FCC RADIO TEST REPORT

FCC ID	:	**H8N-CTX0800**
Equipment	:	**OBU**
Brand Name	:	**ASKEY**
Model Name	:	**CTX0800-RoHS-US**
Applicant	:	**ASKEY COMPUTER CORPORATION** **10F, No.119, Jiankang Rd., Zhonghe Dist., New Taipei City, Taiwan**
Manufacturer	:	**ASKEY COMPUTER CORPORATION** **10F, No.119, Jiankang Rd., Zhonghe Dist., New Taipei City, Taiwan**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Aug. 01, 2024 and testing was performed from Aug. 12, 2024 to Sep. 27, 2024. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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History of this test report

Report No.	Version	Description	Issue Date
FR2N3001-01D	01	Initial issue of report	Sep. 24, 2024
FR2N3001-01D	02	Revise Section 1.1 and Appendix B. This report is an updated version, replacing the report issued on Sep. 24, 2024.	Sep. 30, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(e)	6dB Bandwidth	Pass	-
3.1	2.1049 15.403(i)	26dB Bandwidth and 99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	0.69 dB under the limit at 5149.22 MHz
-	15.207	AC Conducted Emission	Not Required	-
3.5	15.203	Antenna Requirement	Pass	-

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. The device is for vehicular use.

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Mila Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs GSM/WCDMA/LTE/5G NR, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS. **Antenna Type** WWAN: Combination Antenna WLAN: **<Ant.10>:** Combination Antenna **<Ant.11>:** Combination Antenna Bluetooth: Combination Antenna GPS / Glonass / BDS / Galileo: Combination Antenna	
Integrated WWAN Module	Brand Name: ALPS ALPINE CO., LTD Model Name: UMNZ1A2 FCC ID: CWTUMNZ1A2

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 10: -0.77 Ant. 11: -0.09
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	Ant. 10: -0.57 Ant. 11: 0.49

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

1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;
N_{SS} = the number of independent spatial streams of data;
N_{ANT} = the total number of antennas
$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;
G_k is the gain in dBi of the kth antenna.

As minimum N_{SS}=1 is supported by EUT, the formula can be simplified as:

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

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

	Ant 10 (dBi)	Ant 11 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-0.77	-0.09	-0.09	2.59	0.00	0.00
Band IV	-0.57	0.49	0.49	2.99	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT10}= -0.57dBi; G_{ANT11}=0.49dBi

Directional gain of power measurement = max(-0.57, 0.49) + 0 = 0.49 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (-0.57 dBi / 20) + 10^ (0.49 dBi / 20)] ^ 2 } / 2 }

= 2.99 dBi

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	TH05-HY, 03CH16-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

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: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

2.1 Carrier Frequency and Channel

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

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

2.2 Test Mode

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

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

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

MIMO Mode

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

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Ch. #		Band I：5150-5250 MHz	Band IV：5725-5850 MHz
		802.11a	802.11a
L	Low	36	149
M	Middle	44	157
H	High	48	165

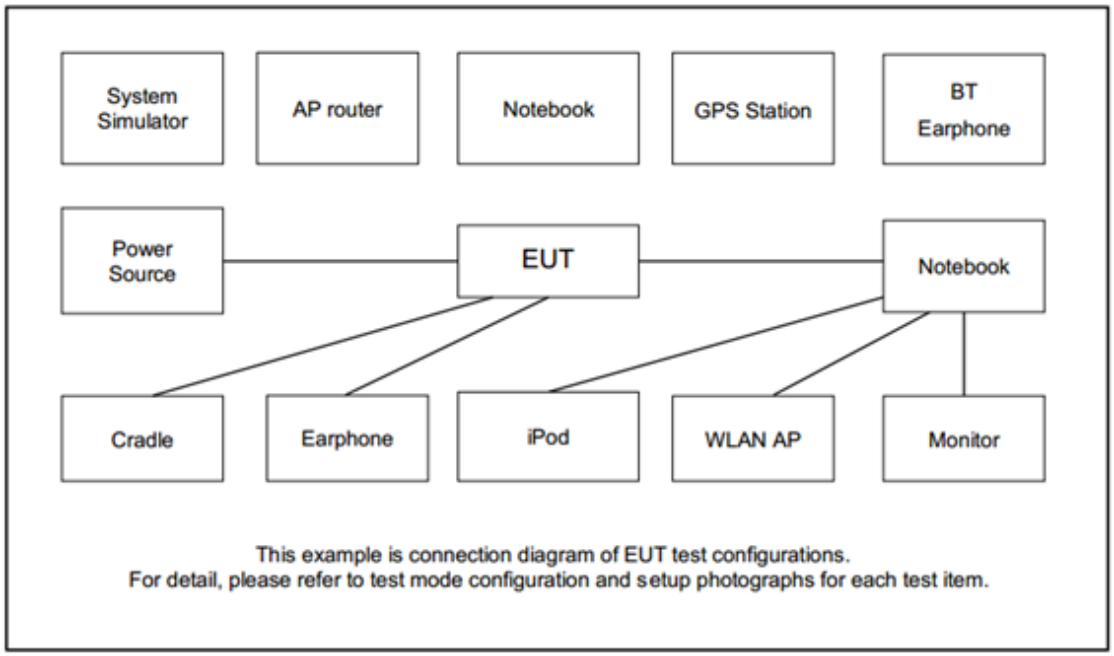
Ch. #		Band I：5150-5250 MHz	Band IV：5725-5850 MHz
		802.11n HT20	802.11n HT20
L	Low	36	149
M	Middle	44	157
H	High	48	165

Ch. #		Band I：5150-5250 MHz	Band IV：5725-5850 MHz
		802.11n HT40	802.11n HT40
L	Low	38	151
M	Middle	-	-
H	High	46	159

Ch. #		Band I：5150-5250 MHz	Band IV：5725-5850 MHz
		802.11ac VHT80	802.11ac VHT80
L	Low	-	-
M	Middle	42	155
H	High	-	-

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	DC Power Supply	GW Instek	GEU810968	GPE-2323	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “Tera Term 4.95” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.
Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 4.2 + 10 = 14.2 (dB)

3 Test Result

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

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The 6 dB bandwidth shall be at least 500kHz for 5725-5850MHz.

There is no restriction limits for 26dB and 99% Occupied bandwidth.

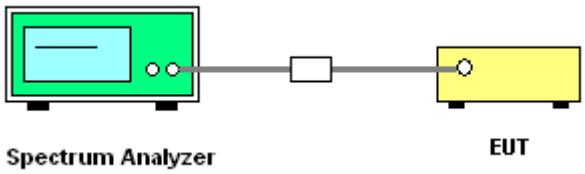
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure and record the results in the test report.
9. For 6dB Bandwidth Measurement
   (1) The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
   (2) Section C) Emission bandwidth for the band 5.725-5.85 GHz
   (3) Set RBW = 100 kHz.
   (4) Set the VBW ≥ 3 x RBW.
   (5) Detector = Peak.
   (6) Trace mode = max hold
   (7) Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
   (8) Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.725–5.85 GHz bands:

■ The maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

3.2.2 Measuring Instruments

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

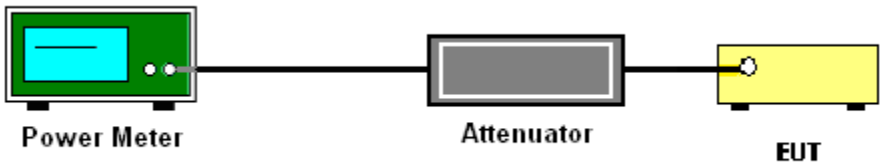
3.2.3 Test Procedures

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

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.725–5.85 GHz bands:

The maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

 # Method SA-2 #

For Band 1

(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.

For Band 4

(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 = 300kHz.
- Set VBW ≥ 1 MHz.
- Add 10 log (500 kHz/RBW) to the measured result, whereas RBW (<500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

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

3. For Band 1 MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

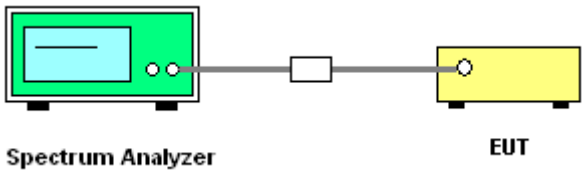
   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of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

4. For Band 4 MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (c): Measure and add 10 log(N_{ANT}) dB.

   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

(2) For transmitters operating in the 5.725-5.85 GHz band:
15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

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

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

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

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of −27 dBm/MHz.
(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

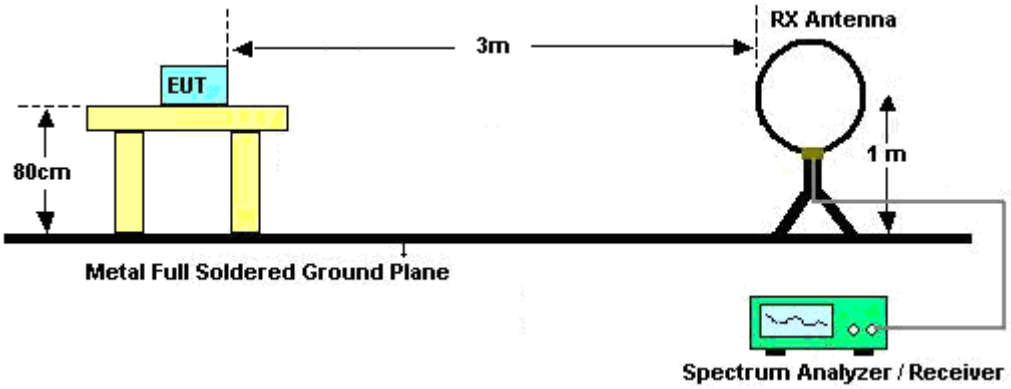
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

