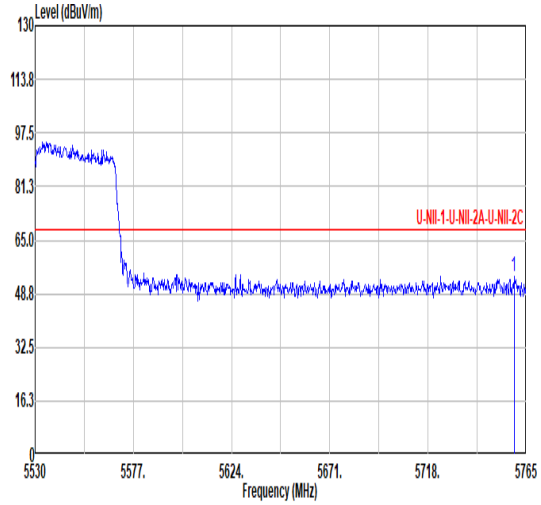
Mode	29	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5452.42	53.88	74.00	-20.12	41.15	34.70	10.02	31.99	0.00	100	268	PEAK
2	5461.24	55.26	68.20	-12.94	42.52	34.70	10.03	31.99	0.00	100	268	PEAK

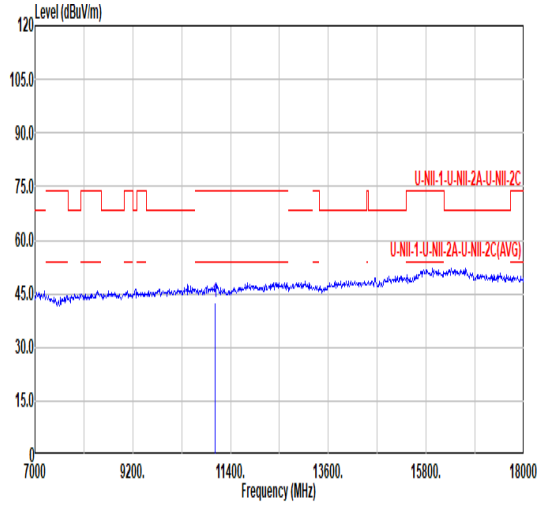
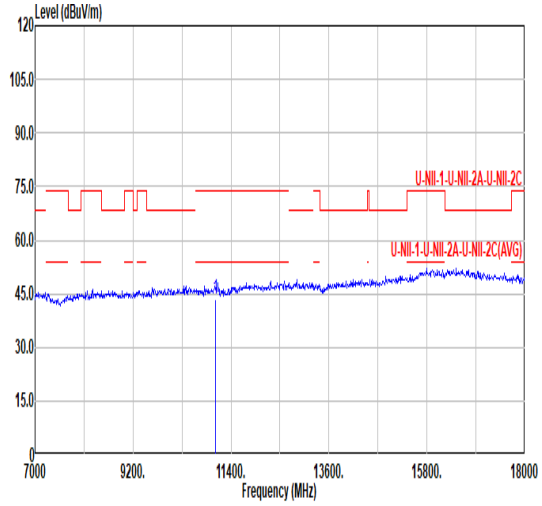
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	95.66	------	------	82.92	34.65	10.12	32.03	0.00	100	268	PEAK

	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	5458.72	46.69	54.00	-7.31	33.96	34.70	10.02	31.99	0.00	100	268	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	87.03	------	------	74.29	34.64	10.13	32.03	0.00	100	268	AVERAGE

Mode	29	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
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	5759.13	54.08	68.20	-14.12	41.09	34.62	10.37	32.00	0.00	100	268	PEAK

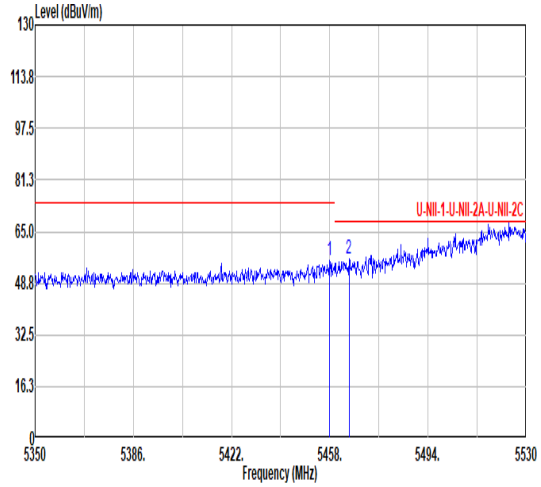
Mode	29	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_5530MHz	
Pol.	Horizontal	Vertical
Peak Avg		

	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	42.71	74.00	-31.29	50.97	38.00	14.61	60.87	0.00	---	---	PEAK

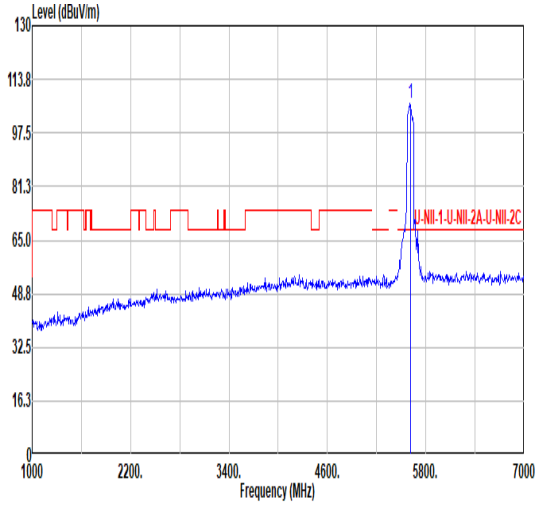
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11060.00	43.67	74.00	-30.33	51.93	38.00	14.61	60.87	0.00	---	---	PEAK

Mode	30	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
Pol.	Horizontal	Fundamental

Peak

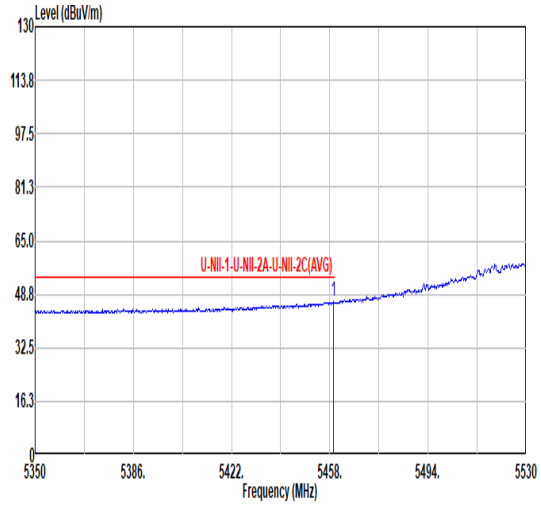


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.00	55.75	74.00	-18.25	43.02	34.70	10.02	31.99	0.00	100	198	PEAK
2	5465.02	56.23	68.20	-11.97	43.49	34.70	10.03	31.99	0.00	100	198	PEAK

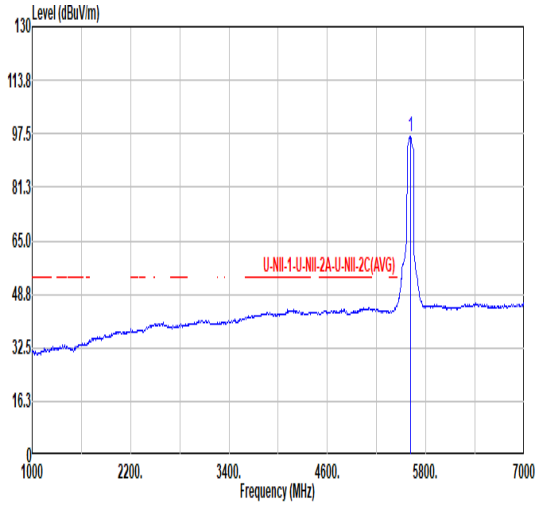


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	106.27	------	------	93.41	34.70	10.24	32.08	0.00	100	198	PEAK

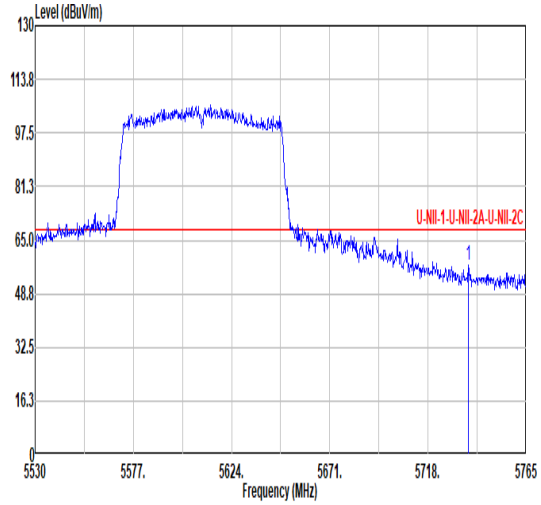
Avg



	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	5459.26	46.38	54.00	-7.62	33.64	34.70	10.03	31.99	0.00	100	198	AVERAGE



