FCC RF Test Report

APPLICANT	:	Quectel Wireless Solutions Co., Ltd.
EQUIPMENT	:	Wi-Fi & Bluetooth Module
BRAND NAME	:	Quectel
MODEL NAME	:	FCS850R-B
FCC ID	:	XMR2023FCS850RB
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Apr. 08, 2023 ~ May 09, 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
FR2D2912D	Rev. 01	Initial issue of report	May 31, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm/MHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 3.05 dB at 15660.00 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 15.82 dB at 0.168 MHz
3.6	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

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

1.2 Manufacturer

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

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Wi-Fi & Bluetooth Module
Brand Name	Quectel
Model Name	FCS850R-B
FCC ID	XMR2023FCS850RB
SN	Conducted: YY230217000024 Conduction: YY230217000010 Radiation: YY230217000033
HW Version	R1.0
EUT Stage	Identical Prototype

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

1.4 Product Specification of Equipment Under Test

<table>
<tr><th colspan="2">Standards-related Product Specification</th></tr>
<tr><td>Tx/Rx Frequency Range</td><td>5180 MHz ~ 5240 MHz
5260 MHz ~ 5320 MHz
5500 MHz ~ 5700 MHz</td></tr>
<tr><td>Maximum Output Power to Antenna</td><td>MIMO Ant.0+1:
<5180 MHz ~ 5240 MHz>
802.11a : 18.09 dBm / 0.0644 W
802.11n HT20 : 18.90 dBm / 0.0776 W
802.11n HT40 : 19.72 dBm / 0.0938 W
802.11ac VHT20 : 19.02 dBm / 0.0798 W
802.11ac VHT40 : 19.76 dBm / 0.0946 W
802.11ac VHT80 : 14.80 dBm / 0.0302 W
<5260 MHz ~ 5320 MHz>
802.11a : 20.53 dBm / 0.1130 W
802.11n HT20 : 20.05 dBm / 0.1012 W
802.11n HT40 : 19.97 dBm / 0.0993 W
802.11ac VHT20 : 20.10 dBm / 0.1023 W
802.11ac VHT40 : 19.99 dBm / 0.0998 W
802.11ac VHT80 : 19.17 dBm / 0.0826 W
<5500 MHz ~ 5700 MHz >
802.11a : 21.45 dBm / 0.1396 W
802.11n HT20 : 20.17 dBm / 0.1040 W
802.11n HT40 : 20.31 dBm / 0.1074 W
802.11ac VHT20 : 20.23 dBm / 0.1054 W
802.11ac VHT40 : 20.34 dBm / 0.1081 W
802.11ac VHT80 : 19.18 dBm / 0.0828 W</td></tr>
<tr><td>99% Occupied Bandwidth</td><td>802.11a : 16.58 MHz
802.11ac VHT20 : 17.68 MHz
802.11ac VHT40 : 36.66 MHz
802.11ac VHT80 : 74.69 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5240 MHz>
<Ant. 0> : Dipole Antenna with gain 1.14 dBi
<Ant. 1> : Dipole Antenna with gain 1.14 dBi
<5260 MHz ~ 5320 MHz>
<Ant. 0> : Dipole Antenna with gain 1.00 dBi
<Ant. 1> : Dipole Antenna with gain 1.00 dBi
<5500 MHz ~ 5700 MHz>
<Ant. 0> : Dipole Antenna with gain 0.60 dBi
<Ant. 1> : Dipole Antenna with gain 0.60 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)</td></tr>
<tr><td>Antenna Function Description</td><td>
<table>
<tr><th></th><th>Ant. 0</th><th>Ant. 1</th></tr>
<tr><td>802.11 a/n/ac SISO</td><td>V</td><td>V</td></tr>
<tr><td>802.11 a/n/ac MIMO</td><td>V</td><td>V</td></tr>
</table>
</td></tr>
</table>

Note:

1. WLAN MIMO only support CDD mode.

2. For WLAN SISO & MIMO mode, the whole testing has assessed only MIMO mode by referring to the higher normal conducted power.
3. 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.

1.5 Modification of EUT

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

1.6 Testing Location

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

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-KS 03CH05-KS TH01-KS	CN1257	314309

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH05-KS	AUDIX	E3	6.2009-8-24
2.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

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

- 47 CFR Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 662911 D01 Multiple Transmitter Output 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- 5700 MHz 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

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.

MIMO Mode

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 : WLAN Link(5G) + Powered from Test Jig

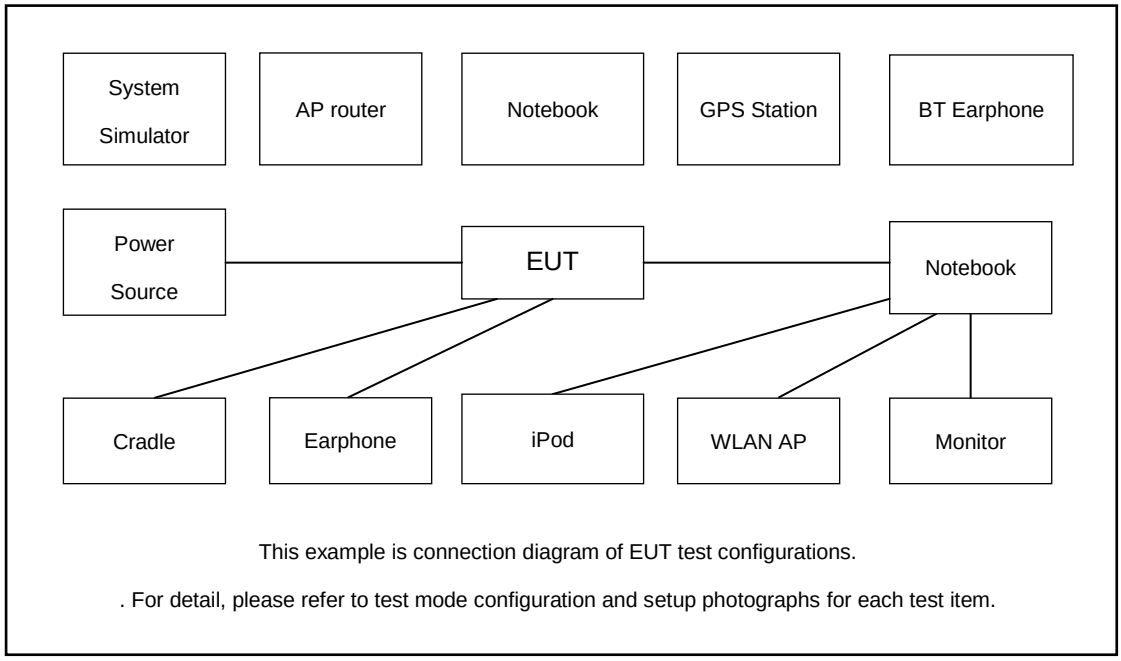
Ch. #		U-NII-1 : 5180-5240 MHz	U-NII-2A : 5260-5320 MHz	U-NII-2C : 5500- 5700 MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

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

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

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

2.3 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

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

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded, 1.8m
2.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
3.	PC	Lenovo	Yangtian M4900c	Fcc DoC	N/A	Unshielded, 1.8m
4.	Monitor	Lenovo	LS2033wA	Fcc DoC	N/A	Unshielded, 1.8m
5.	Hard Disk	WD	C6B	N/A	N/A	N/A
6.	Test Jig	N/A	N/A	N/A	N/A	N/A
7.	Adapter	N/A	N/A	N/A	N/A	N/A
8.	Antenna	N/A	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT 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 7.5 dB.

Offset(dB) = RF cable loss(dB).
= 7.5 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

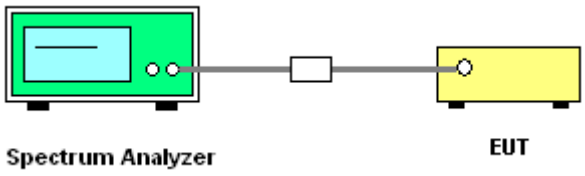
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

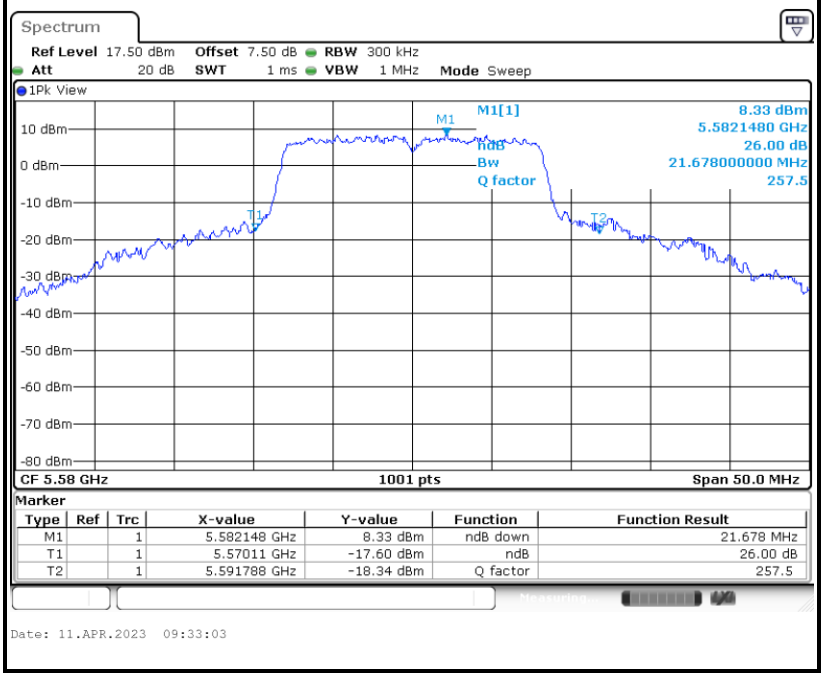
3.1.4 Test Setup



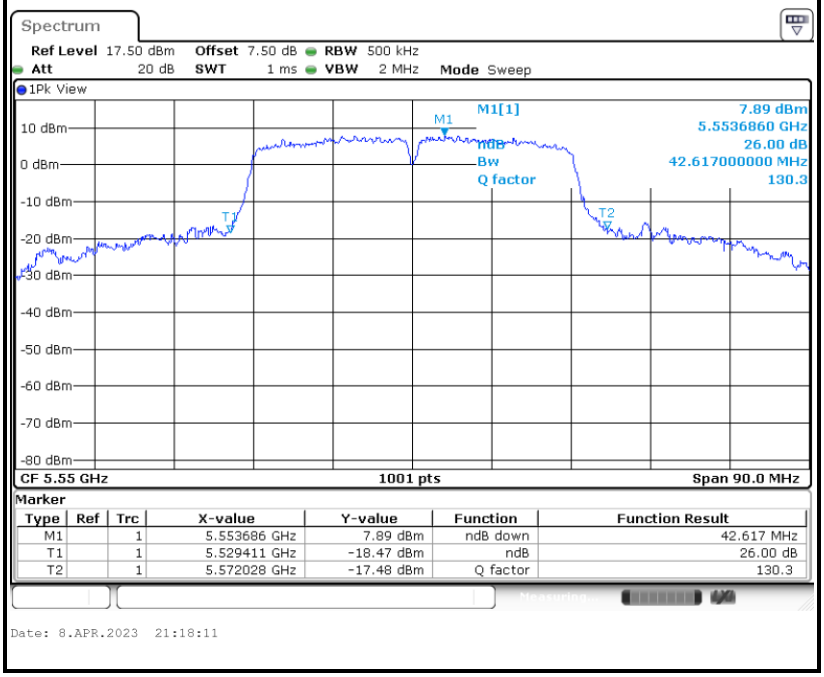
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

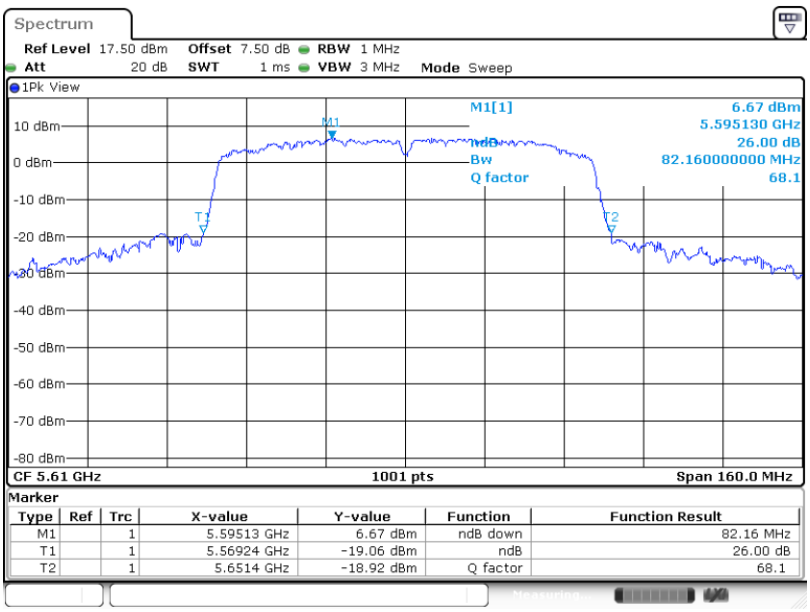
Maximum 26dB Bandwidth for 20M BW



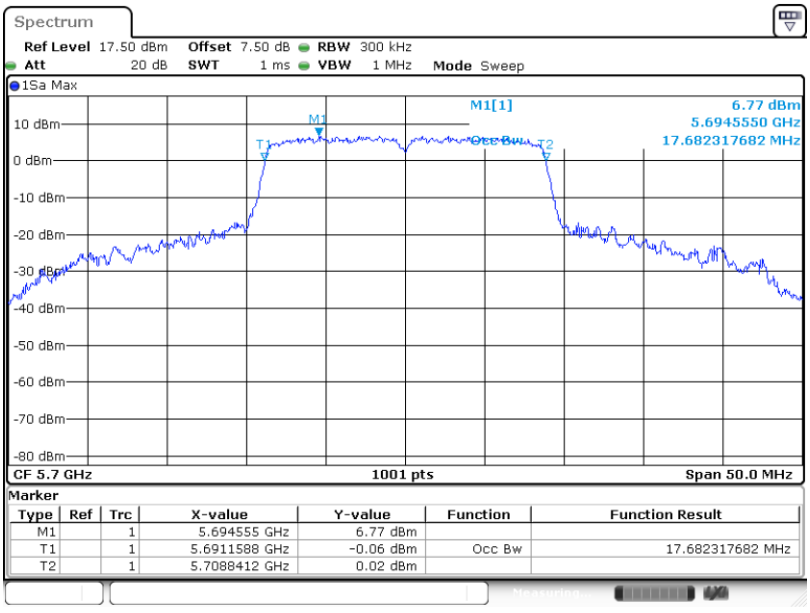
Maximum 26dB Bandwidth for 40M BW



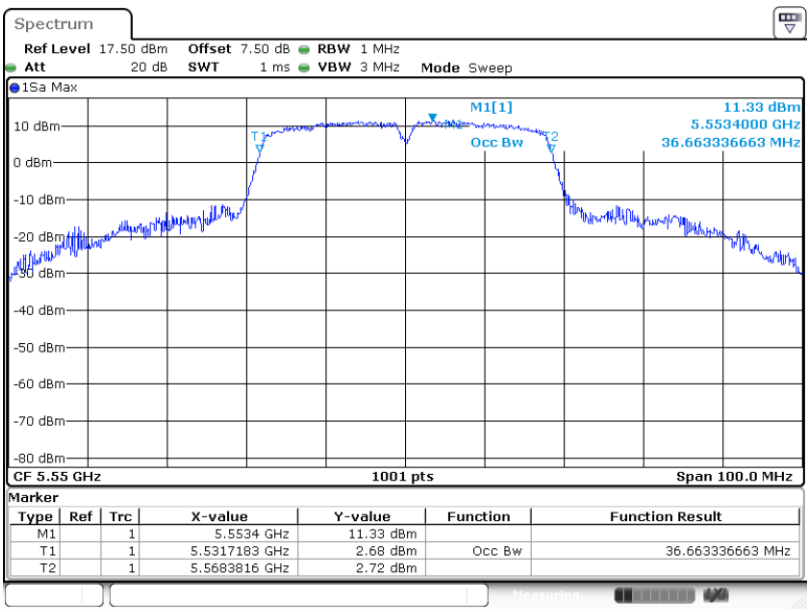
Maximum 26dB Bandwidth for 80M BW



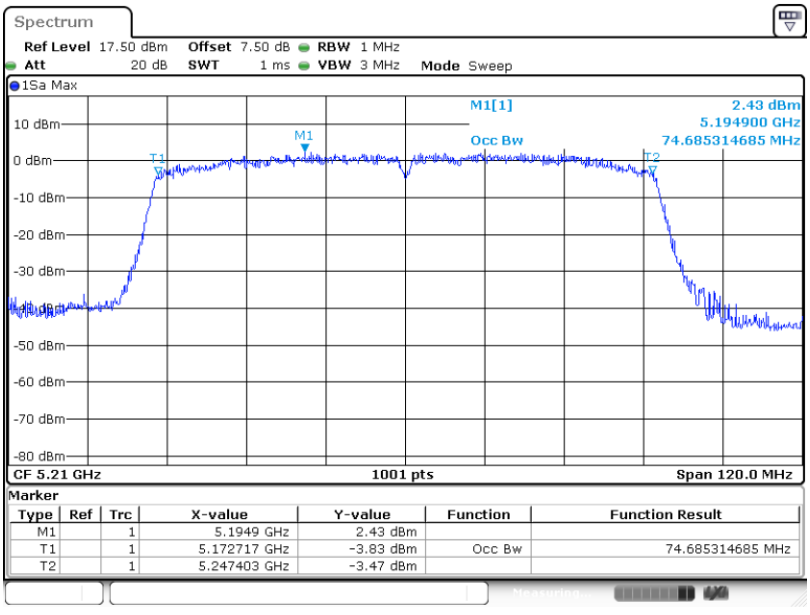
Maximum 99% Occupied Bandwidth for 20M BW



Maximum 99% Occupied Bandwidth for 40M BW



Maximum 99% Occupied Bandwidth for 80M BW



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

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

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

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

3.2.2 Measuring Instruments

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

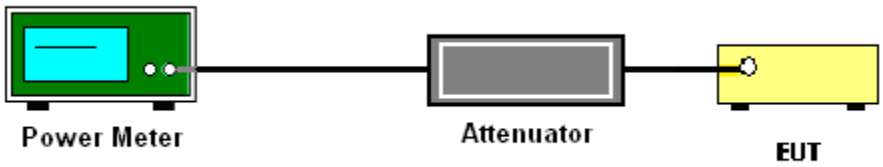
3.2.3 Test Procedures

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

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

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

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.

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).

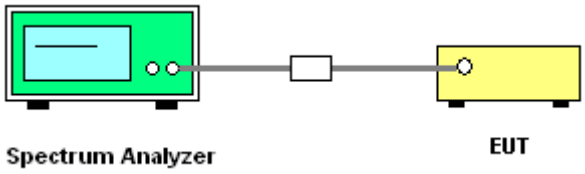
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), 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. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is the bin-by-bin summation to obtain the combined spectrum. For the device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

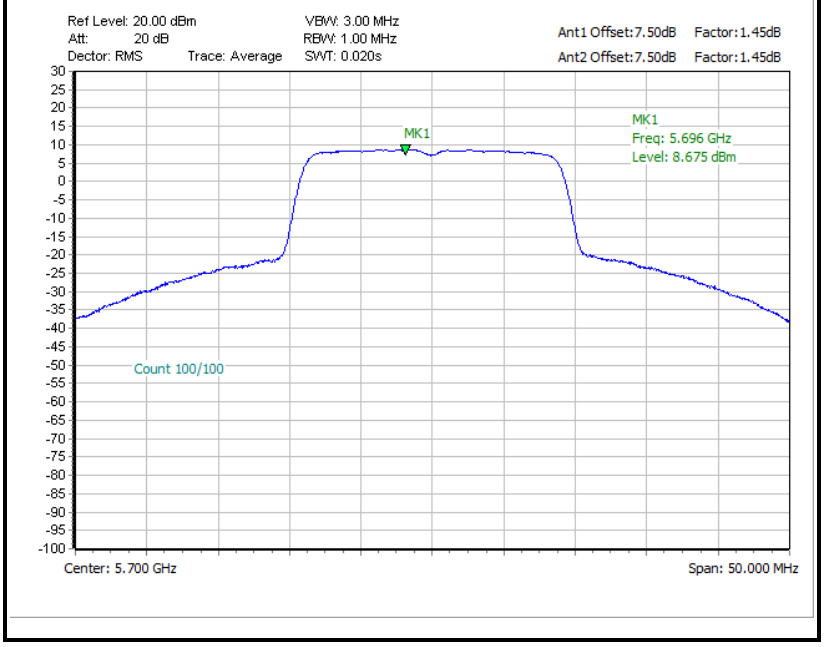
3.3.4 Test Setup



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

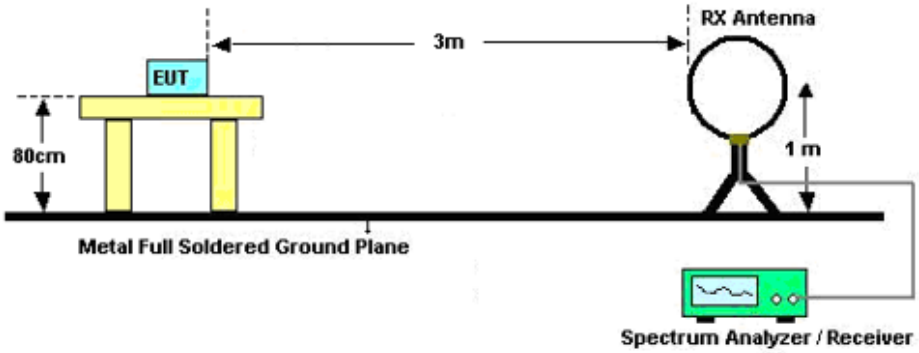
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - 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.

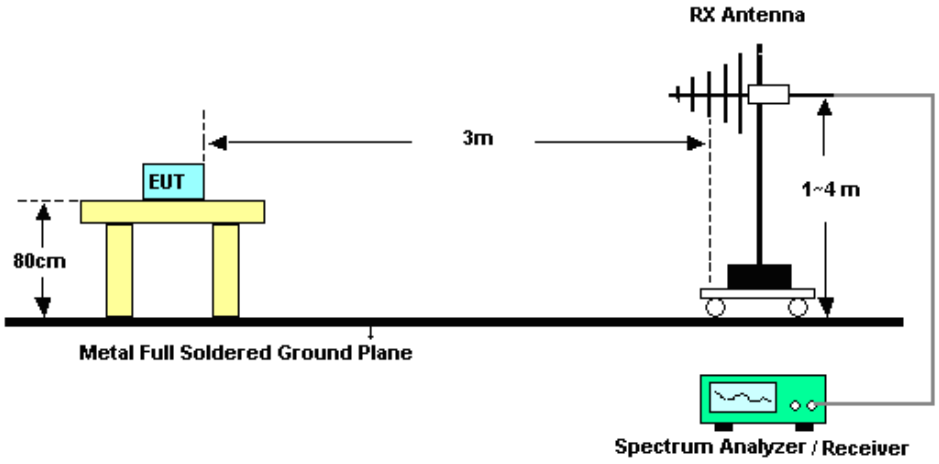
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

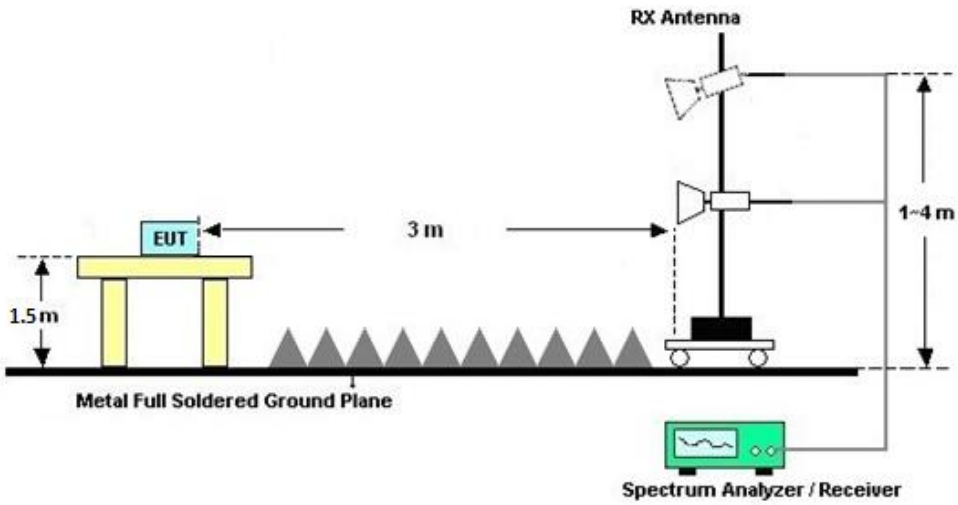
For radiated emissions below 30MHz



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.

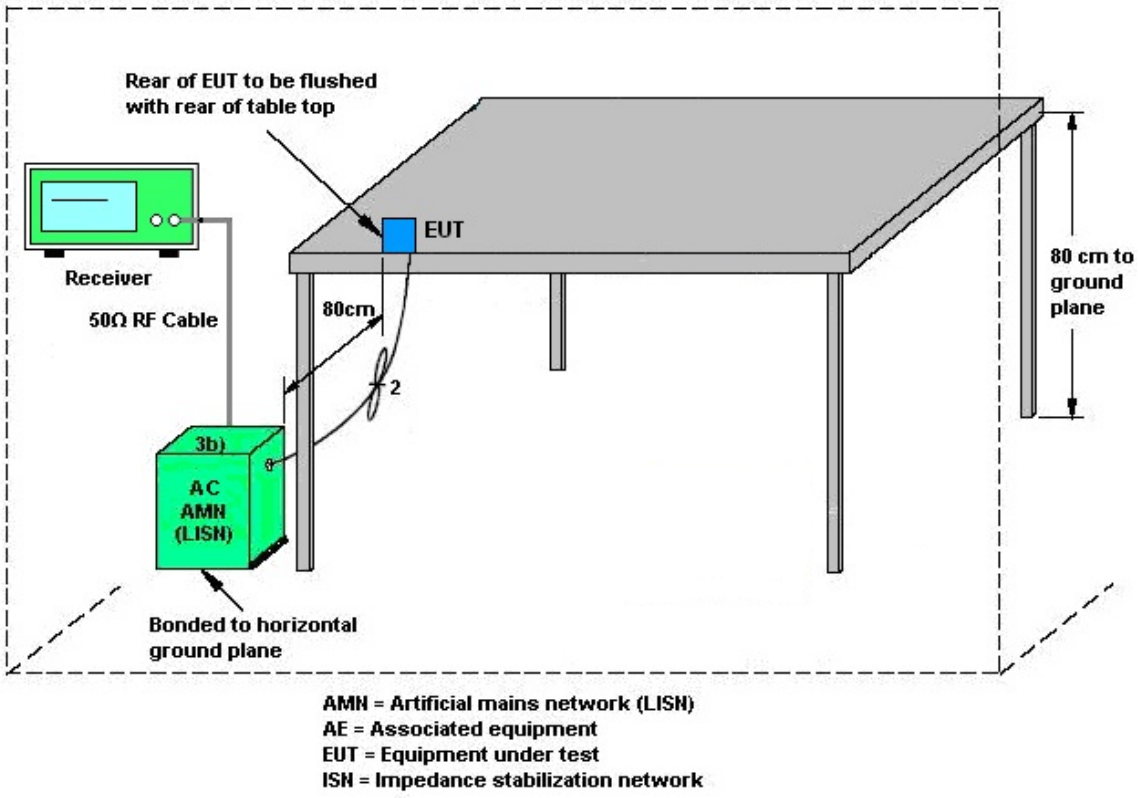
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

Non-standard antenna connector is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain;

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The power and PSD limit should be modified if the directional gain of EUT is over 6 dBi,

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 0 (dBi)	Ant. 1 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
U NII-1	1.14	1.14	1.14	4.15	0.00	0.00
U NII-2A	1.00	1.00	1.00	4.01	0.00	0.00
U NII-2C	0.60	0.60	0.60	3.61	0.00	0.00

Power limit reduction = Composite gain – 6dBi, (min = 0)

PSD limit reduction = Composite gain + PSD Array gain – 6dBi, (min = 0)

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	Apr. 08, 2023~ Apr. 11, 2023	Oct. 11, 2023	Conducted (TH01-KS)
Pulse Power Senor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 05, 2023	Apr. 08, 2023~ Apr. 11, 2023	Jan. 04, 2024	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 05, 2023	Apr. 08, 2023~ Apr. 11, 2023	Jan. 04, 2024	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 13, 2022	Apr. 19, 2023	Oct. 12, 2023	Radiation (03CH05-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150244	10Hz-44G,MAX 30dB	Mar. 24, 2023	Apr. 19, 2023	Mar. 23, 2024	Radiation (03CH05-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 16, 2022	Apr. 19, 2023	Oct. 15, 2023	Radiation (03CH05-KS)
Bilog Antenna	TeseQ	CBL6111D	49922	30MHz-1GHz	May 24 ,2022	Apr. 19, 2023	May 23, 2023	Radiation (03CH05-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218642	1GHz~18GHz	Apr. 06, 2023	Apr. 19, 2023	Apr. 05, 2024	Radiation (03CH05-KS)
SHF-EHF Horn	Com-power	AH-840	101093	18GHz~40GHz	Jan. 08, 2023	Apr. 19, 2023	Jan. 07, 2024	Radiation (03CH05-KS)
Amplifier	SONOMA	310N	380826	9KHz-1GHz	Jul. 11, 2022	Apr. 19, 2023	Jul. 10, 2023	Radiation (03CH05-KS)
Amplifier	EM	EM18G40GA	060852	18~40GHz	Jan. 05, 2023	Apr. 19, 2023	Jan. 04, 2024	Radiation (03CH05-KS)
high gain Amplifier	EM	EM01G18GA	060839	1Ghz-18Ghz	Oct. 12, 2022	Apr. 19, 2023	Oct. 11, 2023	Radiation (03CH05-KS)
Amplifier	EM	EM01G18GA	060833	1Ghz-18Ghz	Jan. 05, 2023	Apr. 19, 2023	Jan. 04, 2024	Radiation (03CH05-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Apr. 19, 2023	NCR	Radiation (03CH05-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Apr. 19, 2023	NCR	Radiation (03CH05-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Apr. 19, 2023	NCR	Radiation (03CH05-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 24, 2022	May 09, 2023	May 23, 2023	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 13, 2022	May 09, 2023	Oct. 12, 2023	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 24, 2022	May 09, 2023	May 23, 2023	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 12, 2022	May 09, 2023	Oct. 11, 2023	Conduction (CO01-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	±0.48 dB
Occupied Channel Bandwidth	±0.1 %
Conducted Power Spectral Density	±0.40 dB

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.28dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.88dB

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

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

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

Appendix A. Conducted Test Results

Report Number : FR2D2912D

Test Engineer:	ai kun	Temperature:	21~25	°C
Test Date:	2023.4.8~2023.4.11	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	16.38	16.38	18.63	18.53	-		22.14			
11a	6Mbps	2	44	5220	16.38	16.38	18.68	18.63	-		22.14			
11a	6Mbps	2	48	5240	16.38	16.38	18.73	18.63	-		22.14			
VHT20	MCS0	2	36	5180	17.58	17.58	19.63	19.68	-		22.45			
VHT20	MCS0	2	44	5220	17.58	17.58	19.68	19.63	-		22.45			
VHT20	MCS0	2	48	5240	17.58	17.53	19.68	19.58	-		22.44			
VHT40	MCS0	2	38	5190	36.26	36.26	41.54	41.09	-		23.01			
VHT40	MCS0	2	46	5230	36.36	36.36	41.09	41.09	-		23.01			
VHT80	MCS0	2	42	5210	74.69	74.69	81.04	81.04	-		23.01			

TEST RESULTS DATA
Average Power Table

U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180	14.67	15.45	18.09	24.00		1.14			Pass
11a	6Mbps	2	44	5220	14.28	14.83	17.58	24.00		1.14			Pass
11a	6Mbps	2	48	5240	14.54	15.50	18.06	24.00		1.14			Pass
HT20	MCS0	2	36	5180	15.52	16.22	18.90	24.00		1.14			Pass
HT20	MCS0	2	44	5220	15.30	15.70	18.52	24.00		1.14			Pass
HT20	MCS0	2	48	5240	15.35	15.79	18.59	24.00		1.14			Pass
HT40	MCS0	2	38	5190	12.45	12.78	15.62	24.00		1.14			Pass
HT40	MCS0	2	46	5230	16.06	17.29	19.72	24.00		1.14			Pass
VHT20	MCS0	2	36	5180	15.69	16.30	19.02	24.00		1.14			Pass
VHT20	MCS0	2	44	5220	15.43	15.76	18.61	24.00		1.14			Pass
VHT20	MCS0	2	48	5240	15.48	15.89	18.70	24.00		1.14			Pass
VHT40	MCS0	2	38	5190	13.48	14.12	16.83	24.00		1.14			Pass
VHT40	MCS0	2	46	5230	16.11	17.30	19.76	24.00		1.14			Pass
VHT80	MCS0	2	42	5210	11.55	12.02	14.80	24.00		1.14			Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	36	5180			6.28	11.00		4.15			Pass
11a	6Mbps	2	44	5220			6.25	11.00		4.15			Pass
11a	6Mbps	2	48	5240			5.61	11.00		4.15			Pass
VHT20	MCS0	2	36	5180			7.22	11.00		4.15			Pass
VHT20	MCS0	2	44	5220			7.32	11.00		4.15			Pass
VHT20	MCS0	2	48	5240			7.43	11.00		4.15			Pass
VHT40	MCS0	2	38	5190			2.75	11.00		4.15			Pass
VHT40	MCS0	2	46	5230			5.40	11.00		4.15			Pass
VHT80	MCS0	2	42	5210			-2.32	11.00		4.15			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	
11a	6Mbps	2	52	5260	16.38	16.38	18.68	18.68	23.14		29.14		23.71		
11a	6Mbps	2	60	5300	16.43	16.38	19.43	18.73	23.14		29.14		23.73		
11a	6Mbps	2	64	5320	16.43	16.38	19.48	18.68	23.14		29.14		23.71		
VHT20	MCS0	2	52	5260	17.58	17.48	19.73	19.68	23.43		29.43		23.94		
VHT20	MCS0	2	60	5300	17.58	17.53	20.08	19.68	23.44		29.44		23.94		
VHT20	MCS0	2	64	5320	17.58	17.58	19.93	19.68	23.45		29.45		23.94		
VHT40	MCS0	2	54	5270	36.46	36.36	41.99	40.91	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.56	36.26	41.54	40.64	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	74.69	74.57	80.72	80.56	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

U-NII-2A MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260	15.40	15.75	18.59	23.71		1.00		26.99	Pass
11a	6Mbps	2	60	5300	17.10	17.45	20.29	23.73		1.00		26.99	Pass
11a	6Mbps	2	64	5320	17.41	17.61	20.53	23.71		1.00		26.99	Pass
HT20	MCS0	2	52	5260	16.64	16.73	19.70	23.98		1.00		26.99	Pass
HT20	MCS0	2	60	5300	16.78	16.81	19.81	23.98		1.00		26.99	Pass
HT20	MCS0	2	64	5320	17.08	16.99	20.05	23.98		1.00		26.99	Pass
HT40	MCS0	2	54	5270	16.78	16.57	19.68	23.98		1.00		26.99	Pass
HT40	MCS0	2	62	5310	16.60	17.30	19.97	23.98		1.00		26.99	Pass
VHT20	MCS0	2	52	5260	16.70	16.79	19.76	23.94		1.00		26.99	Pass
VHT20	MCS0	2	60	5300	16.82	16.87	19.86	23.94		1.00		26.99	Pass
VHT20	MCS0	2	64	5320	17.11	17.06	20.10	23.94		1.00		26.99	Pass
VHT40	MCS0	2	54	5270	16.81	16.60	19.72	23.98		1.00		26.99	Pass
VHT40	MCS0	2	62	5310	16.60	17.32	19.99	23.98		1.00		26.99	Pass
VHT80	MCS0	2	58	5290	16.37	15.95	19.17	23.98		1.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	52	5260			5.66	11.00		4.01			Pass
11a	6Mbps	2	60	5300			6.83	11.00		4.01			Pass
11a	6Mbps	2	64	5320			6.69	11.00		4.01			Pass
VHT20	MCS0	2	52	5260			7.56	11.00		4.01			Pass
VHT20	MCS0	2	60	5300			7.87	11.00		4.01			Pass
VHT20	MCS0	2	64	5320			7.60	11.00		4.01			Pass
VHT40	MCS0	2	54	5270			5.13	11.00		4.01			Pass
VHT40	MCS0	2	62	5310			5.73	11.00		4.01			Pass
VHT80	MCS0	2	58	5290			0.67	11.00		4.01			Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1	Ant 0	Ant 1
11a	6Mbps	2	100	5500	16.53	16.38	20.68	18.68	23.14		29.14		23.71	
11a	6Mbps	2	116	5580	16.58	16.38	21.68	18.78	23.14		29.14		23.74	
11a	6Mbps	2	140	5700	16.48	16.33	20.38	18.58	23.13		29.13		23.69	
VHT20	MCS0	2	100	5500	17.63	17.53	20.88	19.68	23.44		29.44		23.94	
VHT20	MCS0	2	116	5580	17.58	17.53	19.98	19.73	23.44		29.44		23.95	
VHT20	MCS0	2	140	5700	17.68	17.53	20.73	19.68	23.44		29.44		23.94	
VHT40	MCS0	2	102	5510	36.46	36.16	42.08	41.18	23.98		30.00		23.98	
VHT40	MCS0	2	110	5550	36.66	36.36	42.62	41.27	23.98		30.00		23.98	
VHT40	MCS0	2	134	5670	36.46	36.26	42.08	41.18	23.98		30.00		23.98	
VHT80	MCS0	2	106	5530	74.57	74.45	81.20	80.40	23.98		30.00		23.98	
VHT80	MCS0	2	122	5610	74.69	74.45	82.16	81.04	23.98		30.00		23.98	

TEST RESULTS DATA
Average Power Table

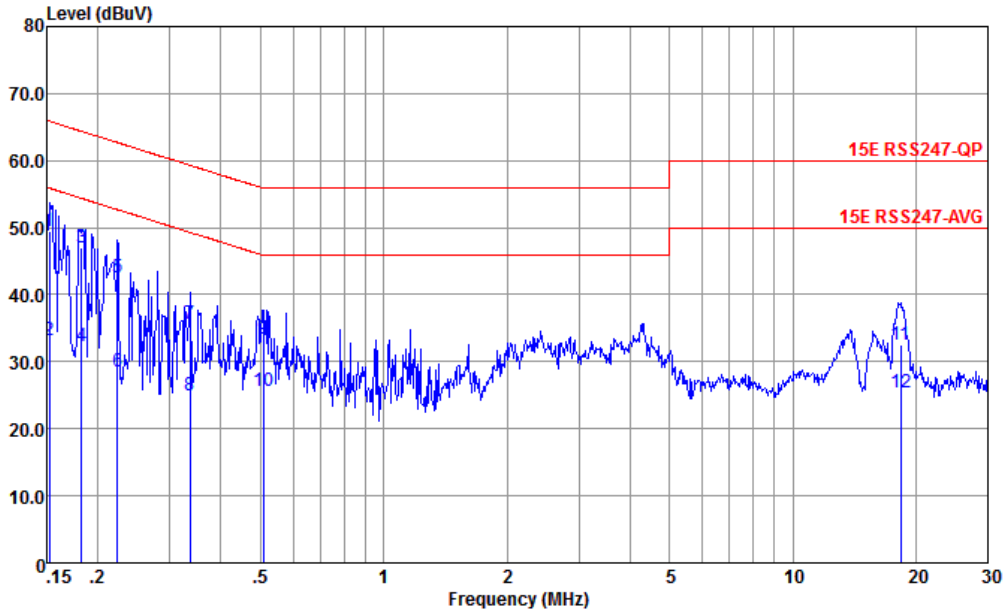
U-NII-2C MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 0	Ant 1	Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500	1.35	1.35	17.27	17.56	20.43	23.71		0.60		26.99	Pass
11a	6Mbps	2	116	5580	1.35	1.35	18.39	18.49	21.45	23.74		0.60		26.99	Pass
11a	6Mbps	2	140	5700	1.35	1.35	18.37	18.22	21.31	23.69		0.60		26.99	Pass
HT20	MCS0	2	100	5500	1.43	1.43	17.11	17.00	20.07	23.98		0.60		26.99	Pass
HT20	MCS0	2	116	5580	1.43	1.43	17.04	16.69	19.88	23.98		0.60		26.99	Pass
HT20	MCS0	2	140	5700	1.43	1.43	17.39	16.92	20.17	23.98		0.60		26.99	Pass
HT40	MCS0	2	102	5510	2.54	2.54	13.60	12.67	16.17	23.98		0.60		26.99	Pass
HT40	MCS0	2	110	5550	2.54	2.54	17.40	17.20	20.31	23.98		0.60		26.99	Pass
HT40	MCS0	2	134	5670	2.54	2.54	17.09	16.56	19.84	23.98		0.60		26.99	Pass
VHT20	MCS0	2	100	5500	1.45	1.45	17.17	17.09	20.14	23.94		0.60		26.99	Pass
VHT20	MCS0	2	116	5580	1.45	1.45	17.08	16.77	19.94	23.95		0.60		26.99	Pass
VHT20	MCS0	2	140	5700	1.45	1.45	17.45	16.97	20.23	23.94		0.60		26.99	Pass
VHT40	MCS0	2	102	5510	2.51	2.51	14.29	13.17	16.78	23.98		0.60		26.99	Pass
VHT40	MCS0	2	110	5550	2.51	2.51	17.44	17.21	20.34	23.98		0.60		26.99	Pass
VHT40	MCS0	2	134	5670	2.51	2.51	17.11	16.59	19.87	23.98		0.60		26.99	Pass
VHT80	MCS0	2	106	5530	4.10	4.20	13.13	12.91	16.03	23.98		0.60		26.99	Pass
VHT80	MCS0	2	122	5610	4.10	4.20	16.36	15.97	19.18	23.98		0.60		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2C MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 0	Ant 1	SUM	Ant 0	Ant 1	Ant 0	Ant 1		
11a	6Mbps	2	100	5500			7.56	11.00		3.61			Pass
11a	6Mbps	2	116	5580			8.44	11.00		3.61			Pass
11a	6Mbps	2	140	5700			7.94	11.00		3.61			Pass
VHT20	MCS0	2	100	5500			8.35	11.00		3.61			Pass
VHT20	MCS0	2	116	5580			7.46	11.00		3.61			Pass
VHT20	MCS0	2	140	5700			8.68	11.00		3.61			Pass
VHT40	MCS0	2	102	5510			2.82	11.00		3.61			Pass
VHT40	MCS0	2	110	5550			5.97	11.00		3.61			Pass
VHT40	MCS0	2	134	5670			5.23	11.00		3.61			Pass
VHT80	MCS0	2	106	5530			-1.04	11.00		3.61			Pass
VHT80	MCS0	2	122	5610			1.15	11.00		3.61			Pass