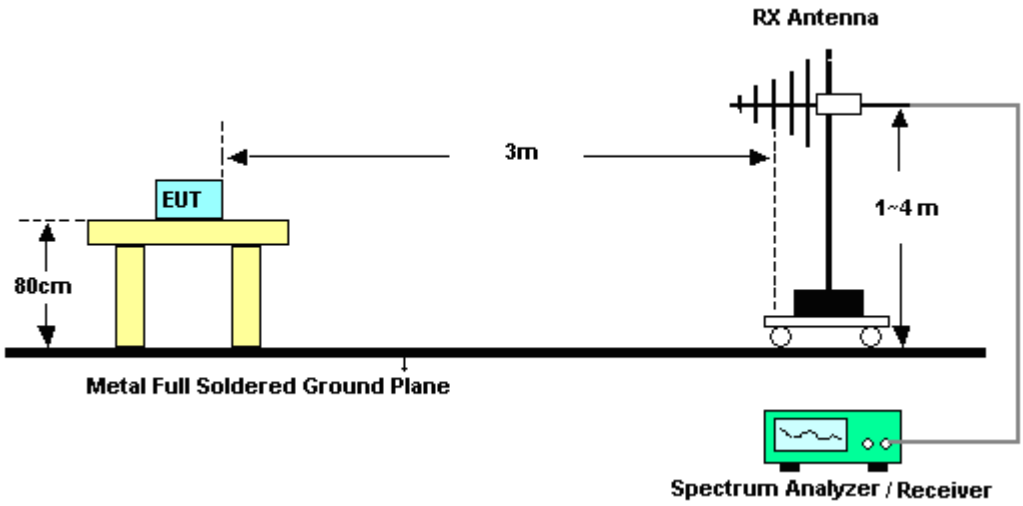
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

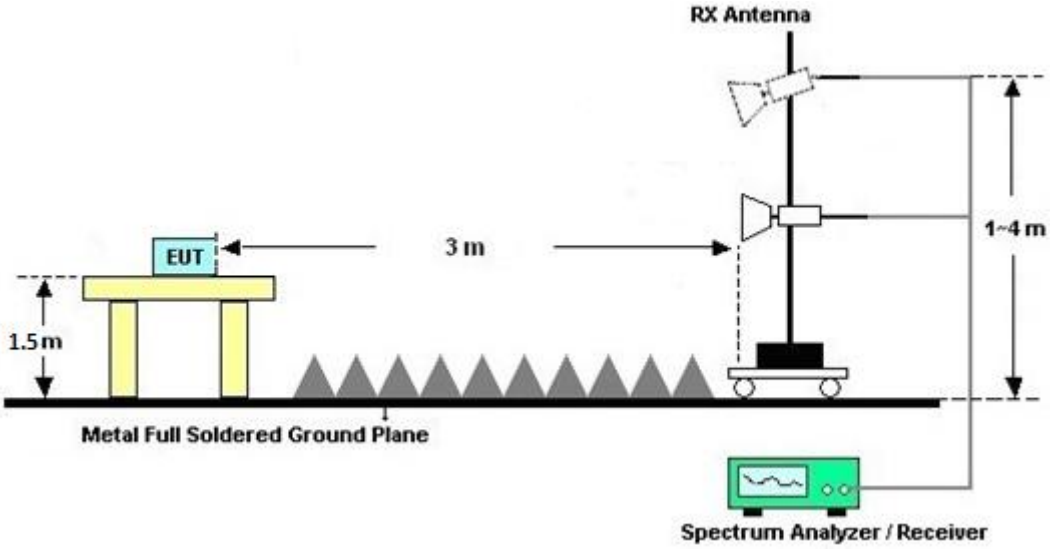
For radiated emissions below 30MHz



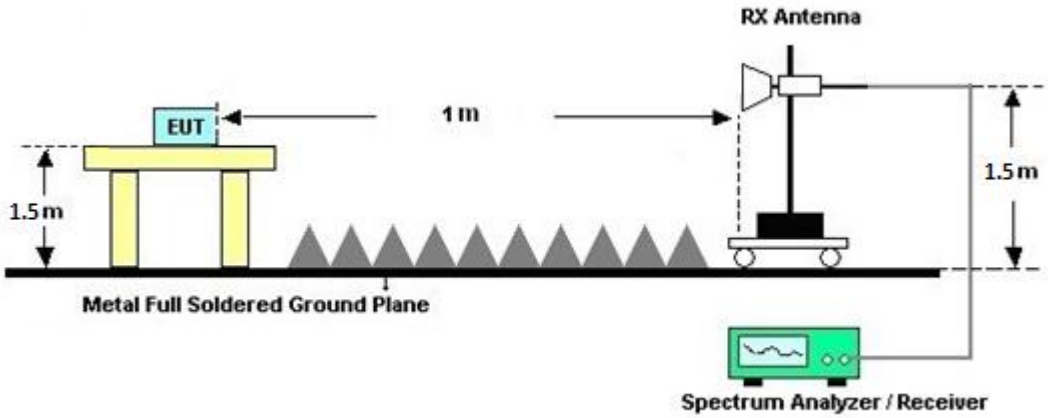
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.4.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix B.

3.5 Antenna Requirements

3.5.1 Standard Applicable

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

3.5.2 Antenna Anti-Replacement Construction

Unique (non-standard) antenna connector.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Aug. 12, 2024~ Sep. 06, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	15I00041SNO 10 (NO:248)	10MHz~6GHz	Jan. 10, 2024	Aug. 12, 2024~ Sep. 06, 2024	Jan. 09, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Jan. 24, 2024	Aug. 12, 2024~ Sep. 06, 2024	Jan. 23, 2025	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW200302 (BOX9)	N/A	Mar. 08, 2024	Aug. 12, 2024~ Sep. 06, 2024	Mar. 07, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version:1.0(20 24-04-11)	N/A	Conducted Items	N/A	Aug. 12, 2024~ Sep. 06, 2024	N/A	Conducted (TH05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Aug. 26, 2024~ Sep. 27, 2024	Feb. 22, 2025	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	1223	18GHz-40GHz	Jun. 24, 2024	Aug. 26, 2024~ Sep. 27, 2024	Jun. 23, 2025	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 04, 2023	Aug. 26, 2024~ Sep. 27, 2024	Dec. 03, 2024	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 07, 2023	Aug. 26, 2024~ Sep. 27, 2024	Oct. 06, 2024	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 28, 2024	Aug. 26, 2024~ Sep. 27, 2024	Mar. 27, 2025	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 02, 2024	Aug. 26, 2024~ Sep. 27, 2024	Jul. 01, 2025	Radiation (03CH16-HY)
DC Power Supply	GW Instek	GPE-2323	GEU810968	0V~64V ; 0A~6A	Apr. 29, 2024	Aug. 26, 2024~ Sep. 27, 2024	Apr. 28, 2025	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 07, 2023	Aug. 26, 2024~ Sep. 27, 2024	Dec. 06, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	Aug. 26, 2024~ Sep. 27, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	Aug. 26, 2024~ Sep. 27, 2024	May 26, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	Aug. 26, 2024~ Sep. 27, 2024	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN3	3GHz High Pass Filter	Jun. 28, 2024	Aug. 26, 2024~ Sep. 27, 2024	Jun. 27, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN27	6.75GHz High Pass Filter	Nov. 13, 2023	Aug. 26, 2024~ Sep. 27, 2024	Nov. 12, 2024	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 06, 2024	Aug. 26, 2024~ Sep. 27, 2024	Mar. 05, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLE X 104	EC-A5-300-5 757,805935/4 ,802434/4	30MHz~18GHz	Aug. 07, 2024	Aug. 26, 2024~ Sep. 27, 2024	Aug. 06, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40GHz	Jan. 02, 2024	Aug. 26, 2024~ Sep. 27, 2024	Jan. 01, 2025	Radiation (03CH16-HY)
Software	Audix	E3 230621 V9	RK-002393	N/A	N/A	Aug. 26, 2024~ Sep. 27, 2024	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Aug. 26, 2024~ Sep. 27, 2024	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Aug. 26, 2024~ Sep. 27, 2024	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Aug. 26, 2024~ Sep. 27, 2024	N/A	Radiation (03CH16-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.5 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.5 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Shiming Liu	Temperature:	21~25	°C
Test Date:	2024/8/12~2024/9/6	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 MIMO														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 10	Ant 11	Ant 10	Ant 11	Ant 10	Ant 11	Ant 10	Ant 11		
11a	6Mbps	2	36	5180	17.03	16.96	21.52	21.81	-		22.29			
11a	6Mbps	2	44	5220	19.07	19.58	33.98	35.14	-		22.80			
11a	6Mbps	2	48	5240	19.83	19.75	34.84	36.13	-		22.96			
HT20	MCS0	2	36	5180	18.15	17.97	21.89	22.03	-		22.55			
HT20	MCS0	2	44	5220	19.96	20.60	38.31	38.10	-		23.00		-	
HT20	MCS0	2	48	5240	18.88	18.72	36.90	33.21	-		22.72			
HT40	MCS0	2	38	5190	36.41	36.45	40.99	49.42	-		23.01			
HT40	MCS0	2	46	5230	37.07	36.77	74.53	70.16	-		23.01			
VHT80	MCS0	2	42	5210	75.41	75.53	81.79	91.71	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 MIMO												
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 10	Ant 11	SUM	Ant 10	Ant 11	Ant 10	Ant 11	
11a	6Mbps	2	36	5180	12.63	13.23	15.95	30.00		-0.09		Pass
11a	6Mbps	2	44	5220	15.83	16.63	19.26	30.00		-0.09		Pass
11a	6Mbps	2	48	5240	15.23	16.73	19.05	30.00		-0.09		Pass
HT20	MCS0	2	36	5180	12.33	12.93	15.65	30.00		-0.09		Pass
HT20	MCS0	2	44	5220	15.73	16.53	19.16	30.00		-0.09		Pass
HT20	MCS0	2	48	5240	15.13	15.83	18.50	30.00		-0.09		Pass
HT40	MCS0	2	38	5190	8.83	9.03	11.94	30.00		-0.09		Pass
HT40	MCS0	2	46	5230	13.83	14.23	17.04	30.00		-0.09		Pass
VHT20	MCS0	2	36	5180	12.23	12.83	15.55	30.00		-0.09		Pass
VHT20	MCS0	2	44	5220	15.63	16.43	19.06	30.00		-0.09		Pass
VHT20	MCS0	2	48	5240	15.03	15.73	18.40	30.00		-0.09		Pass
VHT40	MCS0	2	38	5190	8.73	8.93	11.84	30.00		-0.09		Pass
VHT40	MCS0	2	46	5230	13.73	14.13	16.94	30.00		-0.09		Pass
VHT80	MCS0	2	42	5210	8.13	8.63	11.40	30.00		-0.09		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 MIMO															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 10	Ant 11	Ant 10	Ant 11	SUM	Ant 10	Ant 11	Ant 10	Ant 11		
11a	6Mbps	2	36	5180	0.29	0.31			4.64	17.00		2.59			Pass
11a	6Mbps	2	44	5220	0.29	0.31			8.17	17.00		2.59			Pass
11a	6Mbps	2	48	5240	0.29	0.31			7.99	17.00		2.59			Pass
HT20	MCS0	2	36	5180	0.33	0.33			4.16	17.00		2.59			Pass
HT20	MCS0	2	44	5220	0.33	0.33	-		8.07	17.00		2.59		-	Pass
HT20	MCS0	2	48	5240	0.33	0.33			7.10	17.00		2.59			Pass
HT40	MCS0	2	38	5190	0.64	0.61			-2.53	17.00		2.59			Pass
HT40	MCS0	2	46	5230	0.64	0.61			3.01	17.00		2.59			Pass
VHT80	MCS0	2	42	5210	0.65	0.65			-5.73	17.00		2.59			Pass