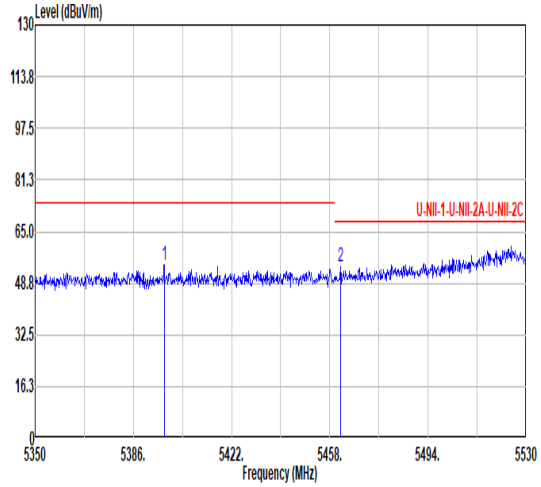
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	96.80	------	------	83.95	34.67	10.26	32.08	0.00	100	198	AVERAGE

Mode	30	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
Pol.	Horizontal	Fundamental
Peak		Blank

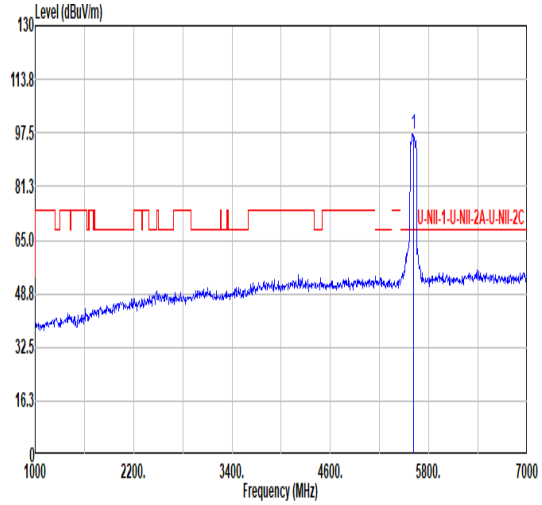
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5737.27	57.26	68.20	-10.94	44.30	34.63	10.35	32.02	0.00	100	198	PEAK

Mode	30	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
Pol.	Vertical	Fundamental

Peak

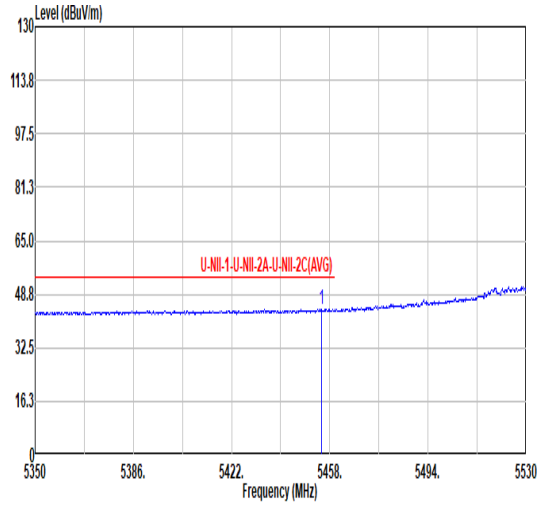


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5397.34	54.53	74.00	-19.47	41.85	34.69	9.94	31.95	0.00	100	262	PEAK
2	5461.96	53.91	68.20	-14.29	41.17	34.70	10.03	31.99	0.00	100	262	PEAK

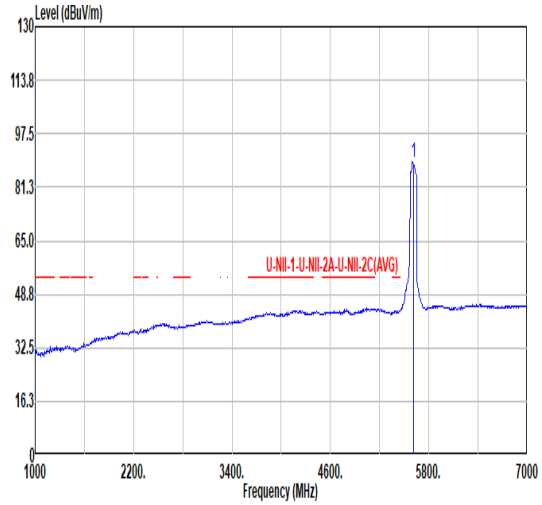


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	97.24	------	------	84.38	34.70	10.24	32.08	0.00	100	262	PEAK

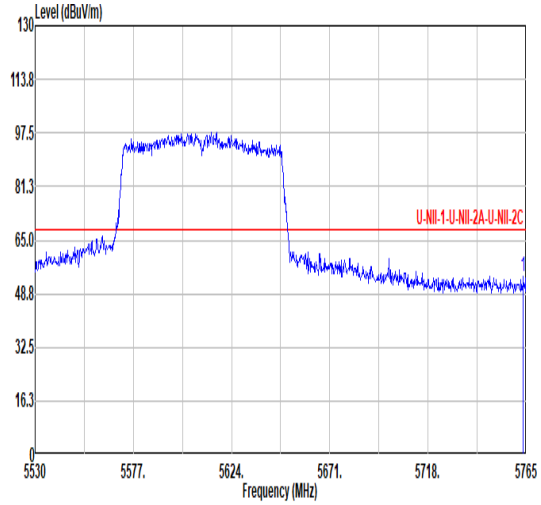
Avg



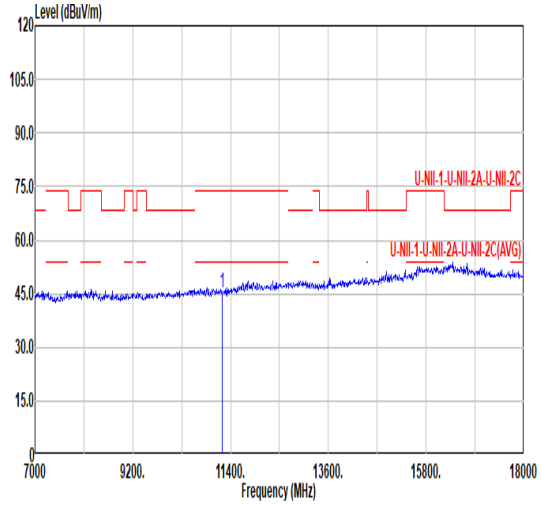
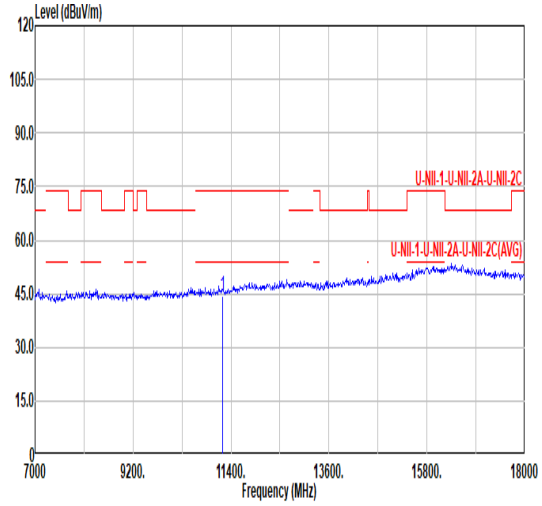
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5454.94	44.09	54.00	-9.91	31.36	34.70	10.02	31.99	0.00	100	262	AVERAGE



	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	88.86	------	------	76.01	34.68	10.25	32.08	0.00	100	262	AVERAGE

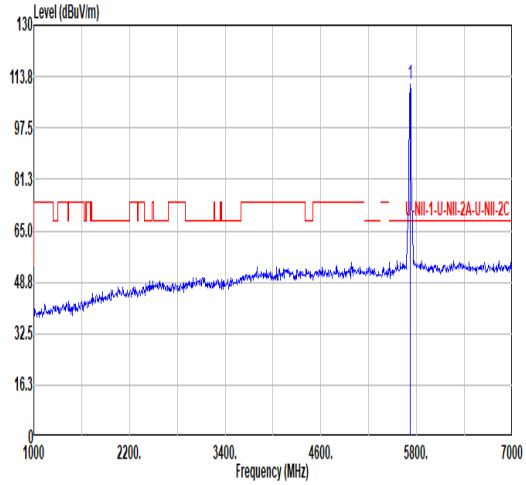
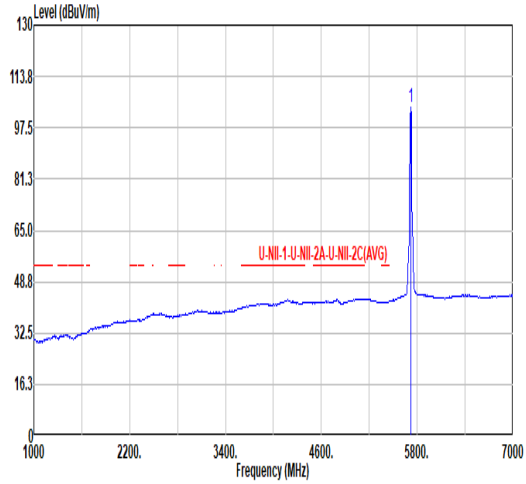
Mode	30	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
Pol.	Vertical	Fundamental
Peak		Blank

	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	5763.59	54.19	68.20	-14.01	41.18	34.63	10.38	32.00	0.00	100	262	PEAK