Appendix B. AC Conducted Emission Test Results

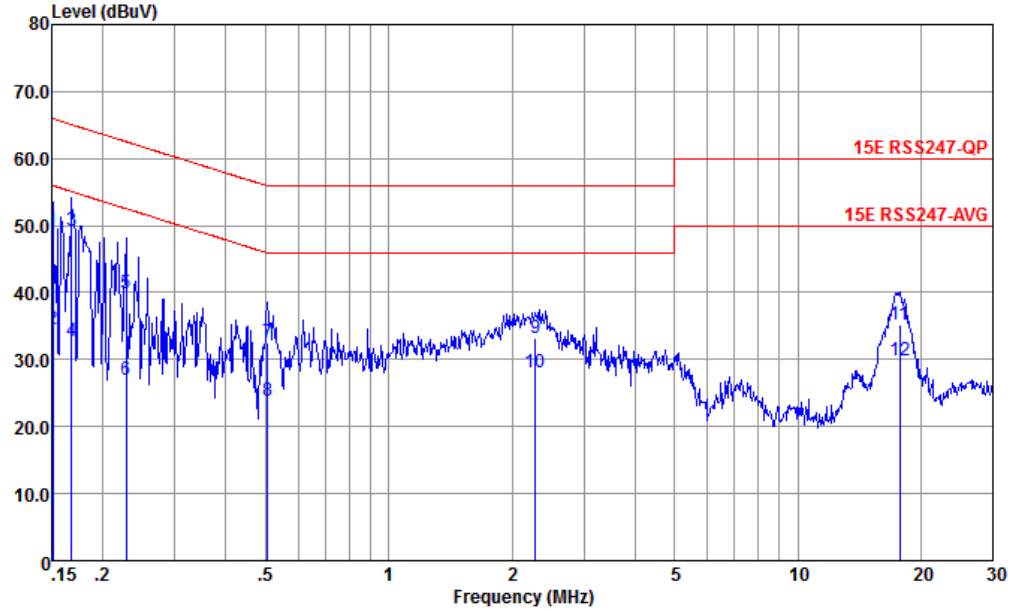
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



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

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.152	49.40	-16.47	65.87	38.90	0.07	10.43	QP
2		0.152	33.10	-22.77	55.87	22.60	0.07	10.43	Average
3		0.182	47.06	-17.31	64.37	36.60	0.04	10.42	QP
4		0.182	32.36	-22.01	54.37	21.90	0.04	10.42	Average
5		0.223	42.63	-20.07	62.70	32.20	0.03	10.40	QP
6		0.223	28.63	-24.07	52.70	18.20	0.03	10.40	Average
7		0.336	35.67	-23.64	59.31	25.30	0.04	10.33	QP
8		0.336	24.93	-24.38	49.31	14.56	0.04	10.33	Average
9		0.507	33.47	-22.53	56.00	23.29	-0.03	10.21	QP
10		0.507	25.67	-20.33	46.00	15.49	-0.03	10.21	Average
11		18.328	32.57	-27.43	60.00	21.56	-0.29	11.30	QP
12		18.328	25.31	-24.69	50.00	14.30	-0.29	11.30	Average

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



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

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.151	49.26	-16.70	65.96	38.80	0.03	10.43	QP
2		0.151	34.56	-21.40	55.96	24.10	0.03	10.43	Average
3	*	0.168	49.26	-15.82	65.08	38.79	0.04	10.43	QP
4		0.168	32.76	-22.32	55.08	22.29	0.04	10.43	Average
5		0.228	39.92	-22.60	62.52	29.50	0.02	10.40	QP
6		0.228	27.02	-25.50	52.52	16.60	0.02	10.40	Average
7		0.505	32.63	-23.37	56.00	22.50	-0.08	10.21	QP
8		0.505	23.93	-22.07	46.00	13.80	-0.08	10.21	Average
9		2.285	33.14	-22.86	56.00	23.20	-0.12	10.06	QP
10		2.285	28.14	-17.86	46.00	18.20	-0.12	10.06	Average
11		17.755	35.25	-24.75	60.00	24.20	-0.24	11.29	QP
12		17.755	29.95	-20.05	50.00	18.90	-0.24	11.29	Average

Note:

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

Appendix C. Radiated Spurious Emission Test Data

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

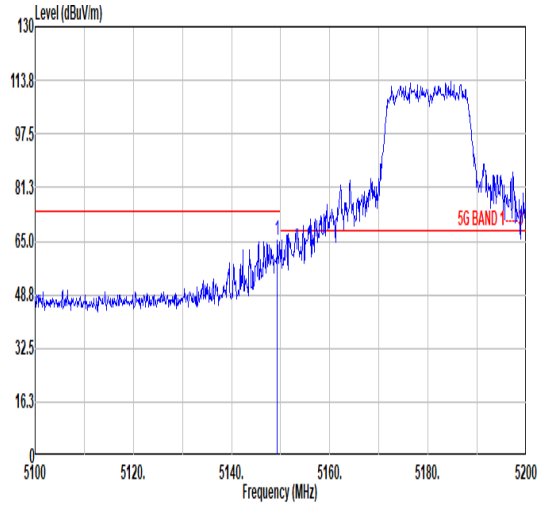
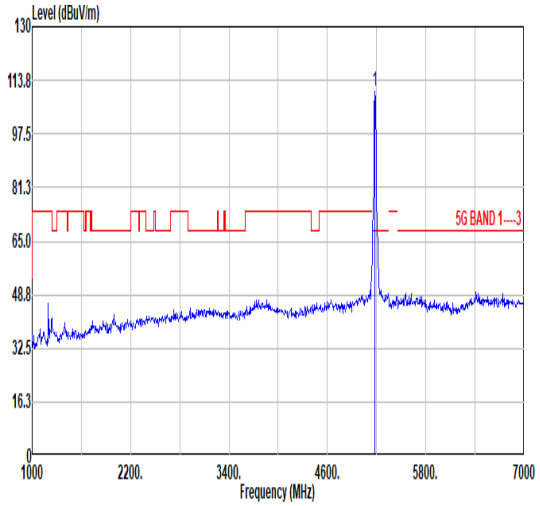
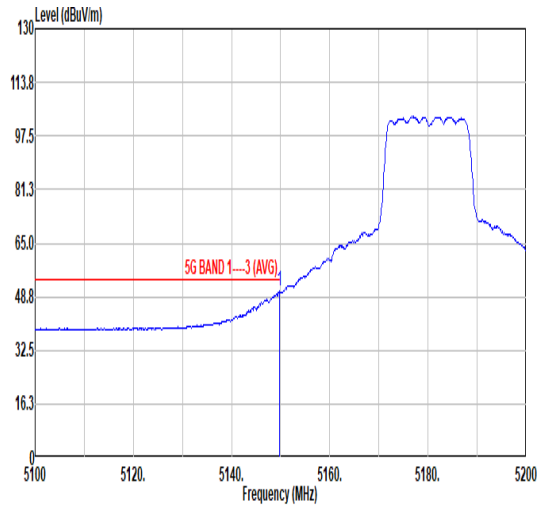
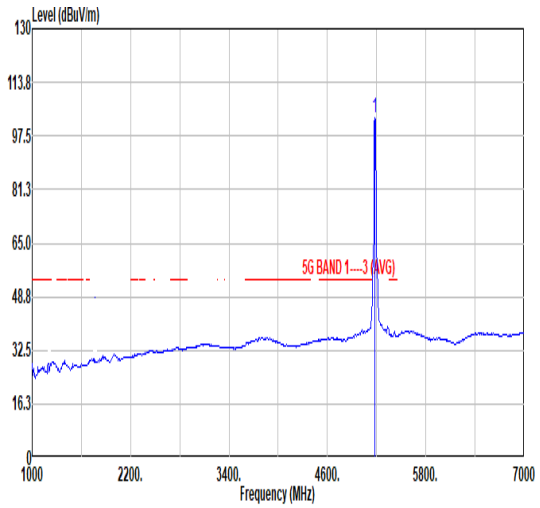
Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	Remark
Mode 1	U-NII-1	5.15-5.25	CDD 0+1	802.11a	36	5180	6Mbps	-
Mode 2	U-NII-1	5.15-5.25	CDD 0+1	802.11a	44	5220	6Mbps	-
Mode 3	U-NII-1	5.15-5.25	CDD 0+1	802.11a	48	5240	6Mbps	-
Mode 4	U-NII-2A	5.25-5.35	CDD 0+1	802.11a	52	5260	6Mbps	-
Mode 5	U-NII-2A	5.25-5.35	CDD 0+1	802.11a	60	5300	6Mbps	-
Mode 6	U-NII-2A	5.25-5.35	CDD 0+1	802.11a	64	5320	6Mbps	-
Mode 7	U-NII-2C	5.47-5.725	CDD 0+1	802.11a	100	5500	6Mbps	-
Mode 8	U-NII-2C	5.47-5.725	CDD 0+1	802.11a	116	5580	6Mbps	-
Mode 9	U-NII-2C	5.47-5.725	CDD 0+1	802.11a	140	5700	6Mbps	-
Mode 10	U-NII-1	5.15-5.25	CDD 0+1	802.11ac VHT20	36	5180	MCS0	-
Mode 11	U-NII-1	5.15-5.25	CDD 0+1	802.11ac VHT20	44	5220	MCS0	-
Mode 12	U-NII-1	5.15-5.25	CDD 0+1	802.11ac VHT20	48	5240	MCS0	-
Mode 13	U-NII-2A	5.25-5.35	CDD 0+1	802.11ac VHT20	52	5260	MCS0	-
Mode 14	U-NII-2A	5.25-5.35	CDD 0+1	802.11ac VHT20	60	5300	MCS0	-
Mode 15	U-NII-2A	5.25-5.35	CDD 0+1	802.11ac VHT20	64	5320	MCS0	-
Mode 16	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT20	100	5500	MCS0	-
Mode 17	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT20	116	5580	MCS0	-
Mode 18	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT20	140	5700	MCS0	-
Mode 19	U-NII-1	5.15-5.25	CDD 0+1	802.11ac VHT40	38	5190	MCS0	-
Mode 20	U-NII-1	5.15-5.25	CDD 0+1	802.11ac VHT40	46	5230	MCS0	-
Mode 21	U-NII-2A	5.25-5.35	CDD 0+1	802.11ac VHT40	54	5270	MCS0	-
Mode 22	U-NII-2A	5.25-5.35	CDD 0+1	802.11ac VHT40	62	5310	MCS0	-
Mode 23	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT40	102	5510	MCS0	-
Mode 24	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT40	110	5550	MCS0	-
Mode 25	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT40	134	5670	MCS0	-
Mode 26	U-NII-1	5.15-5.25	CDD 0+1	802.11ac VHT80	42	5210	MCS0	-
Mode 27	U-NII-2A	5.25-5.35	CDD 0+1	802.11ac VHT80	58	5290	MCS0	-
Mode 28	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT80	106	5530	MCS0	-
Mode 29	U-NII-2C	5.47-5.725	CDD 0+1	802.11ac VHT80	122	5610	MCS0	-

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.80	50.42	54.00	-3.58	H	AVERAGE	Pass	Band Edge
	802.11a	36	15540.00	48.86	54.00	-5.14	V	AVERAGE	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
	802.11a	44	15660.00	50.82	54.00	-3.18	V	AVERAGE	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
	802.11a	48	15720.00	50.56	54.00	-3.44	V	AVERAGE	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
	802.11a	52	15780.00	50.32	54.00	-3.68	V	AVERAGE	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
	802.11a	60	15900.00	50.79	54.00	-3.21	V	AVERAGE	Pass	Harmonic
6	802.11a	64	5350.00	44.11	54.00	-9.89	H	AVERAGE	Pass	Band Edge
	802.11a	64	15960.00	50.94	54.00	-3.06	V	AVERAGE	Pass	Harmonic
7	802.11a	100	5468.56	64.68	68.30	-3.62	H	PEAK	Pass	Band Edge
	802.11a	100	11000.00	46.87	54.00	-7.13	V	AVERAGE	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
	802.11a	116	16747.10	62.76	68.30	-5.54	V	PEAK	Pass	Harmonic
9	802.11a	140	5726.44	64.58	68.30	-3.72	H	PEAK	Pass	Band Edge
	802.11a	140	11400.00	46.43	54.00	-7.57	V	AVERAGE	Pass	Harmonic
10	802.11ac VHT20	36	5150.00	50.59	54.00	-3.41	H	AVERAGE	Pass	Band Edge
	802.11ac VHT20	36	15540.00	47.46	54.00	-6.54	V	AVERAGE	Pass	Harmonic
11	802.11ac VHT20	44	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	44	15660.00	50.95	54.00	-3.05	V	AVERAGE	Pass	Harmonic
12	802.11ac VHT20	48	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	48	15720.00	50.48	54.00	-3.52	V	AVERAGE	Pass	Harmonic
13	802.11ac VHT20	52	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	52	15780.00	50.08	54.00	-3.92	V	AVERAGE	Pass	Harmonic
14	802.11ac VHT20	60	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	60	15900.00	48.68	54.00	-5.32	V	AVERAGE	Pass	Harmonic
15	802.11ac VHT20	64	5350.60	44.97	54.00	-9.03	H	AVERAGE	Pass	Band Edge
	802.11ac VHT20	64	15960.00	48.74	54.00	-5.26	V	AVERAGE	Pass	Harmonic
16	802.11ac VHT20	100	5467.28	64.97	68.30	-3.33	H	PEAK	Pass	Band Edge
	802.11ac VHT20	100	11000.00	44.08	54.00	-9.92	V	AVERAGE	Pass	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
17	802.11ac VHT20	116	-	-	-	-	-	-	-	Band Edge
	802.11ac VHT20	116	16732.80	55.87	68.30	-12.43	V	PEAK	Pass	Harmonic
18	802.11ac VHT20	140	5726.68	62.30	68.30	-6.00	H	PEAK	Pass	Band Edge
	802.11ac VHT20	140	17093.60	54.72	68.30	-13.58	V	PEAK	Pass	Harmonic
19	802.11ac VHT40	38	5149.28	50.56	54.00	-3.44	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	38	15570.00	42.27	54.00	-11.73	V	AVERAGE	Pass	Harmonic
20	802.11ac VHT40	46	5145.92	41.57	54.00	-12.43	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	46	15690.00	49.75	54.00	-4.25	V	AVERAGE	Pass	Harmonic
21	802.11ac VHT40	54	5359.87	40.43	54.00	-13.57	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	54	15810.00	48.88	54.00	-5.12	V	AVERAGE	Pass	Harmonic
22	802.11ac VHT40	62	5350.00	50.16	54.00	-3.84	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	62	15930.00	47.74	54.00	-6.26	V	AVERAGE	Pass	Harmonic
23	802.11ac VHT40	102	5468.08	64.83	68.30	-3.47	H	PEAK	Pass	Band Edge
	802.11ac VHT40	102	7962.50	51.27	68.30	-17.03	V	PEAK	Pass	Harmonic
24	802.11ac VHT40	110	5459.60	43.34	54.00	-10.66	H	AVERAGE	Pass	Band Edge
	802.11ac VHT40	110	16637.10	57.50	68.30	-10.80	V	PEAK	Pass	Harmonic
25	802.11ac VHT40	134	5727.96	56.22	68.30	-12.08	H	PEAK	Pass	Band Edge
	802.11ac VHT40	134	17004.50	54.02	68.30	-14.28	V	PEAK	Pass	Harmonic
26	802.11ac VHT80	42	5149.60	50.62	54.00	-3.38	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	42	7964.70	51.45	68.30	-16.85	V	PEAK	Pass	Harmonic
27	802.11ac VHT80	58	5350.70	50.29	54.00	-3.71	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	58	15870.00	43.15	54.00	-10.85	V	AVERAGE	Pass	Harmonic
28	802.11ac VHT80	106	5458.00	50.56	54.00	-3.44	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	106	7965.80	50.67	68.30	-17.63	V	Peak	Pass	Harmonic
29	802.11ac VHT80	122	5449.84	46.75	54.00	-7.25	H	AVERAGE	Pass	Band Edge
	802.11ac VHT80	122	16807.60	52.57	68.30	-15.73	V	PEAK	Pass	Harmonic
11	802.11ac VHT20	44	44.55	28.11	40.00	-11.89	V	PEAK	Pass	LF

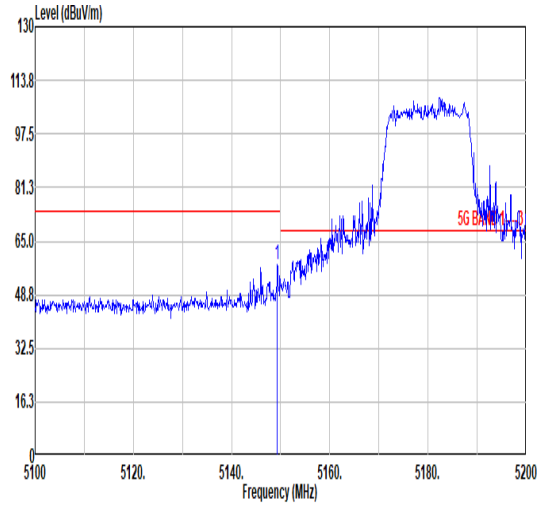
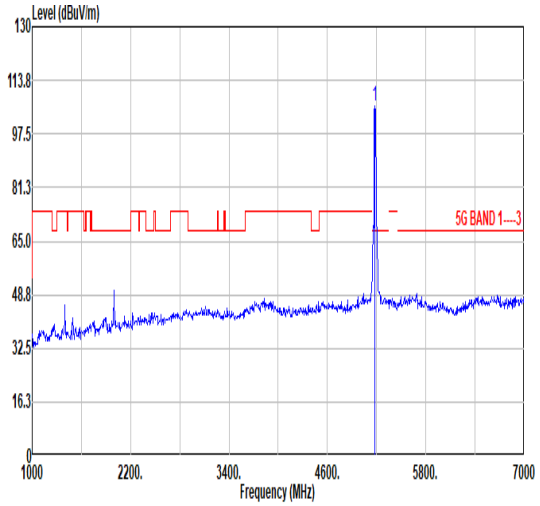
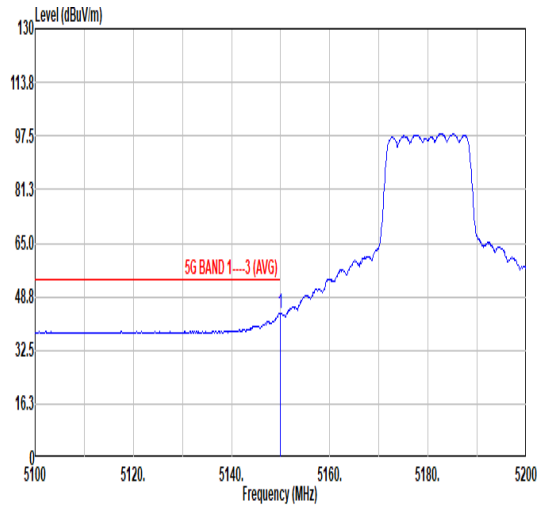
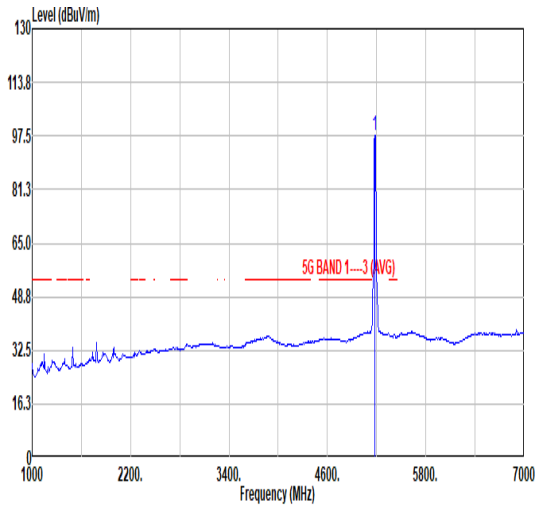
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.30	65.29	74.00	-8.71	57.63	34.10	10.61	37.05	0.00	100	173	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	110.29	------	------	102.48	34.16	10.64	36.99	0.00	100	173	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.80	50.42	54.00	-3.58	42.76	34.10	10.61	37.05	0.00	100	173	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	103.10	------	------	95.31	34.15	10.64	37.00	0.00	100	173	AVERAGE

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	CDD 0+1	
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	5149.30	57.80	74.00	-16.20	50.14	34.10	10.61	37.05	0.00	361	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	5180.00	105.85	------	------	98.04	34.16	10.64	36.99	0.00	361	86	PEAK

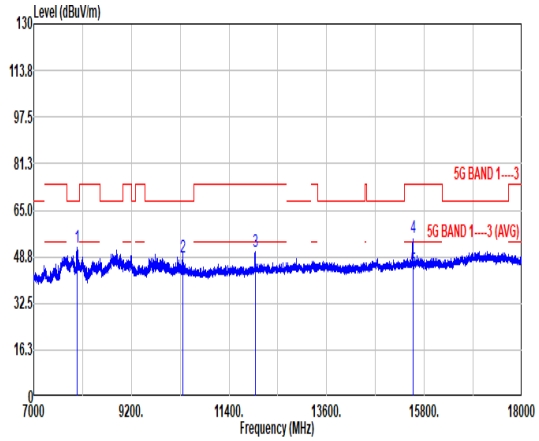
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.90	43.81	54.00	-10.19	36.15	34.10	10.61	37.05	0.00	361	86	AVERAGE

	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	5180.00	97.65	------	------	89.84	34.16	10.64	36.99	0.00	361	86	AVERAGE

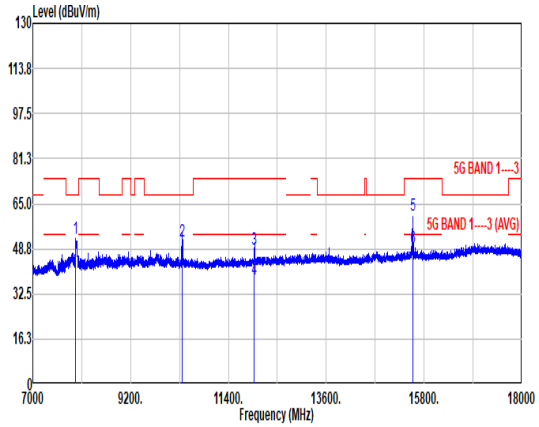
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical

Peak

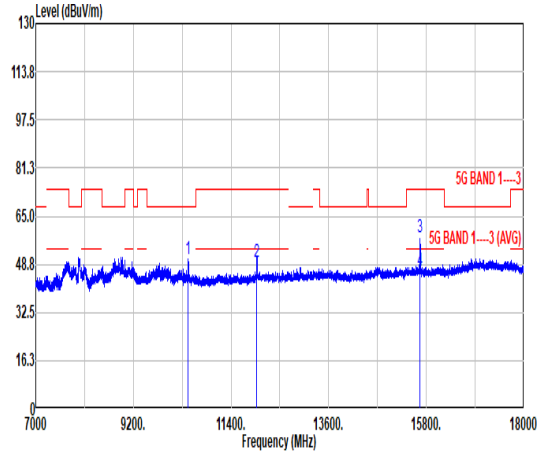
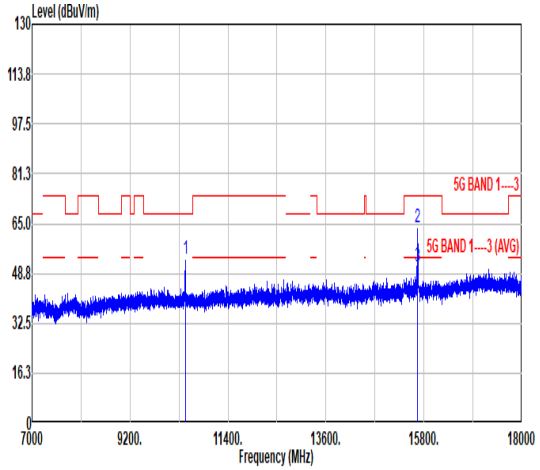
Avg



	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	7976.80	52.20	68.30	-16.10	70.07	35.80	13.33	67.00	0.00	---	---	Peak
2	10360.00	48.49	68.30	-19.81	63.02	37.16	15.45	67.14	0.00	---	---	PEAK
3	11986.30	50.65	74.00	-23.35	61.64	38.50	16.67	66.16	0.00	---	---	Peak
4	15540.00	55.43	74.00	-18.57	60.47	40.08	19.04	64.16	0.00	385	199	PEAK
5	15540.00	44.27	54.00	-9.73	49.31	40.08	19.04	64.16	0.00	385	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	7962.50	52.59	68.30	-15.71	70.48	35.80	13.32	67.01	0.00	---	---	Peak
2	10360.00	51.37	68.30	-16.93	65.90	37.16	15.45	67.14	0.00	---	---	PEAK
3	11981.34	48.64	74.00	-25.36	59.64	38.50	16.67	66.17	0.00	300	360	PEAK
4	11981.34	37.59	54.00	-16.41	48.59	38.50	16.67	66.17	0.00	300	360	AVERAGE
5	15540.00	61.03	74.00	-12.97	66.07	40.08	19.04	64.16	0.00	306	101	PEAK
6	15540.00	48.86	54.00	-5.14	53.90	40.08	19.04	64.16	0.00	306	101	AVERAGE

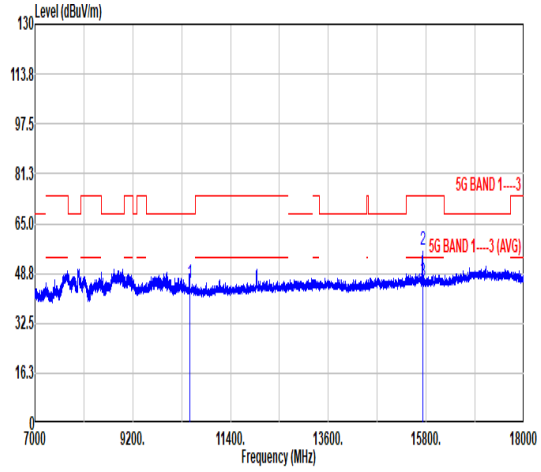
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg		

	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	10438.60	50.41	68.30	-17.89	64.80	37.20	15.52	67.11	0.00	---	---	Peak
2	11978.60	49.60	74.00	-24.40	60.60	38.50	16.67	66.17	0.00	---	---	Peak
3	15660.00	57.78	74.00	-16.22	62.63	40.20	19.12	64.17	0.00	338	267	PEAK
4	15660.00	46.40	54.00	-7.60	51.25	40.20	19.12	64.17	0.00	338	267	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	10440.00	53.60	68.30	-14.70	67.99	37.20	15.52	67.11	0.00	---	---	PEAK
2	15660.00	63.81	74.00	-10.19	68.66	40.20	19.12	64.17	0.00	300	108	PEAK
3	15660.00	50.82	54.00	-3.18	55.67	40.20	19.12	64.17	0.00	300	108	AVERAGE

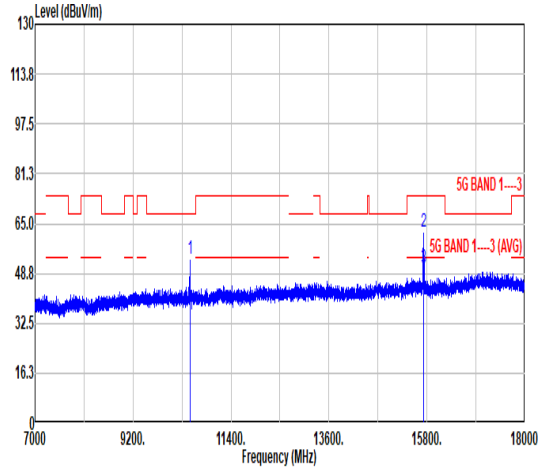
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical

Peak



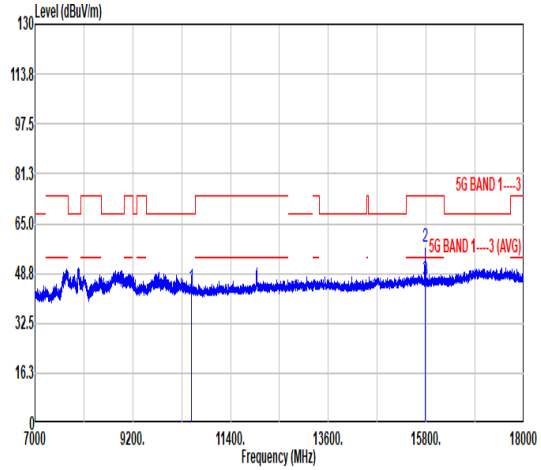
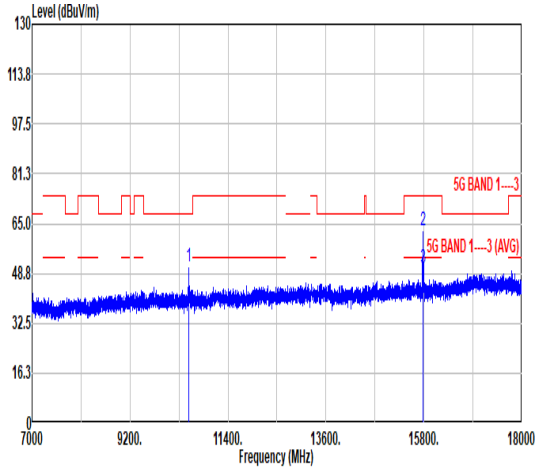
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	45.44	68.30	-22.86	59.78	37.20	15.56	67.10	0.00	---	---	PEAK
2	15720.00	56.65	74.00	-17.35	61.52	40.14	19.16	64.17	0.00	395	273	PEAK
3	15720.00	45.97	54.00	-8.03	50.84	40.14	19.16	64.17	0.00	395	273	AVERAGE

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	53.36	68.30	-14.94	67.70	37.20	15.56	67.10	0.00	---	---	PEAK
2	15720.00	62.46	74.00	-11.54	67.33	40.14	19.16	64.17	0.00	325	105	PEAK
3	15720.00	50.56	54.00	-3.44	55.43	40.14	19.16	64.17	0.00	325	105	AVERAGE

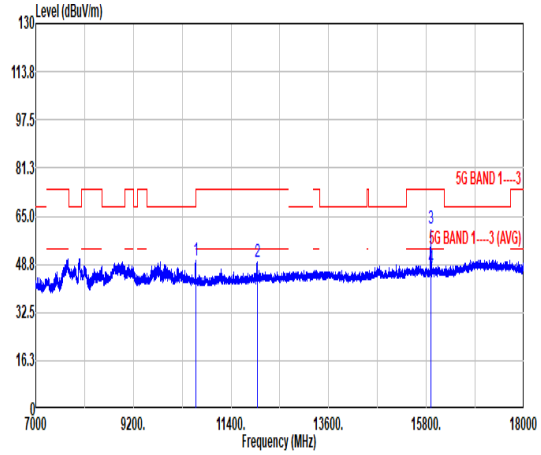
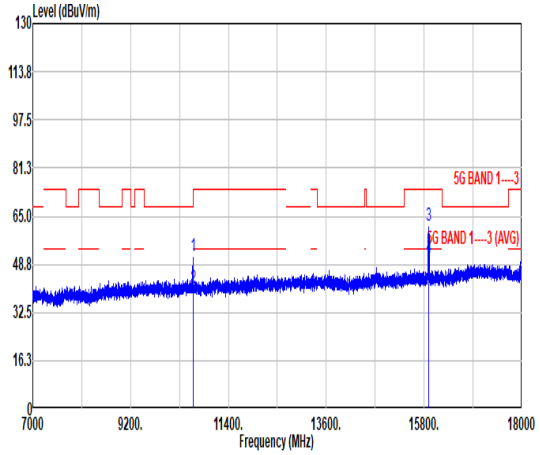
Mode	4
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz
ANT	CDD 0+1

Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10520.00	44.34	68.30	-23.96	58.60	37.22	15.60	67.08	0.00	---	---	PEAK
2	15780.00	57.19	74.00	-16.81	62.20	39.96	19.20	64.17	0.00	393	263	PEAK
3	15780.00	46.78	54.00	-7.22	51.79	39.96	19.20	64.17	0.00	393	263	AVERAGE

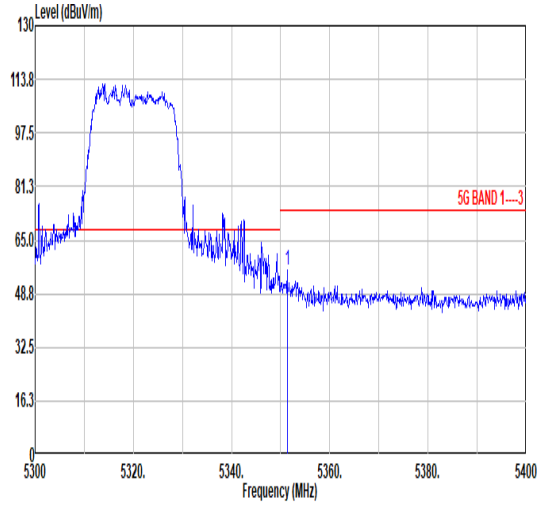
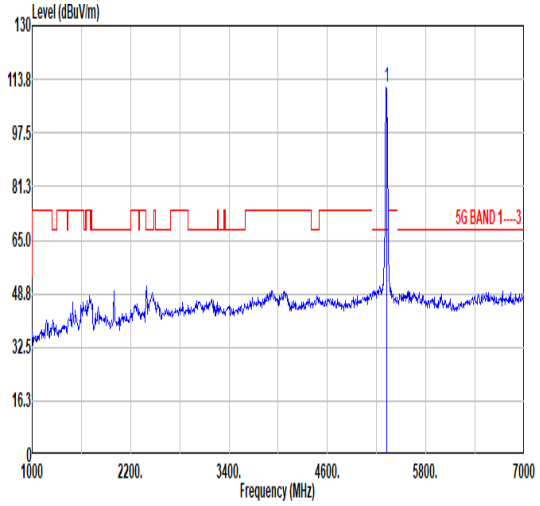
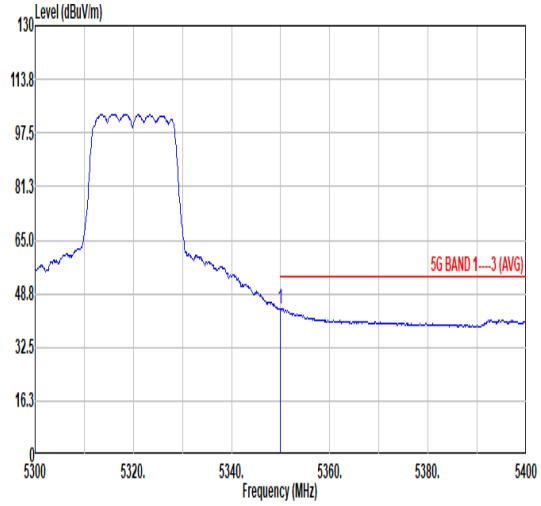
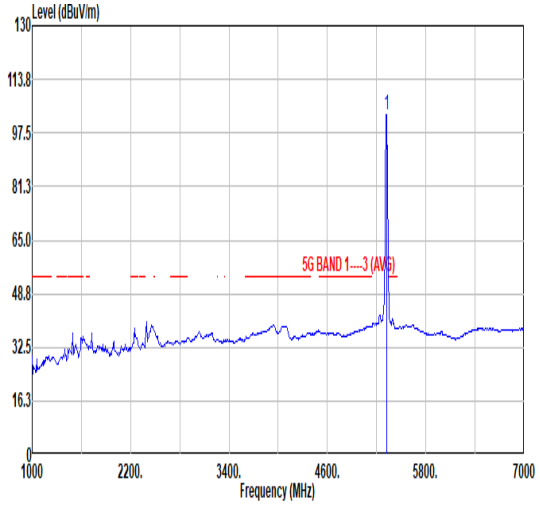
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10520.00	50.91	68.30	-17.39	65.17	37.22	15.60	67.08	0.00	---	---	PEAK
2	15780.00	62.73	74.00	-11.27	67.74	39.96	19.20	64.17	0.00	329	107	PEAK
3	15780.00	50.32	54.00	-3.68	55.33	39.96	19.20	64.17	0.00	329	107	AVERAGE

Mode	5
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz
ANT	CDD 0+1

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	49.94	74.00	-24.06	64.02	37.30	15.67	67.05	0.00	---	---	Peak
2	11988.50	49.70	74.00	-24.30	60.69	38.50	16.67	66.16	0.00	---	---	Peak
3	15900.00	61.00	74.00	-13.00	65.90	40.00	19.28	64.18	0.00	351	266	PEAK
4	15900.00	47.64	54.00	-6.36	52.54	40.00	19.28	64.18	0.00	351	266	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10600.00	51.46	68.30	-16.84	65.54	37.30	15.67	67.05	0.00	342	111	PEAK
2	10600.00	40.66	54.00	-13.34	54.74	37.30	15.67	67.05	0.00	342	111	AVERAGE
3	15900.00	62.03	74.00	-11.97	66.93	40.00	19.28	64.18	0.00	342	111	PEAK
4	15900.00	50.79	54.00	-3.21	55.69	40.00	19.28	64.18	0.00	342	111	AVERAGE

Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 0+1	
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	5351.30	56.05	74.00	-17.95	47.57	34.40	10.75	36.67	0.00	100	19	PEAK

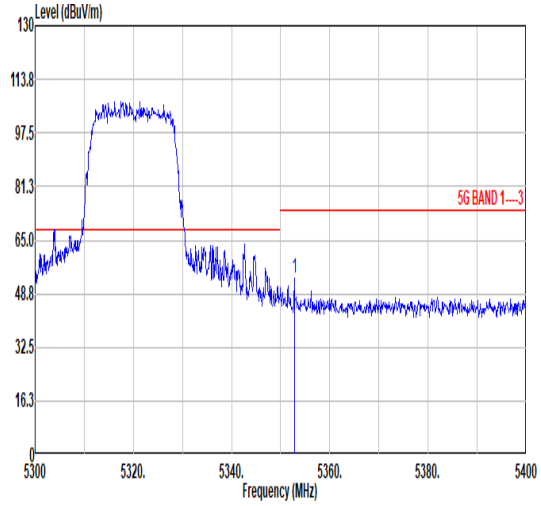
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	111.38	68.30	43.08	103.06	34.33	10.73	36.74	0.00	100	19	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5350.00	44.11	54.00	-9.89	35.63	34.40	10.75	36.67	0.00	100	19	AVERAGE

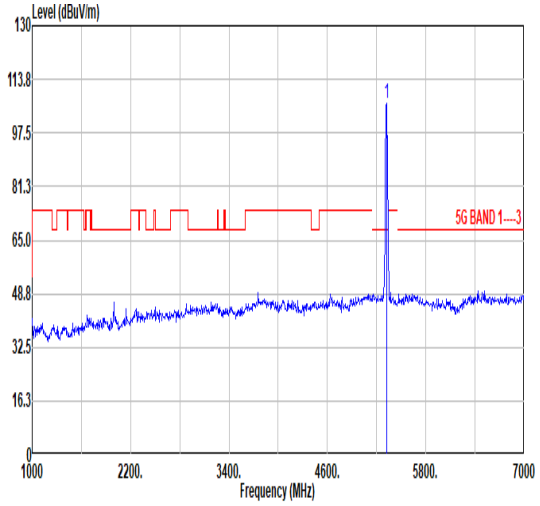
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	103.00	68.30	34.70	94.66	34.34	10.73	36.73	0.00	100	19	AVERAGE

Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental

Peak

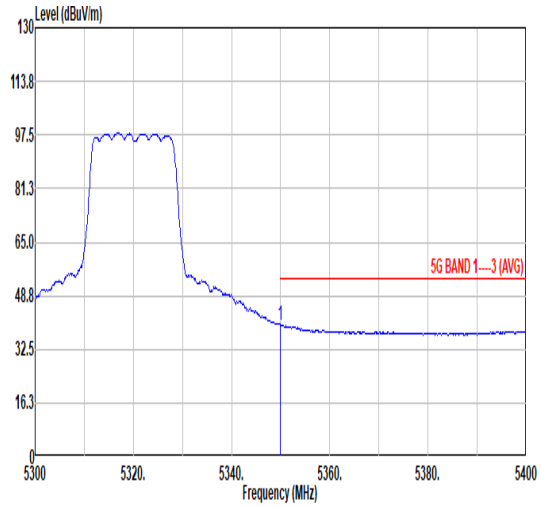


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5352.80	53.70	74.00	-20.30	45.22	34.40	10.75	36.67	0.00	342	64	PEAK

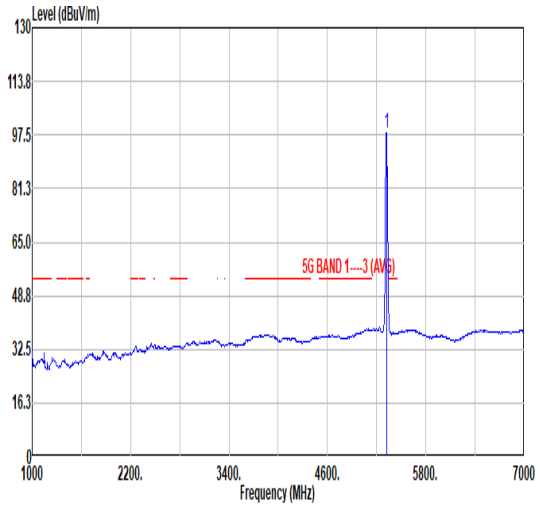


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	106.30	68.30	38.00	97.94	34.35	10.73	36.72	0.00	342	64	PEAK