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 10	Ant 11	Ant 10	Ant 11	Ant 10	Ant 11		
11a	6Mbps	2	149	5745	19.34	20.38	35.21	38.78	16.06	16.34	0.5	Pass
11a	6Mbps	2	157	5785	18.92	19.49	33.60	34.30	16.30	16.32	0.5	Pass
11a	6Mbps	2	165	5825	19.01	19.52	32.72	36.46	16.04	16.33	0.5	Pass
HT20	MCS0	2	149	5745	22.69	27.74	41.71	44.62	16.66	17.27	0.5	Pass
HT20	MCS0	2	157	5785	22.65	26.63	42.26	43.29	16.90	17.57	0.5	Pass
HT20	MCS0	2	165	5825	22.67	27.43	40.22	44.38	16.55	17.56	0.5	Pass
HT40	MCS0	2	151	5755	49.62	51.94	89.28	88.88	36.03	35.96	0.5	Pass
HT40	MCS0	2	159	5795	48.43	53.12	91.02	90.30	36.05	35.74	0.5	Pass
VHT80	MCS0	2	155	5775	76.13	76.11	154.94	153.60	75.39	75.94	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 10	Ant 11	SUM	Ant 10	Ant 11	Ant 10	Ant 11	
11a	6Mbps	2	149	5745	16.33	18.53	20.58	30.00		0.49		Pass
11a	6Mbps	2	157	5785	16.33	18.53	20.58	30.00		0.49		Pass
11a	6Mbps	2	165	5825	16.33	18.63	20.64	30.00		0.49		Pass
HT20	MCS0	2	149	5745	17.23	19.13	21.29	30.00		0.49		Pass
HT20	MCS0	2	157	5785	16.43	18.53	20.62	30.00		0.49		Pass
HT20	MCS0	2	165	5825	16.43	18.53	20.62	30.00		0.49		Pass
HT40	MCS0	2	151	5755	16.43	18.33	20.49	30.00		0.49		Pass
HT40	MCS0	2	159	5795	16.73	18.33	20.61	30.00		0.49		Pass
VHT20	MCS0	2	149	5745	17.13	19.03	21.19	30.00		0.49		Pass
VHT20	MCS0	2	157	5785	16.33	18.43	20.52	30.00		0.49		Pass
VHT20	MCS0	2	165	5825	16.33	18.43	20.52	30.00		0.49		Pass
VHT40	MCS0	2	151	5755	16.33	18.23	20.39	30.00		0.49		Pass
VHT40	MCS0	2	159	5795	16.63	18.23	20.51	30.00		0.49		Pass
VHT80	MCS0	2	155	5775	15.33	16.73	19.10	30.00		0.49		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 10	Ant 11	Ant 10	Ant 11	Ant 10	Ant 11	SUM	Ant 10	Ant 11	Ant 10	Ant 11	
11a	6Mbps	2	149	5745	0.29	0.31	2.22		3.23	4.82	7.83	30.00		2.99		Pass
11a	6Mbps	2	157	5785	0.29	0.31	2.22		3.12	4.74	7.75	30.00		2.99		Pass
11a	6Mbps	2	165	5825	0.29	0.31	2.22		3.30	4.80	7.81	30.00		2.99		Pass
HT20	MCS0	2	149	5745	0.33	0.33	2.22		3.83	5.31	8.32	30.00		2.99		Pass
HT20	MCS0	2	157	5785	0.33	0.33	2.22		3.06	4.76	7.77	30.00		2.99		Pass
HT20	MCS0	2	165	5825	0.33	0.33	2.22		2.98	5.00	8.01	30.00		2.99		Pass
HT40	MCS0	2	151	5755	0.64	0.61	2.22		0.23	1.77	4.78	30.00		2.99		Pass
HT40	MCS0	2	159	5795	0.64	0.61	2.22		0.44	2.07	5.08	30.00		2.99		Pass
VHT80	MCS0	2	155	5775	0.65	0.65	2.22		-5.06	-2.05	0.96	30.00		2.99		Pass

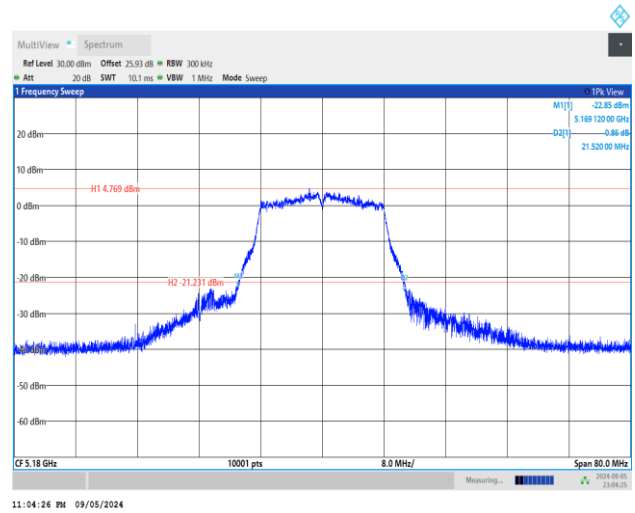
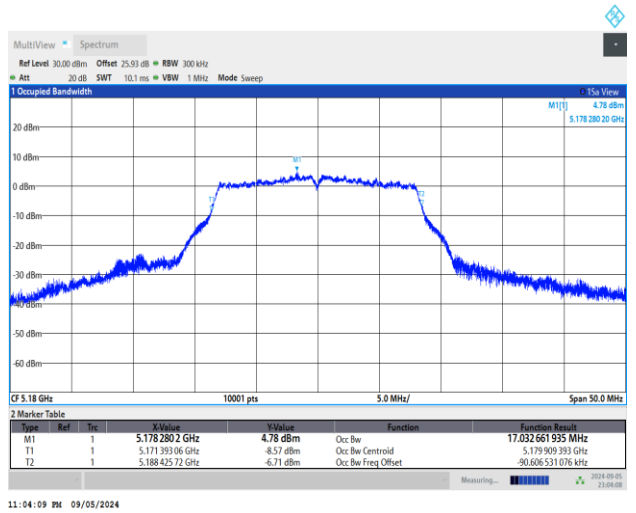
Note: PSD Sum = Max PSD(Ant. 10, Ant. 11) + 10 log (n)