Mode	30	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_5610MHz	
Pol.	Horizontal	Vertical
Peak Avg		

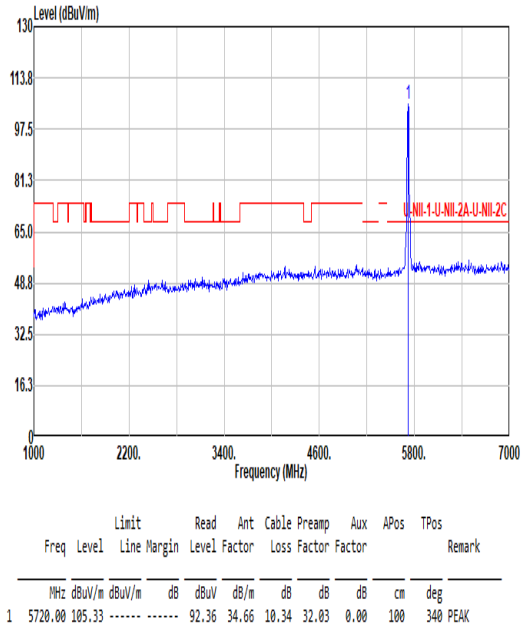
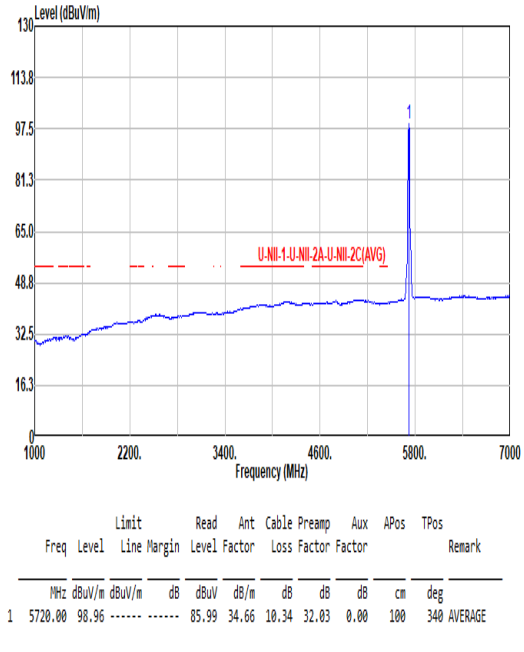
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11220.00	45.17	74.00	-28.83	53.22	38.10	14.72	60.87	0.00	---	---	PEAK

	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	11220.00	44.47	74.00	-29.53	52.52	38.10	14.72	60.87	0.00	---	---	PEAK

Mode	31	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11a_CH144_5720MHz	
Pol.	Horizontal	Fundamental
Peak	Blank	
Avg	Blank	

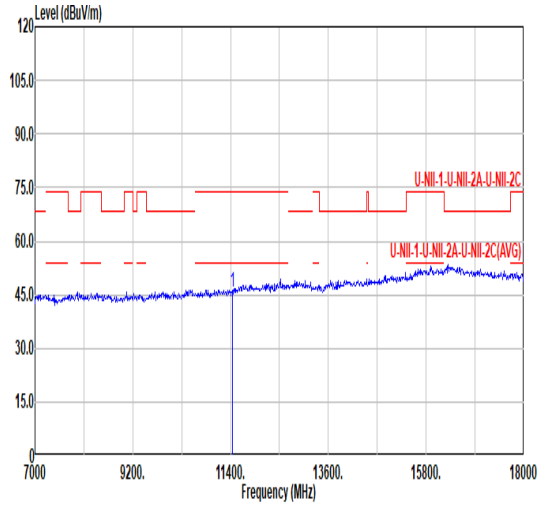
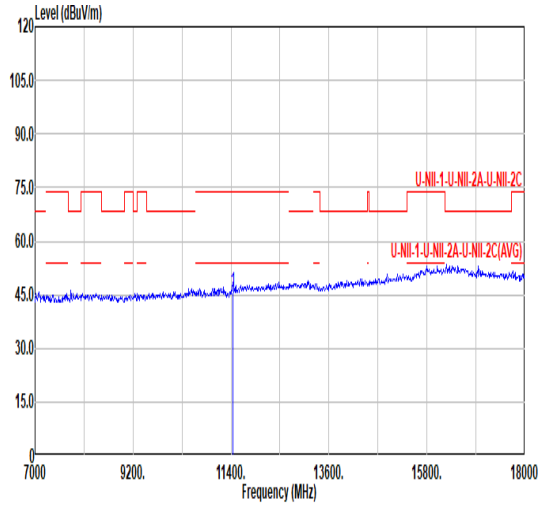
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5720.00	111.43	------	------	98.46	34.66	10.34	32.03	0.00	120	198	PEAK

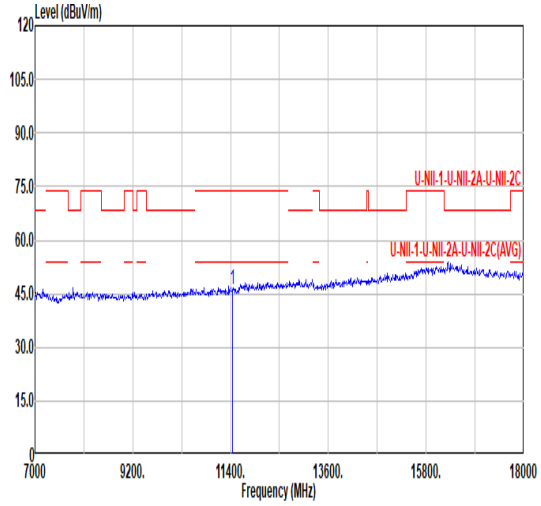
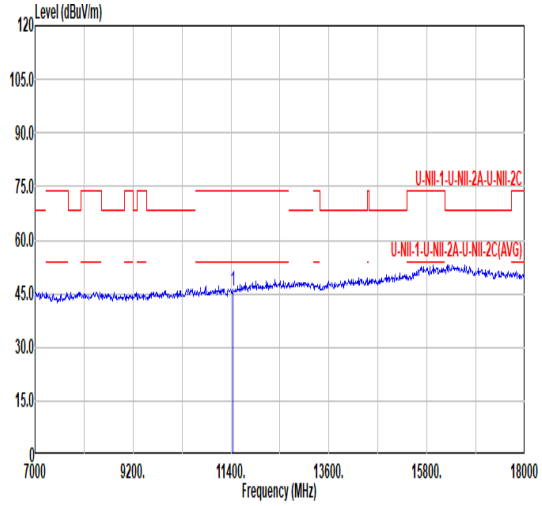
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5720.00	103.95	------	------	90.98	34.66	10.34	32.03	0.00	120	198	AVERAGE

Mode	31	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11a_CH144_5720MHz	
Pol.	Vertical	Fundamental
Peak	Blank	
Avg	Blankc	

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5720.00	105.33	------	------	92.36	34.66	10.34	32.03	0.00	100	340	PEAK

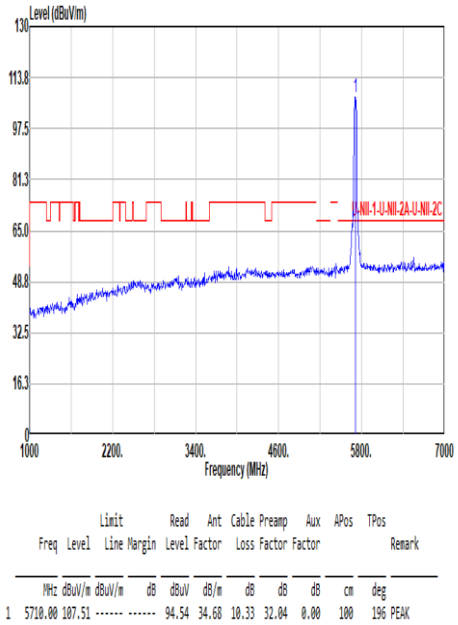
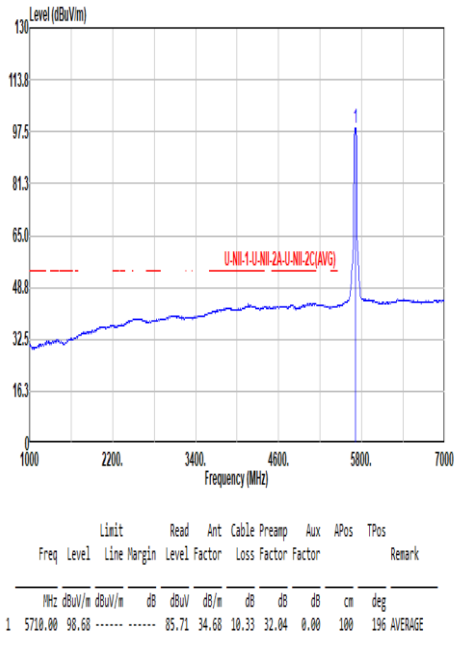
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5720.00	98.96	------	------	85.99	34.66	10.34	32.03	0.00	100	340	AVERAGE

Mode	31	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11a_CH144_5720MHz	
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 11440.00 45.94 74.00 -28.06 53.73 38.20 14.87 60.86 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 11440.00 45.88 74.00 -28.12 53.67 38.20 14.87 60.86 0.00 --- --- PEAK