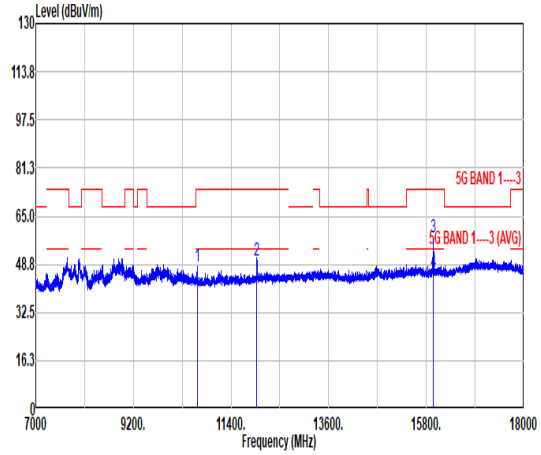
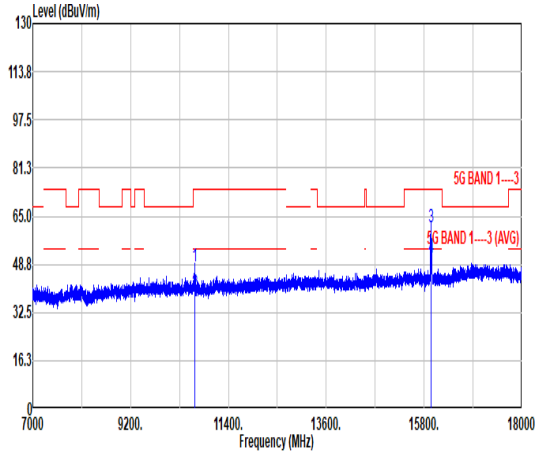
Avg



	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	5350.00	39.82	54.00	-14.18	31.34	34.40	10.75	36.67	0.00	342	64	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	98.14	68.30	29.84	89.80	34.34	10.73	36.73	0.00	342	64	AVERAGE

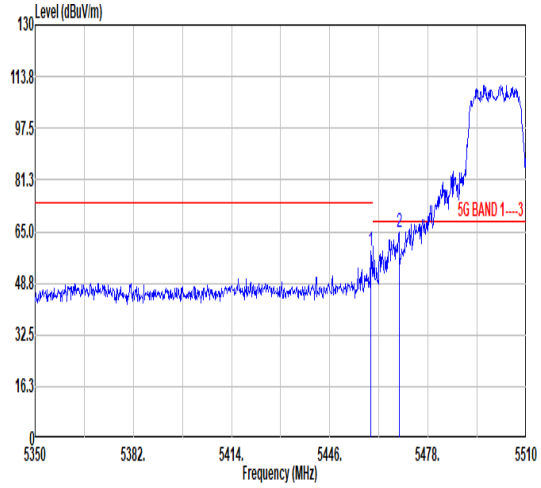
Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg		

	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	10641.00	48.09	74.00	-25.91	62.08	37.34	15.71	67.04	0.00	---	---	PEAK
2	11980.80	49.80	74.00	-24.20	60.80	38.50	16.67	66.17	0.00	---	---	PEAK
3	15960.00	58.08	74.00	-15.92	62.70	40.24	19.32	64.18	0.00	324	262	PEAK
4	15960.00	45.94	54.00	-8.06	50.56	40.24	19.32	64.18	0.00	324	262	AVERAGE

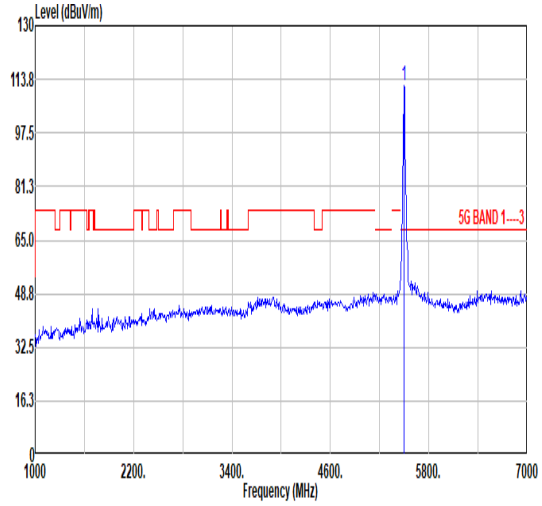
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10640.00	48.22	74.00	-25.78	62.21	37.34	15.71	67.04	0.00	335	104	PEAK
2	10640.00	39.05	54.00	-14.95	53.04	37.34	15.71	67.04	0.00	335	104	AVERAGE
3	15960.00	61.39	74.00	-12.61	66.01	40.24	19.32	64.18	0.00	335	104	PEAK
4	15960.00	50.94	54.00	-3.06	55.58	40.22	19.32	64.18	0.00	335	104	AVERAGE

Mode	7	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

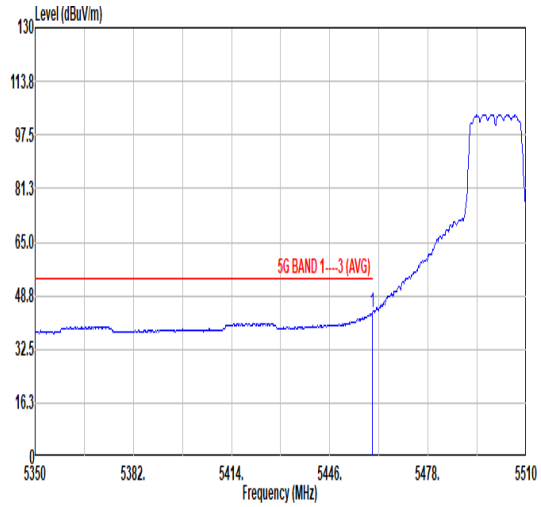


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.28	58.66	74.00	-15.34	49.86	34.42	10.84	36.46	0.00	100	130	PEAK
2	5468.56	64.68	68.30	-3.62	55.84	34.44	10.85	36.45	0.00	100	130	PEAK

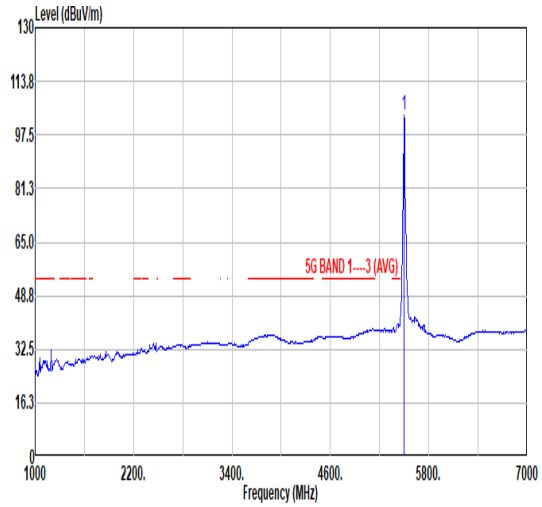


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	111.87	68.30	43.57	102.90	34.49	10.88	36.40	0.00	100	130	PEAK

Avg



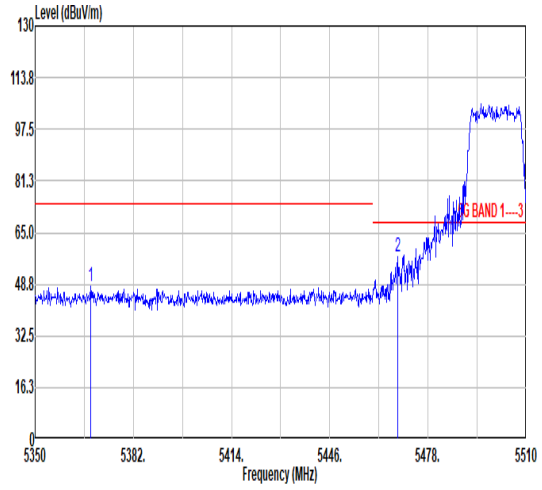
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.92	43.67	54.00	-10.33	34.87	34.42	10.84	36.46	0.00	100	130	AVERAGE



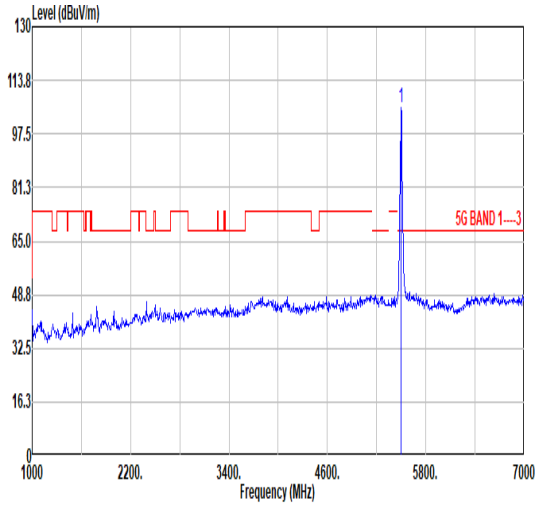
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	103.53	68.30	35.23	94.56	34.49	10.88	36.40	0.00	100	130	AVERAGE

Mode	7	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental

Peak

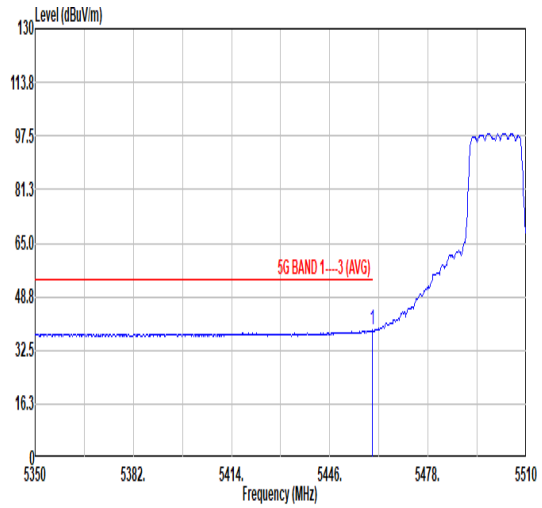


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5368.08	47.87	74.00	-26.13	39.35	34.40	10.76	36.64	0.00	304	61	PEAK
2	5468.24	57.59	68.30	-10.71	48.75	34.44	10.85	36.45	0.00	304	61	PEAK

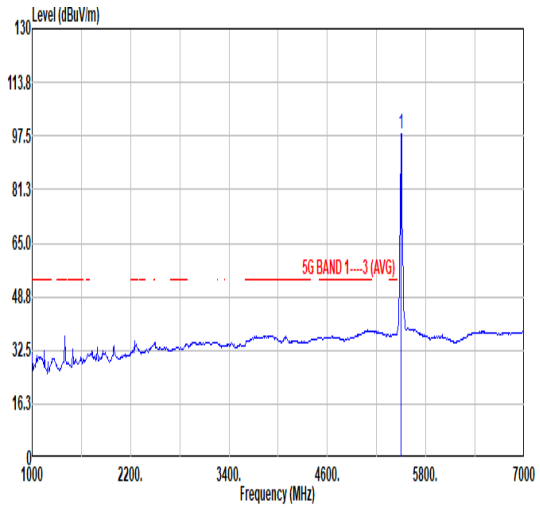


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	105.25	68.30	36.95	96.25	34.50	10.89	36.39	0.00	304	61	PEAK

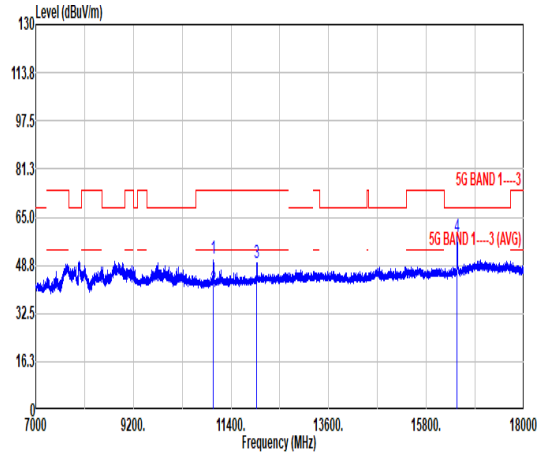
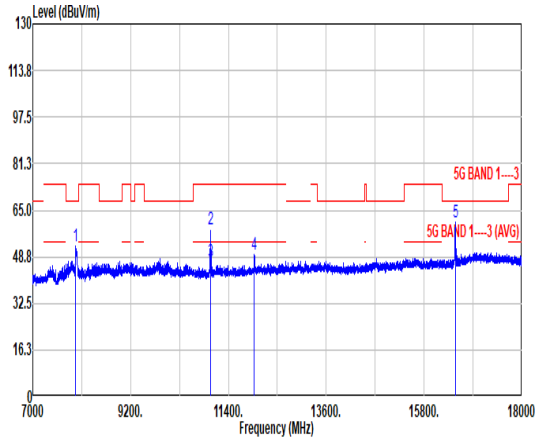
Avg



	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	38.51	54.00	-15.49	29.71	34.42	10.84	36.46	0.00	304	61	AVERAGE



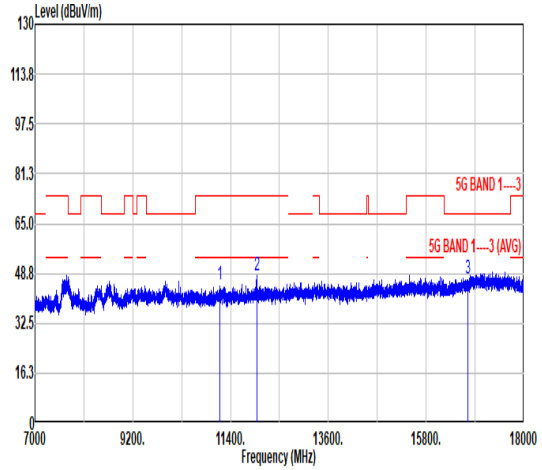
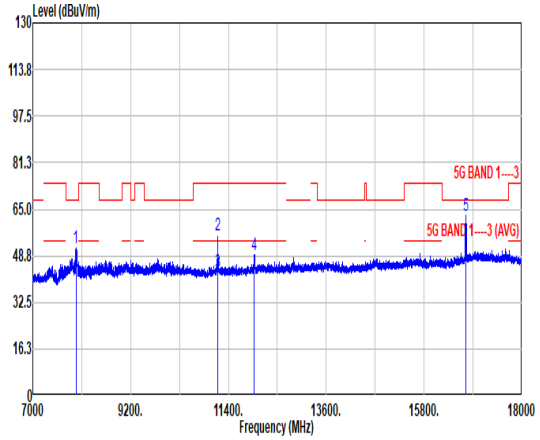
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	98.16	68.30	29.86	89.15	34.50	10.89	36.38	0.00	304	61	AVERAGE

Mode	7	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 0+1	
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	51.15	74.00	-22.85	64.12	37.90	16.04	66.91	0.00	320	233	PEAK
2	11000.00	40.86	54.00	-13.14	53.83	37.90	16.04	66.91	0.00	320	233	AVERAGE
3	11984.10	49.34	74.00	-24.66	60.34	38.50	16.67	66.17	0.00	---	---	PEAK
4	16494.10	58.48	68.30	-9.82	61.91	41.25	19.67	64.35	0.00	---	---	PEAK

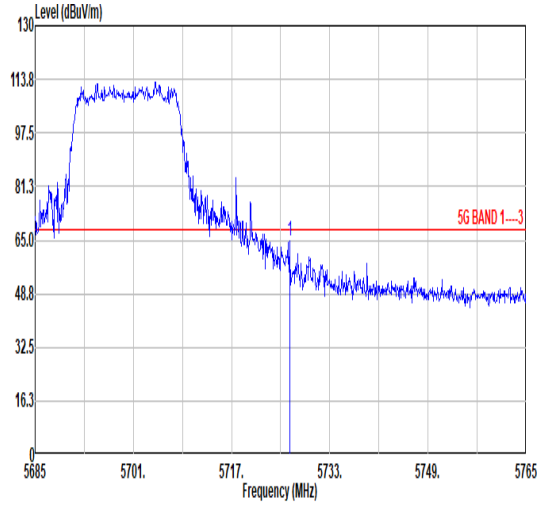
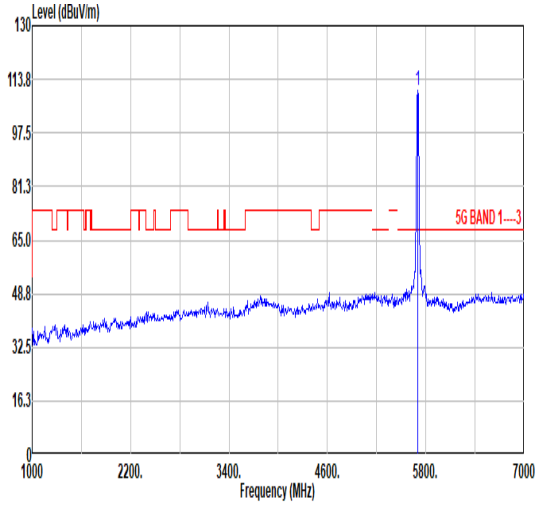
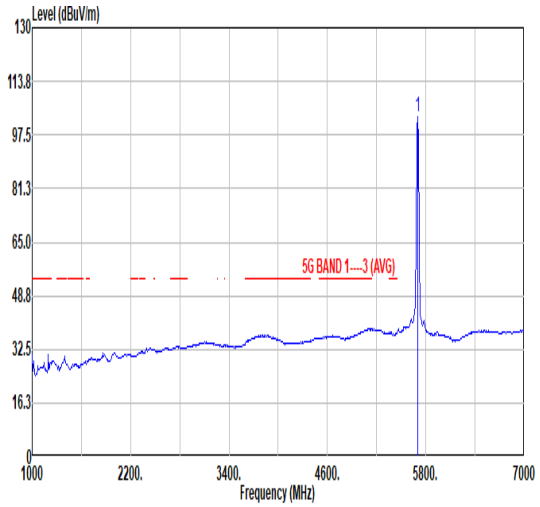
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7965.80	52.42	68.30	-15.88	70.30	35.80	13.32	67.00	0.00	---	---	PEAK
2	11000.00	58.31	74.00	-15.69	71.28	37.90	16.04	66.91	0.00	308	126	PEAK
3	11000.00	46.87	54.00	-7.13	59.84	37.90	16.04	66.91	0.00	308	126	AVERAGE
4	11981.90	49.66	74.00	-24.34	60.66	38.50	16.67	66.17	0.00	---	---	PEAK
5	16500.00	60.92	68.30	-7.38	64.30	41.30	19.67	64.35	0.00	---	---	PEAK

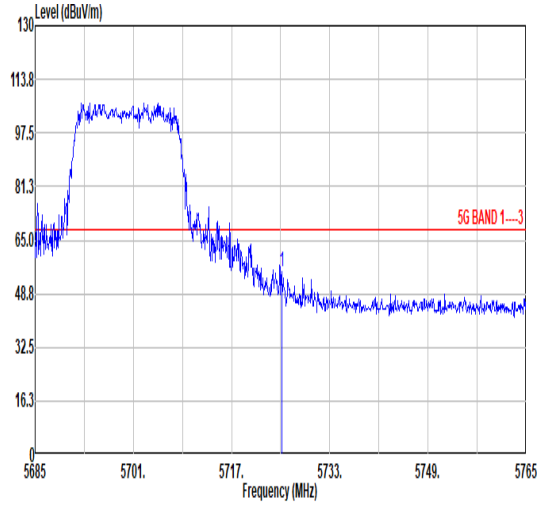
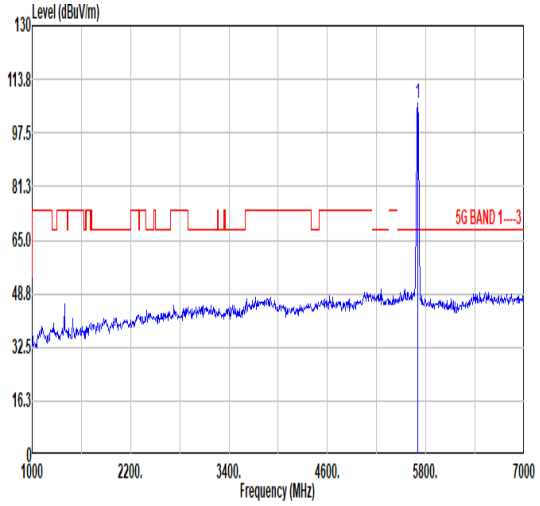
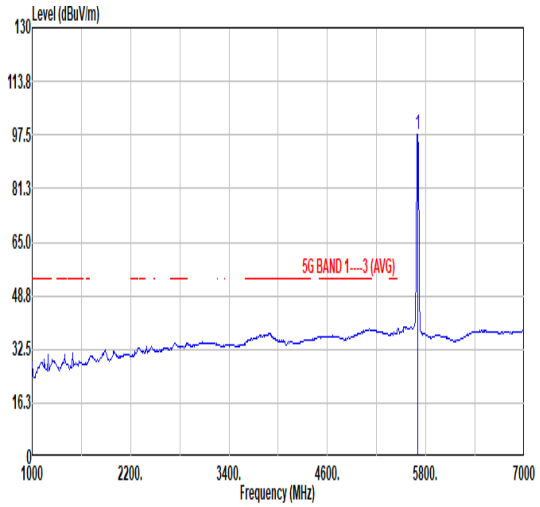
Mode	8
	Harmonic
	U-NII-2C_5.47-5.725_802.11a_CH116_5580MHz
ANT	CDD 0+1

Pol.	Horizontal	Vertical
Peak Avg		

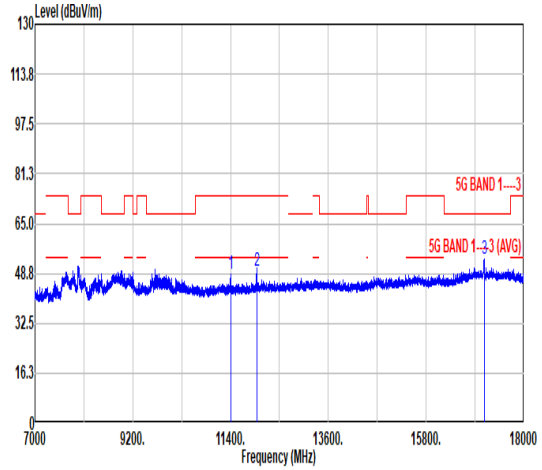
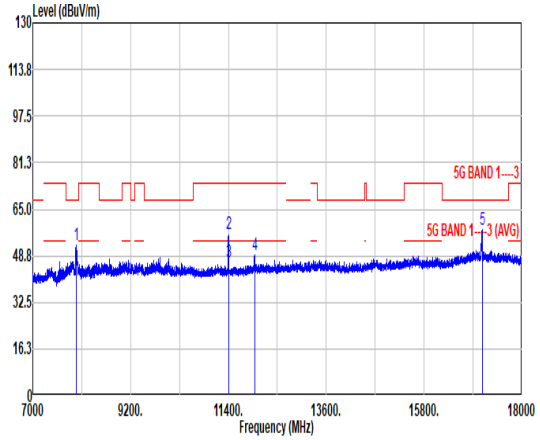
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11160.00	44.92	74.00	-29.08	57.50	38.12	16.15	66.85	0.00	---	---	PEAK
2	11995.10	47.92	74.00	-26.08	58.89	38.50	16.68	66.15	0.00	---	---	PEAK
3	16740.00	47.21	68.30	-21.09	49.99	41.82	19.83	64.43	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	7969.10	51.28	68.30	-17.02	69.16	35.80	13.32	67.00	0.00	---	---	PEAK
2	11160.00	56.06	74.00	-17.94	68.64	38.12	16.15	66.85	0.00	308	131	PEAK
3	11160.00	43.00	54.00	-11.00	55.58	38.12	16.15	66.85	0.00	308	131	AVERAGE
4	11977.50	49.00	74.00	-25.00	60.01	38.50	16.67	66.18	0.00	---	---	PEAK
5	16747.10	62.76	68.30	-5.54	65.52	41.84	19.84	64.44	0.00	---	---	PEAK

Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5726.44 64.58 68.30 -3.72 56.49 34.55 11.18 37.64 0.00 100 183 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 ------ ------ 101.95 34.50 11.14 37.13 0.00 100 183 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 5700.00 102.96 ------ ------ 94.45 34.50 11.14 37.13 0.00 100 183 AVERAGE

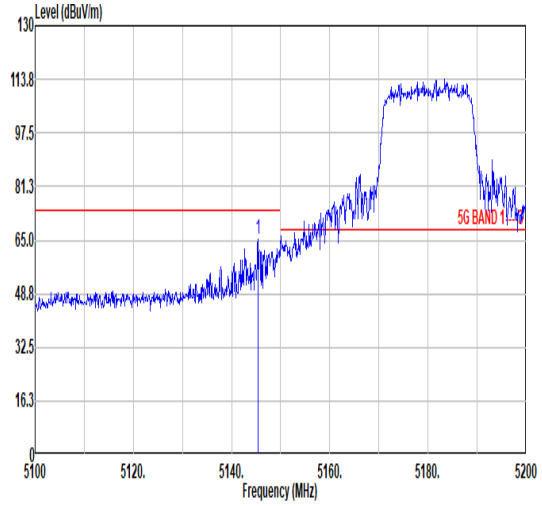
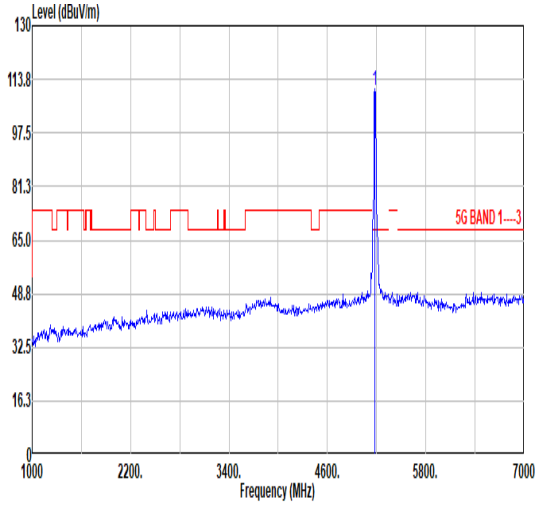
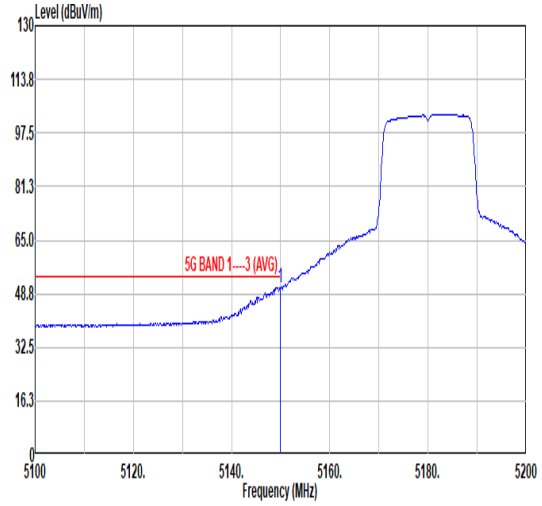
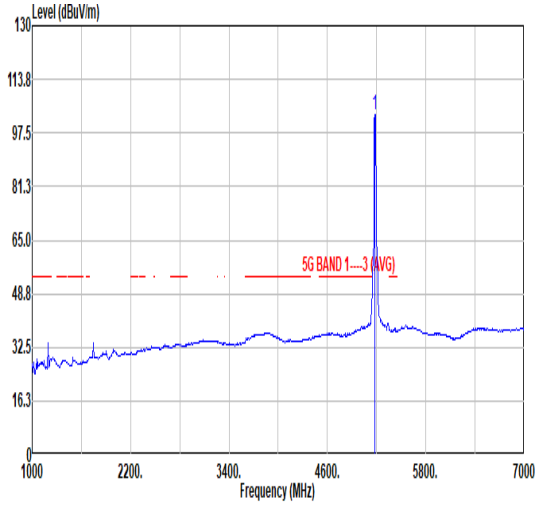
Mode	9	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5725.16 55.65 68.30 -12.65 47.54 34.55 11.18 37.62 0.00 390 87 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5700.00 106.38 ------ ------ 97.87 34.50 11.14 37.13 0.00 390 87 PEAK
Avg	Blank	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5700.00 97.41 ------ ------ 88.81 34.50 11.13 37.03 0.00 390 87 AVERAGE

Mode	9
	Harmonic
	U-NII-2C_5.47-5.725_802.11a_CH140_5700MHz
ANT	CDD 0+1

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	11401.10	48.69	74.00	-25.31	60.96	38.20	16.30	66.77	0.00	---	---	Peak
2	11998.40	49.38	74.00	-24.62	60.35	38.50	16.68	66.15	0.00	---	---	Peak
3	17103.50	53.32	68.30	-14.98	55.68	42.11	20.07	64.54	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	7970.20	52.59	68.30	-15.71	70.47	35.80	13.32	67.00	0.00	---	---	Peak
2	11400.00	56.36	74.00	-17.64	68.63	38.20	16.30	66.77	0.00	266	257	PEAK
3	11400.00	46.43	54.00	-7.57	58.70	38.20	16.30	66.77	0.00	266	257	AVERAGE
4	11994.00	48.89	74.00	-25.11	59.87	38.50	16.68	66.16	0.00	---	---	Peak
5	17110.10	57.73	68.30	-10.57	60.07	42.13	20.07	64.54	0.00	---	---	Peak

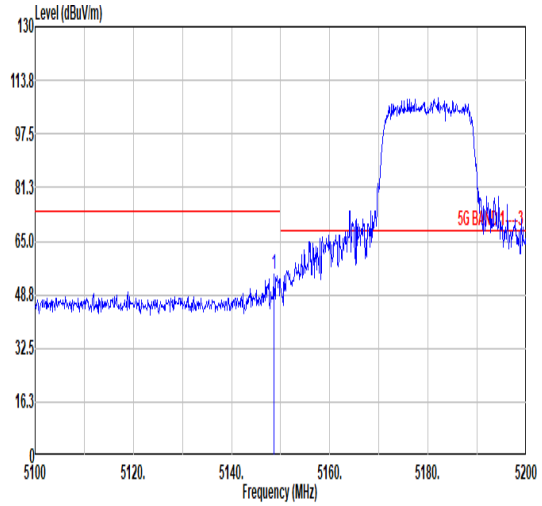
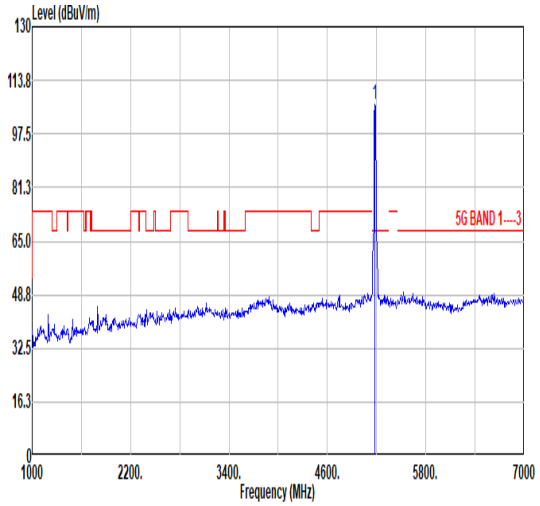
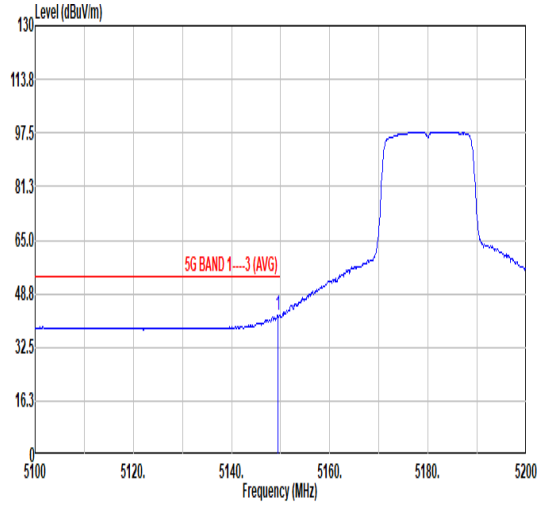
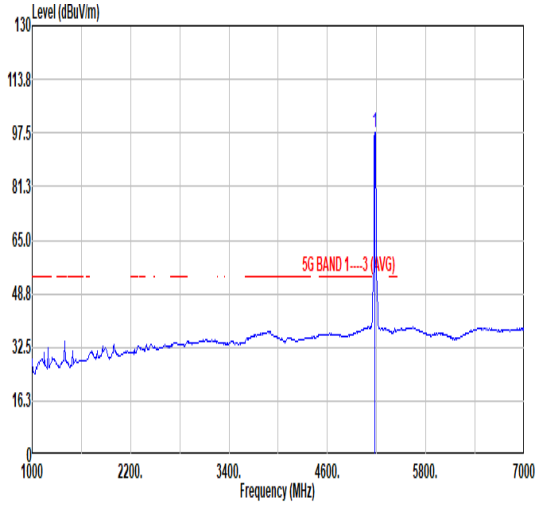
Mode	10	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_Full RU_5180MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

	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	5145.40	65.15	74.00	-8.85	57.52	34.09	10.60	37.06	0.00	146	174	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	110.41	68.30	42.11	102.60	34.16	10.64	36.99	0.00	146	174	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5150.00	50.59	54.00	-3.41	42.93	34.10	10.61	37.05	0.00	146	174	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	103.08	68.30	34.78	95.23	34.18	10.65	36.98	0.00	146	174	AVERAGE

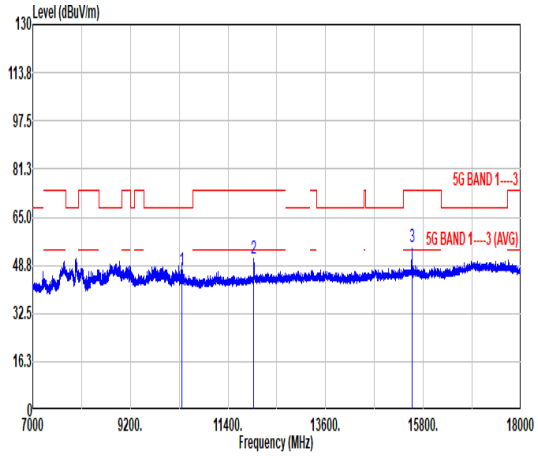
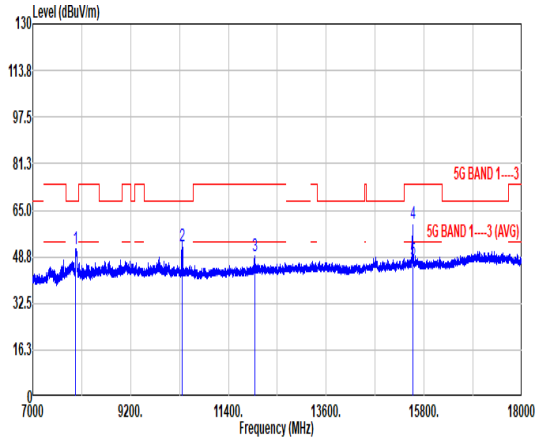
Mode	10	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_Full RU_5180MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5148.60	54.97	74.00	-19.03	47.31	34.10	10.61	37.05	0.00	383	77	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	106.54	68.30	38.24	98.75	34.15	10.64	37.00	0.00	383	77	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.50	42.15	54.00	-11.85	34.49	34.10	10.61	37.05	0.00	383	77	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	97.75	68.30	29.45	89.96	34.15	10.64	37.00	0.00	383	77	AVERAGE

Mode	10	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH36_Full RU_5180MHz	
ANT	CDD 0+1	
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	10360.50	47.32	68.30	-20.98	61.85	37.16	15.45	67.14	0.00	---	---	PEAK
2	11977.50	50.93	74.00	-23.07	61.94	38.50	16.67	66.18	0.00	---	---	PEAK
3	15540.00	55.11	74.00	-18.89	60.15	40.08	19.04	64.16	0.00	330	291	PEAK
4	15540.00	42.87	54.00	-11.13	47.92	40.07	19.04	64.16	0.00	330	291	AVERAGE

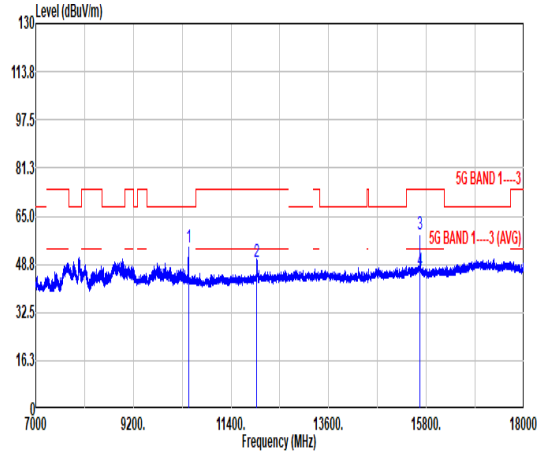
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7968.00	51.59	68.30	-16.71	69.47	35.80	13.32	67.00	0.00	---	---	PEAK
2	10360.00	52.68	68.30	-15.62	67.21	37.16	15.45	67.14	0.00	---	---	PEAK
3	11999.50	49.21	74.00	-24.79	60.18	38.50	16.68	66.15	0.00	---	---	PEAK
4	15540.00	60.24	74.00	-13.76	65.28	40.08	19.04	64.16	0.00	335	93	PEAK
5	15540.00	47.46	54.00	-6.54	52.50	40.08	19.04	64.16	0.00	335	93	AVERAGE

Mode	11
	Harmonic
	U-NII-1_5.15-5.25_802.11ac VHT20_CH44_Full RU_5220MHz
ANT	CDD 0+1

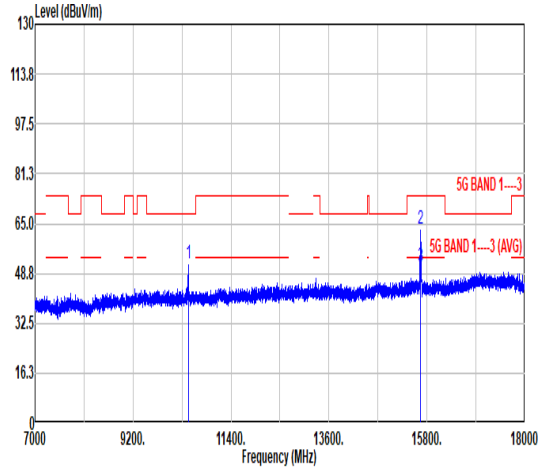
Pol.	Horizontal	Vertical

Peak

Avg



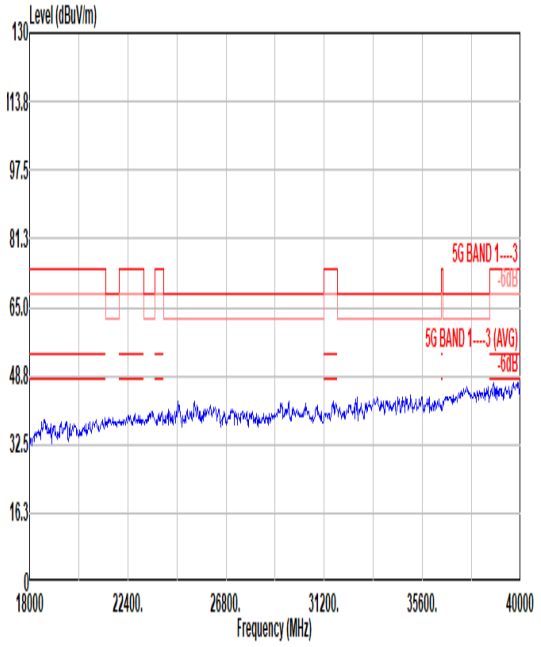
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10440.80	54.69	68.30	-13.61	69.08	37.20	15.52	67.11	0.00	---	---	PEAK
2	11976.40	49.44	74.00	-24.56	60.46	38.50	16.66	66.18	0.00	---	---	PEAK
3	15660.00	58.73	74.00	-15.27	63.58	40.20	19.12	64.17	0.00	335	266	PEAK
4	15660.00	46.39	54.00	-7.61	51.24	40.20	19.12	64.17	0.00	335	266	AVERAGE

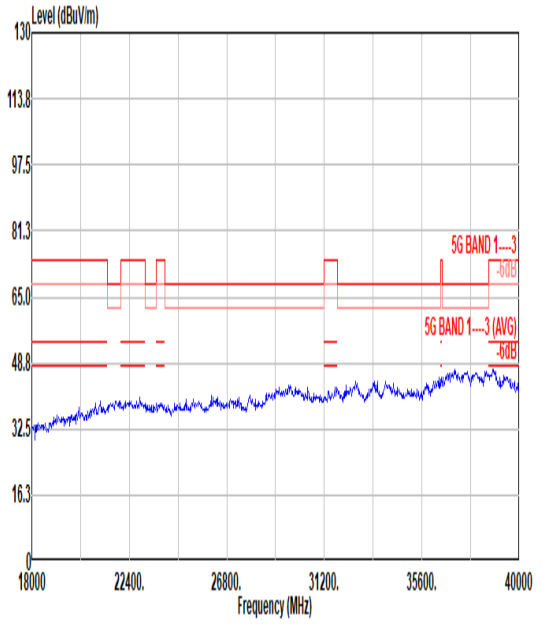


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10440.00	51.87	68.30	-16.43	66.26	37.20	15.52	67.11	0.00	---	---	PEAK
2	15660.00	63.46	74.00	-10.54	68.31	40.20	19.12	64.17	0.00	323	98	PEAK
3	15660.00	50.95	54.00	-3.05	55.80	40.20	19.12	64.17	0.00	323	98	AVERAGE