<For Band 1>

Test Result of 26dB & 99% Occupied Bandwidth

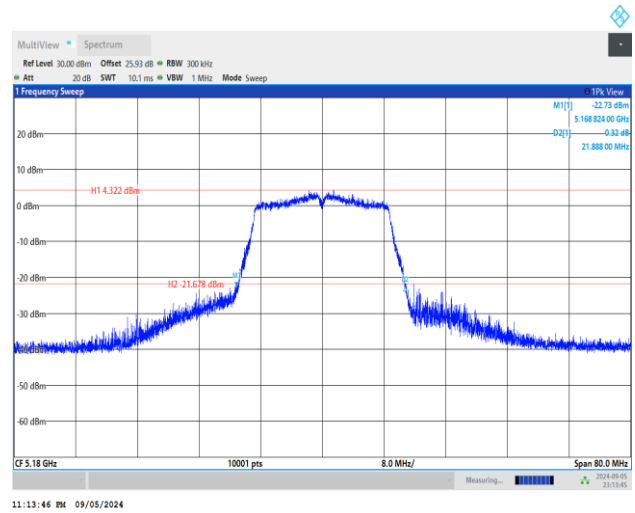
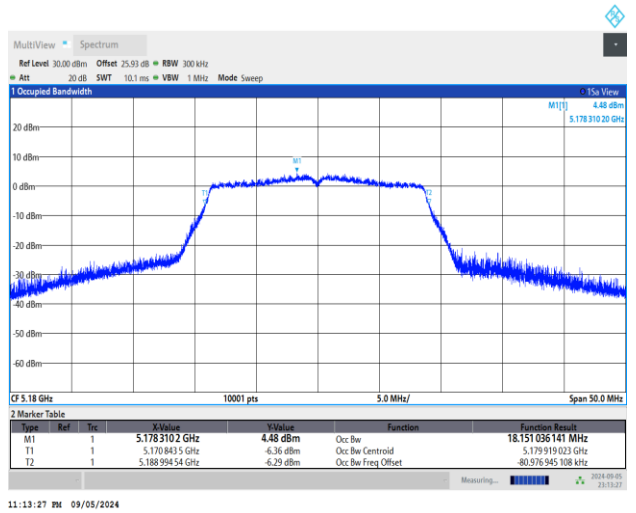
MIMO <Ant. 10+11>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

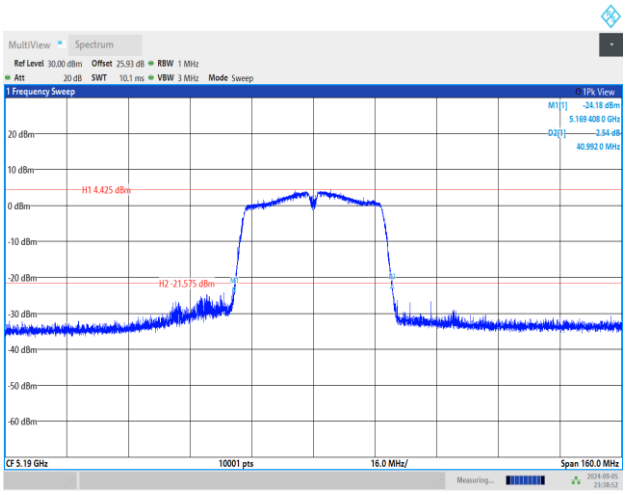
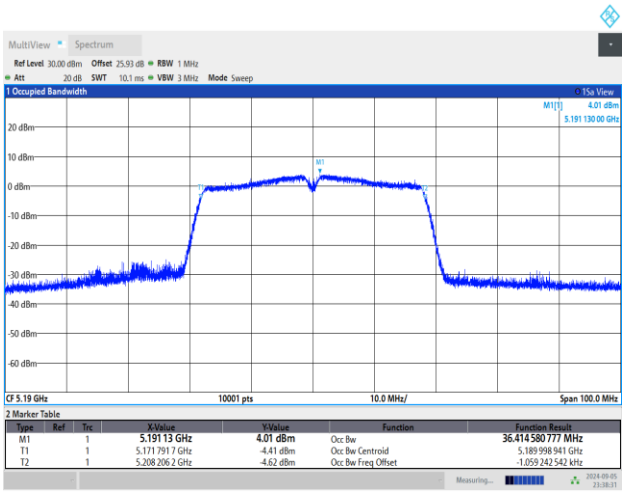
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

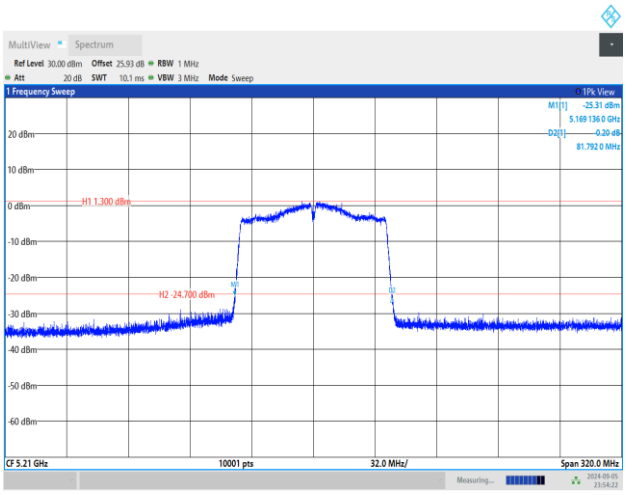
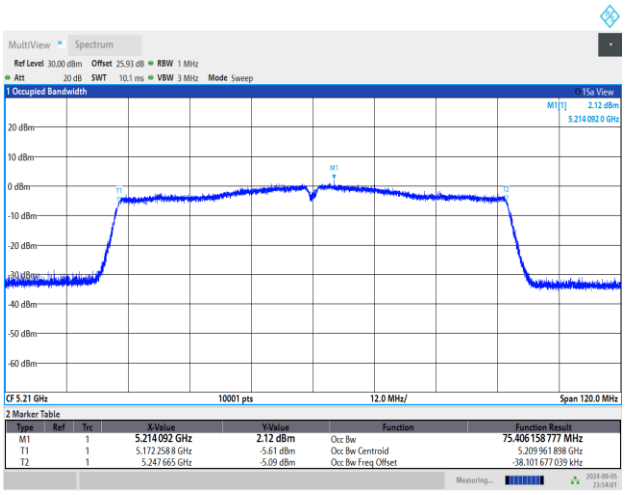
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

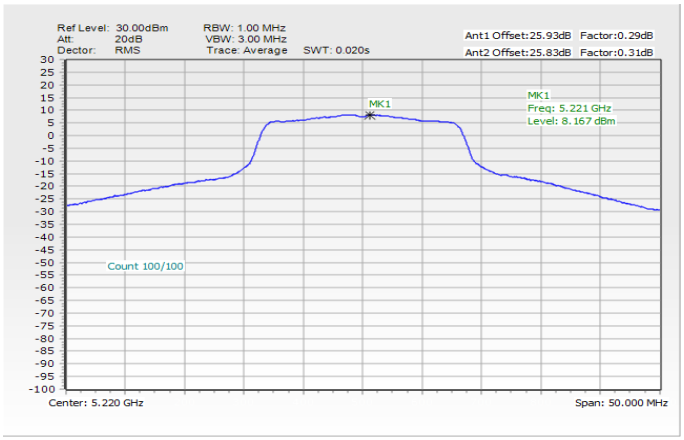
<802.11ac VHT80>

26dB Bandwidth	99% Occupied Bandwidth
	

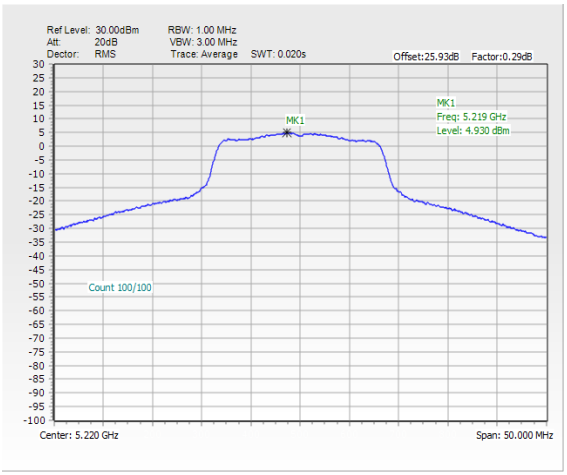
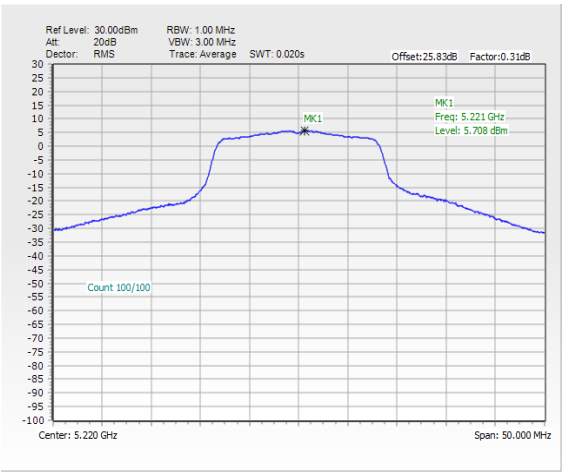
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

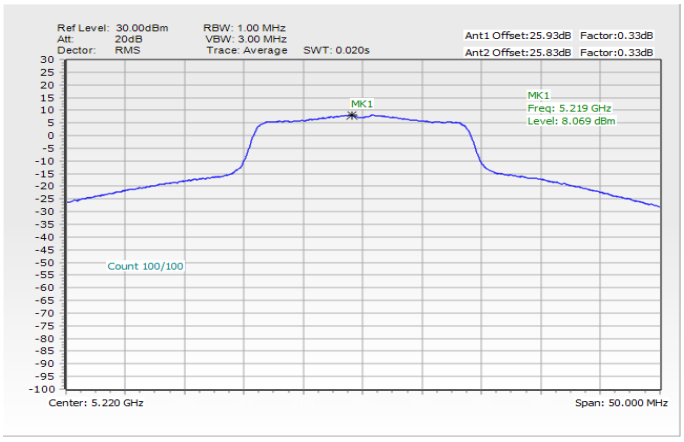
<802.11a>

Maximum Power Density Plot (dBm/MHz)