Mode	32	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT20_CH144_5720MHz	
Pol.	Horizontal	Vertical
Peak Avg		

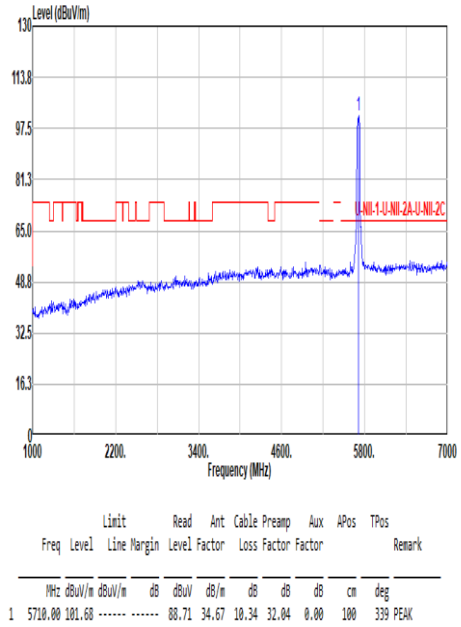
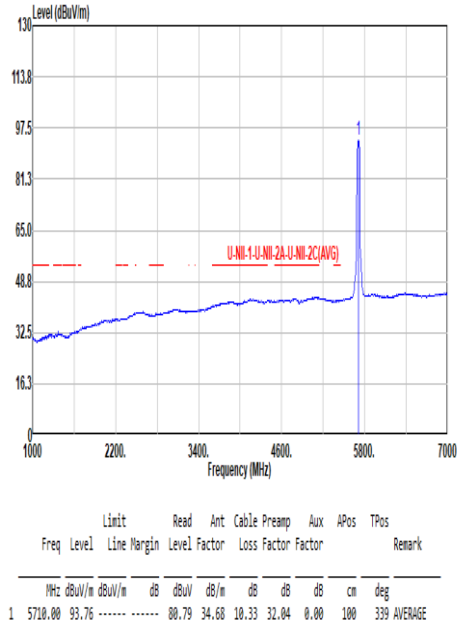
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11440.00	46.11	74.00	-27.89	53.90	38.20	14.87	60.86	0.00	---	---	PEAK

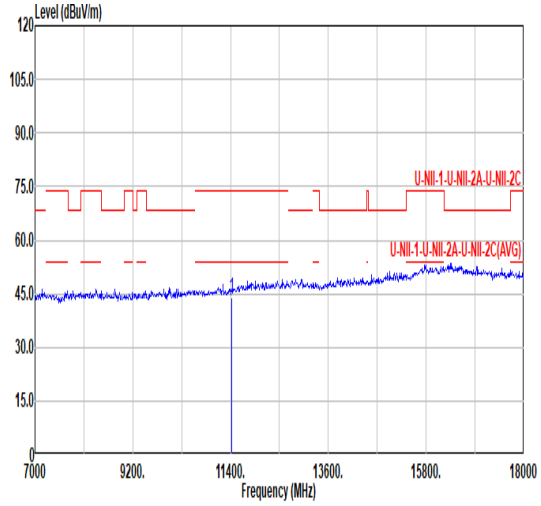
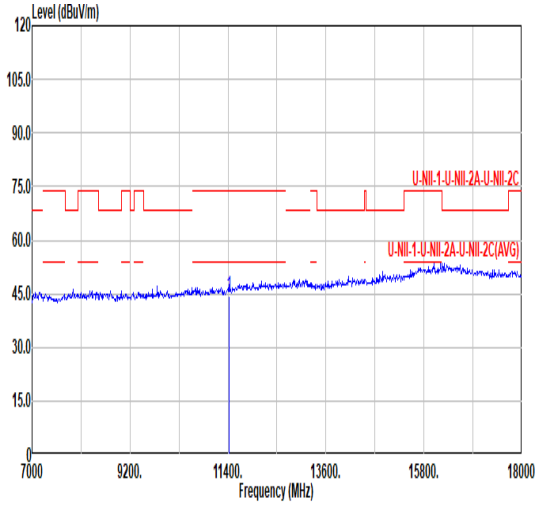
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11440.00	45.87	74.00	-28.13	53.66	38.20	14.87	60.86	0.00	---	---	PEAK

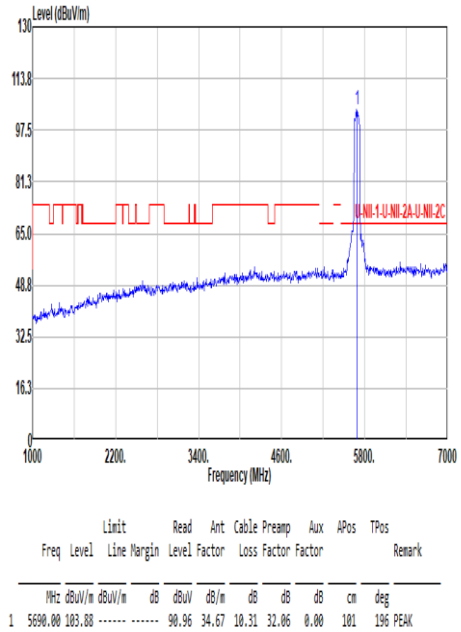
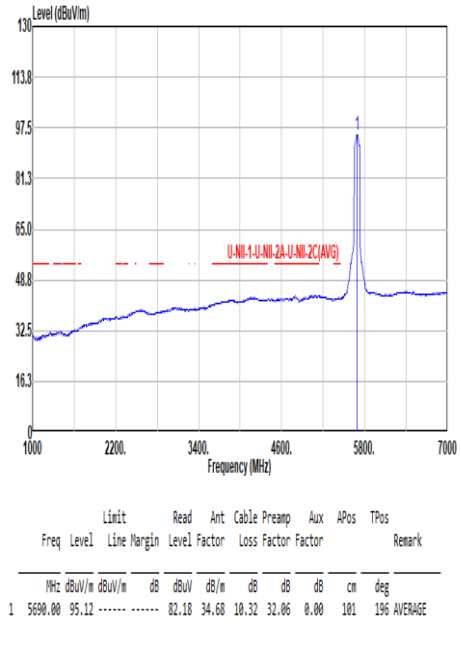
Mode	33	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ac VHT40_CH142_5710MHz	
Pol.	Horizontal	Fundamental
Peak	Blank	
Avg	Blank	

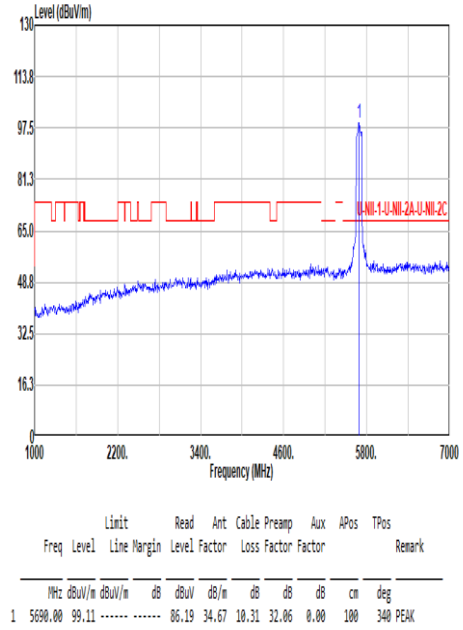
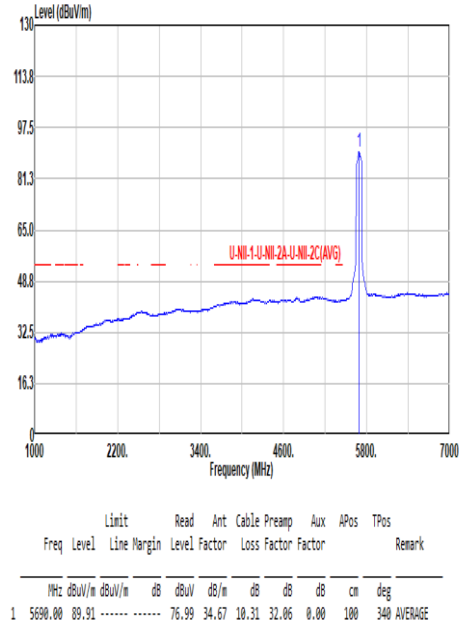
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5710.00	107.51	------	------	94.54	34.68	10.33	32.04	0.00	100	196	PEAK