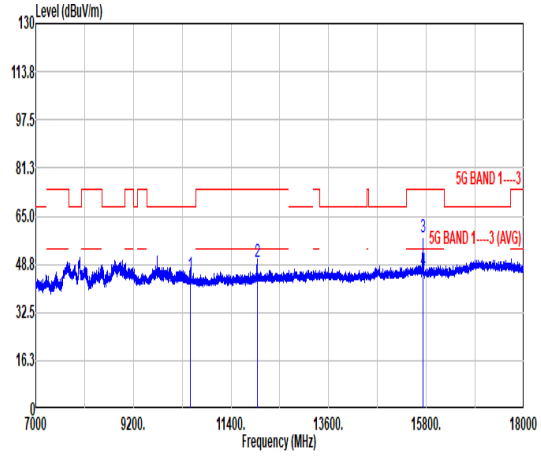
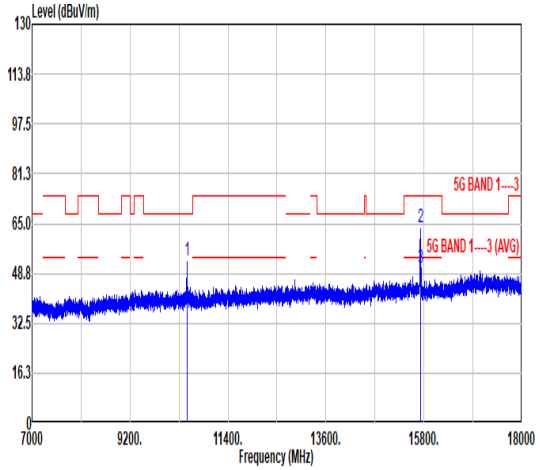
Peak

Avg





Mode	12
	Harmonic
	U-NII-1_5.15-5.25_802.11ac VHT20_CH48_Full RU_5240MHz
ANT	CDD 0+1

Pol.	Horizontal	Vertical
Peak Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	45.16	68.30	-23.14	59.50	37.20	15.56	67.10	0.00	---	---	PEAK
2	11990.70	49.33	74.00	-24.67	60.32	38.50	16.67	66.16	0.00	---	---	PEAK
3	15720.00	57.66	74.00	-16.34	62.53	40.14	19.16	64.17	0.00	394	272	PEAK
4	15720.00	46.55	54.00	-7.45	51.42	40.14	19.16	64.17	0.00	394	272	AVERAGE

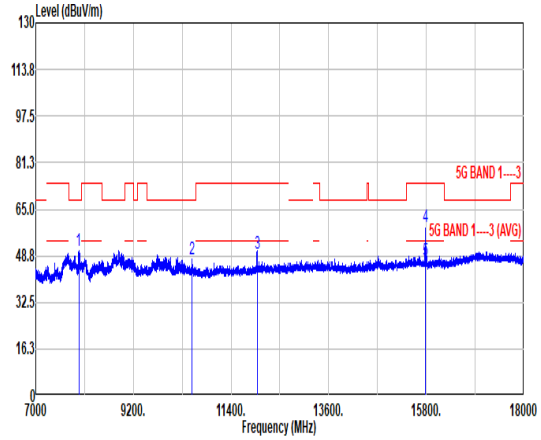
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	52.80	68.30	-15.50	67.14	37.20	15.56	67.10	0.00	---	---	PEAK
2	15720.00	63.70	74.00	-10.30	68.57	40.14	19.16	64.17	0.00	337	102	PEAK
3	15720.00	50.48	54.00	-3.52	55.34	40.15	19.16	64.17	0.00	337	102	AVERAGE

Mode	13
	Harmonic
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH52_Full RU_5260MHz
ANT	CDD 0+1

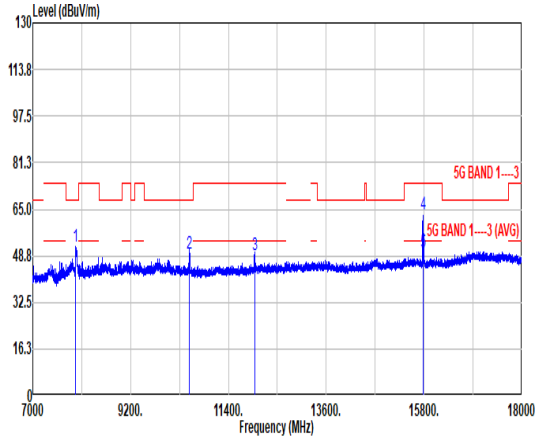
Pol.	Horizontal	Vertical

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	7969.10	50.49	68.30	-17.81	68.37	35.80	13.32	67.00	0.00	---	---	PEAK
2	10522.20	47.75	68.30	-20.55	62.01	37.22	15.60	67.08	0.00	---	---	PEAK
3	11998.40	49.31	74.00	-24.69	60.28	38.50	16.68	66.15	0.00	---	---	PEAK
4	15780.00	58.78	74.00	-15.22	63.79	39.96	19.20	64.17	0.00	348	270	PEAK
5	15780.00	47.04	54.00	-6.96	52.05	39.96	19.20	64.17	0.00	348	270	AVERAGE

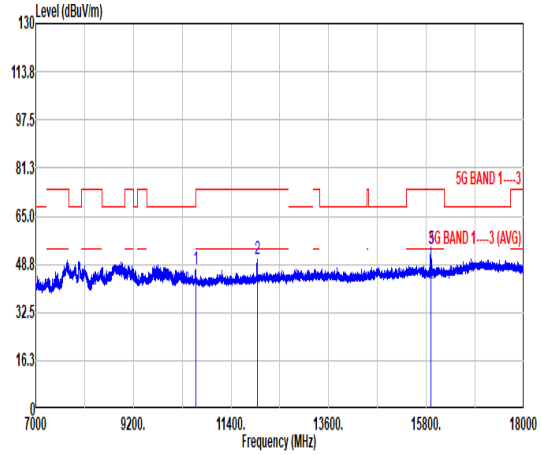


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7965.80	51.84	68.30	-16.46	69.72	35.80	13.32	67.00	0.00	---	---	PEAK
2	10520.00	49.71	68.30	-18.59	63.97	37.22	15.60	67.08	0.00	---	---	PEAK
3	11998.40	48.96	74.00	-25.04	59.93	38.50	16.68	66.15	0.00	---	---	PEAK
4	15780.00	63.26	74.00	-10.74	68.27	39.96	19.20	64.17	0.00	337	101	PEAK
5	15780.00	50.08	54.00	-3.92	55.09	39.96	19.20	64.17	0.00	337	101	AVERAGE

Mode	14
	Harmonic
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH60_Full RU_5300MHz
ANT	CDD 0+1

Pol. — Horizontal

Peak

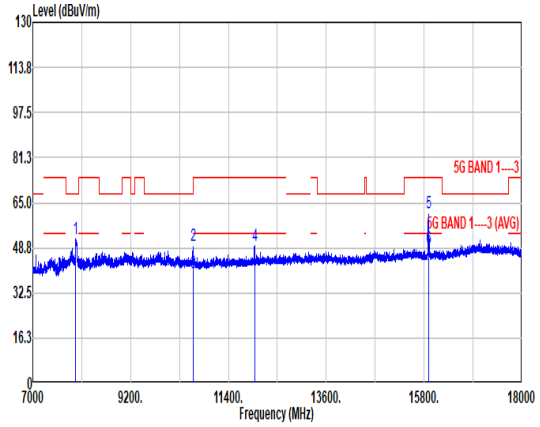


Avg

	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	10600.30	47.08	74.00	-26.92	61.16	37.30	15.67	67.05	0.00	---	---	PEAK
2	11986.30	50.56	74.00	-23.44	61.55	38.50	16.67	66.16	0.00	---	---	PEAK
3	15900.00	54.19	74.00	-19.81	59.09	40.00	19.28	64.18	0.00	101	76	PEAK
4	15900.00	42.35	54.00	-11.65	47.25	40.00	19.28	64.18	0.00	101	76	AVERAGE

Pol. — Vertical

Peak

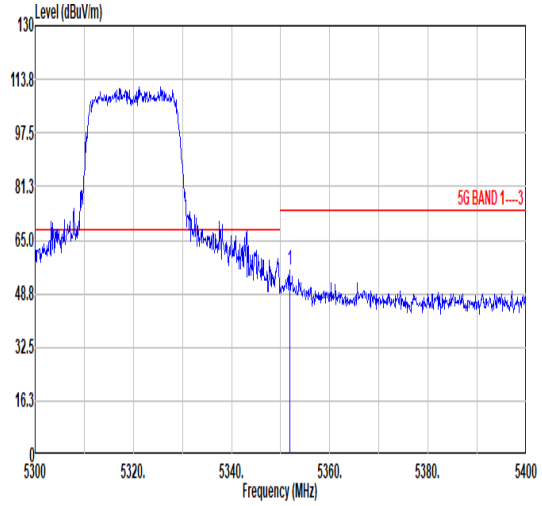


Avg

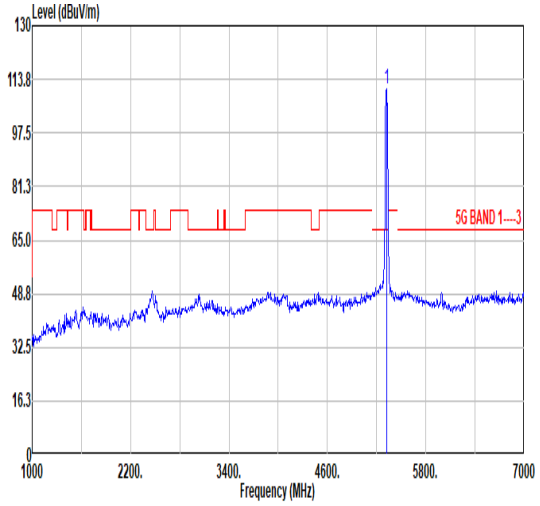
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7965.80	52.00	68.30	-16.30	69.88	35.80	13.32	67.00	0.00	---	---	PEAK
2	10600.10	49.49	74.00	-24.51	63.57	37.30	15.67	67.05	0.00	300	0	PEAK
3	10600.10	39.51	54.00	-14.49	53.59	37.30	15.67	67.05	0.00	300	0	AVERAGE
4	11999.50	49.61	74.00	-24.39	60.58	38.50	16.68	66.15	0.00	---	---	PEAK
5	15900.00	61.31	74.00	-12.69	66.21	40.00	19.28	64.18	0.00	329	110	PEAK
6	15900.00	48.68	54.00	-5.32	53.58	40.00	19.28	64.18	0.00	329	110	AVERAGE

Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_Full RU_5320MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

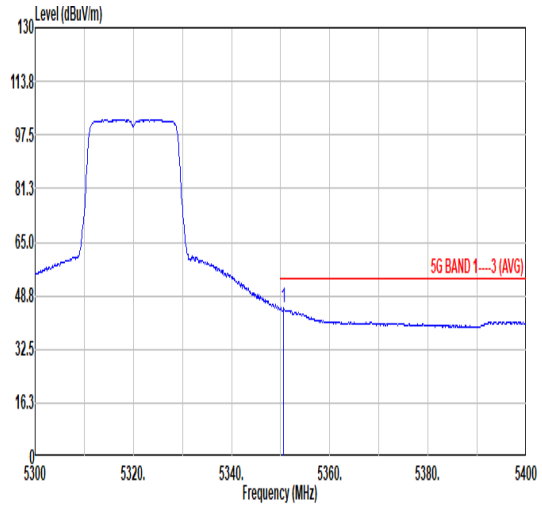


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5351.80	55.75	74.00	-18.25	47.27	34.40	10.75	36.67	0.00	100	23	PEAK

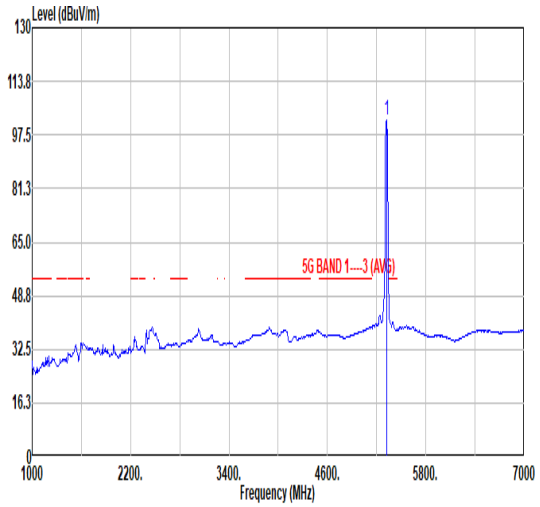


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	110.64	68.30	42.34	102.30	34.34	10.73	36.73	0.00	100	23	PEAK

Avg



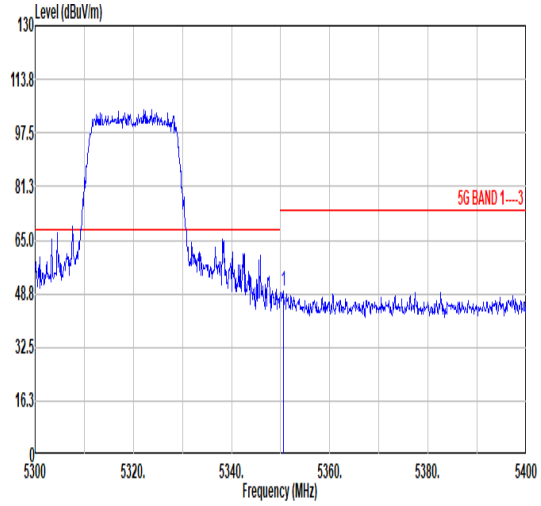
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5350.60	44.97	54.00	-9.03	36.49	34.40	10.75	36.67	0.00	100	23	AVERAGE



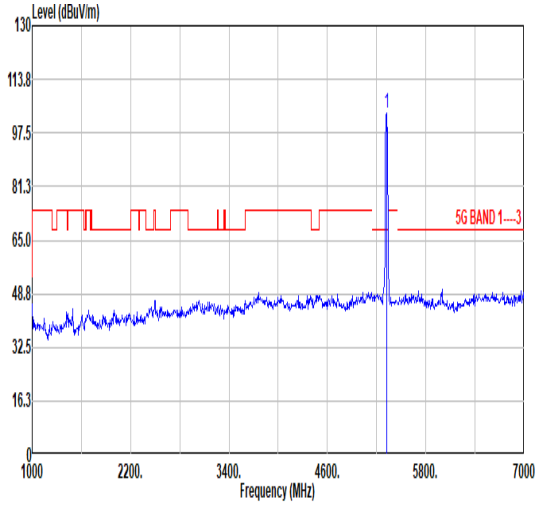
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	102.00	68.30	33.70	93.66	34.34	10.73	36.73	0.00	100	23	AVERAGE

Mode	15	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_Full RU_5320MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental

Peak

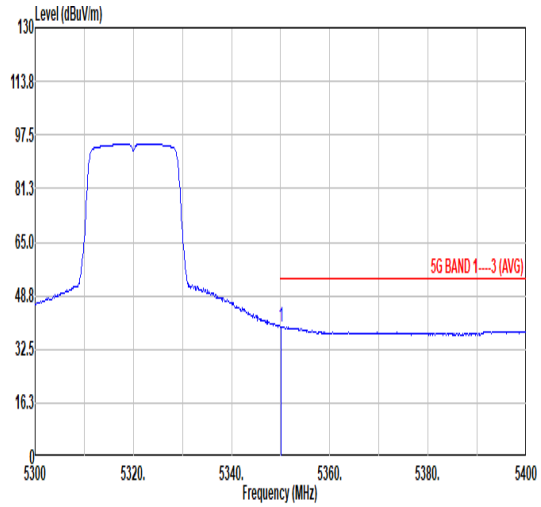


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5350.50	49.41	74.00	-24.59	40.93	34.40	10.75	36.67	0.00	300	24	PEAK

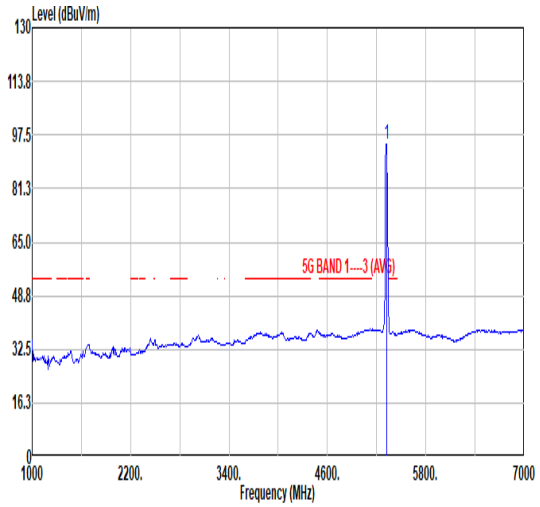


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	103.44	68.30	35.14	95.10	34.34	10.73	36.73	0.00	300	24	PEAK

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	5350.10	39.44	54.00	-14.56	30.96	34.40	10.75	36.67	0.00	300	24	AVERAGE

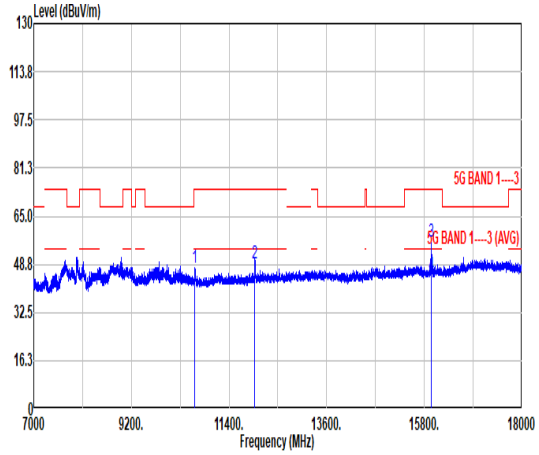


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	94.87	68.30	26.57	86.51	34.35	10.73	36.72	0.00	300	24	AVERAGE

Mode	15
	Harmonic
	U-NII-2A_5.25-5.35_802.11ac VHT20_CH64_Full RU_5320MHz
ANT	CDD 0+1

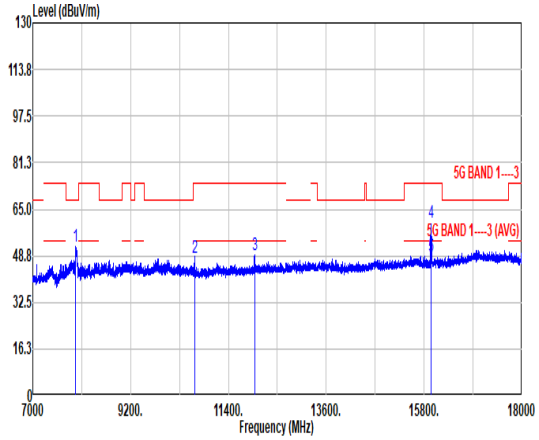
Pol.	Horizontal	Vertical

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	10633.30	47.66	74.00	-26.34	61.67	37.33	15.70	67.04	0.00	---	---	PEAK
2	11977.50	49.06	74.00	-24.94	60.07	38.50	16.67	66.18	0.00	---	---	PEAK
3	15960.00	56.44	74.00	-17.56	61.06	40.24	19.32	64.18	0.00	399	264	PEAK
4	15960.00	45.13	54.00	-8.87	49.77	40.22	19.32	64.18	0.00	399	264	AVERAGE

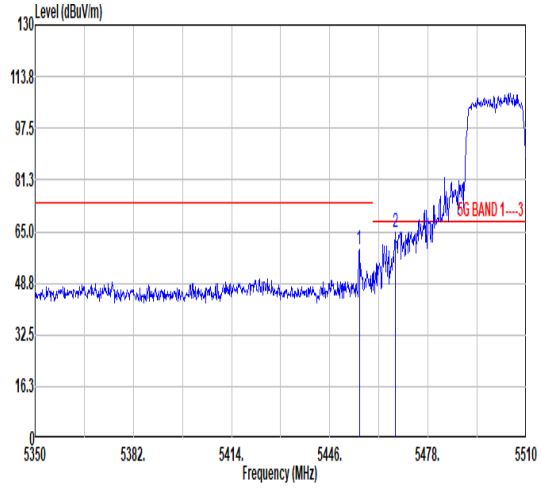
Avg



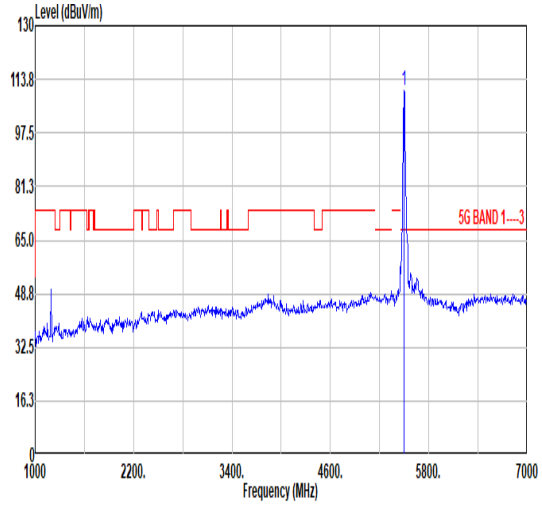
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7968.00	51.79	68.30	-16.51	69.67	35.80	13.32	67.00	0.00	---	---	PEAK
2	10640.00	47.84	74.00	-26.16	61.83	37.34	15.71	67.04	0.00	---	---	PEAK
3	11994.00	49.18	74.00	-24.82	60.16	38.50	16.68	66.16	0.00	---	---	PEAK
4	15960.00	60.23	74.00	-13.77	64.85	40.24	19.32	64.18	0.00	332	105	PEAK
5	15960.00	48.74	54.00	-5.26	53.38	40.22	19.32	64.18	0.00	332	105	AVERAGE

Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_Full RU_5500MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

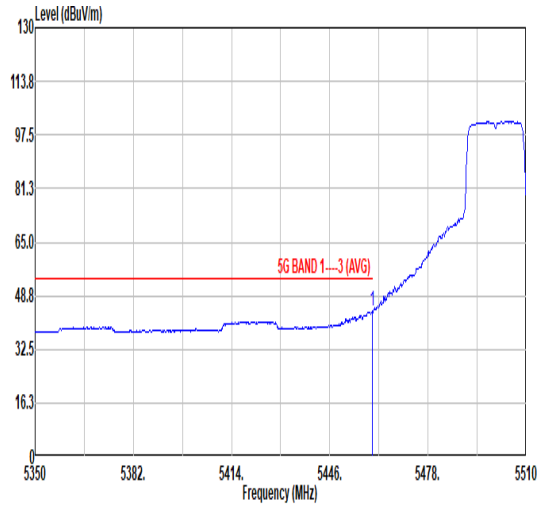


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5455.60	59.45	74.00	-14.55	50.67	34.41	10.84	36.47	0.00	100	129	PEAK
2	5467.28	64.97	68.30	-3.33	56.14	34.43	10.85	36.45	0.00	100	129	PEAK

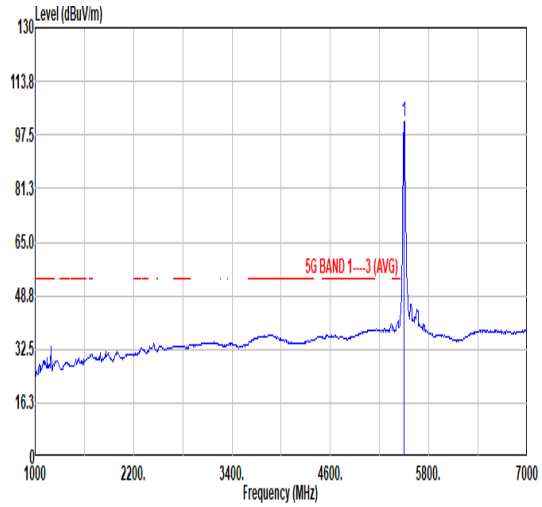


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	110.16	------	------	101.19	34.49	10.88	36.40	0.00	100	129	PEAK

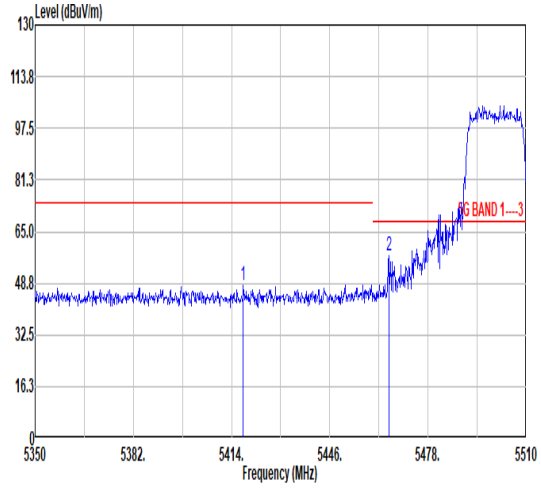
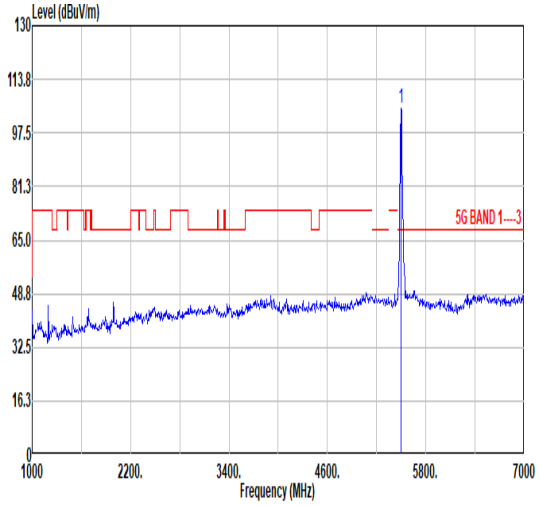
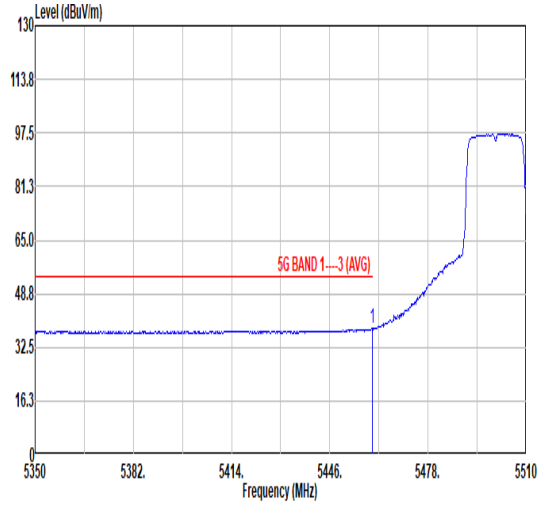
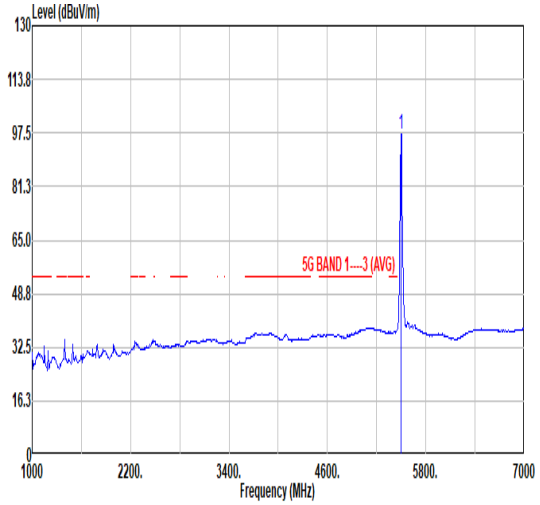
Avg



	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	44.11	54.00	-9.89	35.31	34.42	10.84	36.46	0.00	100	129	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	101.61	------	------	92.60	34.50	10.89	36.38	0.00	100	129	AVERAGE

Mode	16	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_Full RU_5500MHz	
ANT	CDD 0+1	
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	5417.84	48.21	74.00	-25.79	39.56	34.40	10.79	36.54	0.00	303	60	PEAK
2	5465.20	57.30	68.30	-11.00	48.47	34.43	10.85	36.45	0.00	303	60	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	104.78	------	------	95.78	34.50	10.89	36.39	0.00	303	60	PEAK

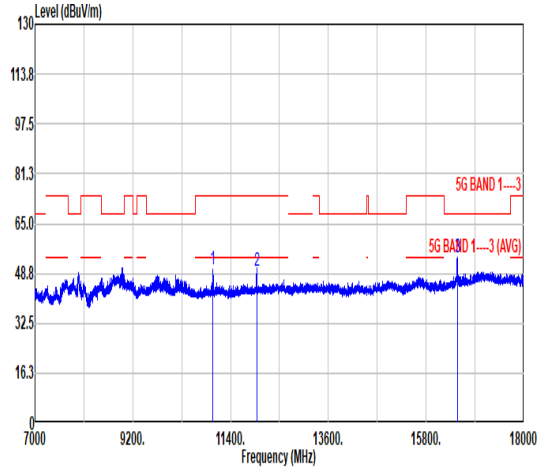
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.76	38.45	54.00	-15.55	29.65	34.42	10.84	36.46	0.00	303	60	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	97.04	------	------	88.03	34.50	10.89	36.38	0.00	303	60	AVERAGE

Mode	16
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH100_Full RU_5500MHz
ANT	CDD 0+1

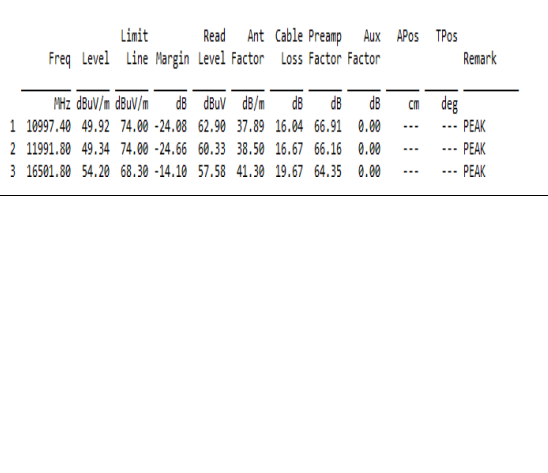
Pol. — Horizontal

Peak



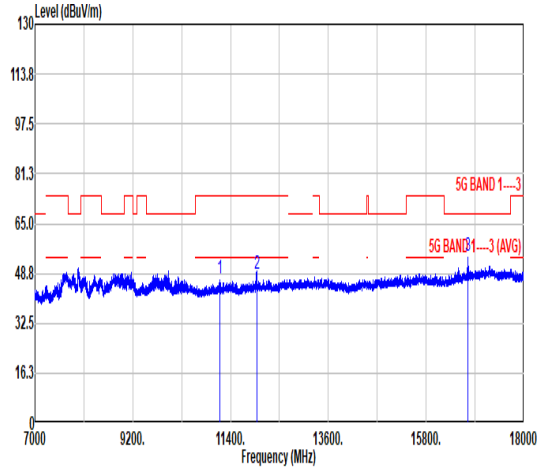
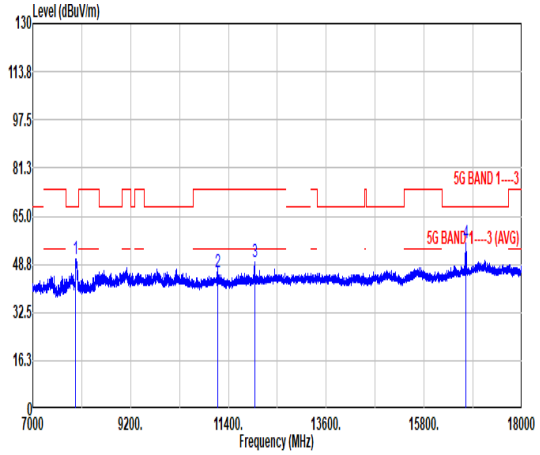
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10997.40	49.92	74.00	-24.08	62.90	37.89	16.04	66.91	0.00	---	---	PEAK
2	11991.80	49.34	74.00	-24.66	60.33	38.50	16.67	66.16	0.00	---	---	PEAK
3	16501.80	54.20	68.30	-14.10	57.58	41.30	19.67	64.35	0.00	---	---	PEAK

Avg



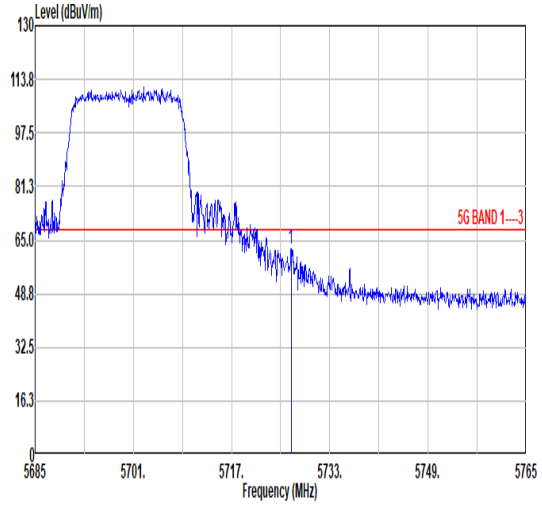
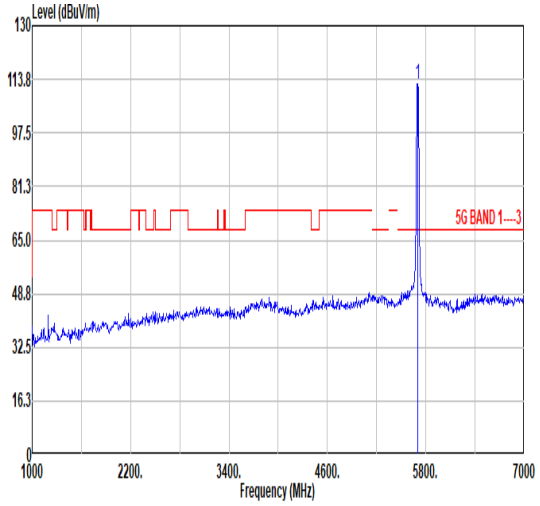
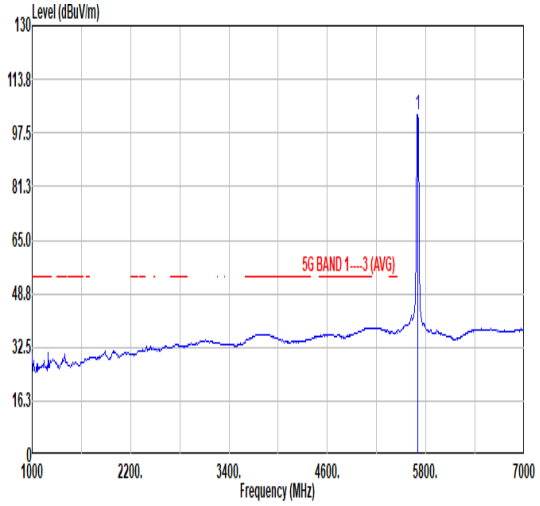
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7962.50	50.88	68.30	-17.42	68.77	35.80	13.32	67.01	0.00	---	---	PEAK
2	11000.00	54.62	74.00	-19.38	67.59	37.90	16.04	66.91	0.00	330	302	PEAK
3	11000.00	44.08	54.00	-9.92	57.05	37.90	16.04	66.91	0.00	330	302	AVERAGE
4	11997.30	48.38	74.00	-25.62	59.35	38.50	16.68	66.15	0.00	---	---	PEAK
5	16491.90	57.15	68.30	-11.15	60.60	41.23	19.67	64.35	0.00	---	---	PEAK

Vertical

Mode	17	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH116_Full RU_5580MHz	
ANT	CDD 0+1	
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	46.88	74.00	-27.12	59.46	38.12	16.15	66.85	0.00	---	---	PEAK
2	11999.50	48.50	74.00	-25.50	59.47	38.50	16.68	66.15	0.00	---	---	PEAK
3	16740.00	54.63	68.30	-13.67	57.41	41.82	19.83	64.43	0.00	---	---	PEAK

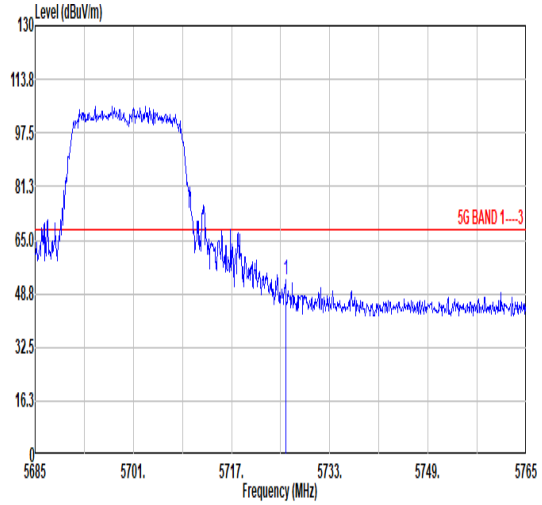
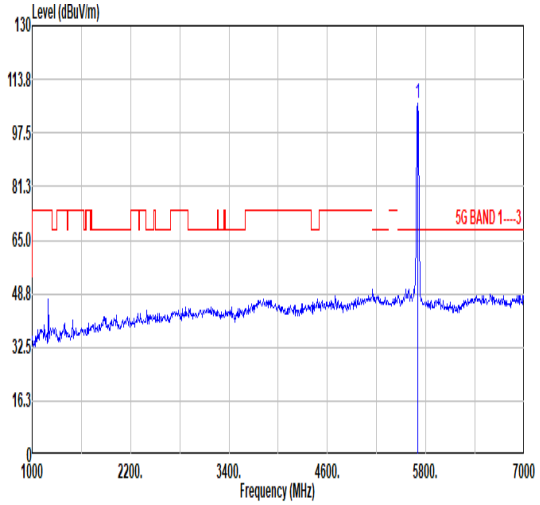
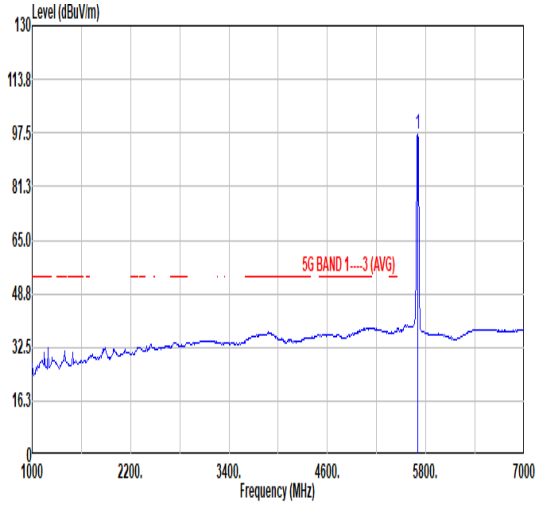
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7966.90	50.50	68.30	-17.80	68.38	35.80	13.32	67.00	0.00	---	---	PEAK
2	11160.00	46.33	74.00	-27.67	58.91	38.12	16.15	66.85	0.00	---	---	PEAK
3	11987.40	49.32	74.00	-24.68	60.31	38.50	16.67	66.16	0.00	---	---	PEAK
4	16732.80	55.87	68.30	-12.43	58.67	41.80	19.83	64.43	0.00	---	---	PEAK

Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_Full RU_5700MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg	Blank	

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5726.68	62.30	68.30	-6.00	54.21	34.55	11.18	37.64	0.00	100	182	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	112.45	------	------	104.03	34.51	11.15	37.24	0.00	100	182	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	103.11	------	------	94.60	34.50	11.14	37.13	0.00	100	182	AVERAGE

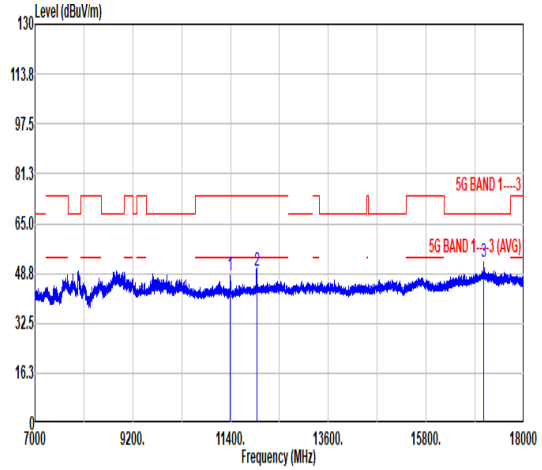
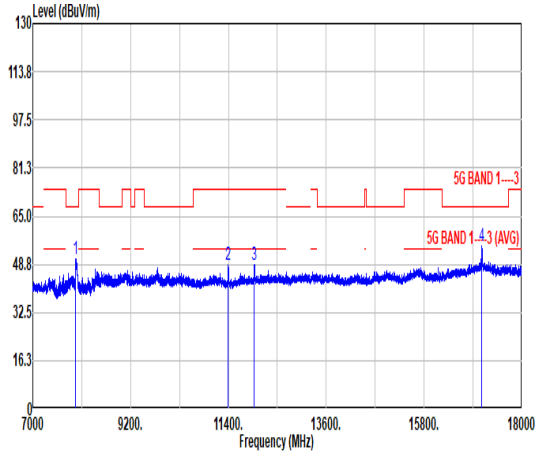
Mode	18	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_Full RU_5700MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg	Blank	

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5725.80	53.05	68.30	-15.25	44.95	34.55	11.18	37.63	0.00	390	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	5700.00	106.24	------	------	97.73	34.50	11.14	37.13	0.00	390	86	PEAK