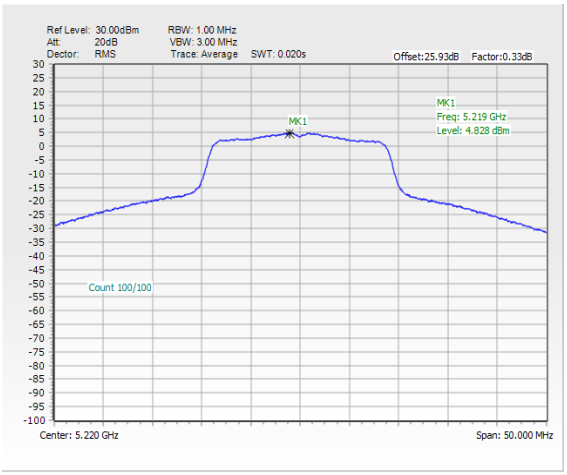
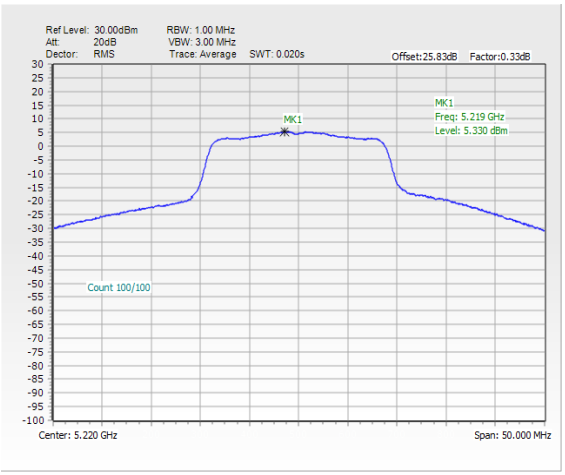
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 10)	Maximum Power Density Plot Trace 2 (Ant 11)
	

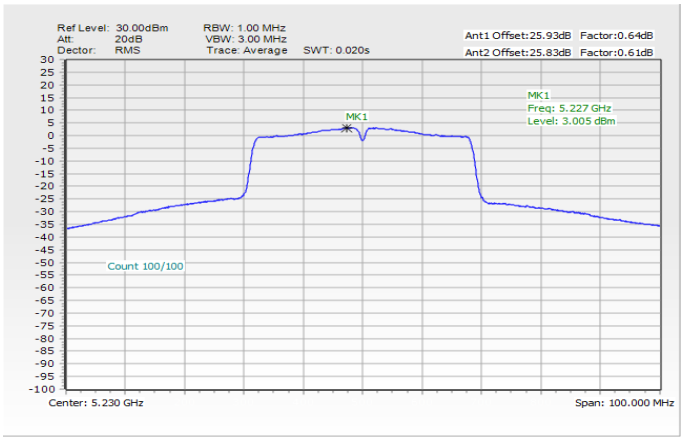
<802.11n HT20>

Maximum Power Density Plot (dBm/MHz)


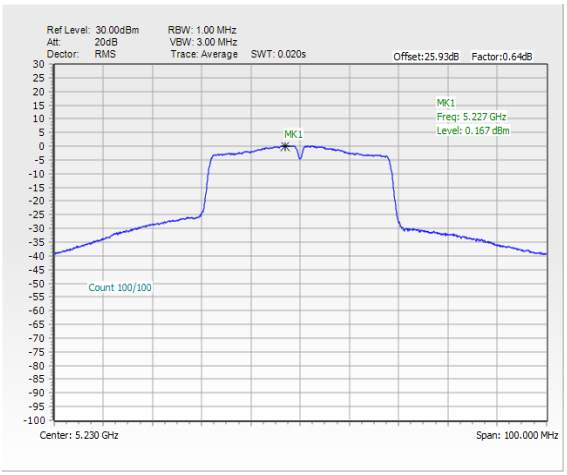
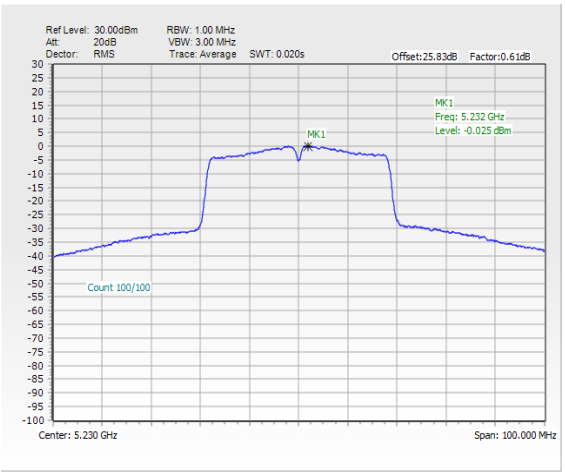
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 10)	Maximum Power Density Plot Trace 2 (Ant 11)
	

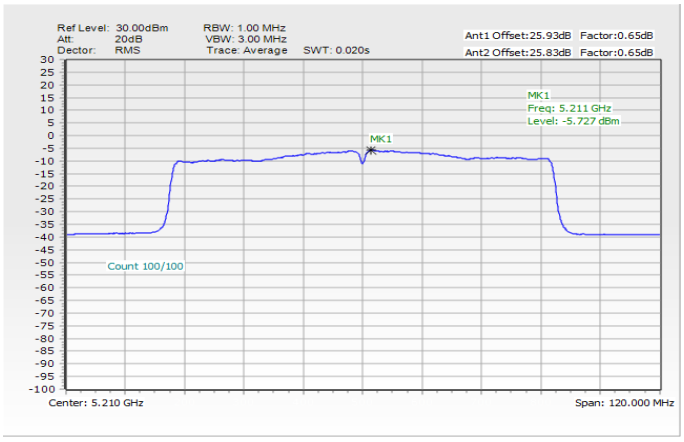
<802.11n HT40>

Maximum Power Density Plot (dBm/MHz)


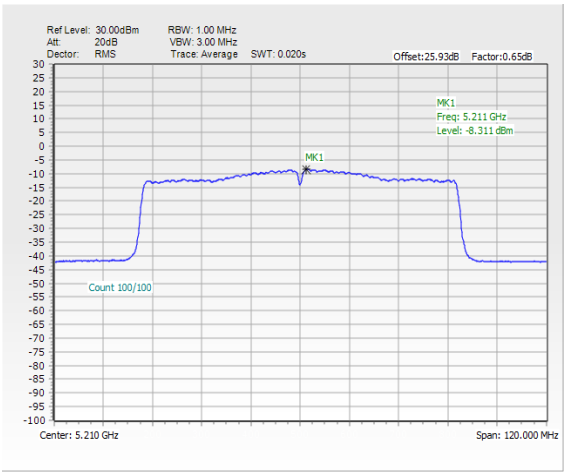
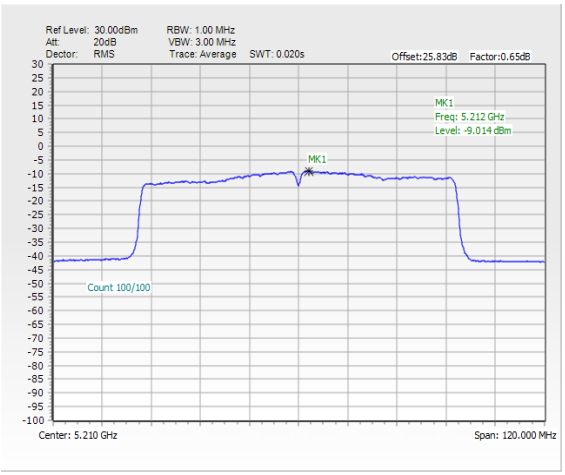
Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

Maximum Power Density Plot Trace 1 (Ant 10)	Maximum Power Density Plot Trace 2 (Ant 11)
	

<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)


Remark: The test plot is showing a bin by bin combined result mathematically adds two traces.