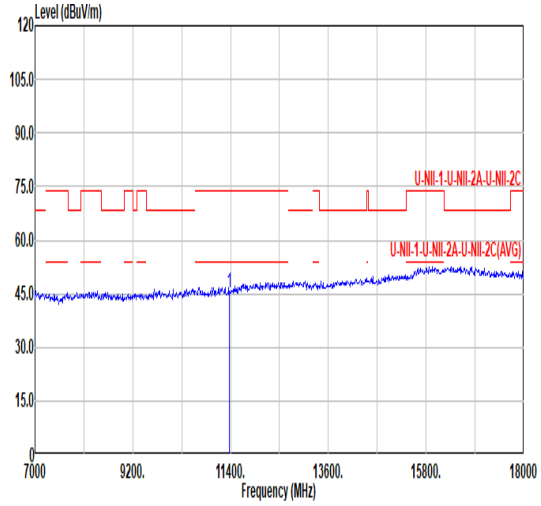
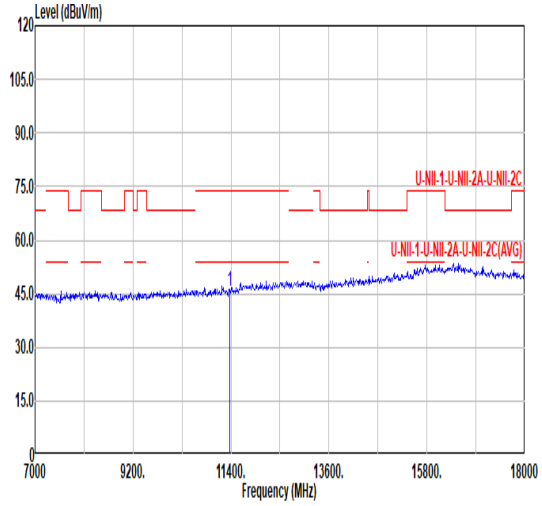
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5710.00	98.68	------	------	85.71	34.68	10.33	32.04	0.00	100	196	AVERAGE

Mode	33	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ac VHT40_CH142_5710MHz	
Pol.	Vertical	Fundamental
Peak	Blank	
Avg	Blank	

Mode	33	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT40_CH142_5710MHz	
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 11420.00 44.09 74.00 -29.91 51.89 38.20 14.86 60.86 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 11420.00 44.34 74.00 -29.66 52.14 38.20 14.86 60.86 0.00 --- --- PEAK

Mode	34	
	Band Edge	
	U-NII-2C_5.47-5.85_802.11ac VHT80_CH138_5690MHz	
Pol.	Horizontal	Fundamental
Peak	Blank	
Avg	Blank	

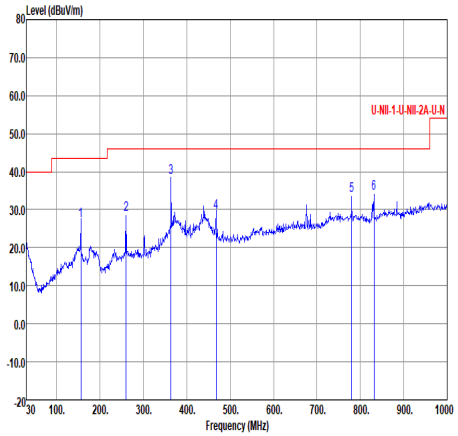
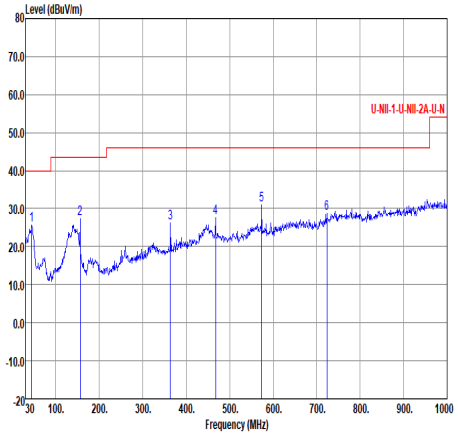
Mode	34	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT80_CH138_5690MHz	
Pol.	Vertical	Fundamental
Peak	Blank	
Avg	Blank	

Mode	34	
	Harmonic	
	U-NII-2C_5.47-5.85_802.11ac VHT80_CH138_5690MHz	
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	11380.00	45.08	74.00	-28.92	52.93	38.18	14.83	60.86	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	11380.00	45.90	74.00	-28.10	53.75	38.18	14.83	60.86	0.00	---	---	PEAK

Mode	45
	LF
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz

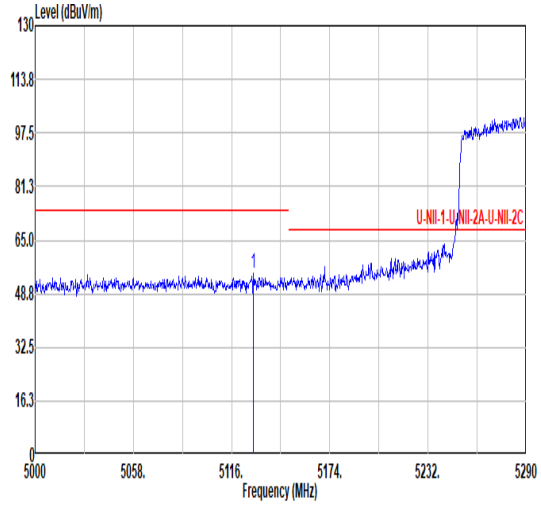
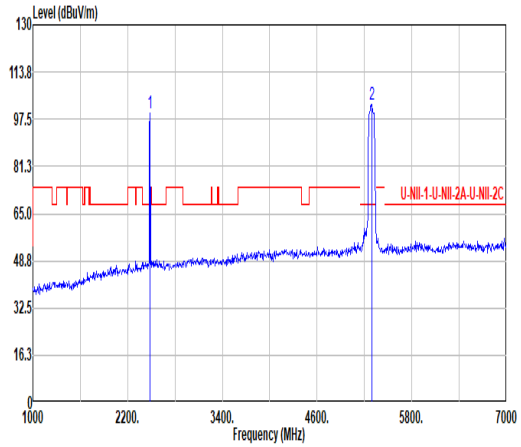
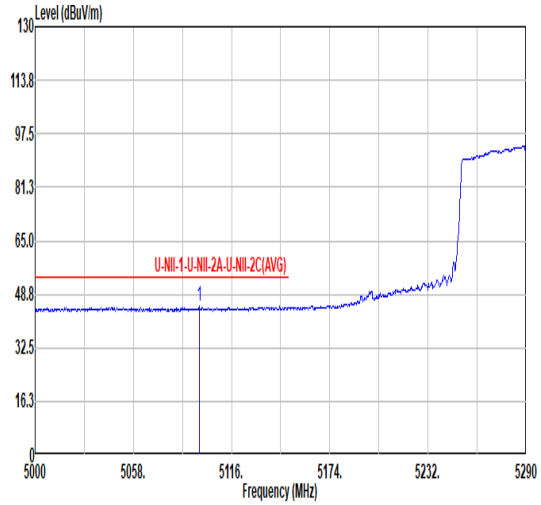
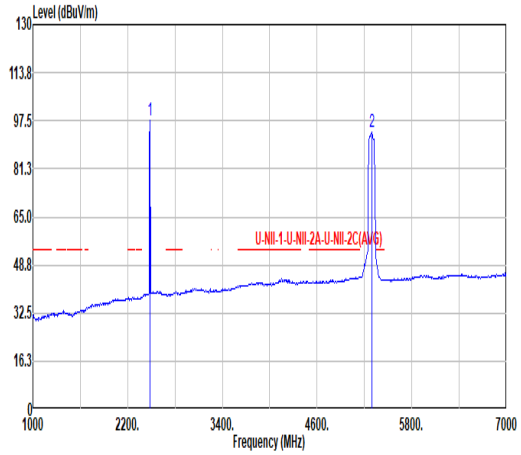
Pol.	Horizontal	Vertical
Peak		

Site : 03CH06-KS
Condition : U-NII-1-U-NII-2A-U-N 3m LF 6111D SN44483 HORIZONTAL
Project : 330311-01

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB/m	dB	cm	deg	
1	156.10	27.17	-16.33	43.50	40.93	1.67	16.74	32.17	---	---	Peak
2	259.89	28.73	-17.27	46.00	38.33	2.17	20.40	32.17	---	---	Peak
3	363.68	38.45	-7.55	46.00	47.22	2.57	20.88	32.22	---	---	Peak
4	467.47	29.44	-16.56	46.00	35.70	2.92	23.41	32.59	---	---	Peak
5	779.81	33.85	-12.15	46.00	33.99	3.77	28.20	32.11	---	---	Peak
6	831.22	34.42	-11.58	46.00	33.54	3.89	28.89	31.90	---	---	Peak

Site : 03CH06-KS
Condition : U-NII-1-U-NII-2A-U-N 3m LF 6111D SN44483 VERTICAL
Project : 330311-01

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB/m	dB	cm	deg	
1	44.55	25.71	-14.29	40.00	40.18	0.65	17.35	32.47	---	---	Peak
2	156.10	27.23	-16.27	43.50	40.99	1.67	16.74	32.17	---	---	Peak
3	363.68	26.11	-19.89	46.00	34.88	2.57	20.88	32.22	---	---	Peak
4	467.47	27.72	-18.28	46.00	33.98	2.92	23.41	32.59	---	---	Peak
5	573.20	30.87	-15.13	46.00	34.50	3.23	25.58	32.44	---	---	Peak
6	723.55	28.86	-17.14	46.00	30.03	3.64	27.41	32.22	---	---	Peak