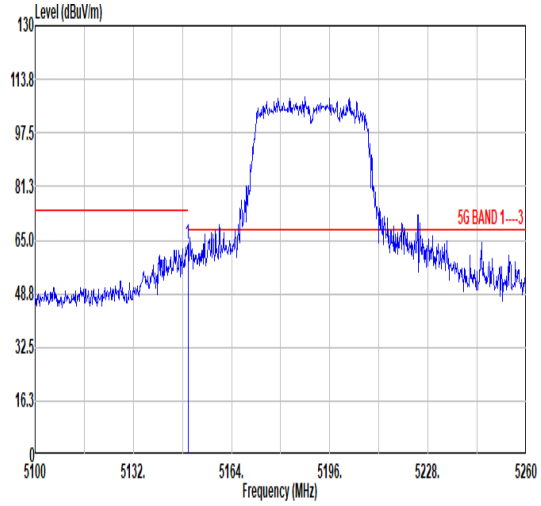
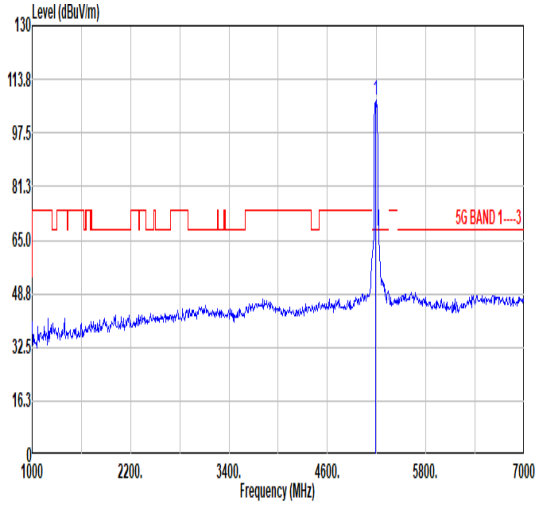
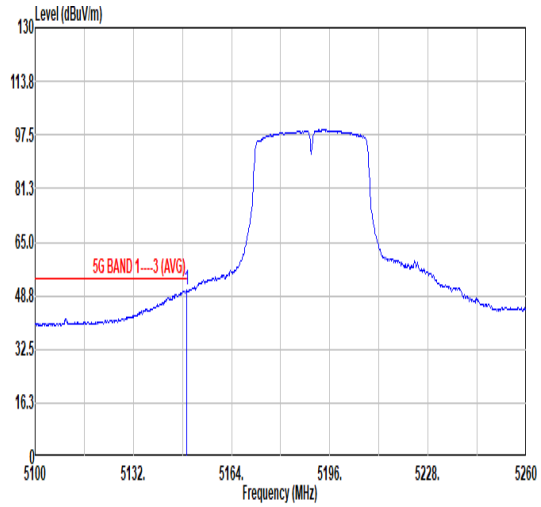
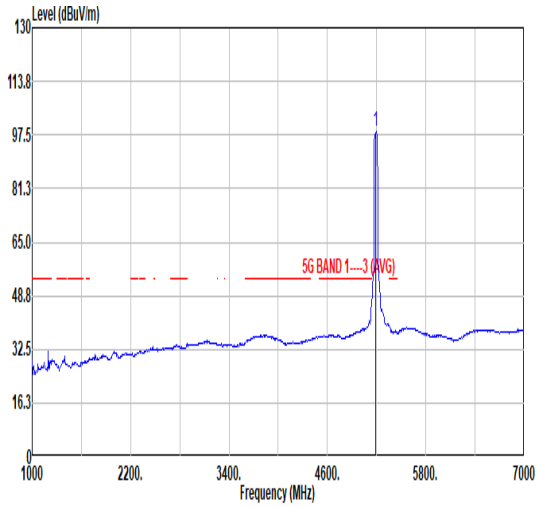
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5700.00	97.25	------	------	88.74	34.50	11.14	37.13	0.00	390	86	AVERAGE

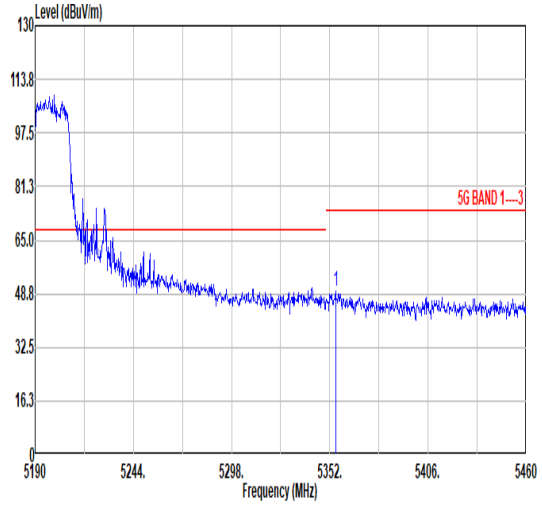
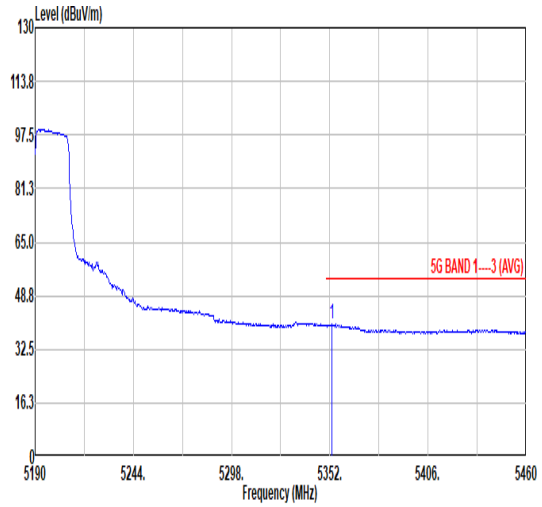
Mode	18
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT20_CH140_Full RU_5700MHz
ANT	CDD 0+1

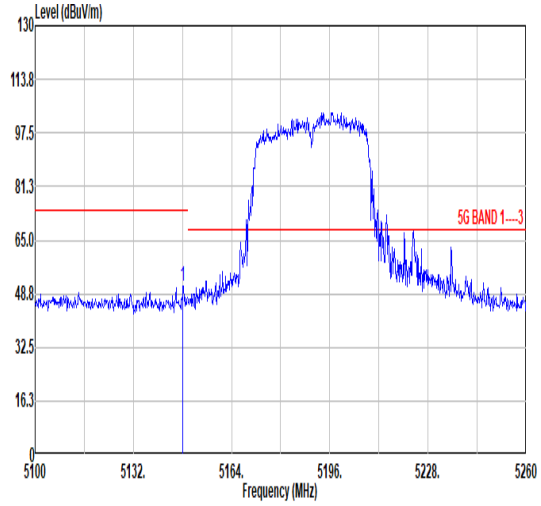
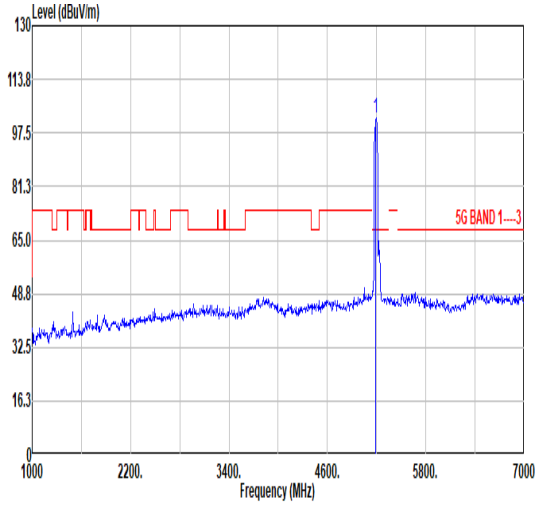
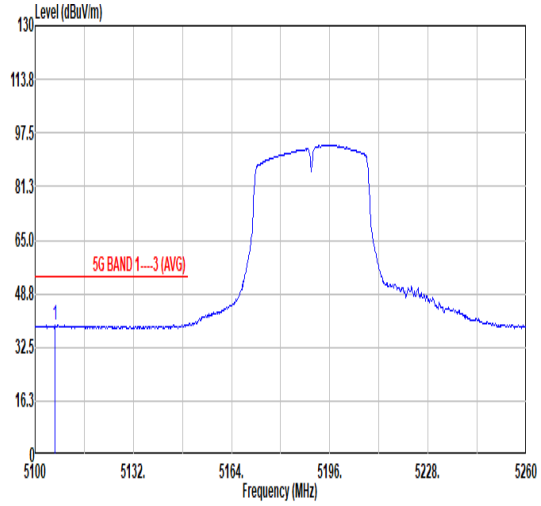
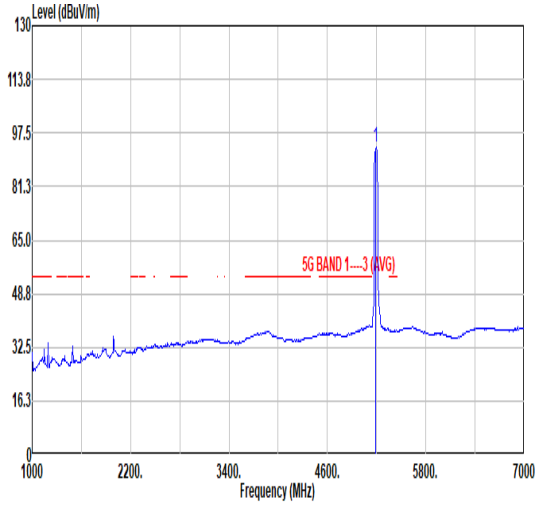
Pol.	Horizontal	Vertical
Peak Avg		

	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	11397.80	48.31	74.00	-25.69	60.58	38.20	16.30	66.77	0.00	---	---	PEAK
2	11992.90	49.45	74.00	-24.55	60.44	38.50	16.67	66.16	0.00	---	---	PEAK
3	17095.80	52.57	68.30	-15.73	54.92	42.12	20.07	64.54	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	7964.70	50.51	68.30	-17.79	68.40	35.80	13.32	67.01	0.00	---	---	PEAK
2	11393.40	48.64	74.00	-25.36	60.93	38.19	16.29	66.77	0.00	---	---	PEAK
3	11980.80	48.54	74.00	-25.46	59.54	38.50	16.67	66.17	0.00	---	---	PEAK
4	17093.60	54.72	68.30	-13.58	57.07	42.13	20.06	64.54	0.00	---	---	PEAK

Mode	19	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_Full_5190MHz	
ANT	CDD 0+1	
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 5149.76 63.91 74.00 -10.09 56.25 34.10 10.61 37.05 0.00 100 176 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 107.53 ------ ------ 99.66 34.19 10.65 36.97 0.00 100 176 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.28 50.56 54.00 -3.44 42.90 34.10 10.61 37.05 0.00 100 176 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5190.00 98.56 ------ ------ 90.69 34.19 10.65 36.97 0.00 100 176 AVERAGE

Mode	19	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_Full_5190MHz	
ANT	CDD 0+1	
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 5355.24 49.58 74.00 -24.42 41.09 34.40 10.75 36.66 0.00 100 176 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.08 40.15 54.00 -13.85 31.66 34.40 10.75 36.66 0.00 100 176 AVERAGE	Blank

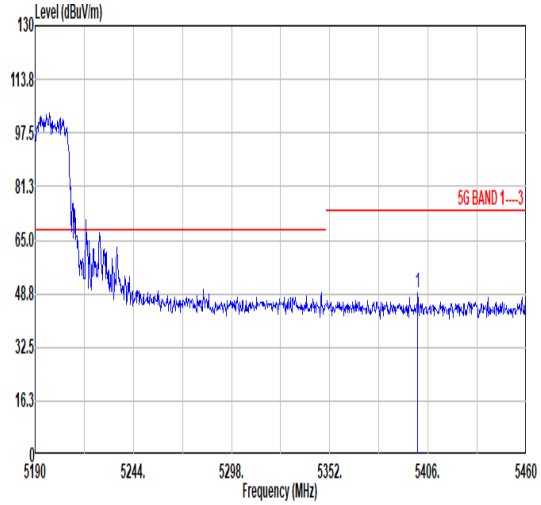
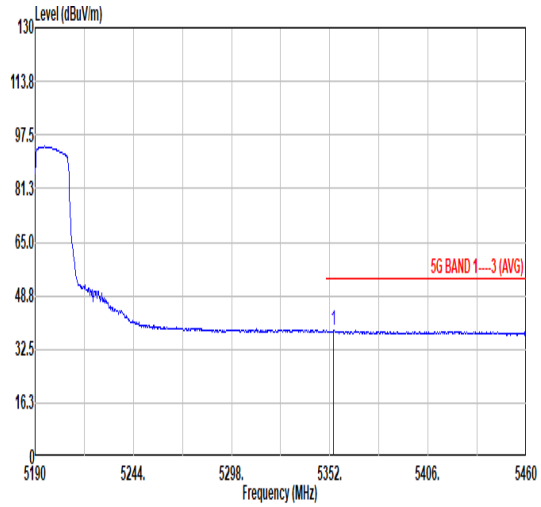
Mode	19	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_Full_5190MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5148.16	51.16	74.00	-22.84	43.50	34.10	10.61	37.05	0.00	356	78	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	102.21	------	------	94.34	34.19	10.65	36.97	0.00	356	78	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	5106.56	39.32	54.00	-14.68	31.88	34.01	10.56	37.13	0.00	356	78	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	93.35	------	------	85.48	34.19	10.65	36.97	0.00	356	78	AVERAGE

Mode	19	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_Full_5190MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		Blank
Avg		Blank

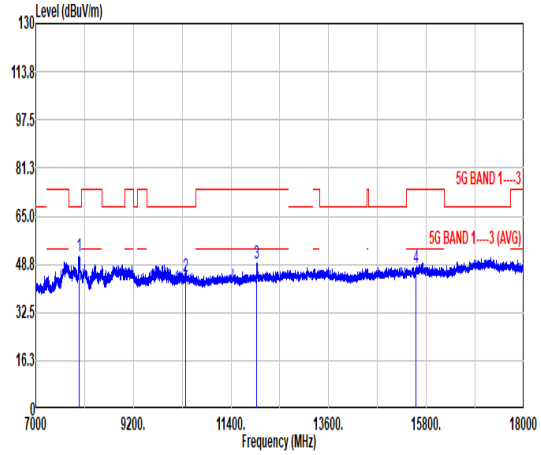
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5400.33	48.99	74.00	-25.01	40.39	34.40	10.78	36.58	0.00	356	78	PEAK

	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	5354.16	38.20	54.00	-15.80	29.71	34.40	10.75	36.66	0.00	356	78	AVERAGE

Mode	19
	Harmonic
	U-NII-1_5.15-5.25_802.11ac VHT40_CH38_Full_5190MHz
ANT	CDD 0+1

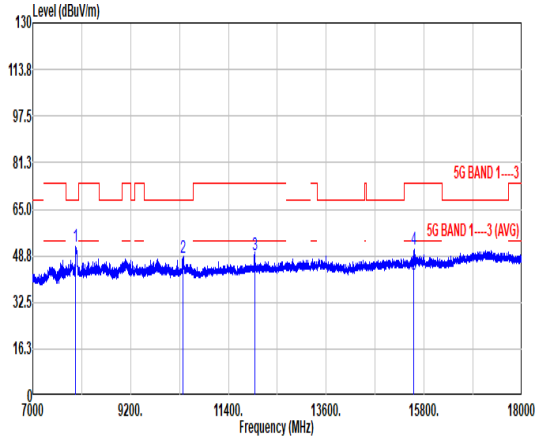
Pol. — Horizontal

Peak / Avg

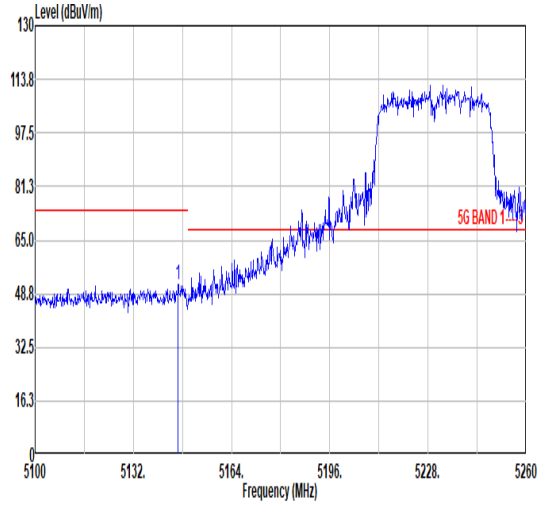
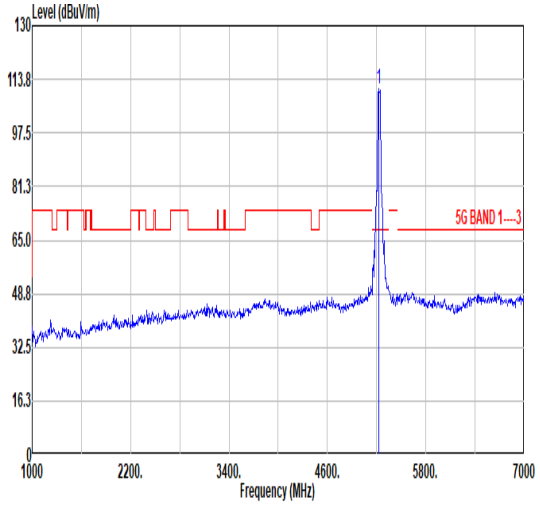
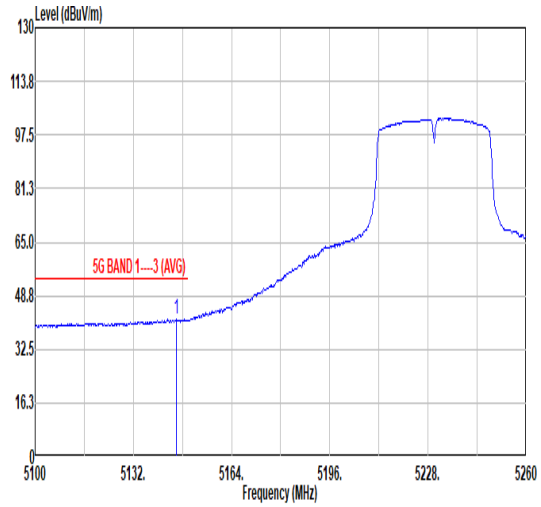
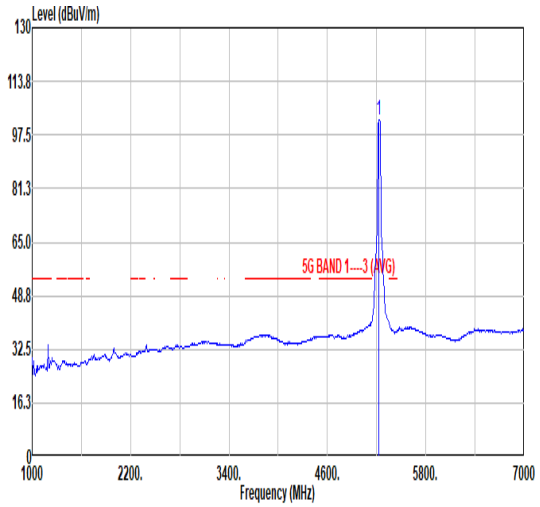


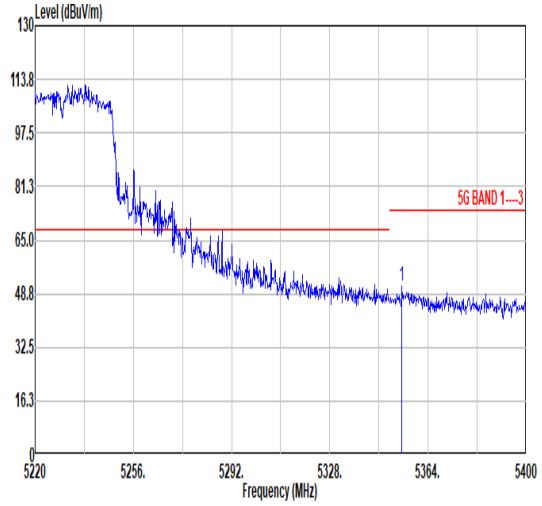
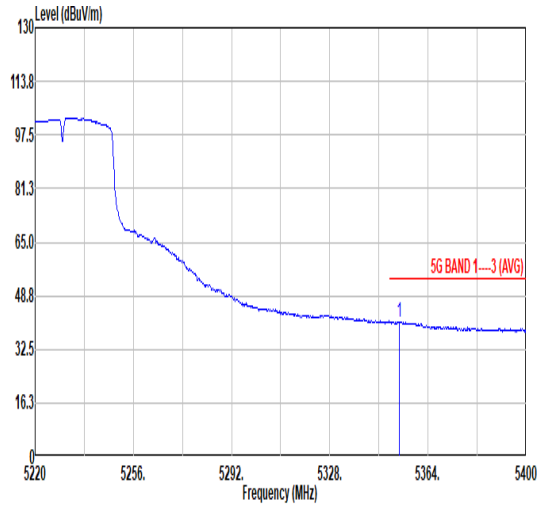
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7973.50	51.27	68.30	-17.03	69.14	35.80	13.33	67.00	0.00	---	---	PEAK
2	10380.30	44.46	68.30	-23.84	58.94	37.18	15.47	67.13	0.00	---	---	PEAK
3	11983.00	49.12	74.00	-24.88	60.12	38.50	16.67	66.17	0.00	---	---	PEAK
4	15570.00	47.62	74.00	-26.38	52.58	40.14	19.06	64.16	0.00	---	---	PEAK

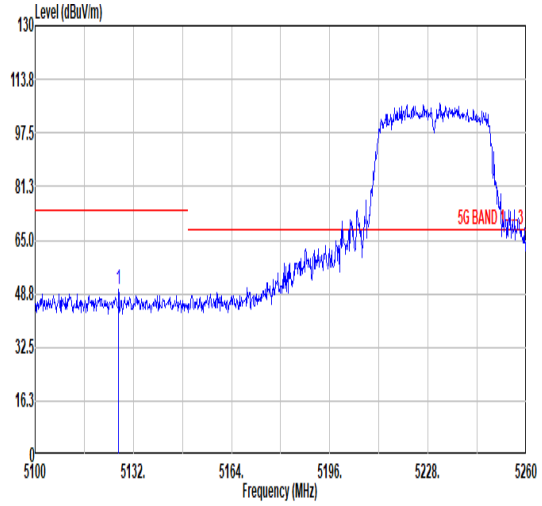
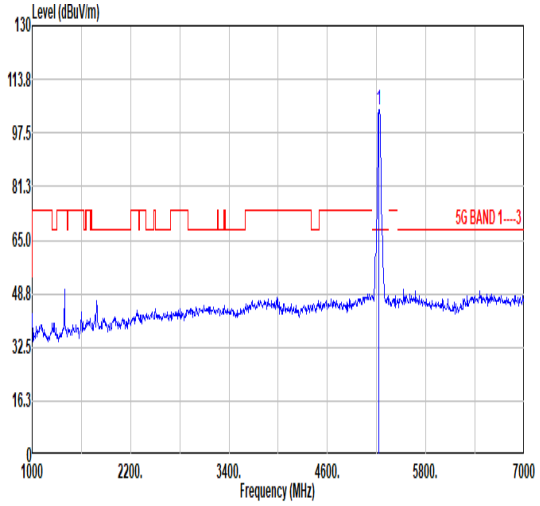
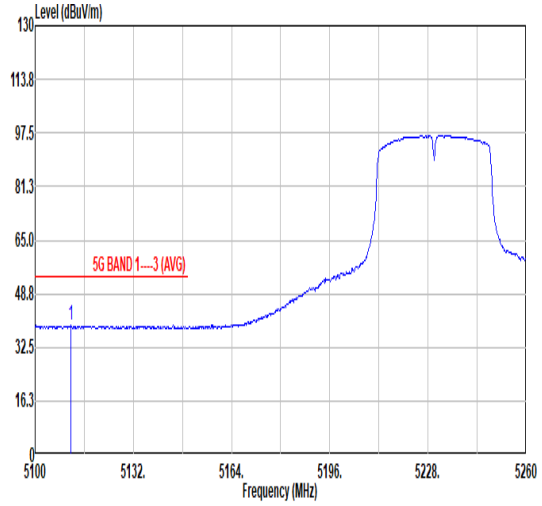
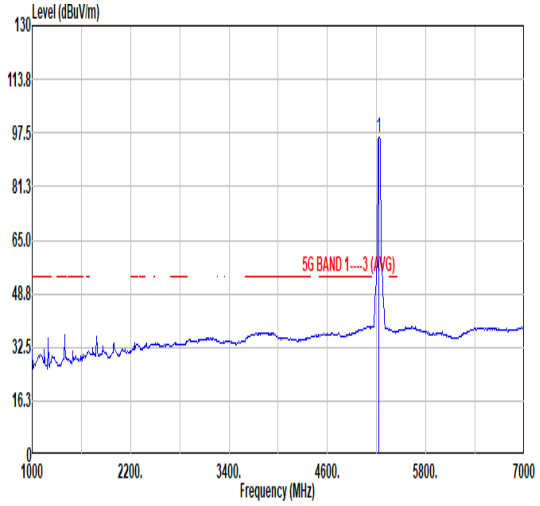
Pol. — Vertical



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7962.50	51.97	68.30	-16.33	69.86	35.80	13.32	67.01	0.00	---	---	PEAK
2	10380.00	47.85	68.30	-20.45	62.33	37.18	15.47	67.13	0.00	---	---	PEAK
3	11997.30	48.83	74.00	-25.17	59.80	38.50	16.68	66.15	0.00	---	---	PEAK
4	15570.00	50.96	74.00	-23.04	55.92	40.14	19.06	64.16	0.00	361	110	PEAK
5	15570.00	42.27	54.00	-11.73	47.21	40.15	19.07	64.16	0.00	361	110	AVERAGE

Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_Full_5230MHz	
ANT	CDD 0+1	
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 5146.56 51.67 74.00 -22.33 44.04 34.09 10.60 37.06 0.00 118 177 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 110.97 ------ ------ 102.93 34.26 10.68 36.90 0.00 118 177 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 5145.92 41.57 54.00 -12.43 33.94 34.09 10.60 37.06 0.00 118 177 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5230.00 102.13 ------ ------ 94.07 34.27 10.68 36.89 0.00 118 177 AVERAGE

Mode	20	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_Full_5230MHz	
ANT	CDD 0+1	
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 5354.46 51.04 74.00 -22.96 42.55 34.40 10.75 36.66 0.00 118 177 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.38 40.85 54.00 -13.15 32.36 34.40 10.75 36.66 0.00 118 177 AVERAGE	Blank

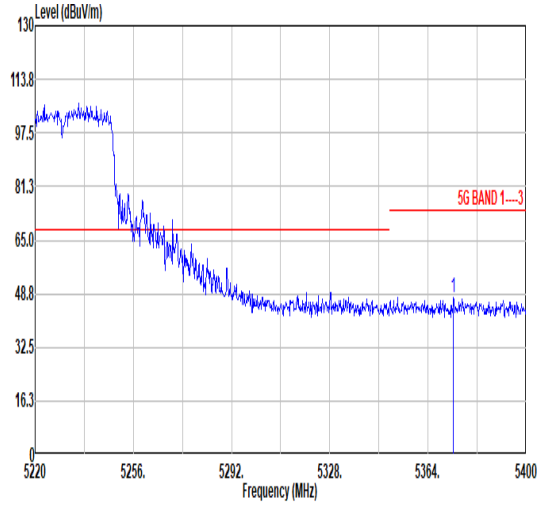
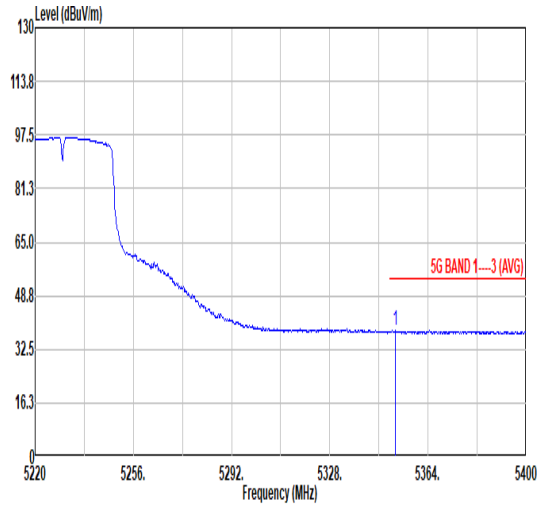
Mode	20	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_Full_5230MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5127.20	49.81	74.00	-24.19	42.27	34.05	10.58	37.09	0.00	300	69	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	104.66	------	------	96.62	34.26	10.68	36.90	0.00	300	69	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	5111.68	39.10	54.00	-14.90	31.63	34.02	10.57	37.12	0.00	300	69	AVERAGE

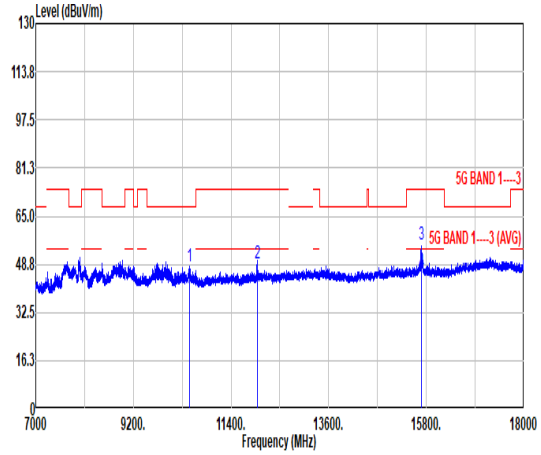
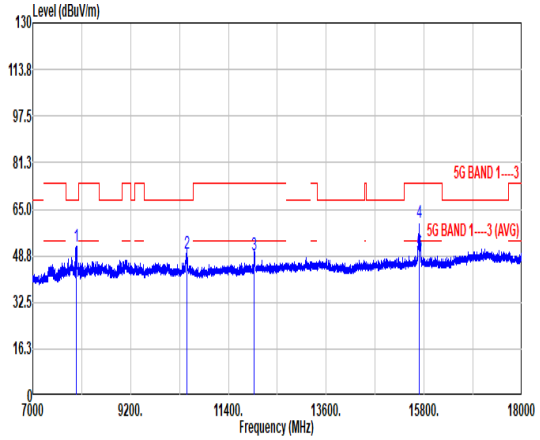
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	96.27	------	------	88.23	34.26	10.68	36.90	0.00	300	69	AVERAGE

Mode	20	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_Full_5230MHz	
ANT	CDD 0+1	
Pol.	Vertical	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	5373.36	47.57	74.00	-26.43	39.04	34.40	10.76	36.63	0.00	300	69	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	5351.94	38.13	54.00	-15.87	29.65	34.40	10.75	36.67	0.00	300	69	AVERAGE

Mode	20
	Harmonic
	U-NII-1_5.15-5.25_802.11ac VHT40_CH46_Full_5230MHz
ANT	CDD 0+1

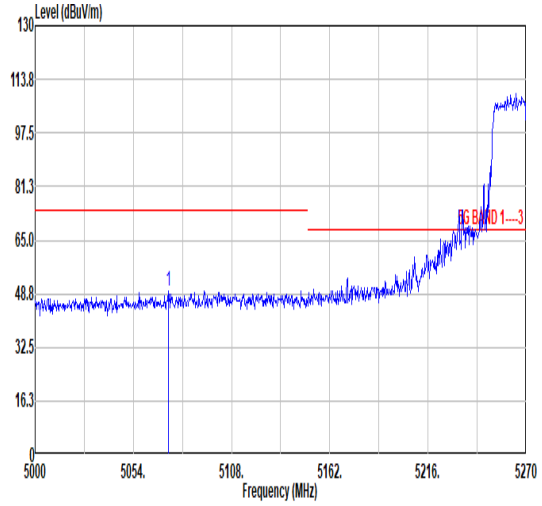
Pol.	Horizontal	Vertical
Peak Avg		

	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	10461.70	48.08	68.30	-20.22	62.44	37.20	15.54	67.10	0.00	---	---	PEAK
2	12000.60	49.02	74.00	-24.98	59.99	38.50	16.68	66.15	0.00	---	---	PEAK
3	15690.00	55.48	74.00	-18.52	60.31	40.20	19.14	64.17	0.00	357	270	PEAK
4	15690.00	45.88	54.00	-8.12	50.71	40.20	19.14	64.17	0.00	357	270	AVERAGE

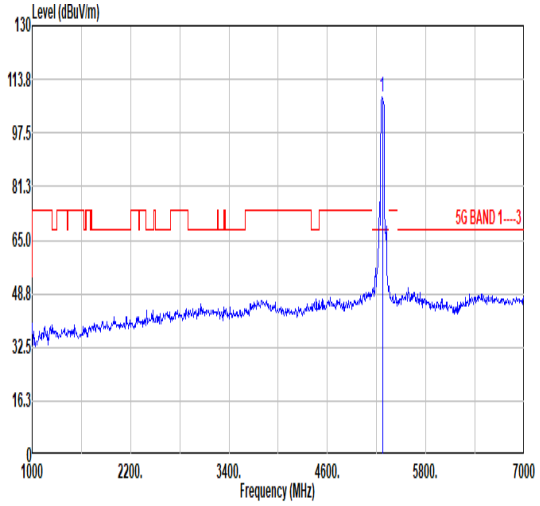
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7973.50	52.15	68.30	-16.15	70.02	35.80	13.33	67.00	0.00	---	---	PEAK
2	10460.00	49.34	68.30	-18.96	63.70	37.20	15.54	67.10	0.00	---	---	PEAK
3	11981.90	49.29	74.00	-24.71	60.29	38.50	16.67	66.17	0.00	---	---	PEAK
4	15690.00	60.13	74.00	-13.87	64.96	40.20	19.14	64.17	0.00	327	105	PEAK
5	15690.00	49.75	54.00	-4.25	54.58	40.20	19.14	64.17	0.00	327	105	AVERAGE

Mode	21	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_Full_5270MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

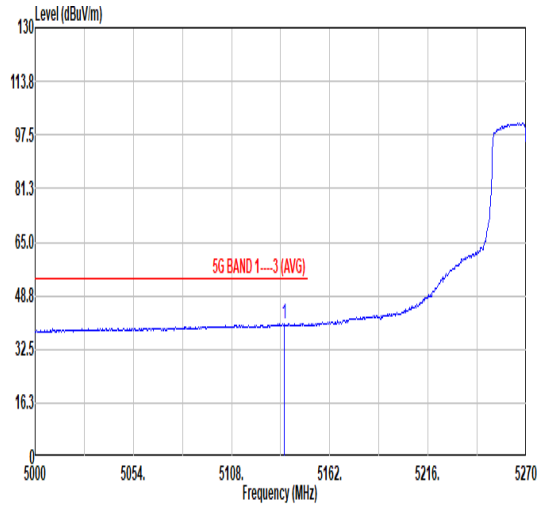


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5073.17	49.64	74.00	-24.36	42.41	33.89	10.53	37.19	0.00	112	176	PEAK

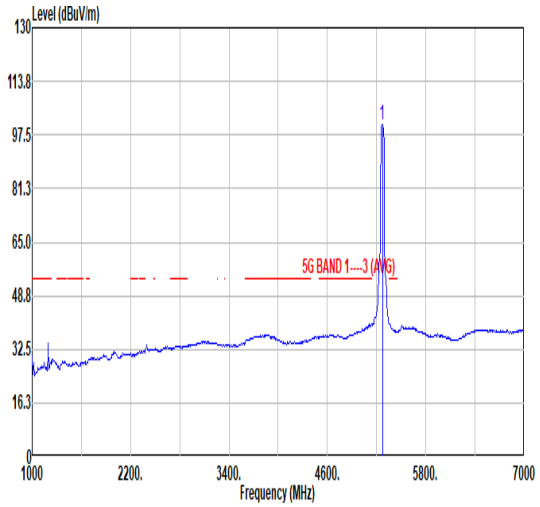


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5270.00	108.63	------	------	100.46	34.30	10.70	36.83	0.00	112	176	PEAK

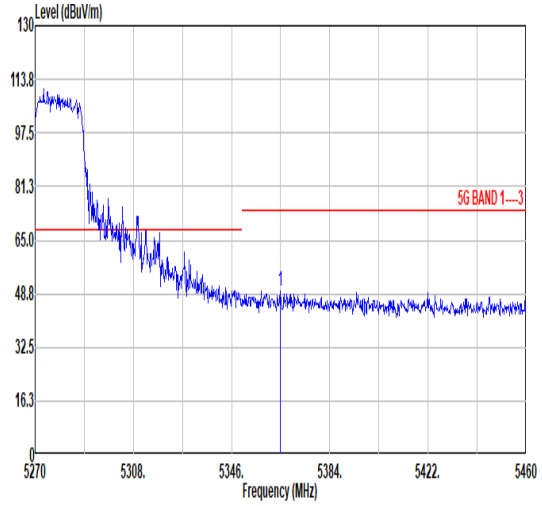
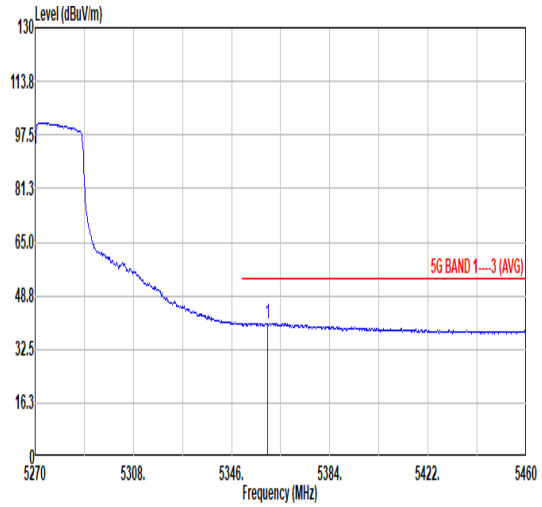
Avg

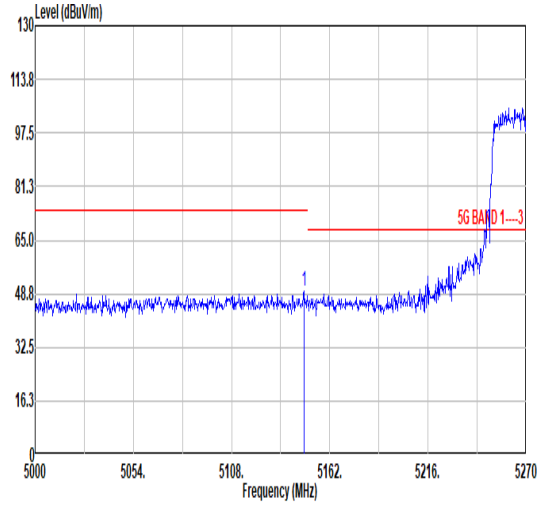
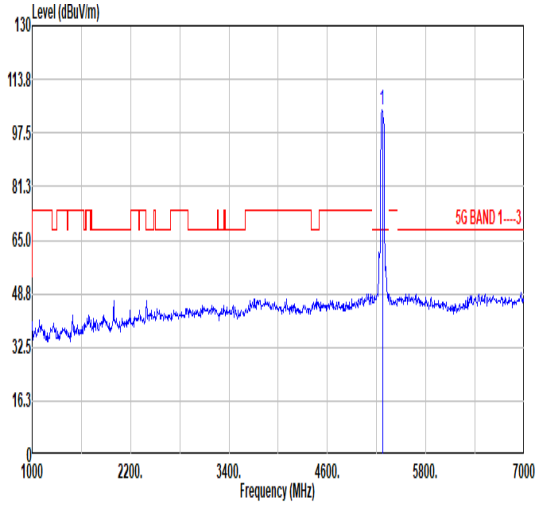
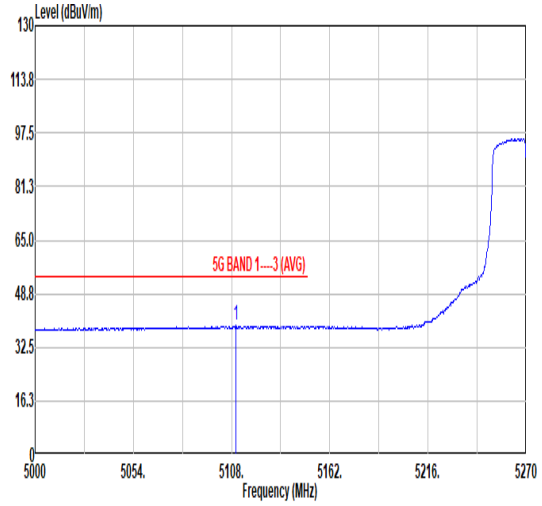
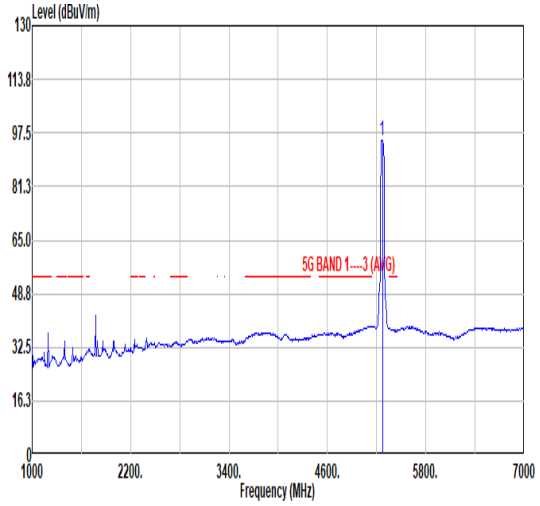


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5136.89	40.24	54.00	-13.76	32.65	34.07	10.59	37.07	0.00	112	176	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5270.00	100.78	------	------	92.60	34.30	10.70	36.82	0.00	112	176	AVERAGE

Mode	21	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_Full_5270MHz	
ANT	CDD 0+1	
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 5364.81 49.54 74.00 -24.46 41.02 34.40 10.76 36.64 0.00 112 176 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 5359.87 40.43 54.00 -13.57 31.93 34.40 10.75 36.65 0.00 112 176 AVERAGE	Blank