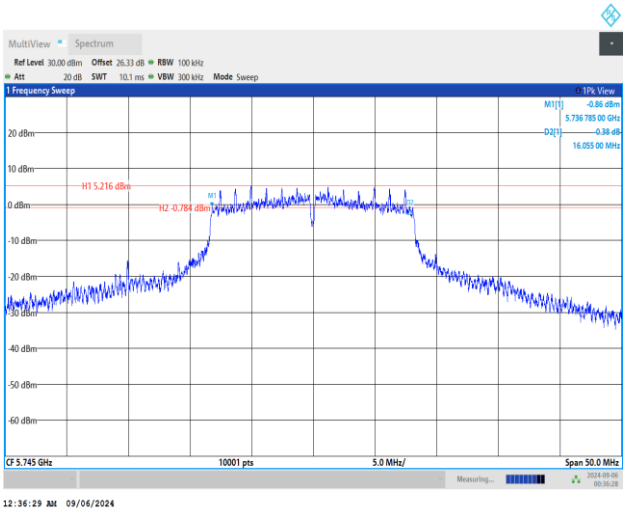
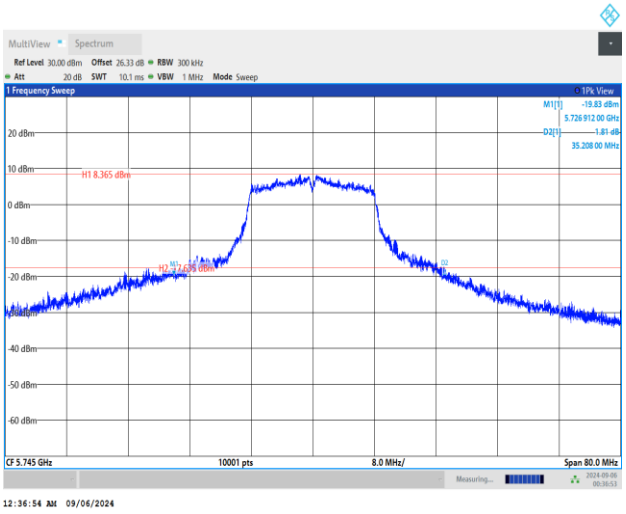
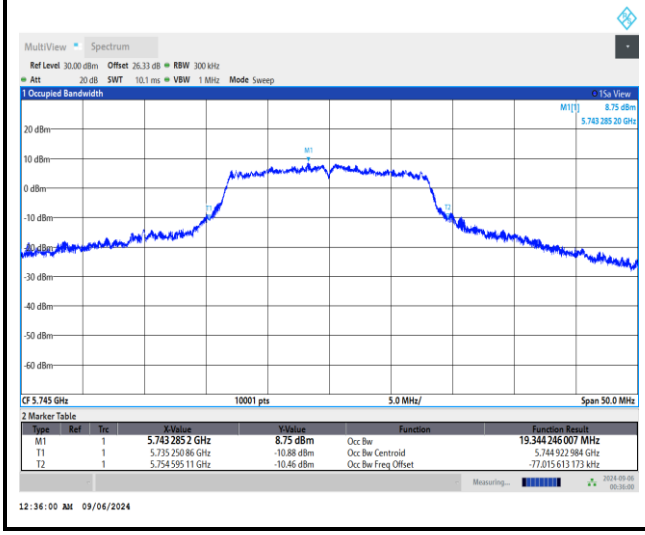
Maximum Power Density Plot Trace 1 (Ant 10)	Maximum Power Density Plot Trace 2 (Ant 11)
	

<For Band 4>

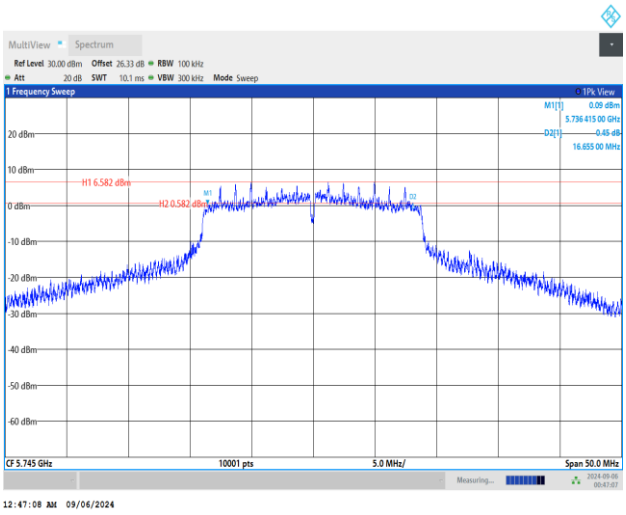
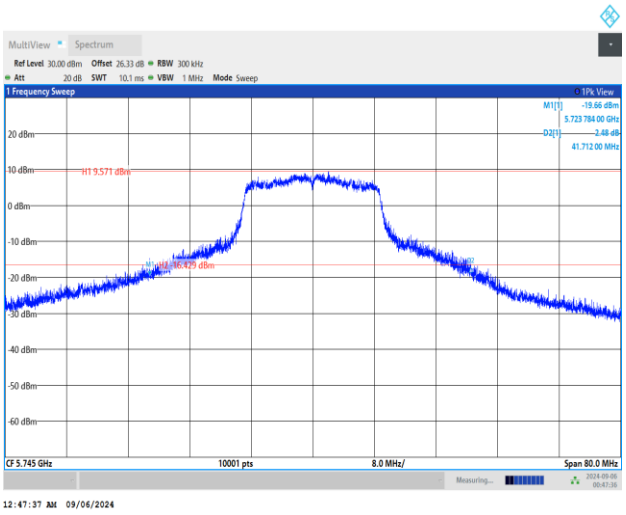
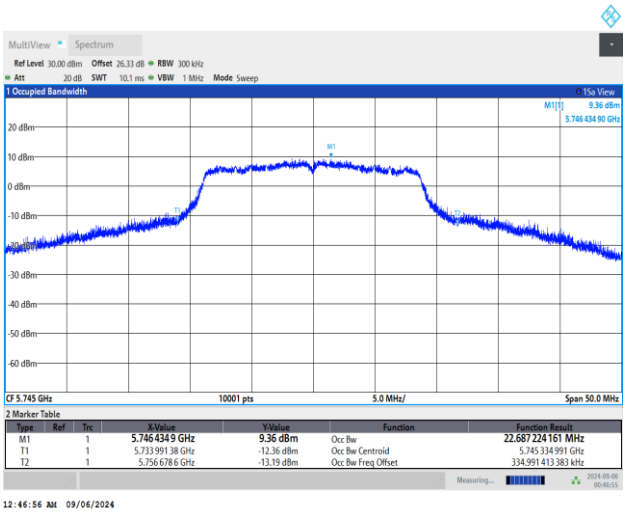
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 10+11>

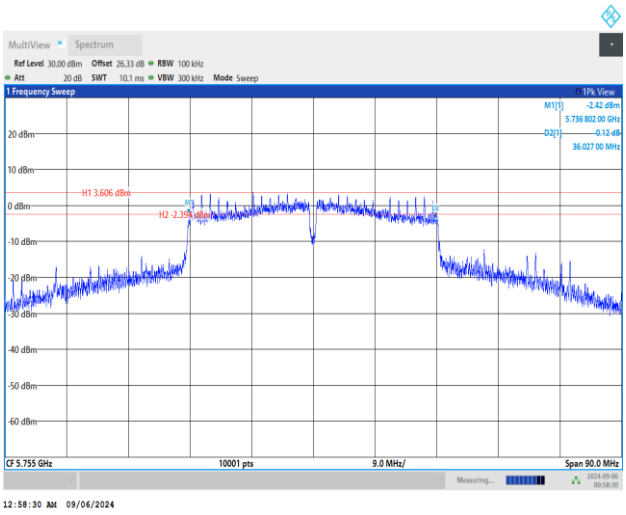
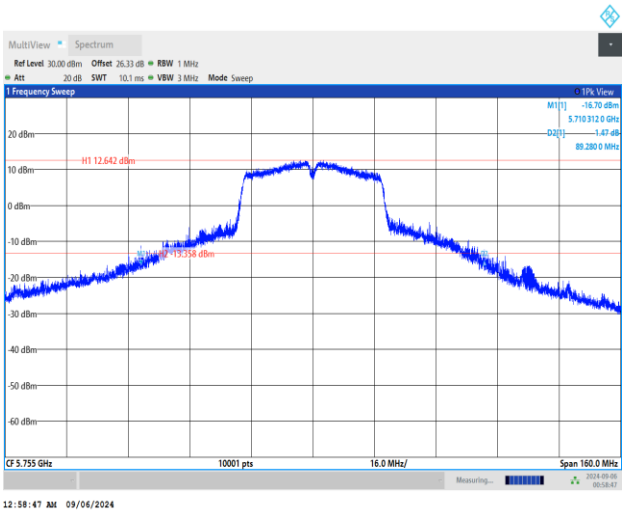
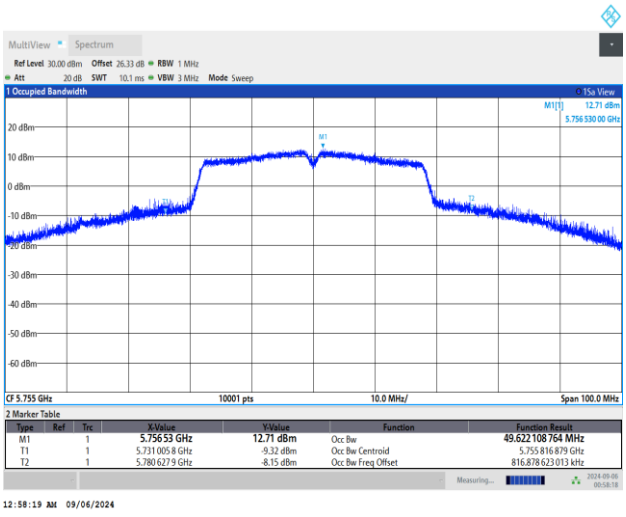
<802.11a>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