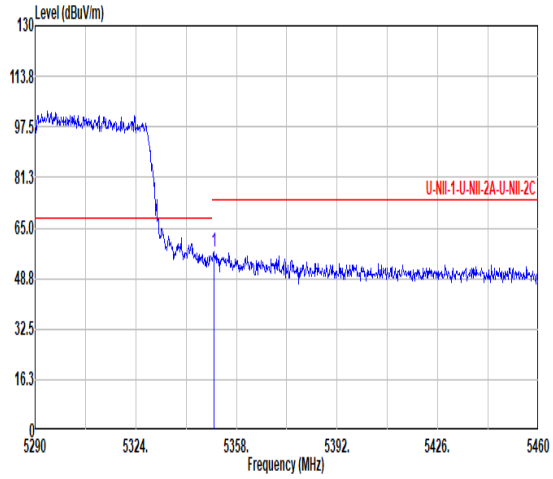
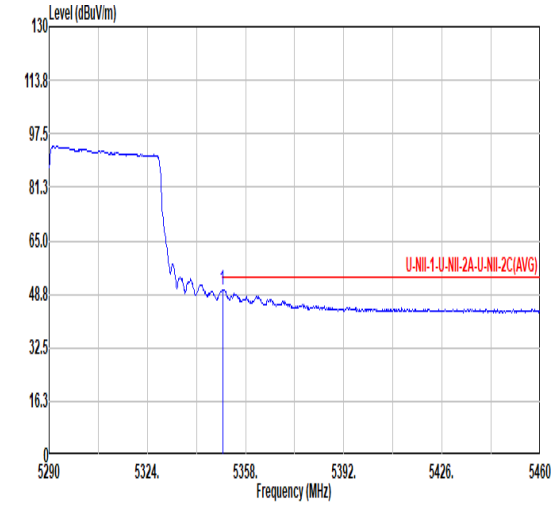
Mode	Co-location Mode	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5129.05	54.83	74.00	-19.17	42.65	34.20	9.77	31.79	0.00	100	201	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	2482.00	99.64	------	------	92.78	32.76	6.73	32.63	0.00	100	201	Peak
2	5290.00	102.54	------	------	90.00	34.54	9.88	31.88	0.00	100	201	PEAK

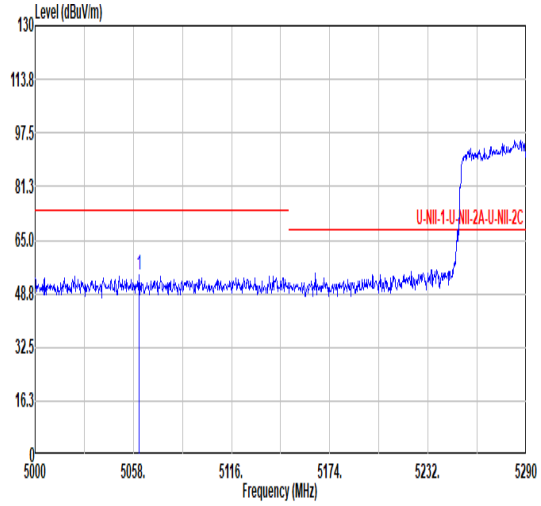
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5096.86	45.18	54.00	-8.82	33.01	34.20	9.74	31.77	0.00	100	201	AVERAGE

	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	2482.00	97.41	------	------	90.55	32.76	6.73	32.63	0.00	100	201	Average
2	5290.00	93.56	------	------	81.01	34.56	9.88	31.89	0.00	100	201	Average

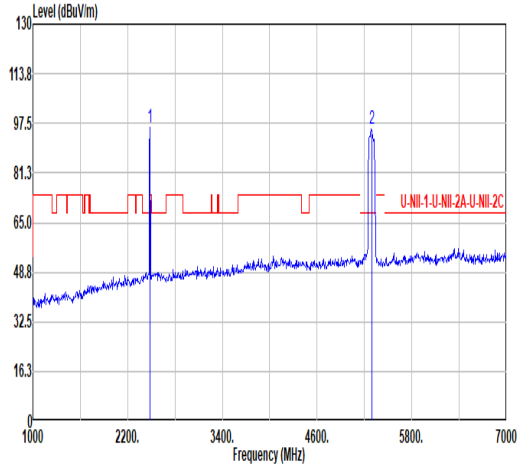
Mode	Co-location Mode	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.52 57.22 74.00 -16.78 44.73 34.50 9.91 31.92 0.00 100 201 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 5350.01 50.26 54.00 -3.74 37.77 34.50 9.91 31.92 0.00 100 201 AVERAGE	Blank

Mode	Co-location Mode	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Vertical	Fundamental

Peak

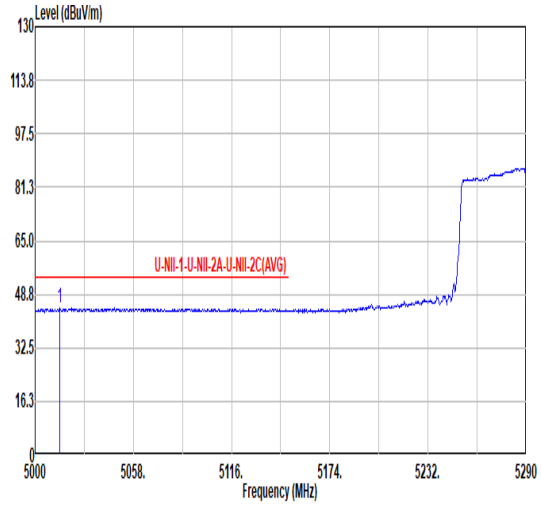


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5061.48	54.50	74.00	-19.50	42.34	34.20	9.71	31.75	0.00	100	264	PEAK

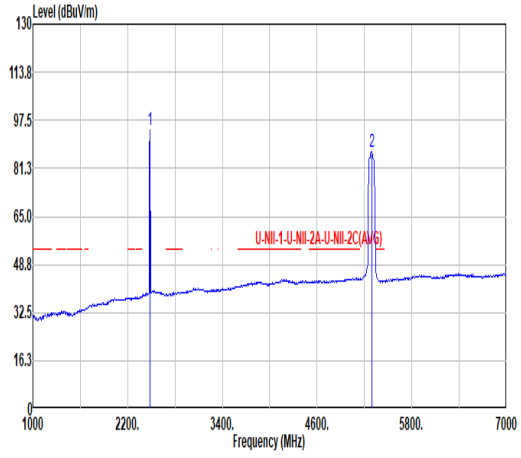


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2482.00	96.00	------	------	89.14	32.76	6.73	32.63	0.00	100	264	Peak
2	5290.00	95.43	------	------	82.88	34.56	9.88	31.89	0.00	100	264	Peak

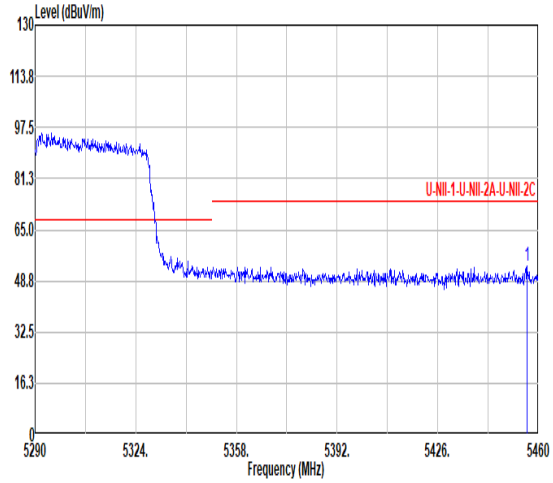
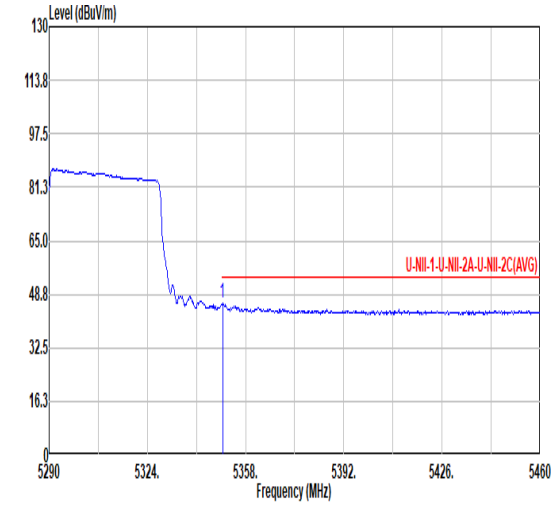
Avg

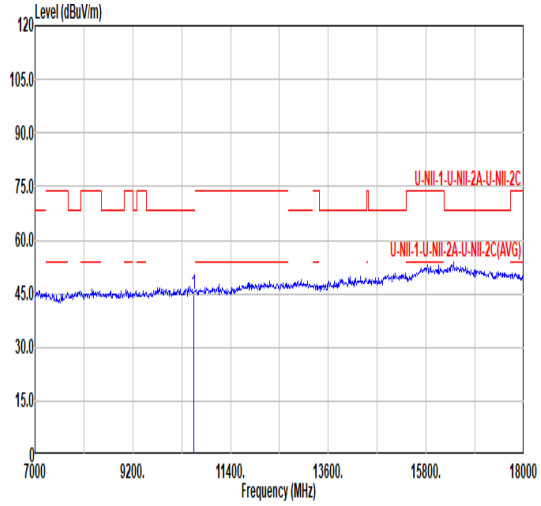
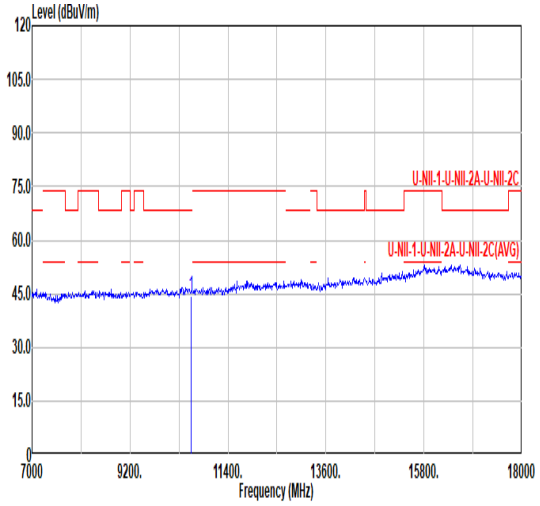