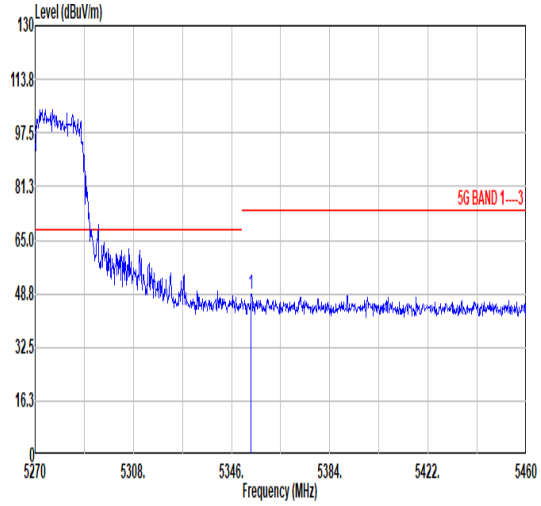
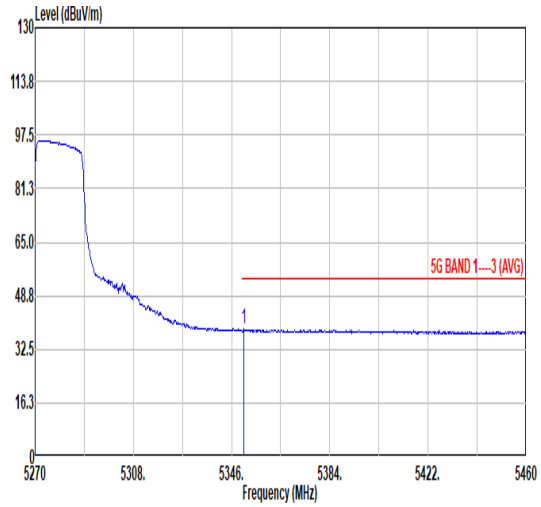
Mode	21	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_Full_5270MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.69	49.31	74.00	-24.69	41.65	34.10	10.61	37.05	0.00	331	67	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5270.00	104.63	------	------	96.46	34.30	10.70	36.83	0.00	331	67	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	5110.16	39.03	54.00	-14.97	31.56	34.02	10.57	37.12	0.00	331	67	AVERAGE

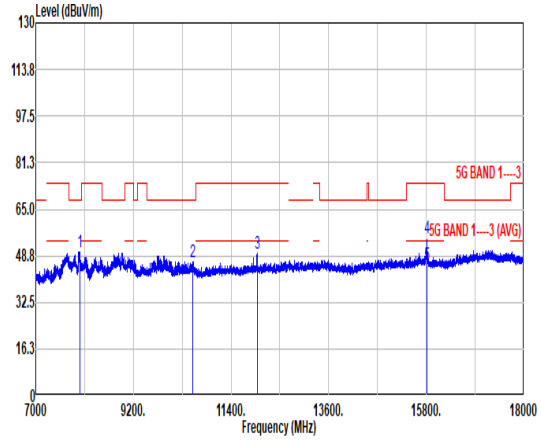
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5270.00	95.29	------	------	87.12	34.30	10.70	36.83	0.00	331	67	AVERAGE

Mode	21	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_Full_5270MHz	
ANT	CDD 0+1	
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 5353.60 48.64 74.00 -25.36 40.15 34.40 10.75 36.66 0.00 331 67 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 5350.75 38.55 54.00 -15.45 30.07 34.40 10.75 36.67 0.00 331 67 AVERAGE	Blank

Mode	21
	Harmonic
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH54_Full_5270MHz
ANT	CDD 0+1

Pol. — Horizontal

Peak

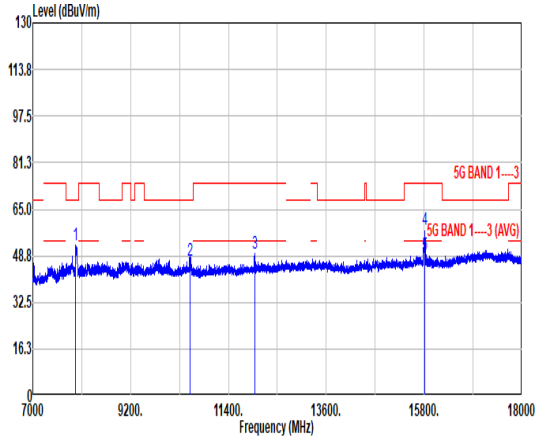


Avg

	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	7992.20	50.23	68.30	-18.07	68.08	35.80	13.34	66.99	0.00	---	---	PEAK
2	10542.00	46.56	68.30	-21.74	60.77	37.24	15.62	67.07	0.00	---	---	PEAK
3	11988.50	49.59	74.00	-24.41	60.58	38.50	16.67	66.16	0.00	---	---	PEAK
4	15810.00	55.03	74.00	-18.97	60.07	39.91	19.22	64.17	0.00	342	264	PEAK
5	15810.00	45.69	54.00	-8.31	50.74	39.90	19.22	64.17	0.00	342	264	AVERAGE

Pol. — Vertical

Peak

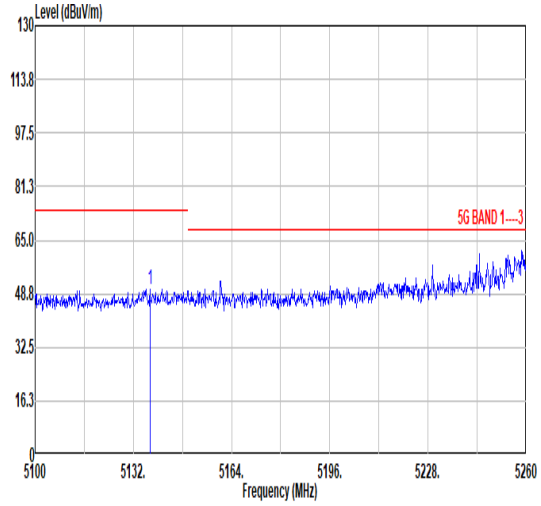


Avg

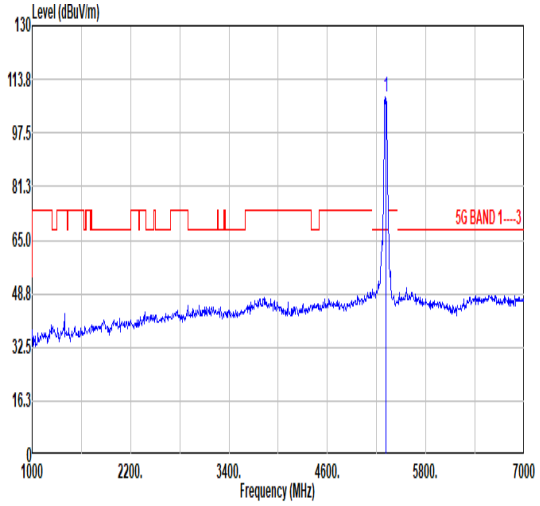
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7962.50	52.49	68.30	-15.81	70.38	35.80	13.32	67.01	0.00	---	---	PEAK
2	10540.00	47.30	68.30	-21.00	61.51	37.24	15.62	67.07	0.00	---	---	PEAK
3	12000.60	49.40	74.00	-24.60	60.37	38.50	16.68	66.15	0.00	---	---	PEAK
4	15810.00	57.64	74.00	-16.36	62.68	39.91	19.22	64.17	0.00	336	101	PEAK
5	15810.00	48.88	54.00	-5.12	53.92	39.91	19.22	64.17	0.00	336	101	AVERAGE

Mode	22	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_Full_5310MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

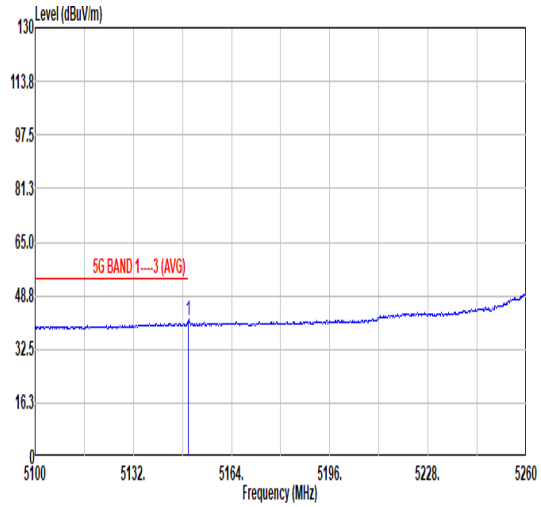


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5137.44	50.28	74.00	-23.72	42.68	34.07	10.60	37.07	0.00	100	175	PEAK

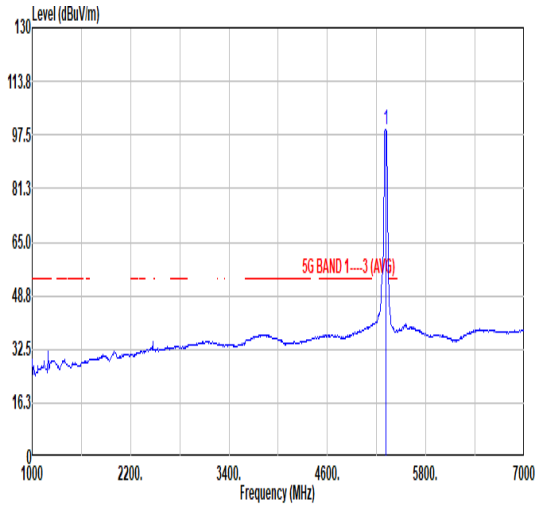


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5310.00	108.28	68.30	39.98	100.02	34.30	10.72	36.76	0.00	100	175	PEAK

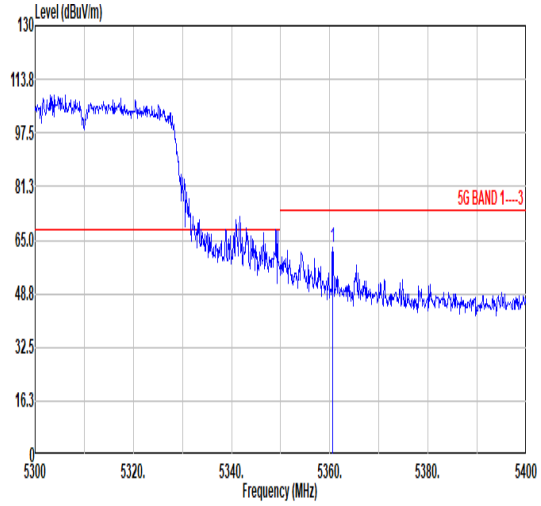
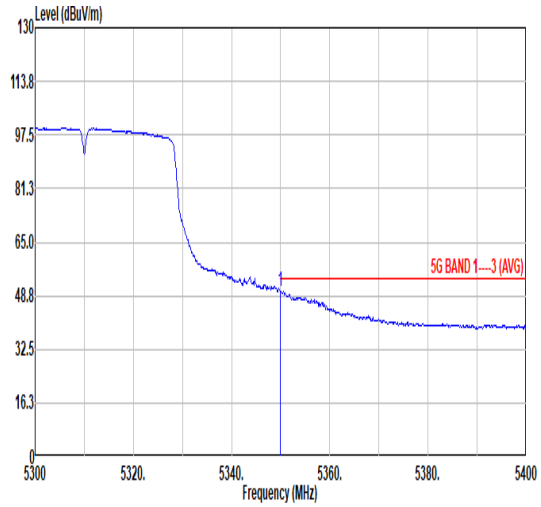
Avg

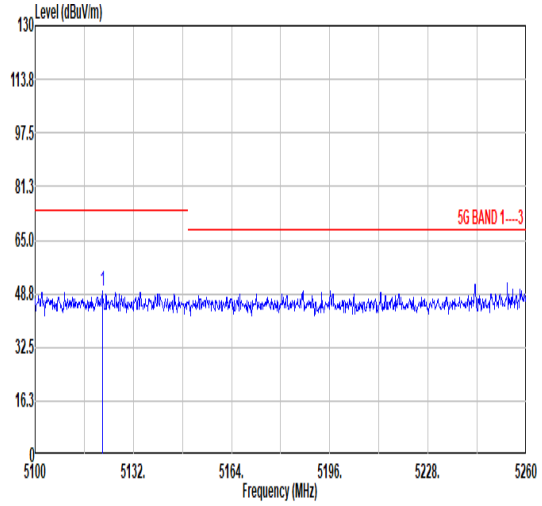
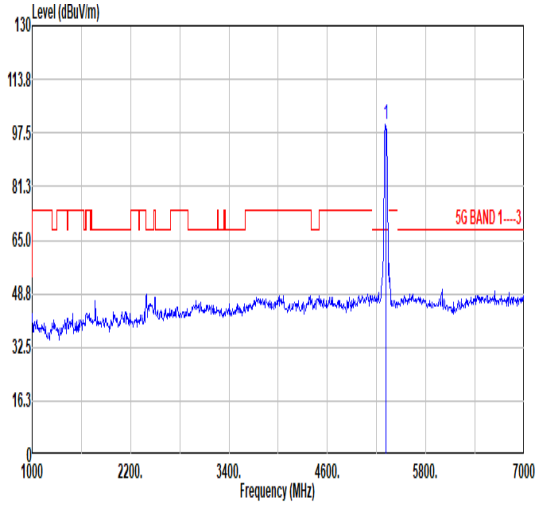
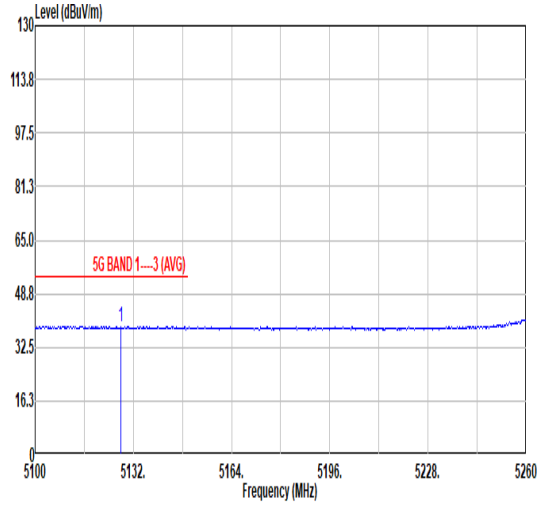
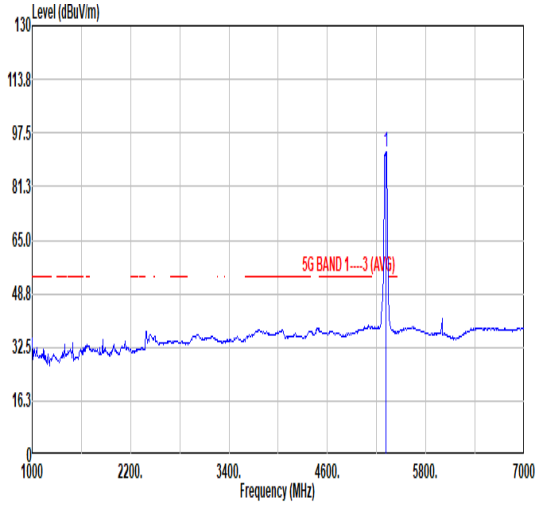


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.92	41.39	54.00	-12.61	33.73	34.10	10.61	37.05	0.00	100	175	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5310.00	99.14	68.30	30.84	90.88	34.30	10.72	36.76	0.00	100	175	AVERAGE

Mode	22	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_Full_5310MHz	
ANT	CDD 0+1	
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 5360.60 62.71 74.00 -11.29 54.21 34.40 10.75 36.65 0.00 100 175 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.00 50.16 54.00 -3.84 41.68 34.40 10.75 36.67 0.00 100 175 AVERAGE	Blank

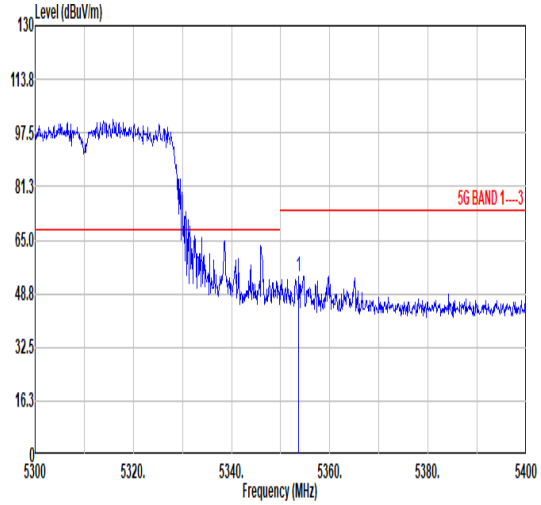
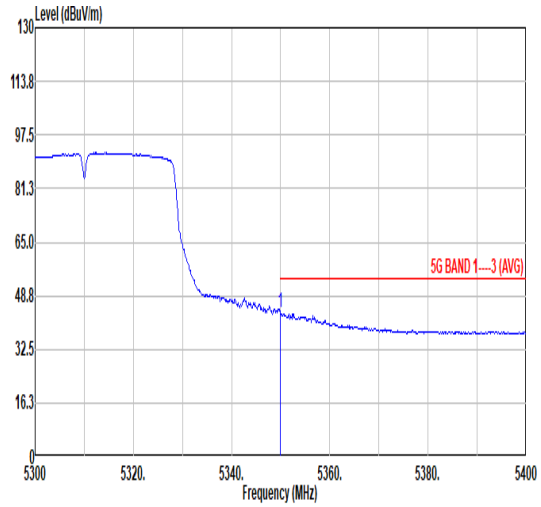
Mode	22	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_Full_5310MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5121.92	49.36	74.00	-24.64	41.84	34.04	10.58	37.10	0.00	300	24	PEAK

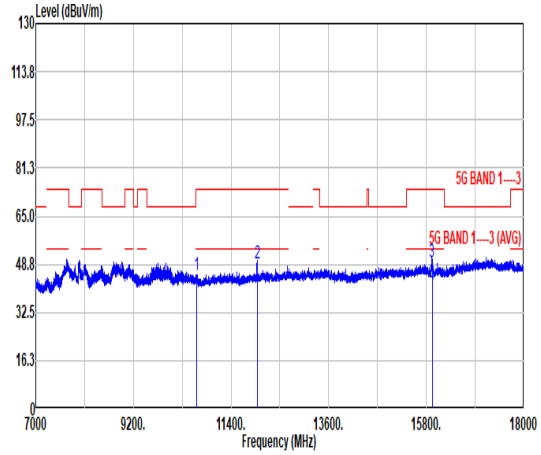
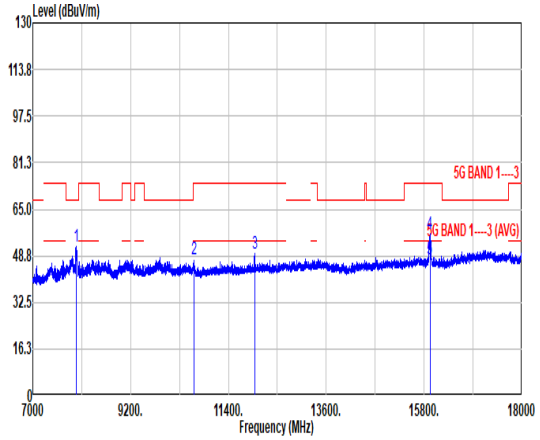
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5310.00	99.97	68.30	31.67	91.68	34.32	10.72	36.75	0.00	300	24	PEAK

	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	5128.00	38.89	54.00	-15.11	31.33	34.06	10.59	37.09	0.00	300	24	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	91.84	68.30	23.54	83.52	34.33	10.73	36.74	0.00	300	24	AVERAGE

Mode	22	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_Full_5310MHz	
ANT	CDD 0+1	
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 5353.70 53.98 74.00 -20.02 45.49 34.40 10.75 36.66 0.00 300 24 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 5350.00 43.77 54.00 -10.23 35.29 34.40 10.75 36.67 0.00 300 24 AVERAGE	Blank

Mode	22
	Harmonic
	U-NII-2A_5.25-5.35_802.11ac VHT40_CH62_Full_5310MHz
ANT	CDD 0+1

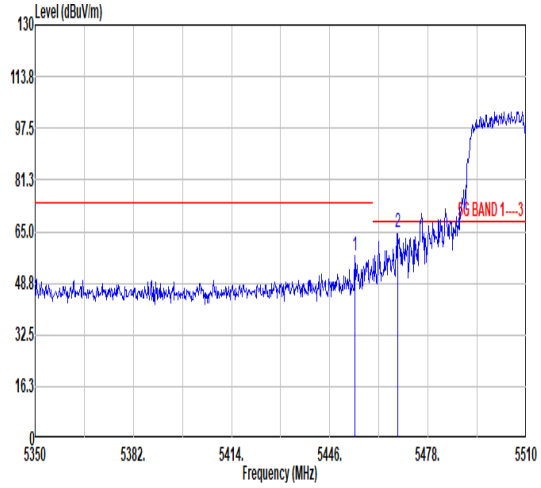
Pol.	Horizontal	Vertical
Peak Avg		

	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	10620.10	45.02	74.00	-28.98	59.06	37.32	15.69	67.05	0.00	---	---	PEAK
2	11986.30	48.98	74.00	-25.02	59.97	38.50	16.67	66.16	0.00	---	---	PEAK
3	15930.00	49.76	74.00	-24.24	54.52	40.12	19.30	64.18	0.00	200	254	PEAK
4	15930.00	41.48	54.00	-12.52	46.25	40.11	19.30	64.18	0.00	200	254	AVERAGE

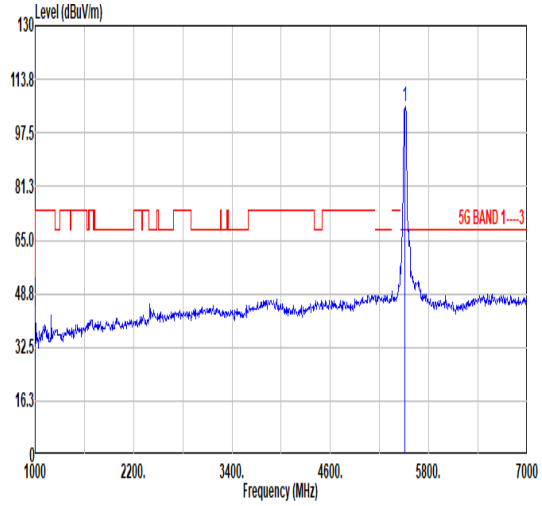
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7981.20	51.99	68.30	-16.31	69.85	35.80	13.33	66.99	0.00	---	---	PEAK
2	10620.00	47.51	74.00	-26.49	61.55	37.32	15.69	67.05	0.00	---	---	PEAK
3	11998.40	49.34	74.00	-24.66	60.31	38.50	16.68	66.15	0.00	---	---	PEAK
4	15930.00	56.56	74.00	-17.44	61.32	40.12	19.30	64.18	0.00	311	105	PEAK
5	15930.00	47.74	54.00	-6.26	52.50	40.12	19.30	64.18	0.00	311	105	AVERAGE

Mode	23	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_Full_5510MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

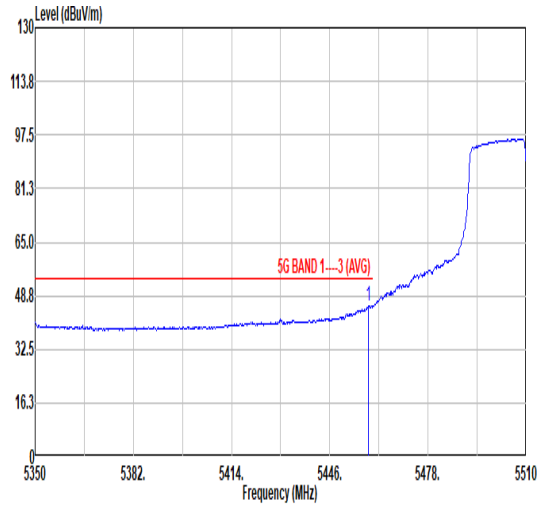


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5454.16	57.41	74.00	-16.59	48.64	34.41	10.83	36.47	0.00	100	123	PEAK
2	5468.08	64.83	68.30	-3.47	55.99	34.44	10.85	36.45	0.00	100	123	PEAK

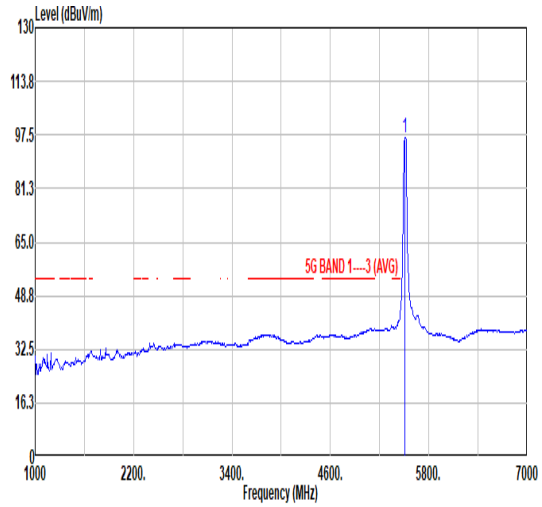


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	105.60	68.30	37.30	96.54	34.50	10.91	36.35	0.00	100	123	PEAK

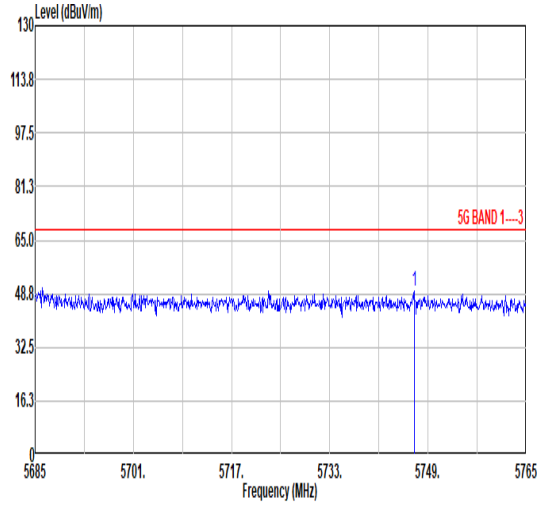
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.64	45.81	54.00	-8.19	37.02	34.42	10.84	36.47	0.00	100	123	AVERAGE



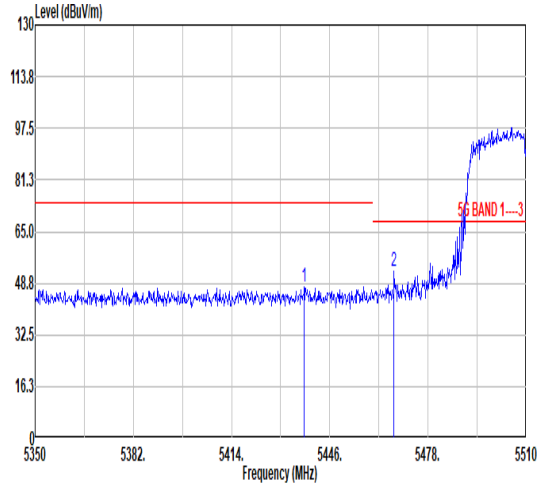
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	96.57	68.30	28.27	87.53	34.50	10.90	36.36	0.00	100	123	AVERAGE

Mode	23	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_Full_5510MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		Blank

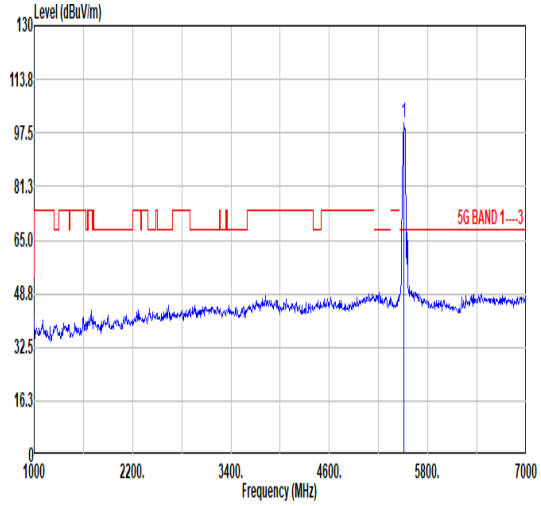
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5746.76	49.53	68.30	-18.77	41.73	34.59	11.21	38.00	0.00	100	123	PEAK

Mode	23	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_Full_5510MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental

Peak

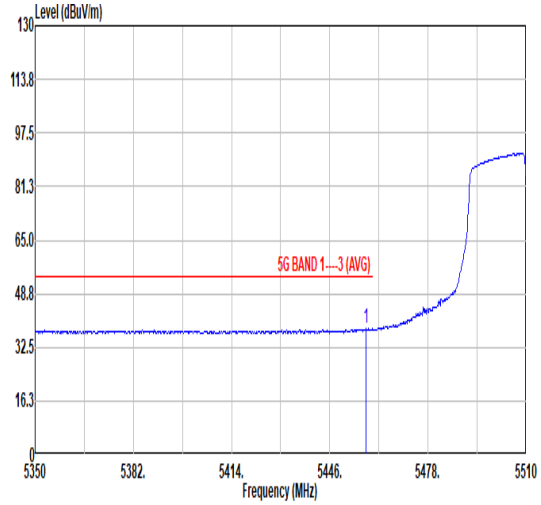


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5437.68	47.49	74.00	-26.51	38.78	34.40	10.81	36.50	0.00	337	57	PEAK
2	5466.96	52.44	68.30	-15.86	43.61	34.43	10.85	36.45	0.00	337	57	PEAK

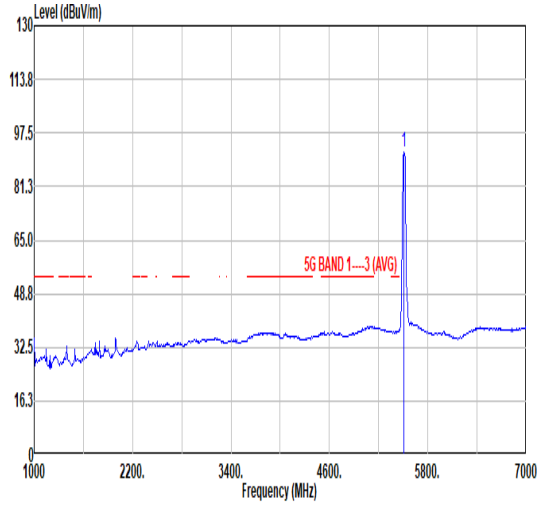


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	100.67	68.30	32.37	91.63	34.50	10.90	36.36	0.00	337	57	PEAK

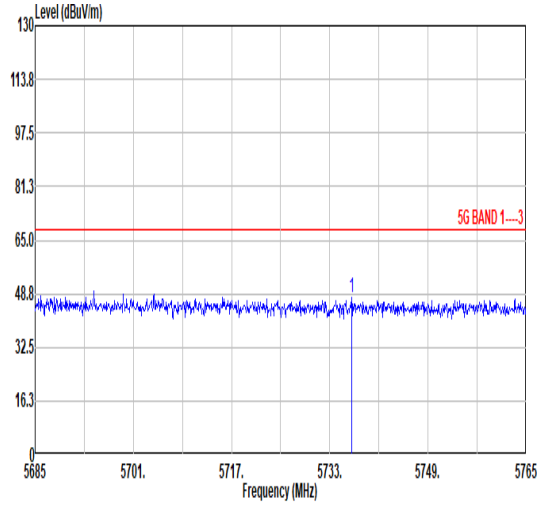
Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5457.84	38.20	54.00	-15.80	29.41	34.42	10.84	36.47	0.00	337	57	AVERAGE

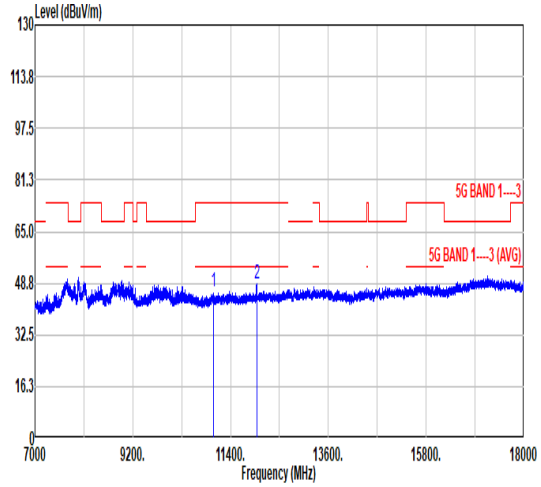
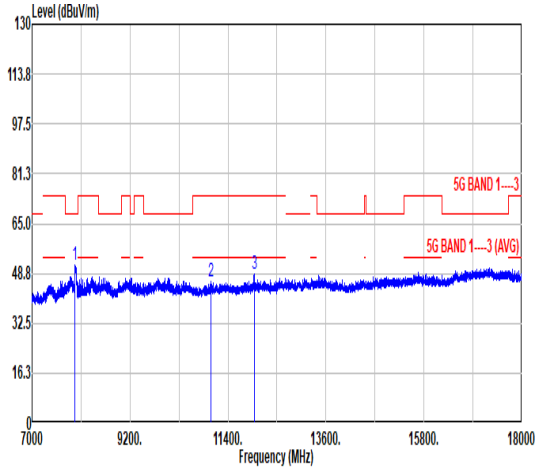


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5510.00	91.56	68.30	23.26	82.52	34.50	10.90	36.36	0.00	337	57	AVERAGE

Mode	23	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_Full_5510MHz	
ANT	CDD 0+1	
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	5736.60	47.81	68.30	-20.49	39.87	34.57	11.19	37.82	0.00	337	57	PEAK

Mode	23
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH102_Full_5510MHz
ANT	CDD 0+1

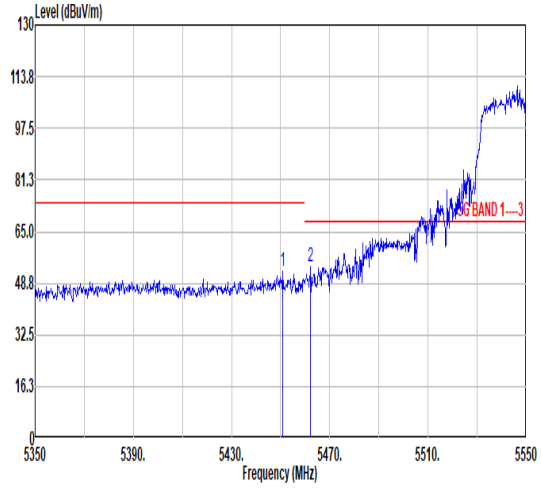
Pol.	Horizontal	Vertical
Peak Avg		

	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	45.92	74.00	-28.08	58.84	37.92	16.06	66.90	0.00	---	---	PEAK
2	11988.50	48.66	74.00	-25.34	59.65	38.50	16.67	66.16	0.00	---	---	PEAK

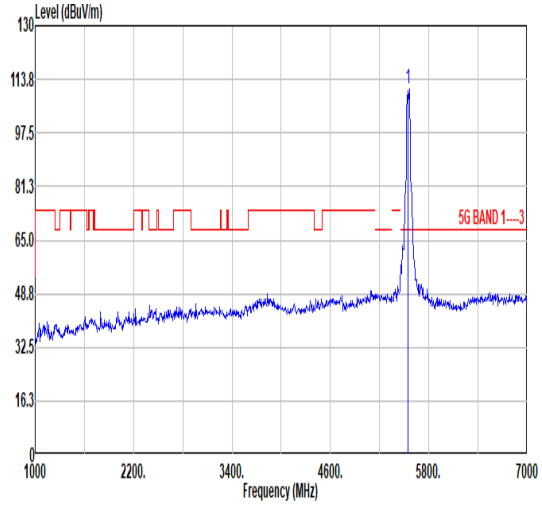
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7962.50	51.27	68.30	-17.03	69.16	35.80	13.32	67.01	0.00	---	---	PEAK
2	11020.00	45.95	74.00	-28.05	58.87	37.92	16.06	66.90	0.00	---	---	PEAK
3	11995.10	48.36	74.00	-25.64	59.33	38.50	16.68	66.15	0.00	---	---	PEAK

Mode	24	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110_Full_5550MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

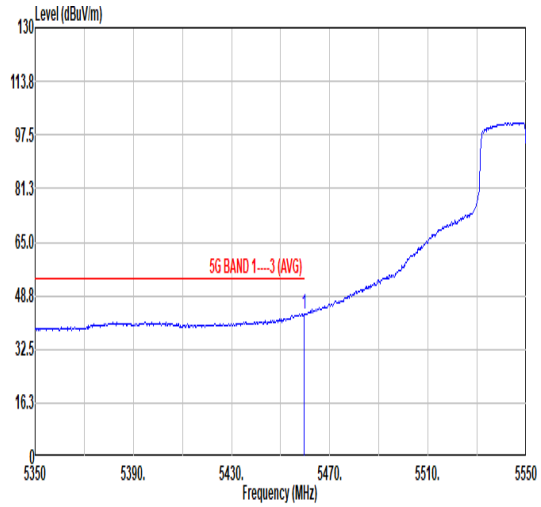


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5450.80	52.37	74.00	-21.63	43.62	34.40	10.83	36.48	0.00	103	120	PEAK
2	5462.20	53.87	68.30	-14.43	45.07	34.42	10.84	36.46	0.00	103	120	PEAK

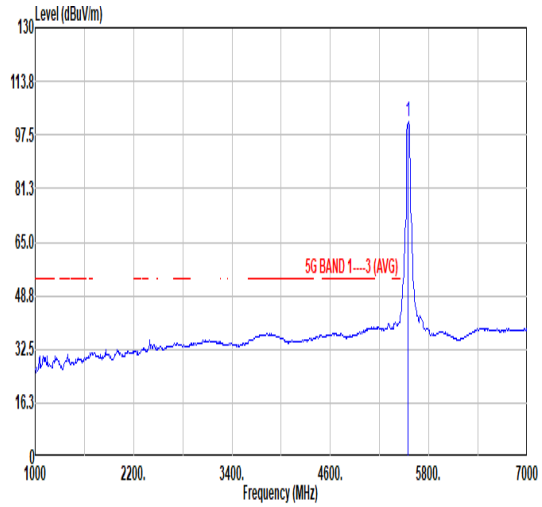


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5550.00	110.92	68.30	42.62	101.72	34.50	10.96	36.26	0.00	103	120	PEAK

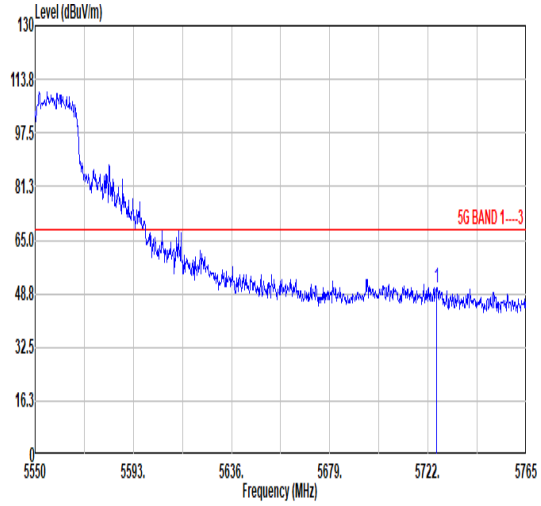
Avg



	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	5459.60	43.34	54.00	-10.66	34.54	34.42	10.84	36.46	0.00	103	120	AVERAGE

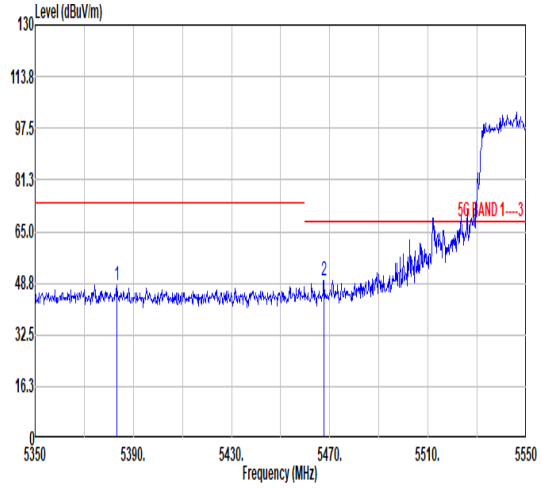
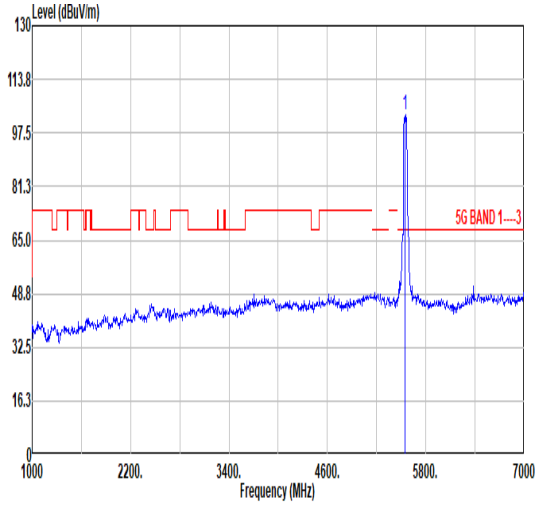
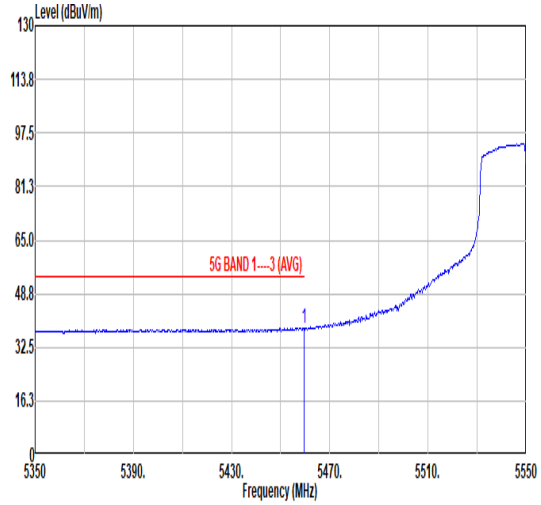
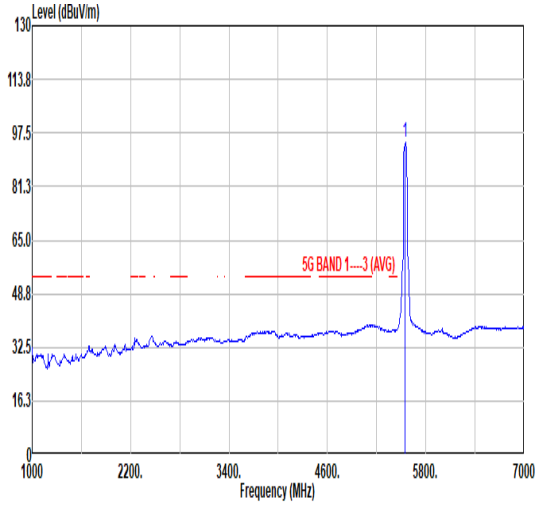


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5550.00	101.46	68.30	33.16	92.29	34.50	10.95	36.28	0.00	103	120	AVERAGE

Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110_Full_5550MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		Blank