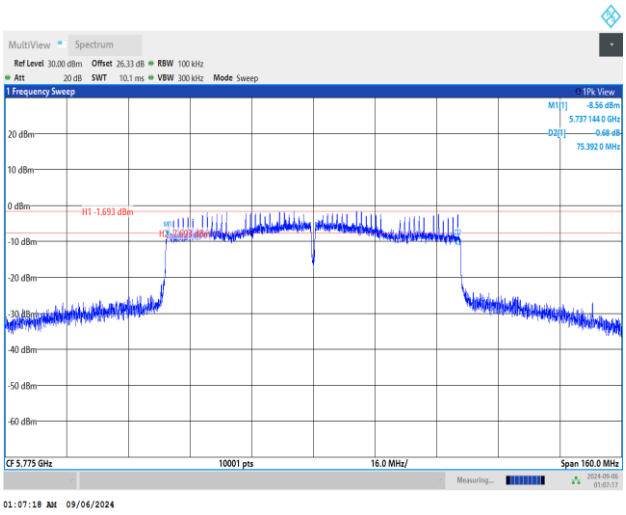
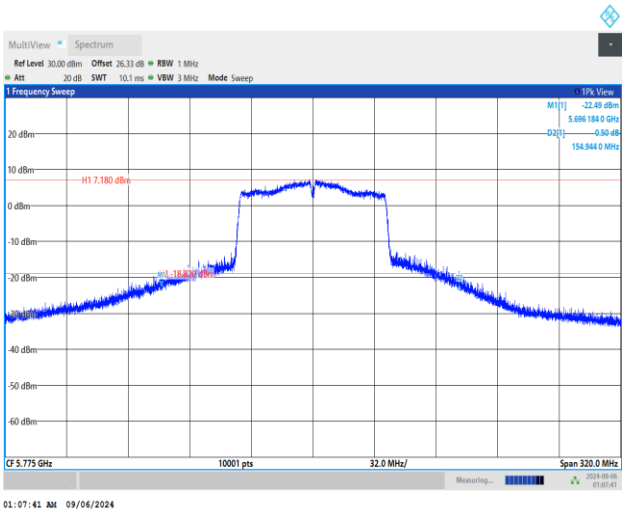
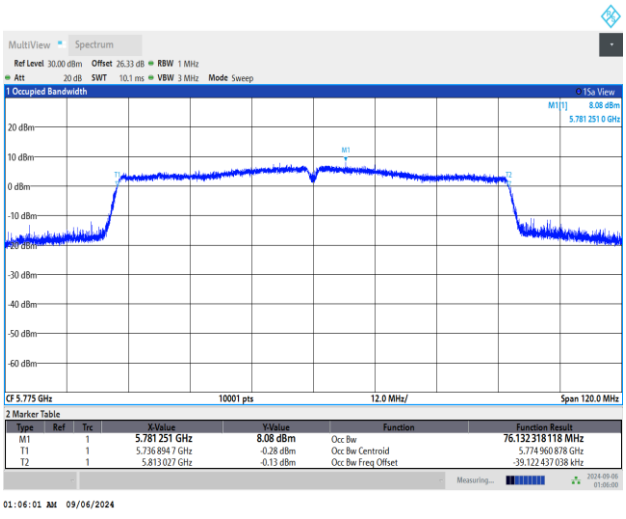
<802.11n HT20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11n HT40>

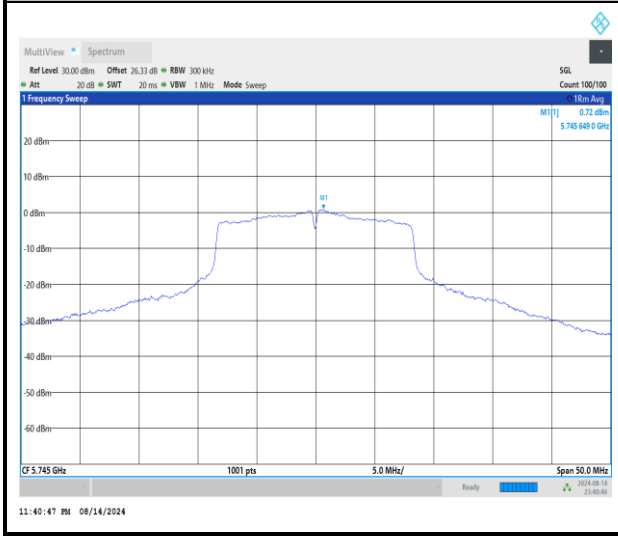
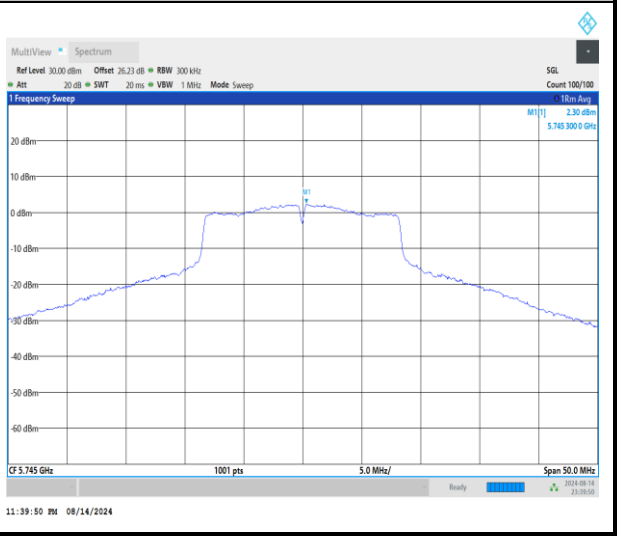
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ac VHT80>

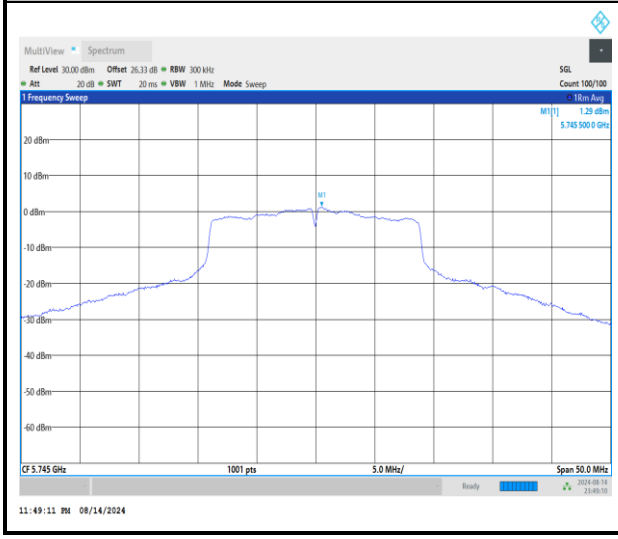
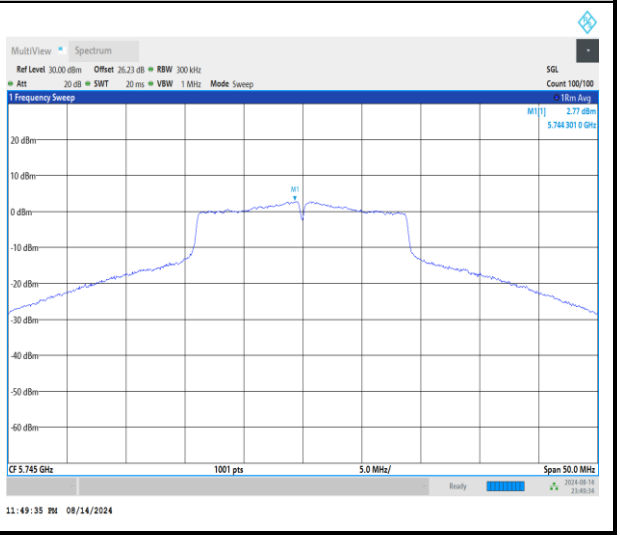
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

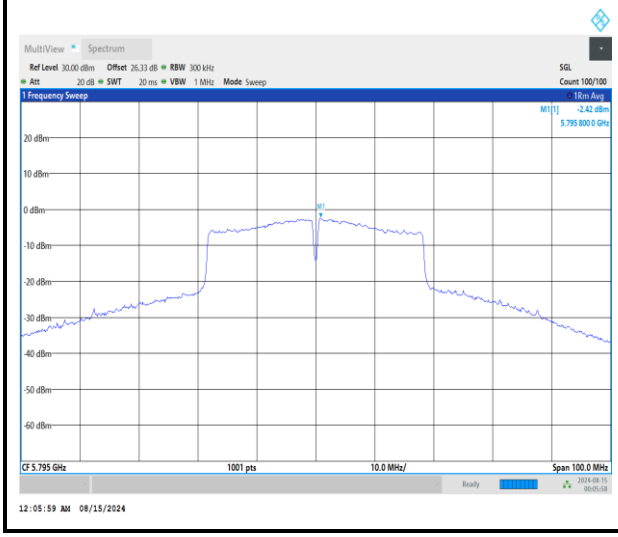
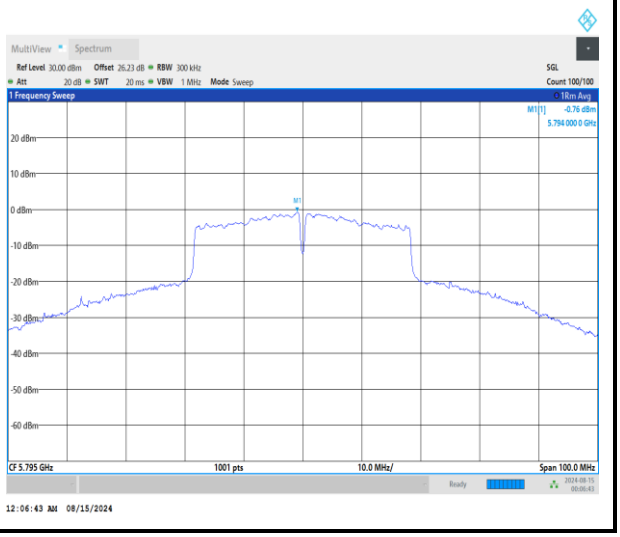
<802.11a>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 10	**MIMO Ant. 11**
	