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5014.50	44.76	54.00	-9.24	32.69	34.13	9.67	31.73	0.00	100	264	AVERAGE



	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	2482.00	94.03	------	------	87.17	32.76	6.73	32.63	0.00	100	264	Average
2	5290.00	86.90	------	------	74.35	34.56	9.88	31.89	0.00	100	264	Average

Mode	Co-location Mode	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
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 5456.09 53.58 74.00 -20.42 40.85 34.70 10.02 31.99 0.00 100 264 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 5350.01 46.08 54.00 -7.92 33.59 34.50 9.91 31.92 0.00 100 264 AVERAGE	Blank

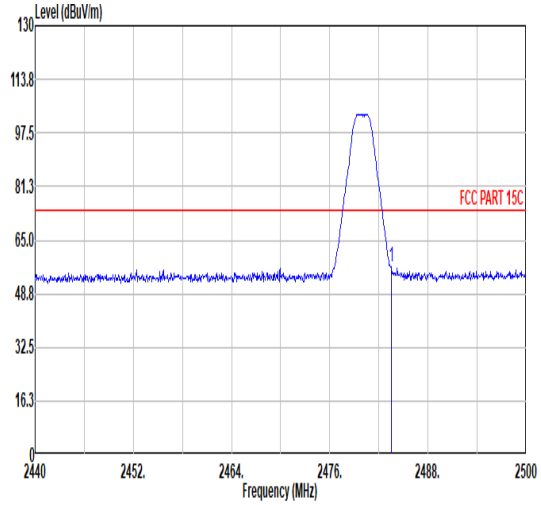
Mode	Co-location Mode	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_5290MHz	
Pol.	Horizontal	Vertical
Peak		

	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	44.77	68.20	-23.43	53.52	37.86	14.28	60.89	0.00	---	---	PEAK

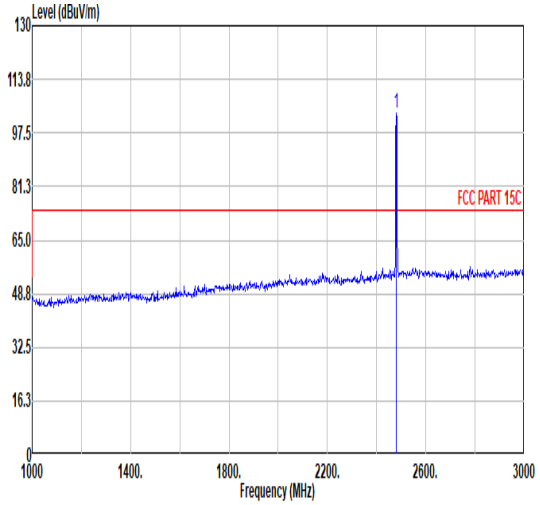
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10580.00	44.43	68.20	-23.77	53.18	37.86	14.28	60.89	0.00	---	---	PEAK

Mode	Co-location Mode	
	Band Edge	
	2400-2483.5_Bluetooth-LE_GSFK _CH39_2480MHz	
Pol.	Horizontal	Fundamental

Peak

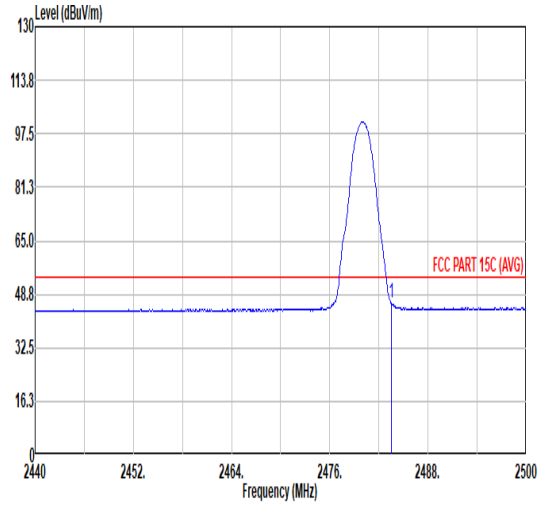


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.50	56.81	74.00	-17.19	43.94	32.77	6.73	32.63	6.00	149	120	PEAK

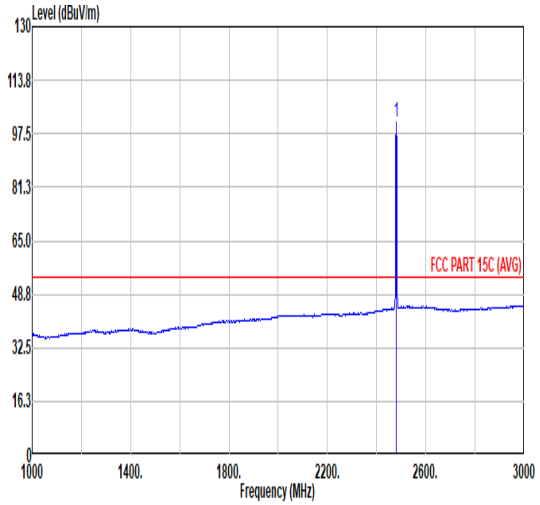


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2480.00	103.47	------	------	90.63	32.74	6.73	32.63	6.00	149	120	PEAK

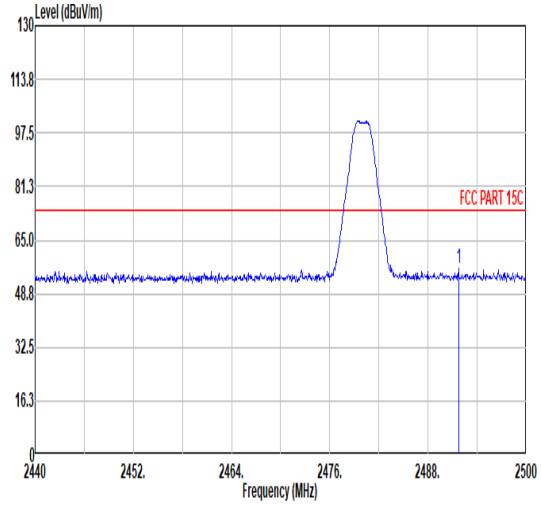
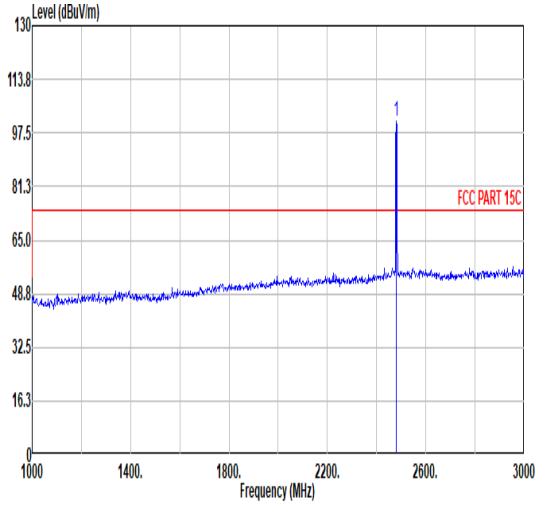
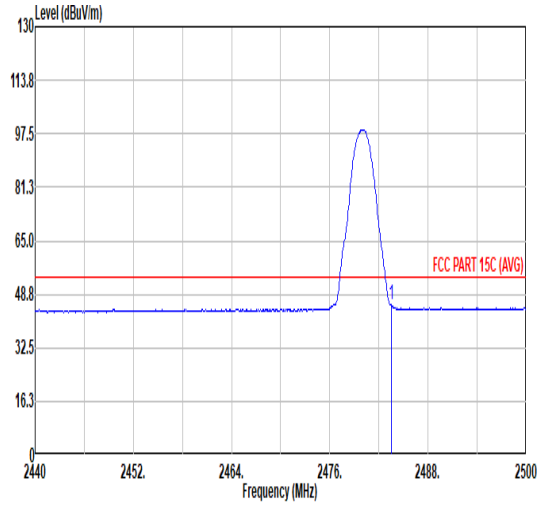
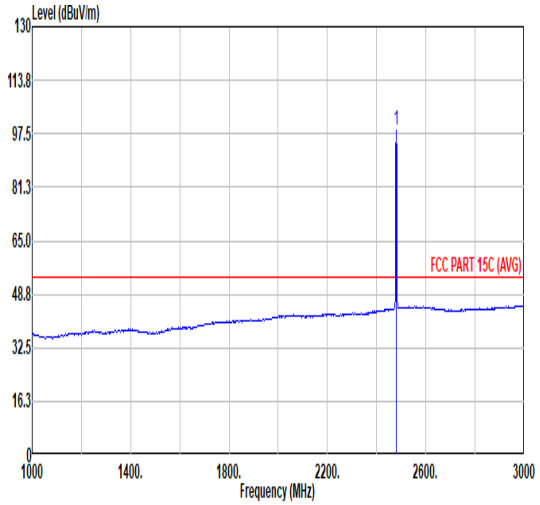
Avg