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5725.66	50.43	68.30	-17.87	42.33	34.55	11.18	37.63	0.00	103	120	PEAK

Mode	24
	Band Edge - L
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110_Full_5550MHz
ANT	CDD 0+1

Pol.	Vertical	Fundamental
Peak		
Avg		

Pol. = 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	5383.20	48.19	74.00	-25.81	39.63	34.40	10.77	36.61	0.00	317	53	PEAK
2	5467.60	49.77	68.30	-18.53	40.93	34.44	10.85	36.45	0.00	317	53	PEAK

Pol. = Fundamental, Peak

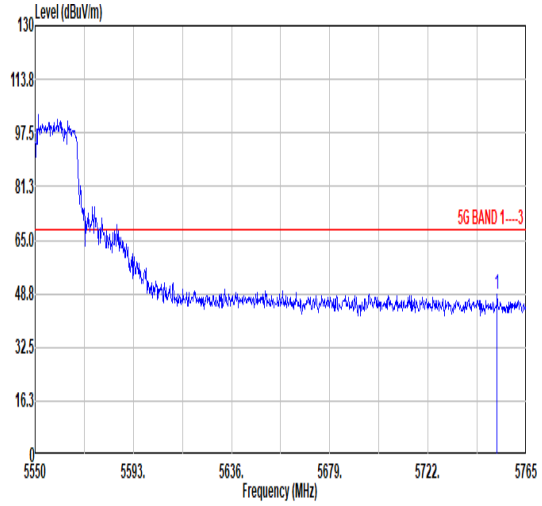
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5550.00	102.85	68.30	34.55	93.68	34.50	10.95	36.28	0.00	317	53	PEAK

Pol. = Vertical, Avg

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.60	38.33	54.00	-15.67	29.53	34.42	10.84	36.46	0.00	317	53	AVERAGE

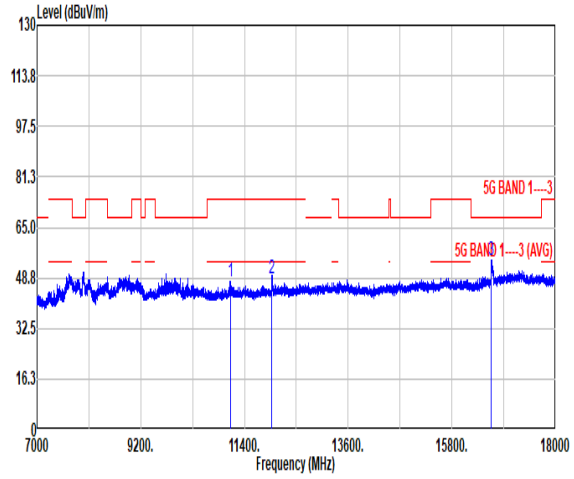
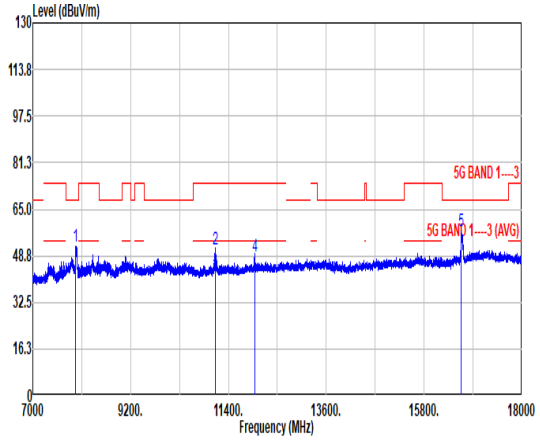
Pol. = Fundamental, Avg

	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	5550.00	94.53	68.30	26.23	85.36	34.50	10.95	36.28	0.00	317	53	AVERAGE

Mode	24	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110_Full_5550MHz	
ANT	CDD 0+1	
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	5752.32	48.76	68.30	-19.54	41.05	34.60	11.21	38.10	0.00	317	53	PEAK

Mode	24
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH110_Full_5550MHz
ANT	CDD 0+1

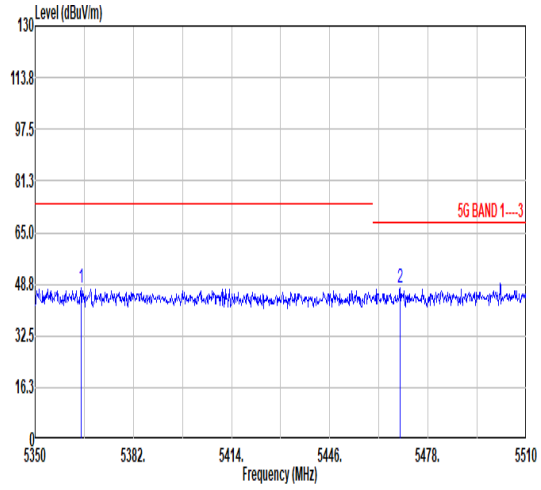
Pol.	Horizontal	Vertical
Peak Avg		

	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	11097.50	47.58	74.00	-26.42	60.35	38.00	16.11	66.88	0.00	---	---	PAEK
2	11984.10	48.73	74.00	-25.27	59.73	38.50	16.67	66.17	0.00	---	---	PEAK
3	16639.30	54.60	68.30	-13.70	57.66	41.58	19.76	64.40	0.00	---	---	PEAK

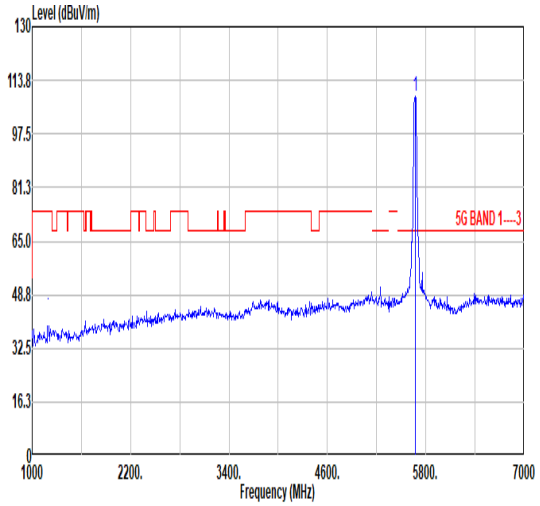
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7965.80	52.02	68.30	-16.28	69.90	35.80	13.32	67.00	0.00	---	---	PEAK
2	11100.00	51.24	74.00	-22.76	64.00	38.00	16.11	66.87	0.00	307	277	PEAK
3	11100.00	41.88	54.00	-12.12	54.64	38.00	16.11	66.87	0.00	307	277	AVERAGE
4	12000.60	48.64	74.00	-25.36	59.61	38.50	16.68	66.15	0.00	---	---	PEAK
5	16637.10	57.50	68.30	-10.80	60.57	41.57	19.76	64.40	0.00	---	---	PEAK

Mode	25	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_Full_5670MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

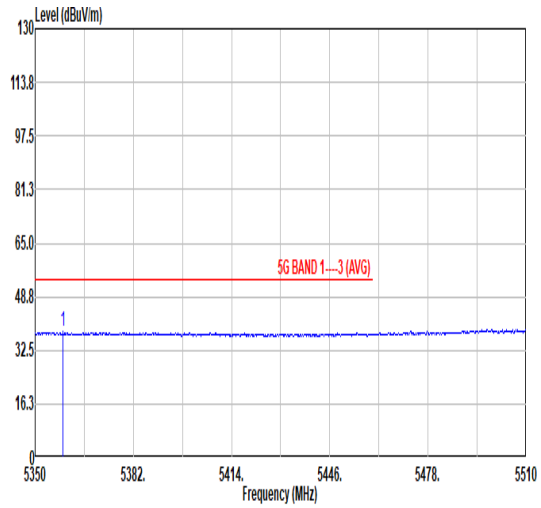


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5364.88	47.65	74.00	-26.35	39.13	34.40	10.76	36.64	0.00	115	184	PEAK
2	5468.88	47.37	68.30	-20.93	38.53	34.44	10.85	36.45	0.00	115	184	PEAK

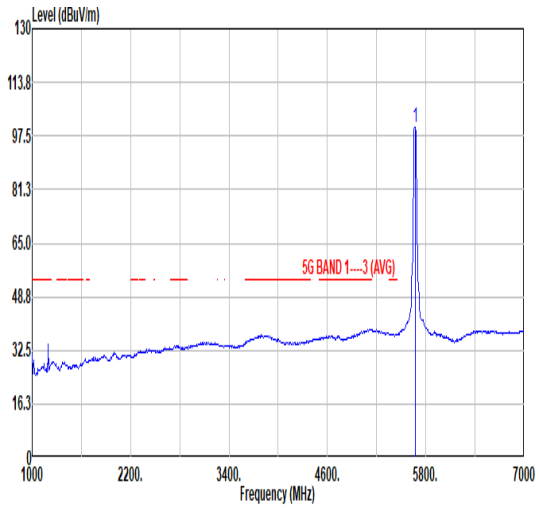


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5670.00	108.89	------	------	99.89	34.50	11.10	36.60	0.00	115	184	PEAK

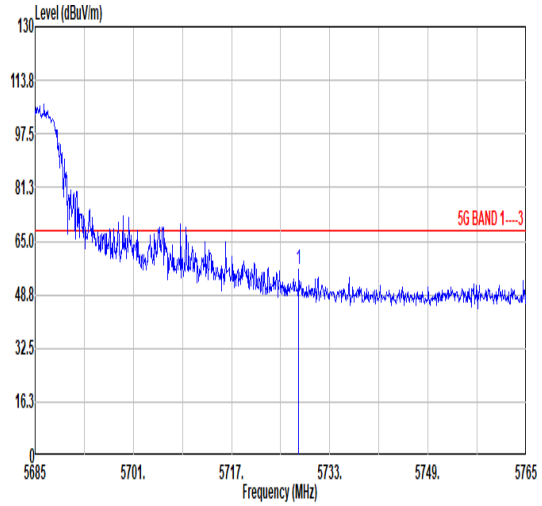
Avg



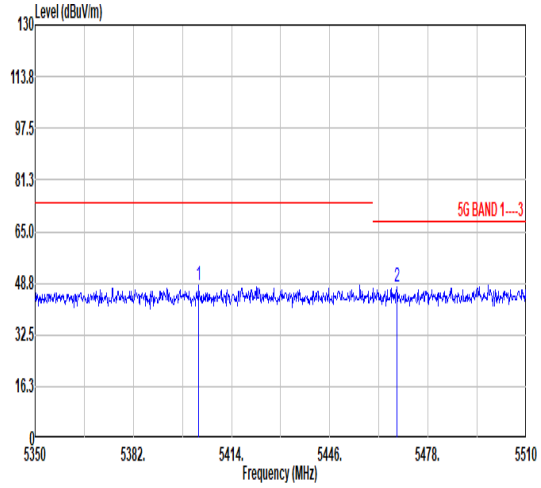
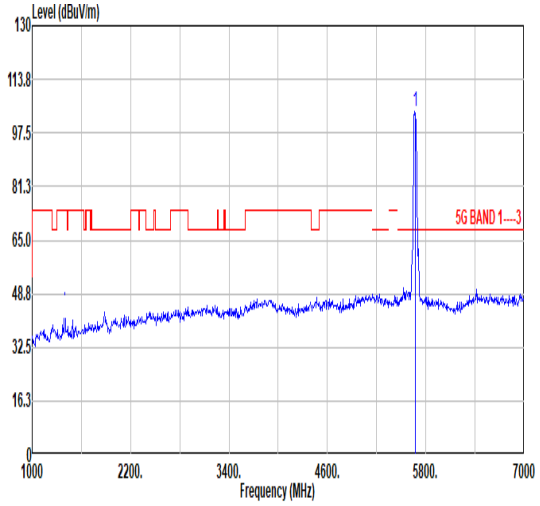
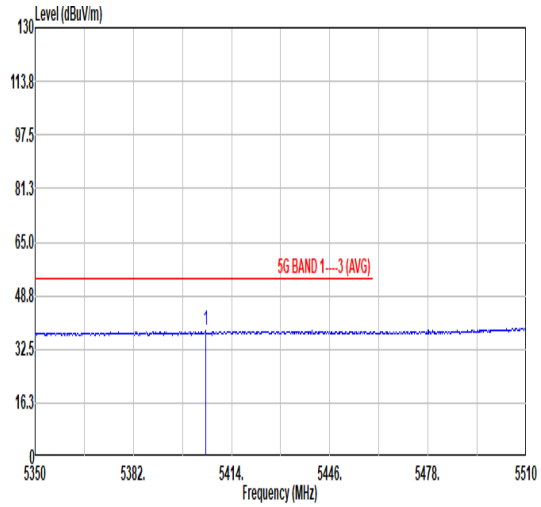
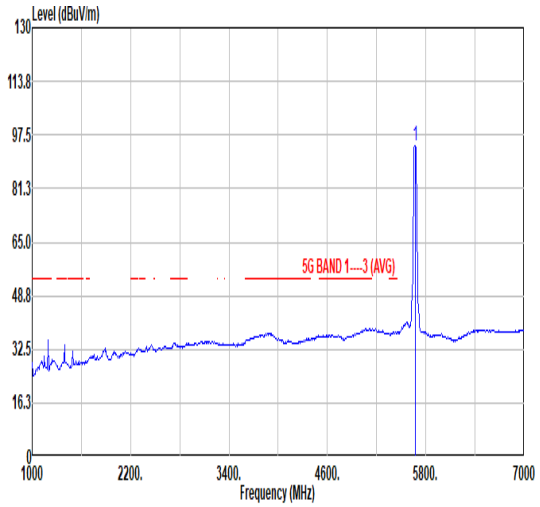
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5359.12	38.09	54.00	-15.91	29.59	34.40	10.75	36.65	0.00	115	184	AVERAGE

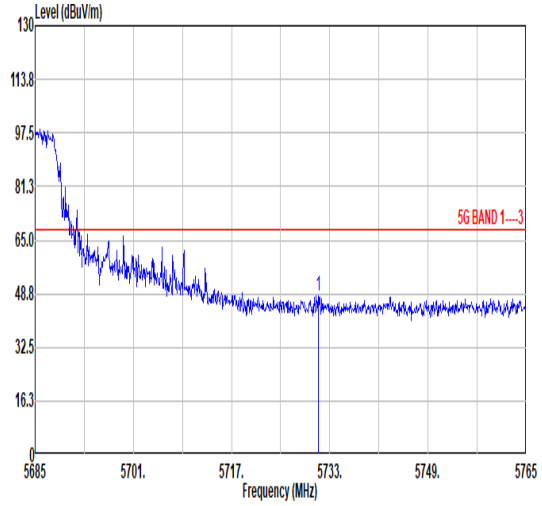


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5670.00	100.18	------	------	91.18	34.50	11.10	36.60	0.00	115	184	AVERAGE

Mode	25	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_Full_5670MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		Blank

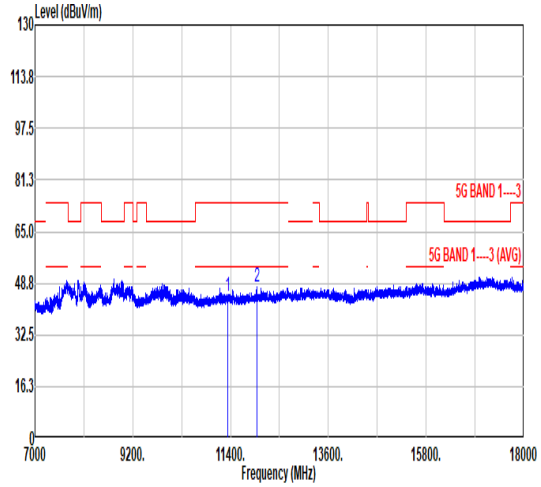
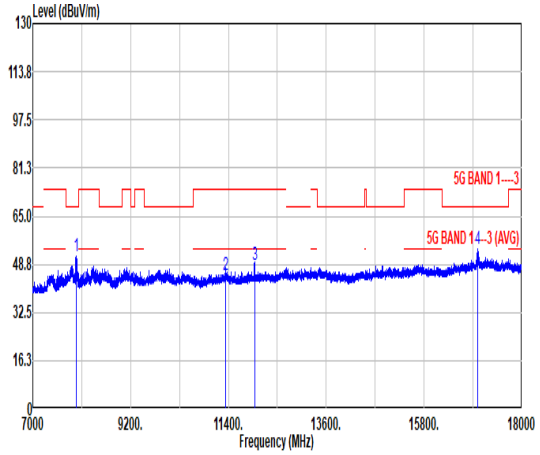
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5727.96	56.22	68.30	-12.08	48.15	34.56	11.18	37.67	0.00	115	184	PEAK

Mode	25	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_Full_5670MHz	
ANT	CDD 0+1	
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 5403.28 48.06 74.00 -25.94 39.45 34.40 10.78 36.57 0.00 393 85 PEAK 2 5467.76 47.61 68.30 -20.69 38.77 34.44 10.85 36.45 0.00 393 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 5670.00 103.84 ------ ------ 94.74 34.50 11.09 36.49 0.00 393 85 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 5405.52 38.10 54.00 -15.90 29.49 34.40 10.78 36.57 0.00 393 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 5670.00 94.27 ------ ------ 85.27 34.50 11.10 36.60 0.00 393 85 AVERAGE

Mode	25	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_Full_5670MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		Blank

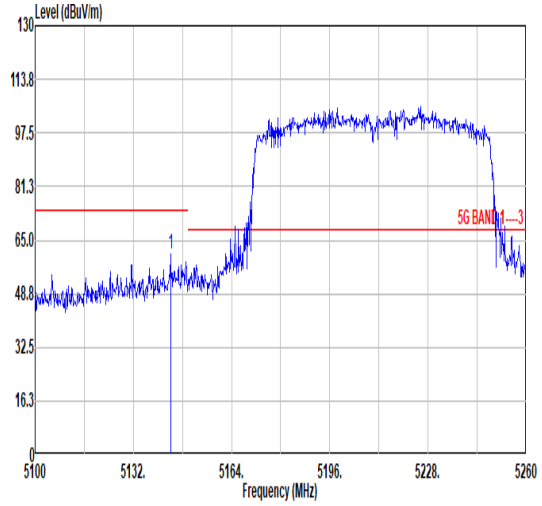
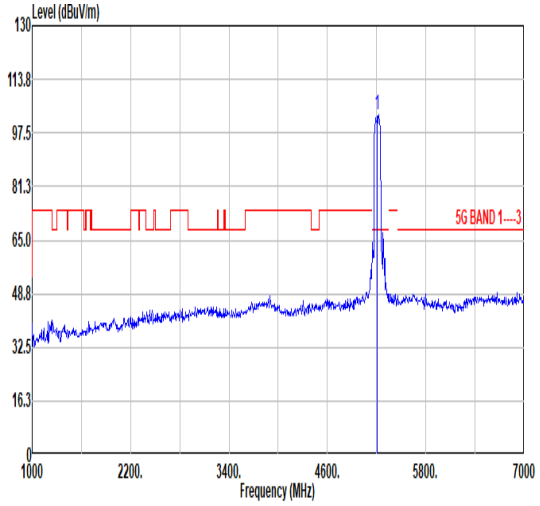
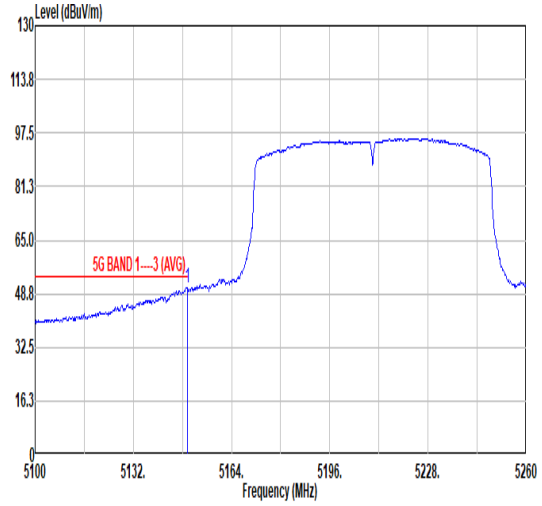
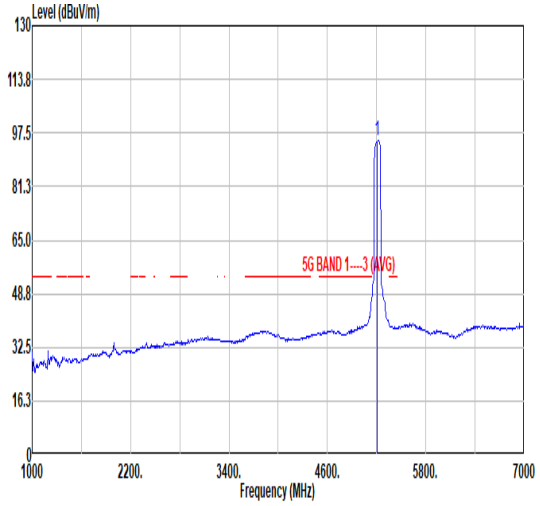
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5731.16	47.89	68.30	-20.41	39.87	34.56	11.18	37.72	0.00	393	85	PEAK

Mode	25
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT40_CH134_Full_5670MHz
ANT	CDD 0+1

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	44.47	74.00	-29.53	56.86	38.14	16.26	66.79	0.00	---	---	PEAK
2	11988.50	47.63	74.00	-26.37	58.62	38.50	16.67	66.16	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	7977.90	51.68	68.30	-16.62	69.55	35.80	13.33	67.00	0.00	---	---	PEAK
2	11340.00	45.29	74.00	-28.71	57.68	38.14	16.26	66.79	0.00	---	---	PEAK
3	11996.20	48.38	74.00	-25.62	59.35	38.50	16.68	66.15	0.00	---	---	PEAK
4	17004.50	54.02	68.30	-14.28	56.06	42.48	20.00	64.52	0.00	---	---	PEAK

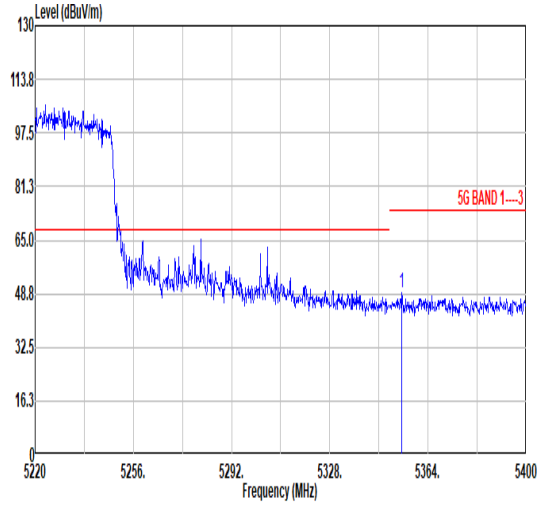
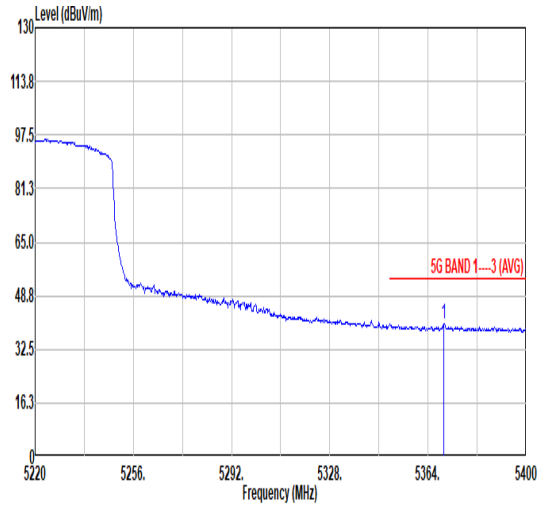
Mode	26	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_Full_5210MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak		
Avg		

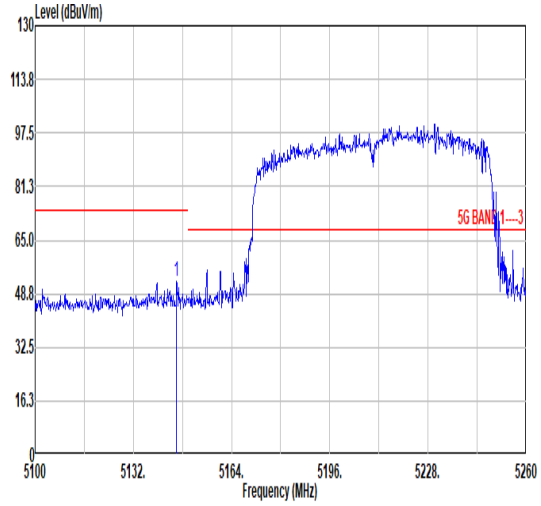
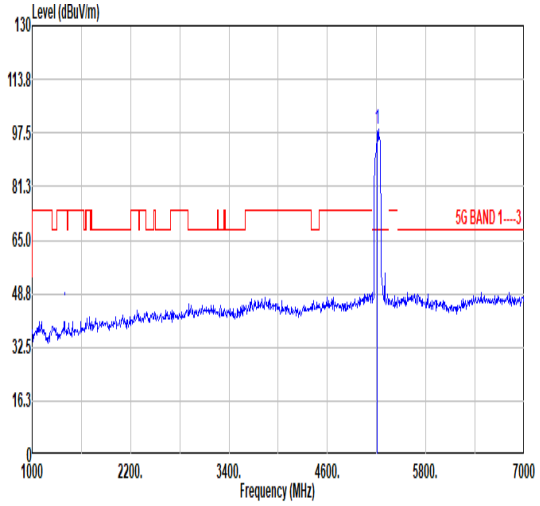
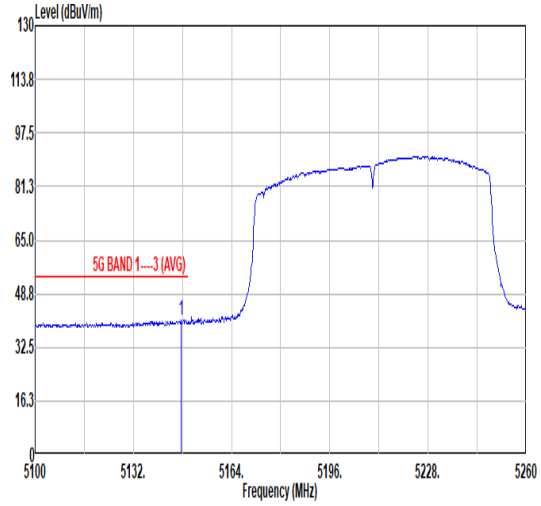
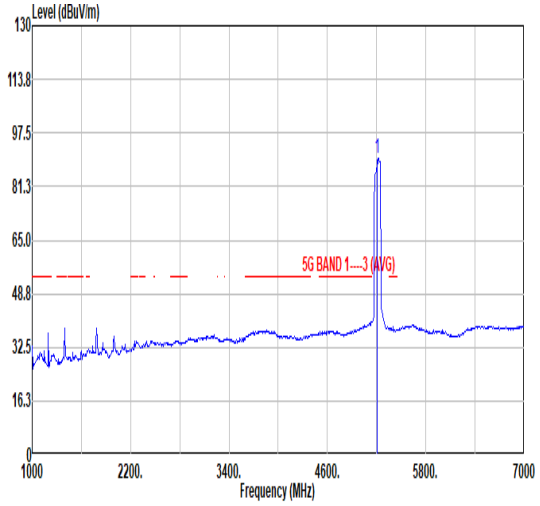
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5144.16	61.02	74.00	-12.98	53.39	34.09	10.60	37.06	0.00	123	175	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	103.08	------	------	95.07	34.25	10.67	36.91	0.00	123	175	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.60	50.62	54.00	-3.38	42.96	34.10	10.61	37.05	0.00	123	175	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	95.27	------	------	87.28	34.24	10.67	36.92	0.00	123	175	AVERAGE

Mode	26	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_Full_5210MHz	
ANT	CDD 0+1	
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 5354.46 48.92 74.00 -25.08 40.43 34.40 10.75 36.66 0.00 123 175 PEAK	Blank
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5369.76 40.35 54.00 -13.65 31.82 34.40 10.76 36.63 0.00 123 175 AVERAGE	Blank

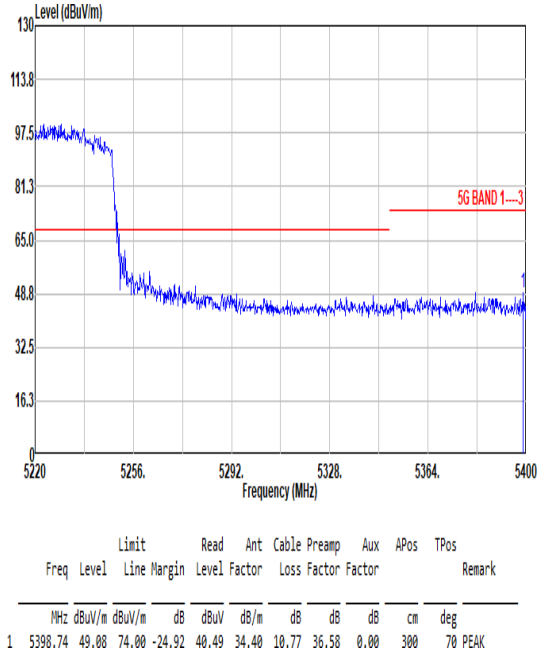
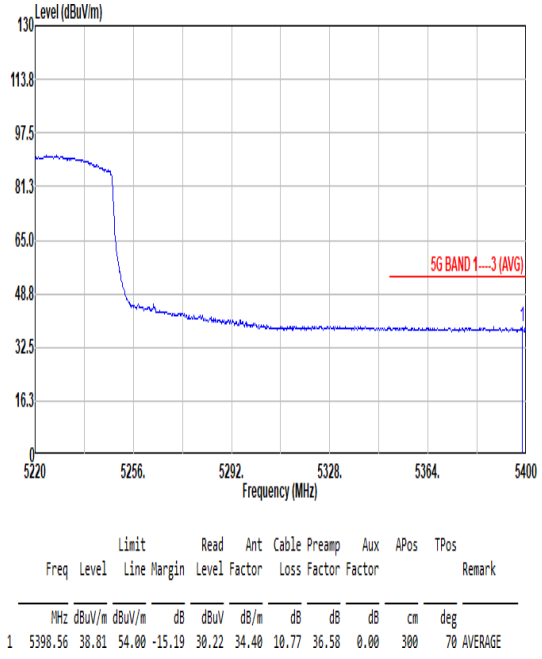
Mode	26	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_Full_5210MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5146.08	52.50	74.00	-21.50	44.87	34.09	10.60	37.06	0.00	300	70	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	98.51	------	------	90.50	34.25	10.67	36.91	0.00	300	70	PEAK

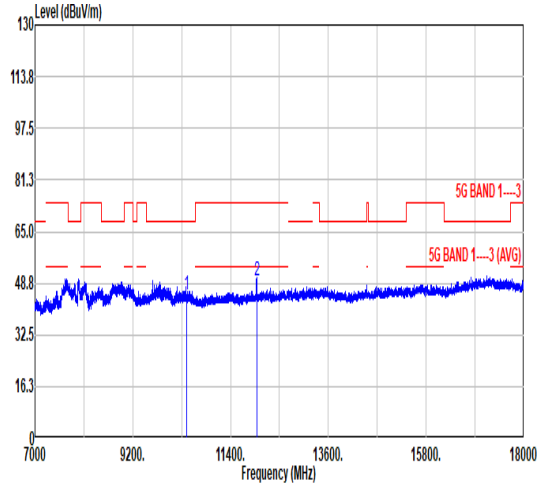
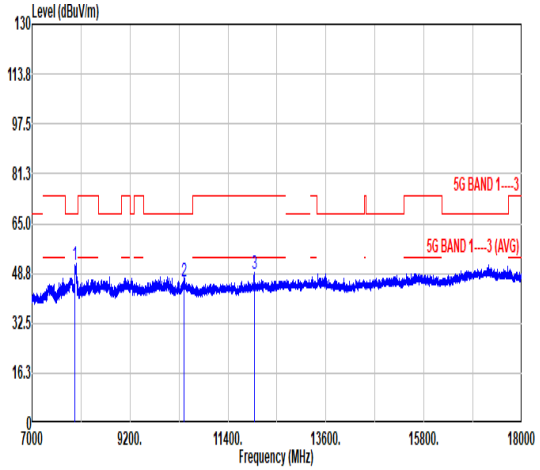
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.52	40.77	54.00	-13.23	33.11	34.10	10.61	37.05	0.00	300	70	AVERAGE

	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	90.01	------	------	82.00	34.25	10.67	36.91	0.00	300	70	AVERAGE

Mode	26	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_Full_5210MHz	
ANT	CDD 0+1	
Pol.	Vertical	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	5398.74	49.08	74.00	-24.92	40.49	34.40	10.77	36.58	0.00	300	70	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	5398.56	38.81	54.00	-15.19	30.22	34.40	10.77	36.58	0.00	300	70	AVERAGE

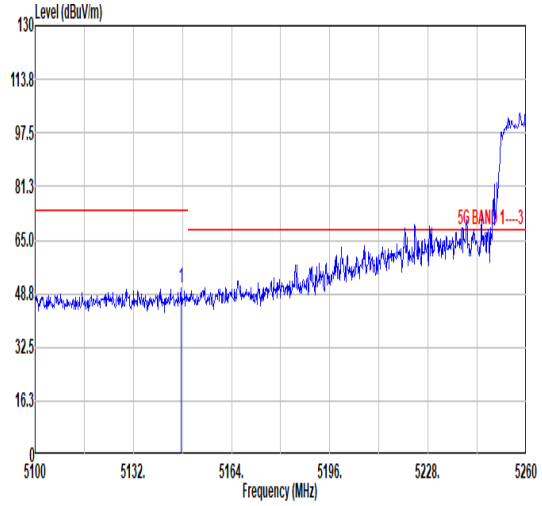
Mode	26	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_Full_5210MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical
Peak Avg		

	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	45.14	68.30	-23.16	59.55	37.20	15.51	67.12	0.00	---	---	PEAK
2	11987.40	49.45	74.00	-24.55	60.44	38.50	16.67	66.16	0.00	---	---	PEAK

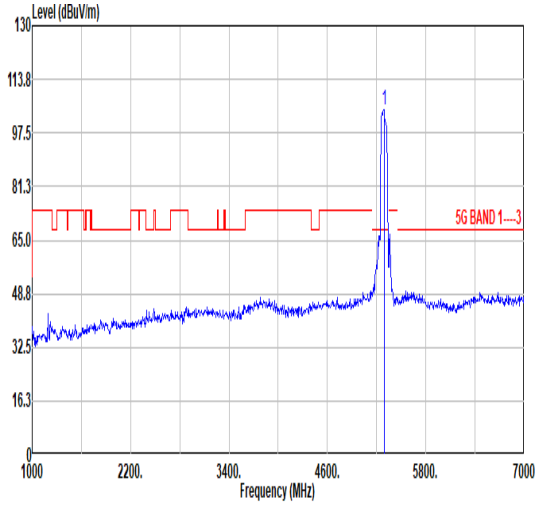
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7964.70	51.45	68.30	-16.85	69.34	35.80	13.32	67.01	0.00	---	---	PEAK
2	10420.00	46.31	68.30	-21.99	60.72	37.20	15.51	67.12	0.00	---	---	PEAK
3	11999.50	48.54	74.00	-25.46	59.51	38.50	16.68	66.15	0.00	---	---	PEAK

Mode	27	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_Full_5290MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

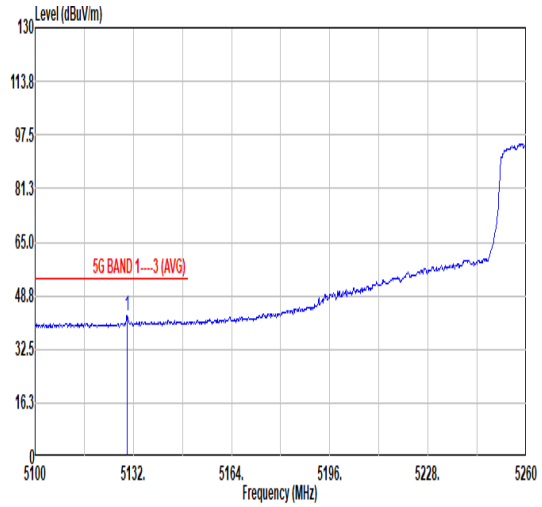


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.52	50.44	74.00	-23.56	42.78	34.10	10.61	37.05	0.00	109	175	PEAK

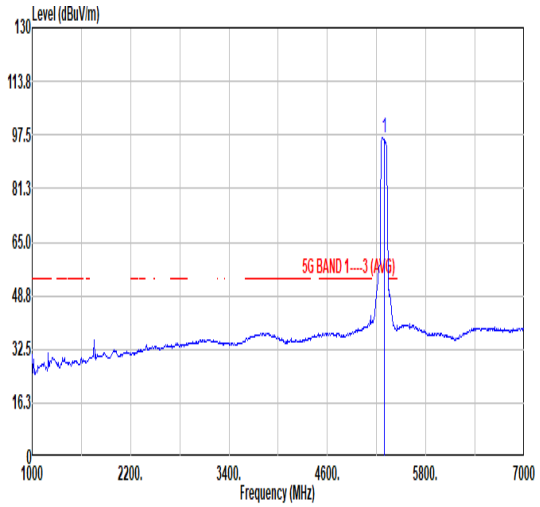


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5290.00	104.49	------	------	96.28	34.30	10.71	36.80	0.00	109	175	PEAK

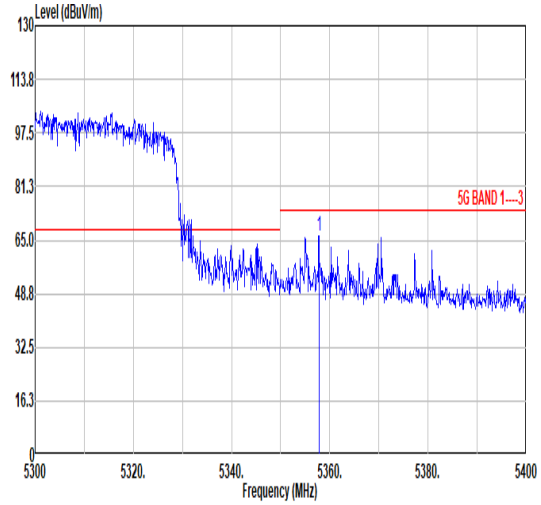
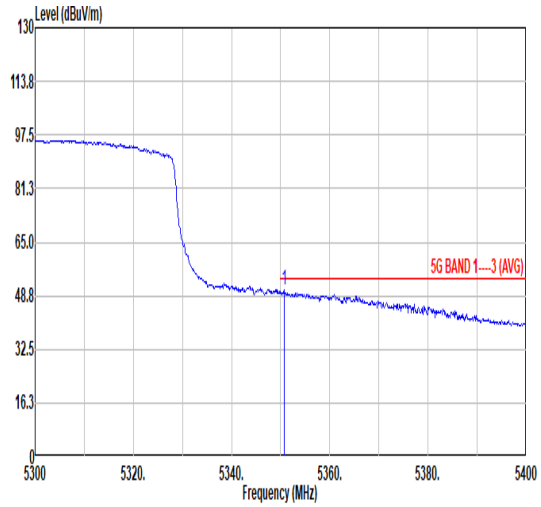
Avg

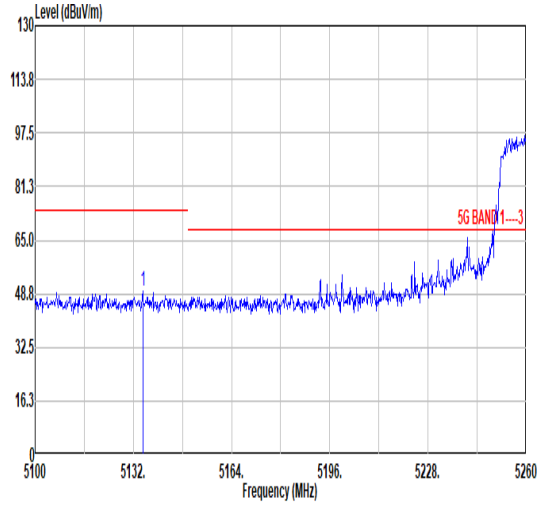
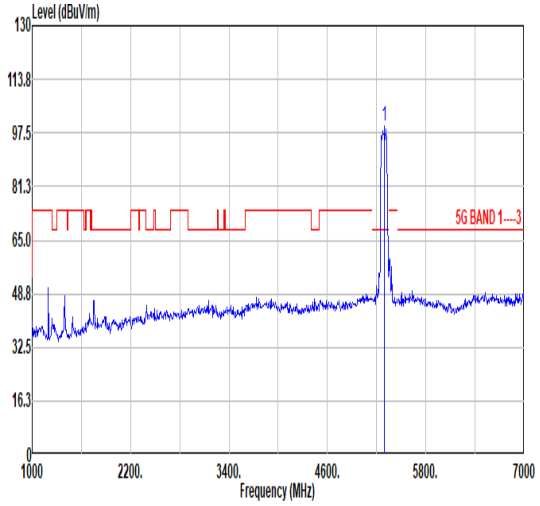
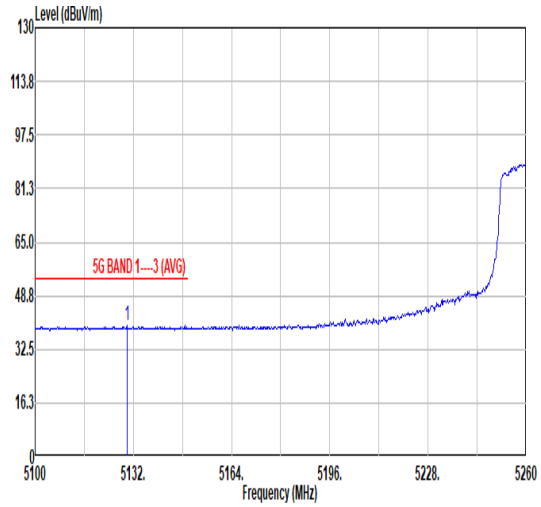
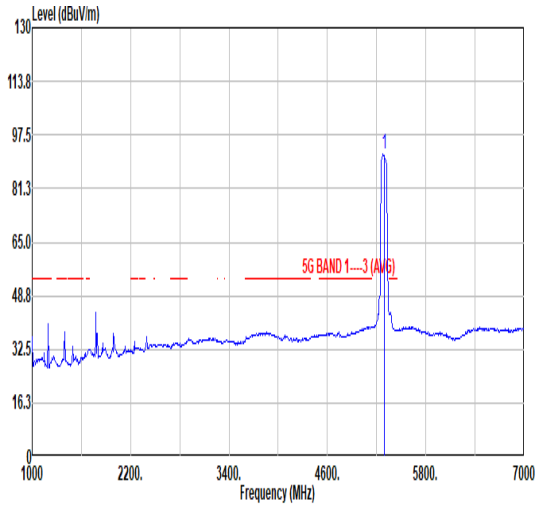