	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	2483.50	46.02	54.00	-7.98	33.15	32.77	6.73	32.63	6.00	149	120	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	2480.00	100.98	------	------	88.14	32.74	6.73	32.63	6.00	149	120	AVERAGE

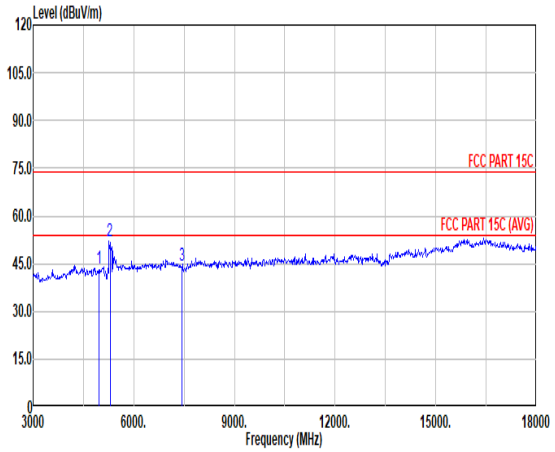
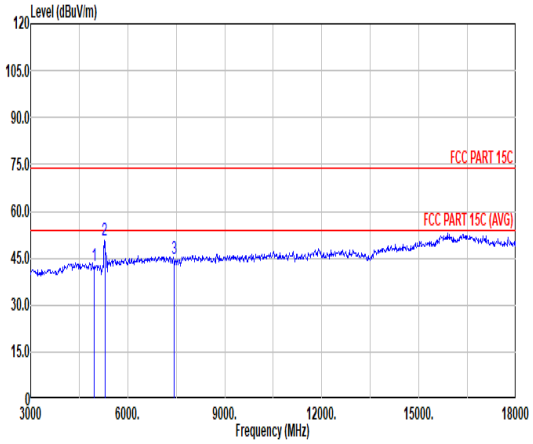
Mode	Co-location Mode	
	Band Edge	
	2400-2483.5_Bluetooth-LE_GSFK _CH39_2480MHz	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	2491.72	56.33	74.00	-17.67	43.36	32.83	6.74	32.60	6.00	100	112	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	2480.00	101.20	------	------	88.36	32.74	6.73	32.63	6.00	100	112	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	2483.50	45.39	54.00	-8.61	32.52	32.77	6.73	32.63	6.00	100	112	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	2480.00	98.76	------	------	85.92	32.74	6.73	32.63	6.00	100	112	AVERAGE

Mode	Co-location Mode	
	Harmonic	
	2400-2483.5_Bluetooth-LE_GSFK _CH39_2480MHz	
Pol.	Horizontal	Vertical
Peak		

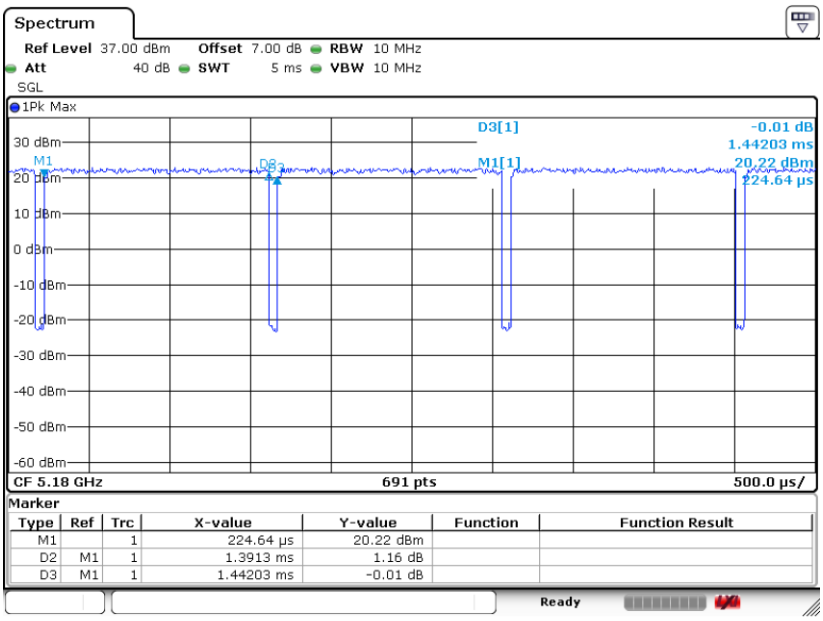
	Freq	Level	Limit Line	Over Limit	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4960.00	43.45	74.00	-30.55	60.46	34.18	9.61	60.80	0.00	---	---	PEAK
2	5290.00	51.85			67.87	34.56	9.88	60.46	0.00	---	---	Peak
3	7440.00	44.20	74.00	-29.80	57.35	35.70	11.77	60.62	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	4960.00	42.51	74.00	-31.49	59.52	34.18	9.61	60.80	0.00	---	---	PEAK
2	5290.00	50.59			66.61	34.56	9.88	60.46	0.00	---	---	Peak
3	7440.00	44.75	74.00	-29.25	57.90	35.70	11.77	60.62	0.00	---	---	PEAK

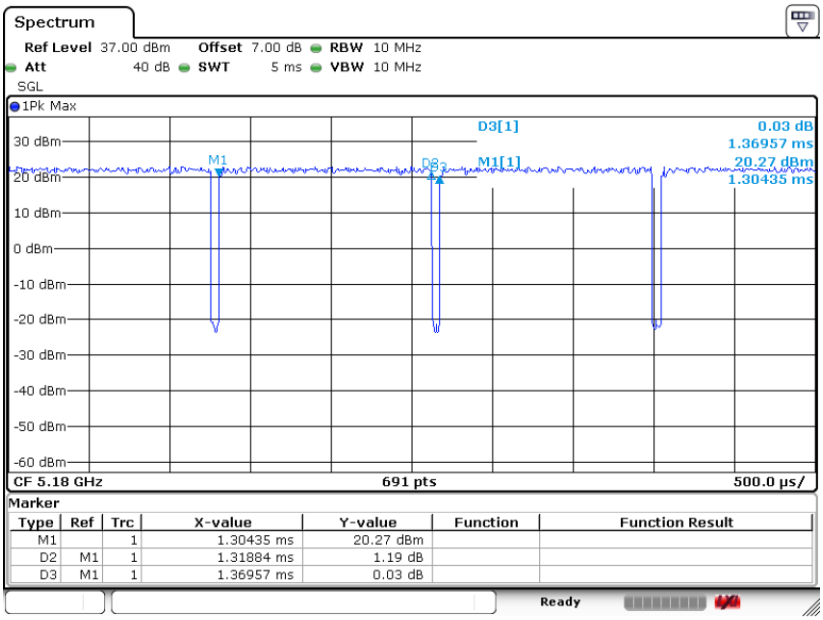
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	96.48	1.391	0.719	0.75kHz
802.11ac VHT20	96.30	1.319	0.758	0.82kHz
802.11ac VHT40	92.21	0.652	1.533	1.6kHz
802.11ac VHT80	86.15	0.325	3.080	3.3kHz

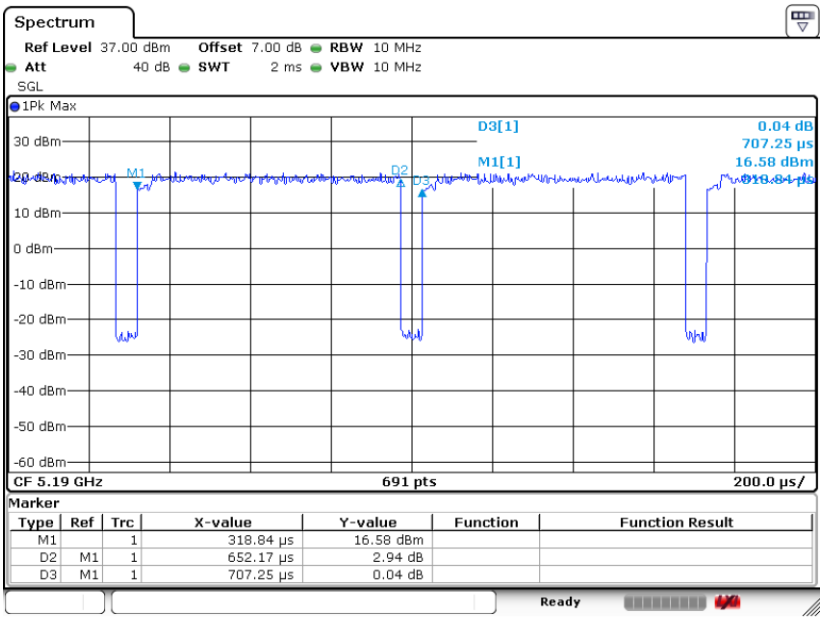
802.11a



802.11ac VHT20



802.11ac VHT40



802.11ac VHT80