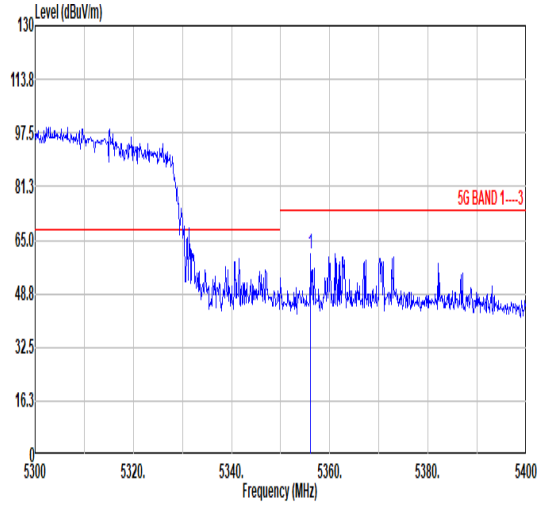
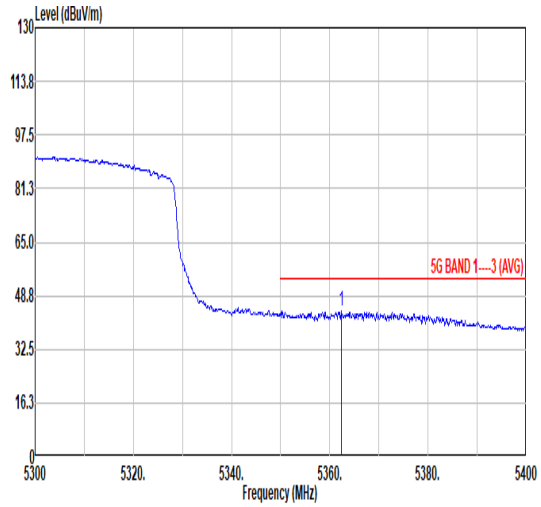
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5129.92	42.79	54.00	-11.21	35.23	34.06	10.59	37.09	0.00	109	175	AVERAGE



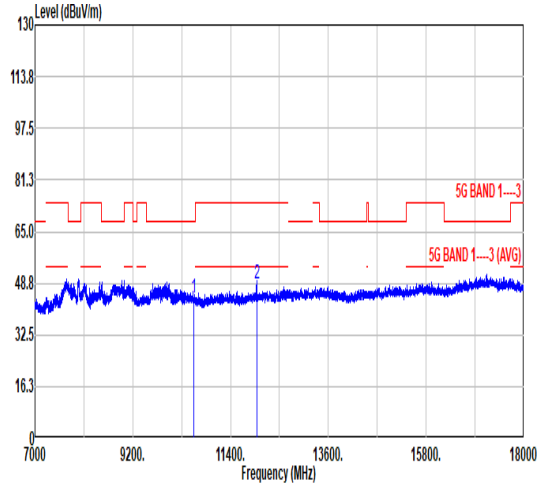
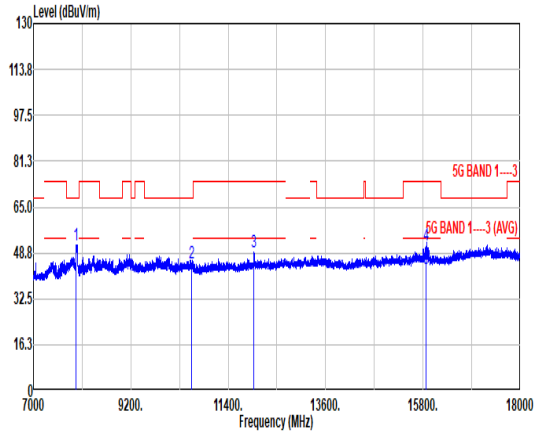
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5290.00	96.87	------	------	88.69	34.30	10.70	36.82	0.00	109	175	AVERAGE

Mode	27	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_Full_5290MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental
Peak	 Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5357.80 66.33 74.00 -7.67 57.84 34.40 10.75 36.66 0.00 109 175 PEAK	Blank
Avg	 Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.70 50.29 54.00 -3.71 41.81 34.40 10.75 36.67 0.00 109 175 AVERAGE	Blank

Mode	27	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_Full_5290MHz	
ANT	CDD 0+1	
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 5135.04 49.71 74.00 -24.29 42.13 34.07 10.59 37.08 0.00 329 67 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 99.48 ------ ------ 91.23 34.30 10.72 36.77 0.00 329 67 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 5130.08 39.64 54.00 -14.36 32.08 34.06 10.59 37.09 0.00 329 67 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 91.53 ------ ------ 83.33 34.30 10.71 36.81 0.00 329 67 AVERAGE

Mode	27	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_Full_5290MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak	 Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5356.10 60.69 74.00 -13.31 52.20 34.40 10.75 36.66 0.00 329 67 PEAK	Blank
Avg	 Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5362.30 43.99 54.00 -10.01 35.49 34.40 10.75 36.65 0.00 329 67 AVERAGE	Blank

Mode	27
	Harmonic
	U-NII-2A_5.25-5.35_802.11ac VHT80_CH58_Full_5290MHz
ANT	CDD 0+1

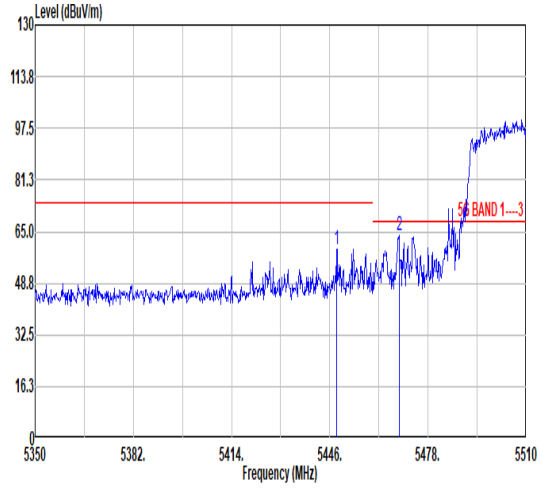
Pol.	Horizontal	Vertical
Peak Avg		

	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	10580.00	44.00	68.30	-24.30	58.13	37.28	15.65	67.06	0.00	---	---	PEAK
2	11987.40	48.42	74.00	-25.58	59.41	38.50	16.67	66.16	0.00	---	---	PEAK

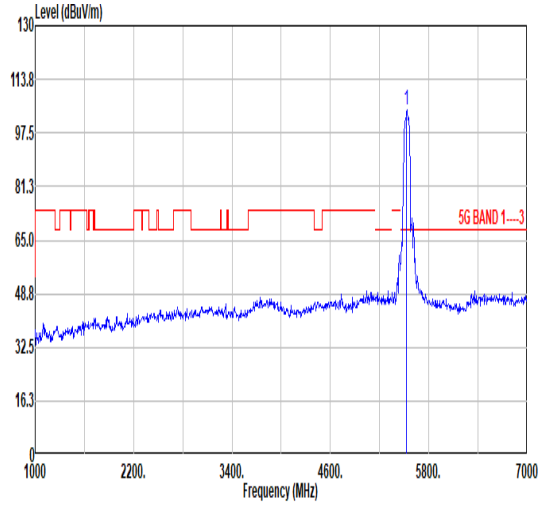
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7968.00	51.49	68.30	-16.81	69.37	35.80	13.32	67.00	0.00	---	---	PAEK
2	10580.00	45.18	68.30	-23.12	59.31	37.28	15.65	67.06	0.00	---	---	PEAK
3	11981.90	49.00	74.00	-25.00	60.00	38.50	16.67	66.17	0.00	---	---	PEAK
4	15870.00	51.72	74.00	-22.28	56.66	39.97	19.26	64.17	0.00	365	163	PEAK
5	15870.00	43.15	54.00	-10.85	48.08	39.98	19.27	64.18	0.00	365	163	AVERAGE

Mode	28	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_Full_5530MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

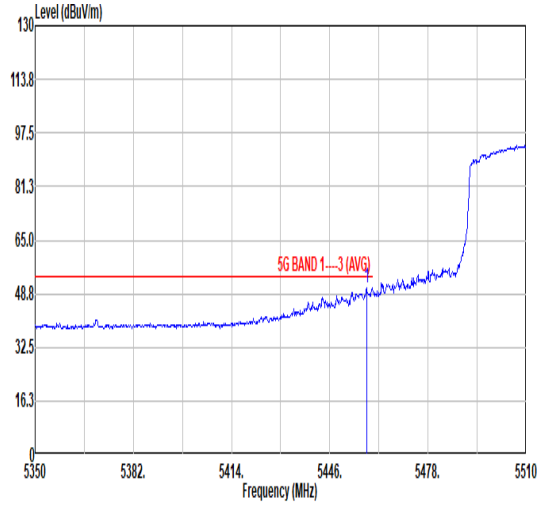


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5448.24	59.28	74.00	-14.72	50.53	34.40	10.83	36.48	0.00	103	126	PEAK
2	5468.56	63.53	68.30	-4.77	54.69	34.44	10.85	36.45	0.00	103	126	PEAK

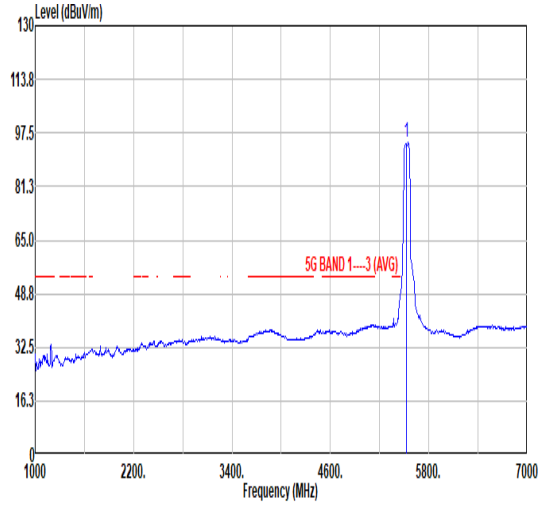


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5530.00	104.56	------	------	95.45	34.50	10.93	36.32	0.00	103	126	PEAK

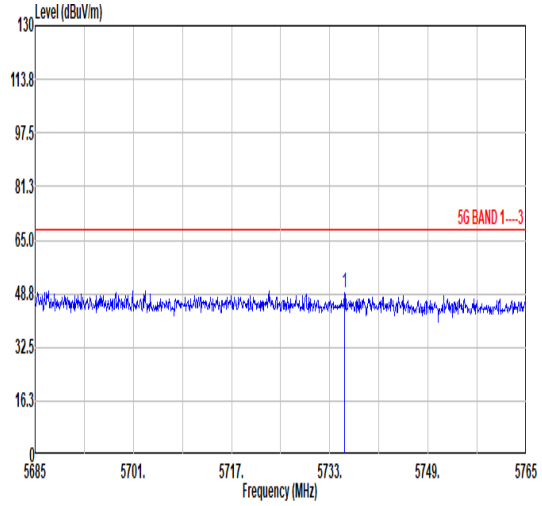
Avg



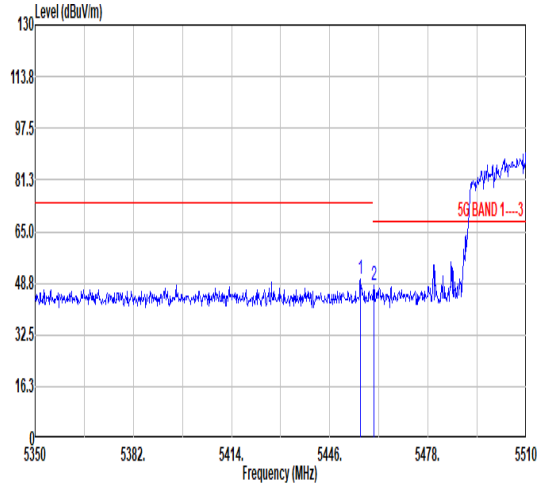
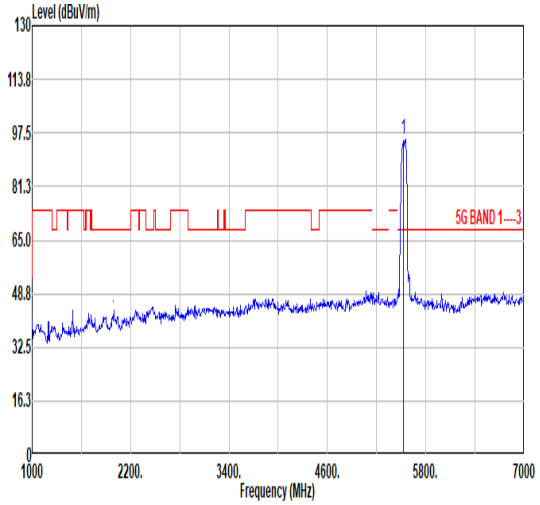
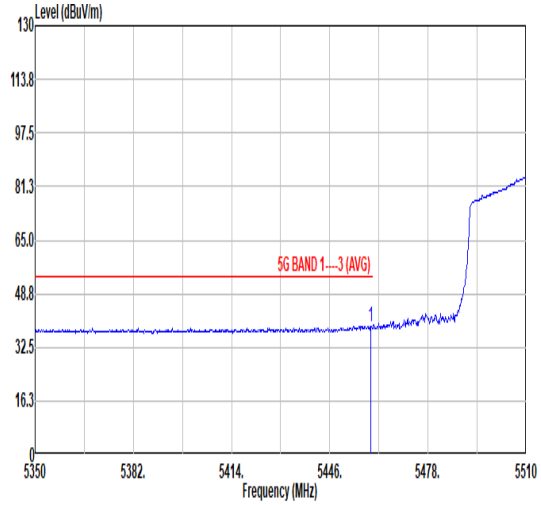
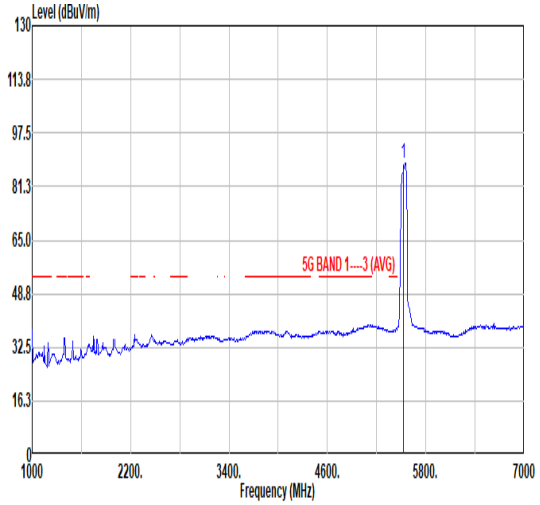
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.00	50.56	54.00	-3.44	41.77	34.42	10.84	36.47	0.00	103	126	AVERAGE



	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	94.55	------	------	85.41	34.50	10.94	36.30	0.00	103	126	AVERAGE

Mode	28	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_Full_5530MHz	
ANT	CDD 0+1	
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	5735.40	49.30	68.30	-19.00	41.34	34.57	11.19	37.80	0.00	103	126	PEAK

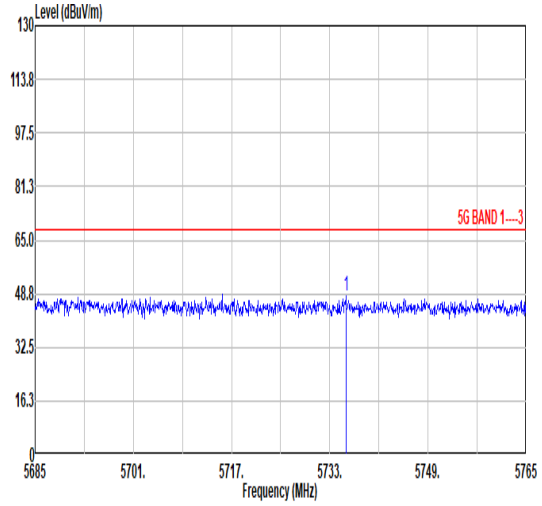
Mode	28	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_Full_5530MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5455.92	50.23	74.00	-23.77	41.45	34.41	10.84	36.47	0.00	316	54	PEAK
2	5460.40	48.01	68.30	-20.29	39.21	34.42	10.84	36.46	0.00	316	54	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	95.60	------	------	86.43	34.50	10.95	36.28	0.00	316	54	PEAK

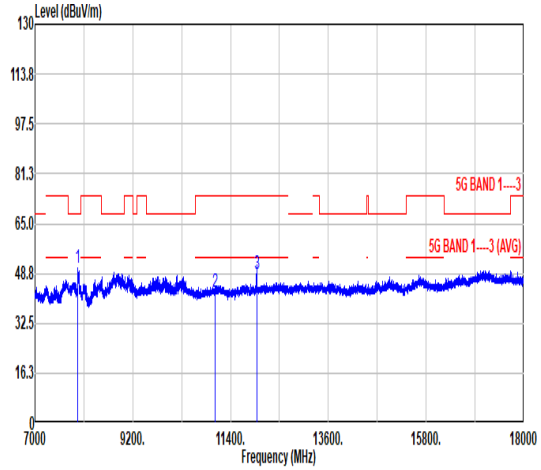
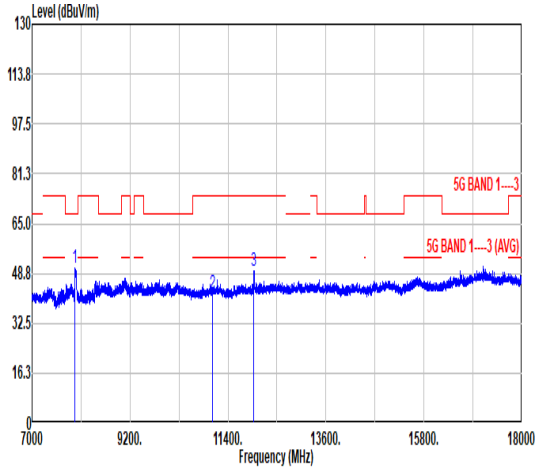
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.44	38.87	54.00	-15.13	30.07	34.42	10.84	36.46	0.00	316	54	AVERAGE

	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	88.45	------	------	79.28	34.50	10.95	36.28	0.00	316	54	AVERAGE

Mode	28	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_Full_5530MHz	
ANT	CDD 0+1	
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	5735.64	48.32	68.30	-19.98	40.36	34.57	11.19	37.80	0.00	316	54	PEAK

Mode	28
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH106_Full_5530MHz
ANT	CDD 0+1

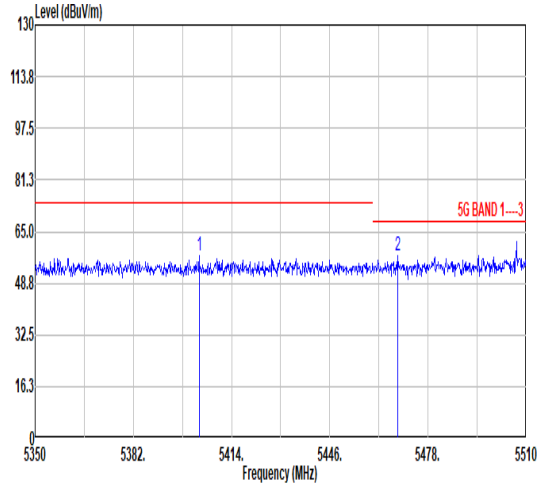
Pol.	Horizontal	Vertical
Peak Avg		

	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	7968.00	50.62	68.30	-17.68	68.50	35.80	13.32	67.00	0.00	---	---	Peak
2	11060.00	42.52	74.00	-31.48	55.37	37.96	16.08	66.89	0.00	---	---	PEAK
3	11989.60	48.64	74.00	-25.36	59.63	38.50	16.67	66.16	0.00	---	---	Peak

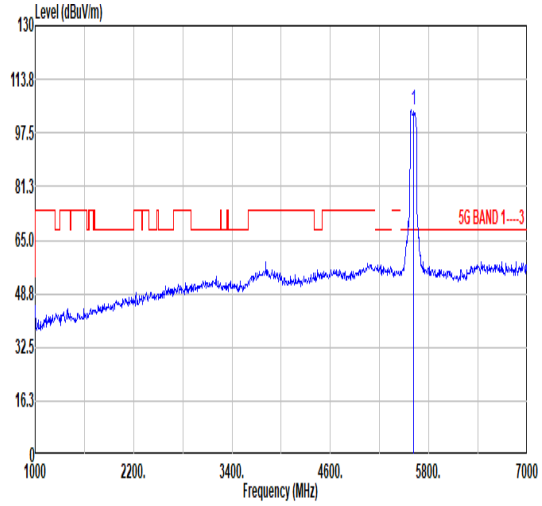
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7965.80	50.67	68.30	-17.63	68.55	35.80	13.32	67.00	0.00	---	---	Peak
2	11060.00	42.10	74.00	-31.90	54.95	37.96	16.08	66.89	0.00	---	---	PEAK
3	11984.10	49.41	74.00	-24.59	60.41	38.50	16.67	66.17	0.00	---	---	Peak

Mode	29	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_Full_5610MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Fundamental

Peak

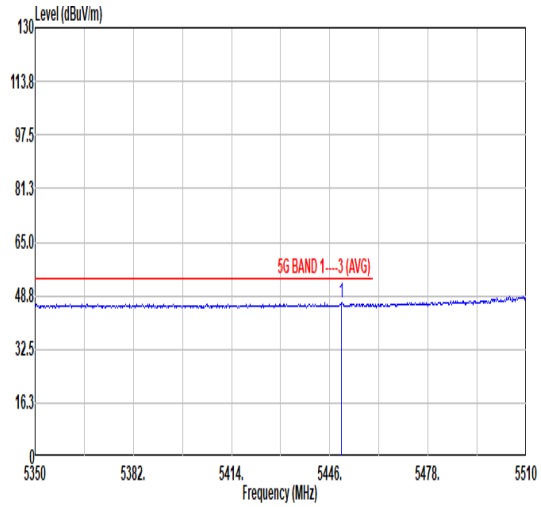


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5403.44	57.62	74.00	-16.38	49.01	34.40	10.78	36.57	0.00	100	161	PEAK
2	5468.24	57.22	68.30	-11.08	48.38	34.44	10.85	36.45	0.00	100	161	PEAK

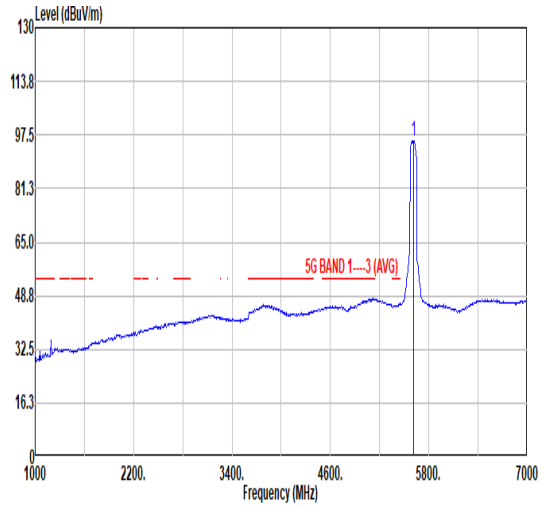


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	104.27	------	------	95.02	34.50	10.98	36.23	0.00	100	161	PEAK

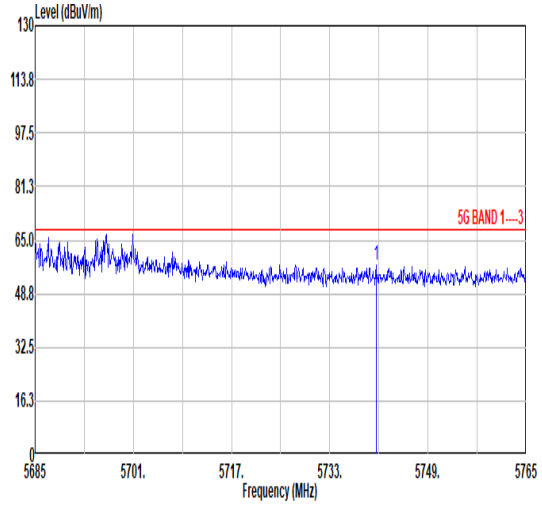
Avg



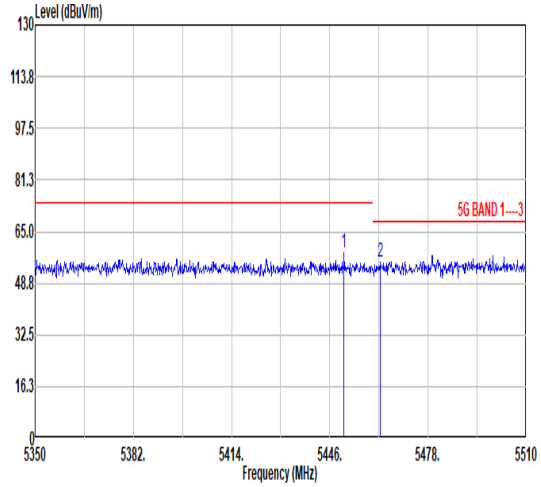
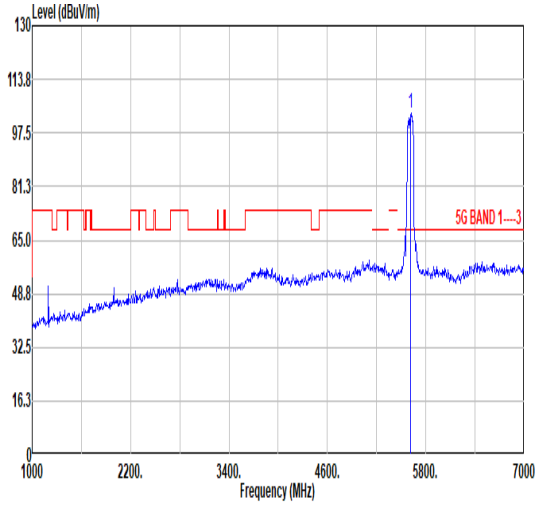
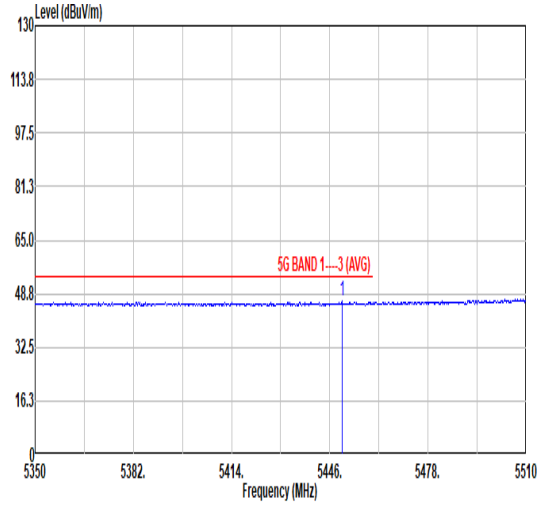
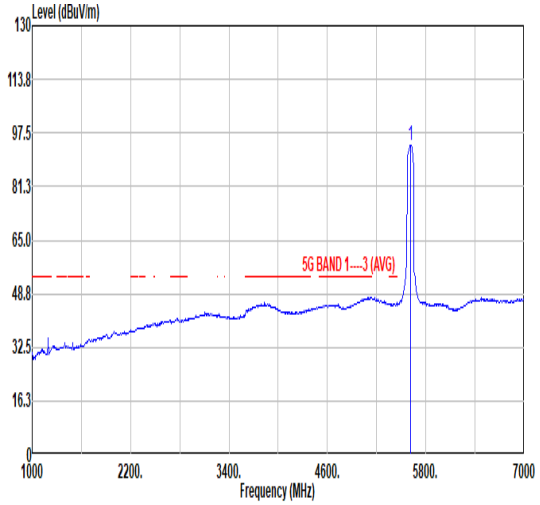
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5449.84	46.75	54.00	-7.25	38.00	34.40	10.83	36.48	0.00	100	161	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	95.65	------	------	86.30	34.50	11.02	36.17	0.00	100	161	AVERAGE

Mode	29	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_Full_5610MHz	
ANT	CDD 0+1	
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	5740.52	57.39	68.30	-10.91	49.50	34.58	11.20	37.89	0.00	100	161	PEAK

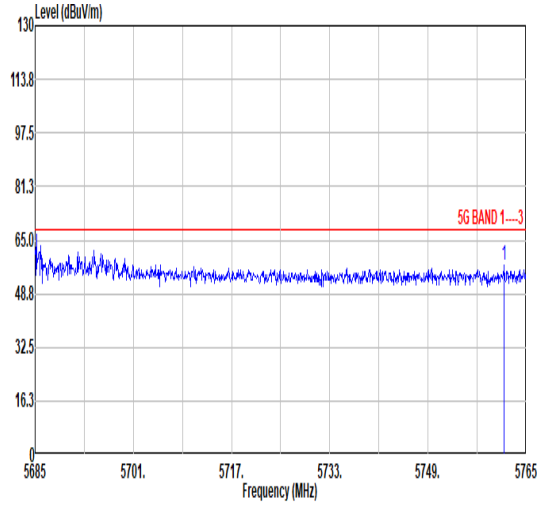
Mode	29	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_Full_5610MHz	
ANT	CDD 0+1	
Pol.	Vertical	Fundamental
Peak		
Avg		

	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	5450.64	58.19	74.00	-15.81	49.44	34.40	10.83	36.48	0.00	364	60	PEAK
2	5462.48	55.53	68.30	-12.77	46.73	34.42	10.84	36.46	0.00	364	60	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	103.41	------	------	94.02	34.50	11.04	36.15	0.00	364	60	PEAK

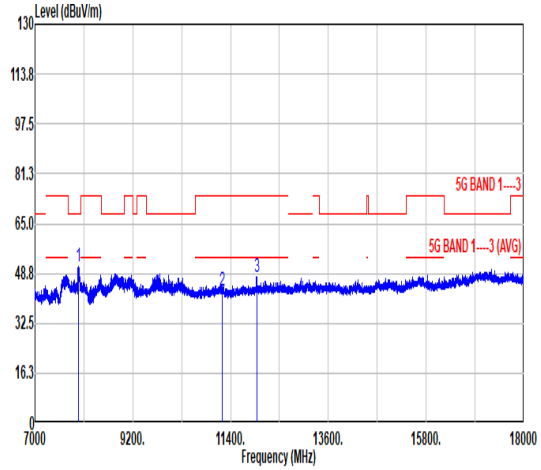
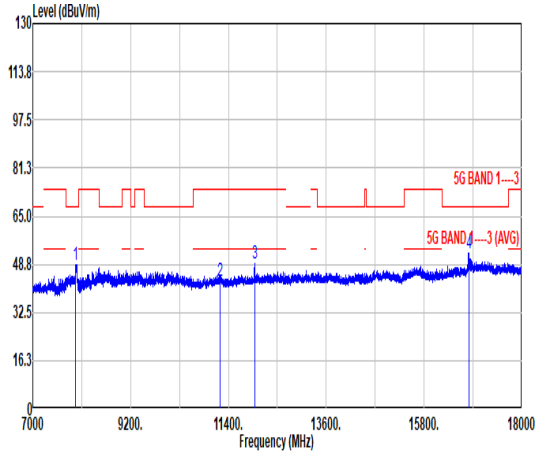
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5450.00	46.37	54.00	-7.63	37.62	34.40	10.83	36.48	0.00	364	60	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5610.00	93.73	------	------	84.38	34.50	11.02	36.17	0.00	364	60	AVERAGE

Mode	29	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_Full_5610MHz	
ANT	CDD 0+1	
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	5761.40	57.38	68.30	-10.92	49.79	34.62	11.23	38.26	0.00	364	60	PEAK

Mode	29
	Harmonic
	U-NII-2C_5.47-5.725_802.11ac VHT80_CH122_Full_5610MHz
ANT	CDD 0+1

Pol.	Horizontal	Vertical
Peak Avg		

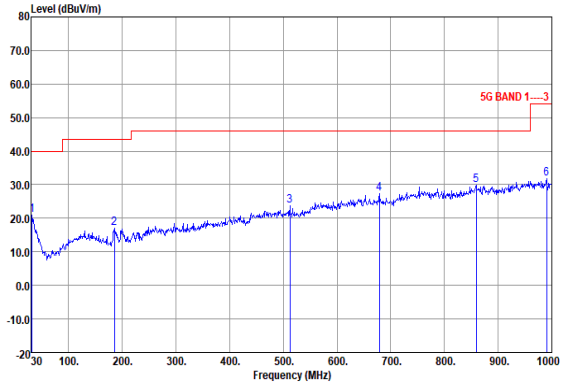
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7976.80	50.93	68.30	-17.37	68.80	35.80	13.33	67.00	0.00	---	---	PEAK
2	11220.00	43.12	74.00	-30.88	55.59	38.18	16.18	66.83	0.00	---	---	PEAK
3	11992.90	47.63	74.00	-26.37	58.62	38.50	16.67	66.16	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	7965.80	48.63	68.30	-19.67	66.51	35.80	13.32	67.00	0.00	---	---	peak
2	11219.60	43.39	74.00	-30.61	55.86	38.18	16.18	66.83	0.00	---	---	PEAK
3	11986.30	49.12	74.00	-24.88	60.11	38.50	16.67	66.16	0.00	---	---	PEAK
4	16807.60	52.57	68.30	-15.73	55.10	42.05	19.88	64.46	0.00	300	143	PEAK

Mode	11	
	Emission below 1GHz	
	U-NII-1_5.15-5.25_802.11ac VHT20_CH44_Full RU_5220MHz	
ANT	CDD 0+1	
Pol.	Horizontal	Vertical

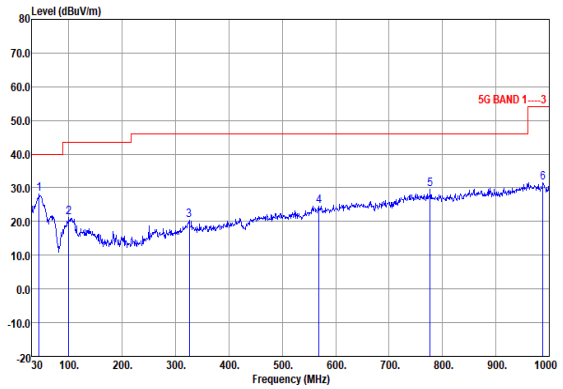
Peak

QP



Site : 03CH05-KS
Condition : 5G BAND 1----3 3m CBL6111D SN23188 HORIZONTAL
Project : 2D2912
mode :
IMEI : #5

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phas
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1	31.94	20.94	-19.06	40.00	29.60	23.57	0.74	32.97	---	---	Peak	HORIZONT
2	185.20	17.08	-26.42	43.50	32.14	15.71	2.06	32.83	---	---	Peak	HORIZONT
3	512.09	23.79	-22.21	46.00	29.33	23.96	3.46	32.96	---	---	Peak	HORIZONT
4	678.93	27.38	-18.62	46.00	31.19	25.23	3.98	33.02	---	---	Peak	HORIZONT
5	859.35	29.92	-16.08	46.00	31.10	26.61	4.48	32.27	---	---	Peak	HORIZONT
6	990.30	31.93	-22.07	54.00	30.78	27.38	4.82	31.05	---	---	Peak	HORIZONT



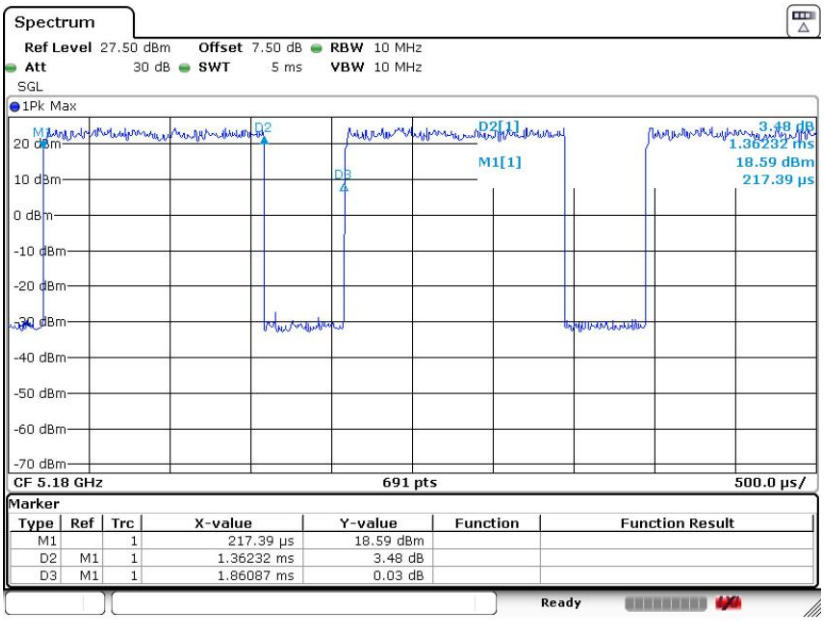
Site : 03CH05-KS
Condition : 5G BAND 1----3 3m CBL6111D SN23188 VERTICAL
Project : 2D2912
mode :
IMEI : #5

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phas
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1	44.55	28.11	-11.89	40.00	43.66	16.47	0.96	32.98	---	---	Peak	VERTICAL
2	99.84	21.21	-22.29	43.50	35.51	17.06	1.51	32.87	---	---	Peak	VERTICAL
3	325.85	20.25	-25.75	46.00	30.48	19.90	2.75	32.88	---	---	Peak	VERTICAL
4	568.35	24.70	-21.30	46.00	29.11	25.05	3.64	33.10	---	---	Peak	VERTICAL
5	776.90	29.49	-16.51	46.00	31.93	26.06	4.26	32.76	---	---	Peak	VERTICAL
6	988.36	31.47	-22.53	54.00	30.35	27.39	4.81	31.08	---	---	Peak	VERTICAL

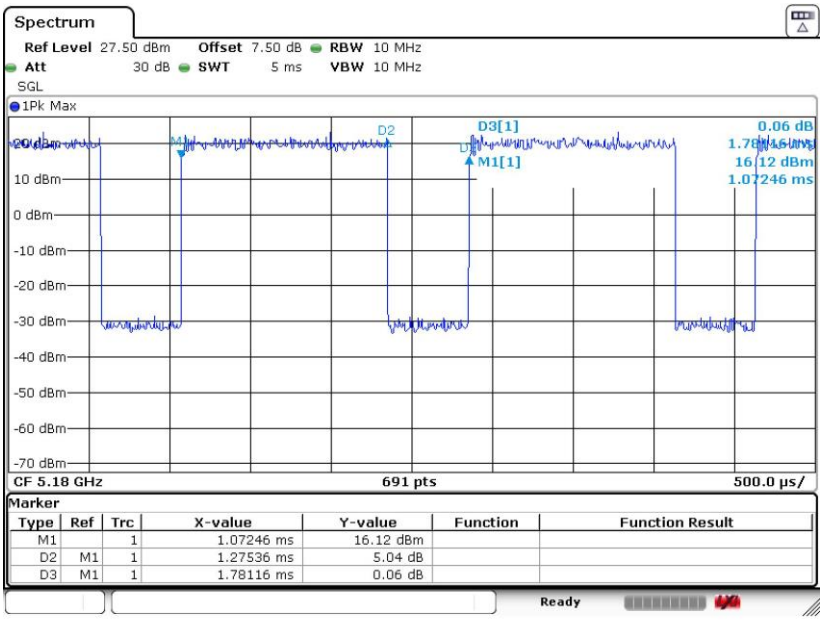
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	73.21	1.362	0.734	0.75kHz
802.11ac VHT20	71.60	1.275	0.784	0.82kHz
802.11ac VHT40	56.05	0.638	1.568	1.6kHz
802.11ac VHT80	38.94	0.319	3.136	3.3kHz

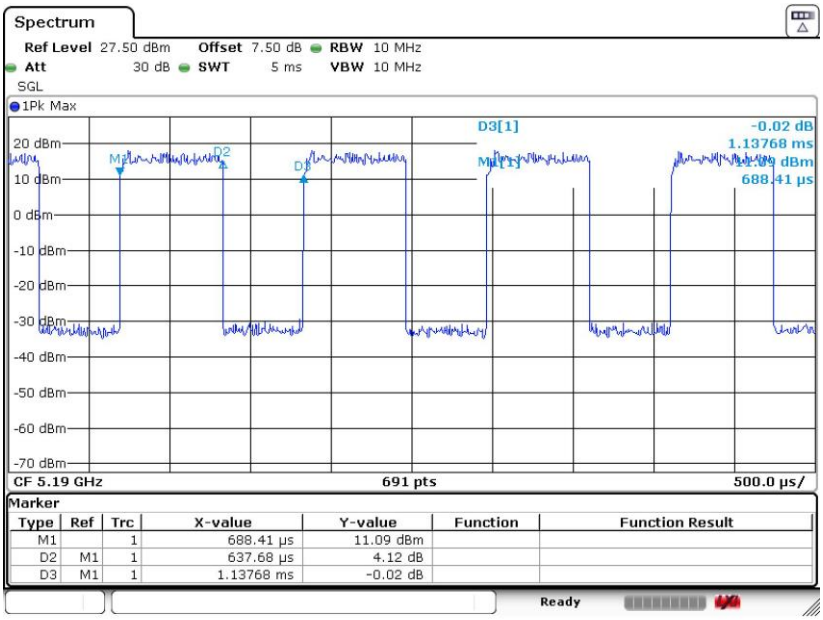
802.11a



802.11ac VHT20



802.11ac VHT40



802.11ac VHT80