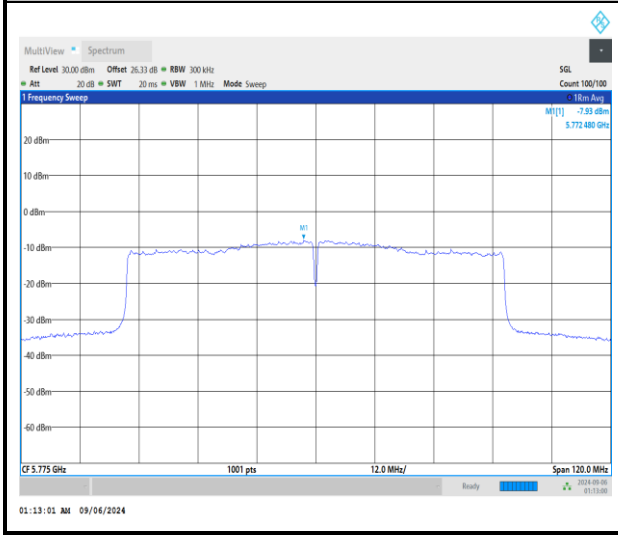
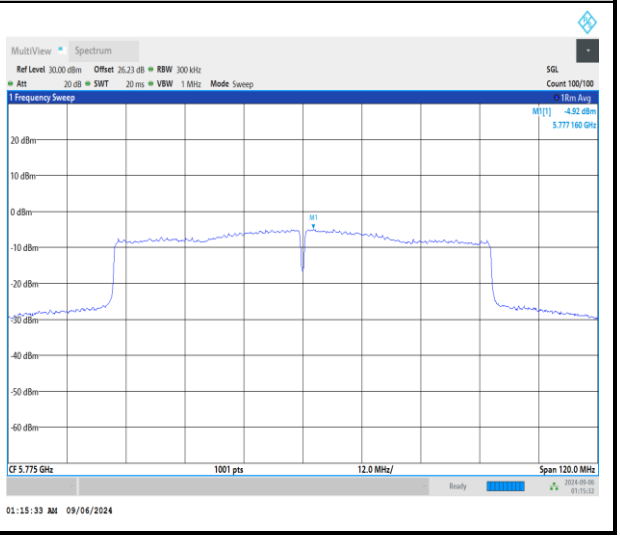
<802.11n HT20>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 10	**MIMO Ant. 11**
	

<802.11n HT40>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 10	**MIMO Ant. 11**
	

<802.11ac VHT80>

Maximum Power Density Plot (dBm/300kHz)	
MIMO Ant. 10	**MIMO Ant. 11**
	

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Bill Chang, Gary Guo, and Steven Wu	**Temperature :**	18.2~20.2℃
		Relative Humidity :	54.2~56.1%

Note symbol

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

B1.1. Radiated Spurious Emission Test Modes

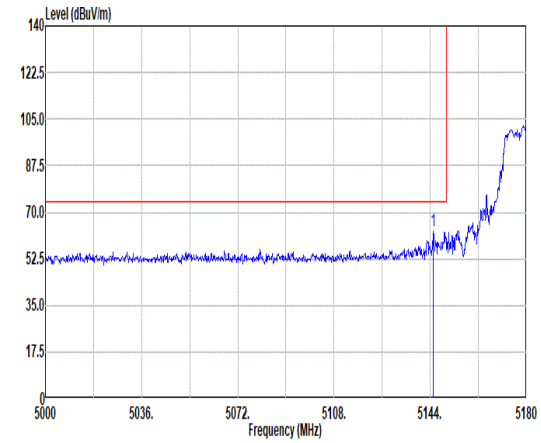
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	10+11	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	10+11	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	10+11	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	10+11	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	10+11	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	10+11	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	10+11	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	10+11	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	10+11	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-1	5.15-5.25	10+11	802.11n HT20	36	5180	MCS0	-	LF
Mode 21	U-NII-1	5.15-5.25	10+11	802.11n HT20	36	5180	MCS0	-	SHF

B1.2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.04	51.28	54.00	-2.72	V	Avg.	Pass	-	Band Edge
	802.11a	36	10360.00	63.11	68.20	-5.09	H	Peak	Pass	-	Harmonic
2	802.11a	44	5147.40	49.50	54.00	-4.50	V	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	50.55	54.00	-3.45	H	Avg.	Pass	-	Harmonic
3	802.11a	48	5029.76	46.58	54.00	-7.42	V	Avg.	Pass	-	Band Edge
	802.11a	48	10480.00	65.02	68.20	-3.18	V	Peak	Pass	-	Harmonic
4	802.11n HT20	36	5149.22	53.31	54.00	-0.69	V	Avg.	Pass	-	Band Edge
	802.11n HT20	36	10360.00	59.10	68.20	-9.10	V	Peak	Pass	-	Harmonic
5	802.11n HT20	44	5148.50	51.46	54.00	-2.54	V	Avg.	Pass	-	Band Edge
	802.11n HT20	44	15660.00	50.67	54.00	-3.33	H	Avg.	Pass	-	Harmonic
6	802.11n HT20	48	5147.60	47.22	54.00	-6.78	V	Avg.	Pass	-	Band Edge
	802.11n HT20	48	10480.00	65.23	68.20	-2.97	V	Peak	Pass	-	Harmonic
7	802.11n HT40	38	5149.15	53.02	54.00	-0.98	V	Avg.	Pass	-	Band Edge
	802.11n HT40	38	10380.00	54.83	68.20	-13.37	H	Peak	Pass	-	Harmonic
8	802.11n HT40	46	5148.12	51.07	54.00	-2.93	V	Avg.	Pass	-	Band Edge
	802.11n HT40	46	10460.00	60.25	68.20	-7.95	V	Peak	Pass	-	Harmonic
9	802.11ac VHT80	42	5146.58	53.25	54.00	-0.75	V	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	15630.00	39.07	54.00	-14.93	V	Avg.	Pass	-	Harmonic
10	LF	36	36.79	31.24	40.00	-8.76	V	Peak	Pass	-	LF
21	SHF	36	38537.00	47.47	68.20	-20.73	H	Peak	Pass	-	SHF

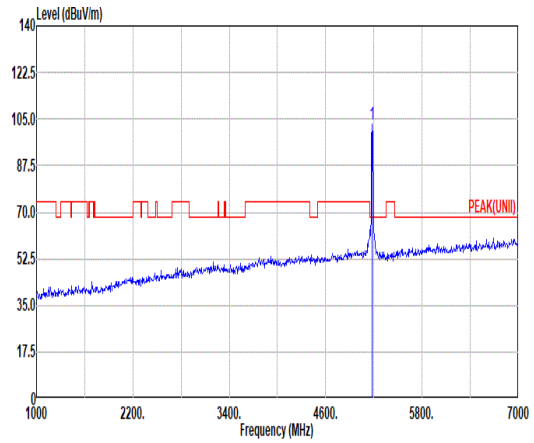
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

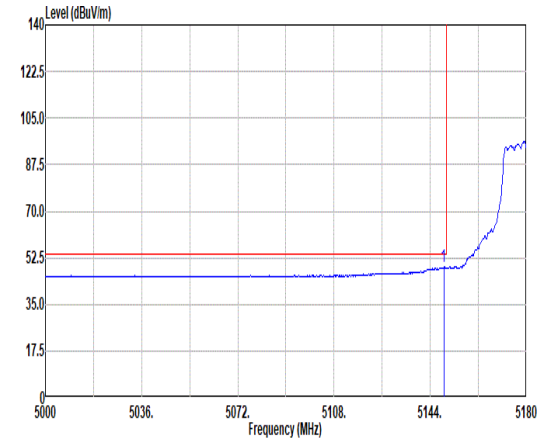
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5145.08	62.67	74.00	-11.33	47.89	32.99	11.18	29.39	0.00	399	360	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

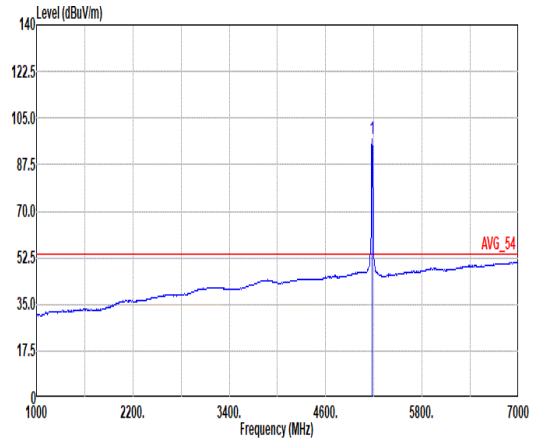
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	102.91	------	------	88.09	33.00	11.21	29.39	0.00	399	360	PEAK

Avg.



Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.04	49.14	54.00	-4.86	34.35	33.00	11.18	29.39	0.00	399	360	AVERAGE

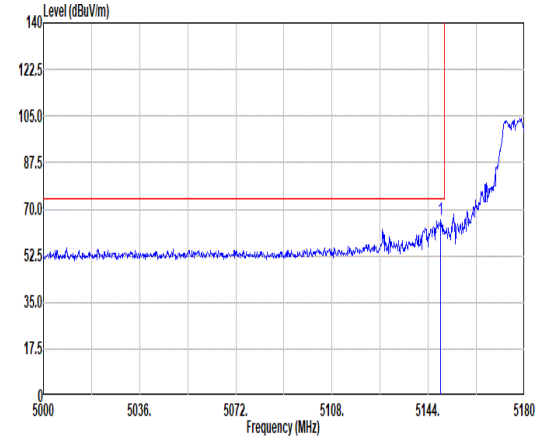


Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	97.31	------	------	82.49	33.00	11.21	29.39	0.00	399	360	AVERAGE

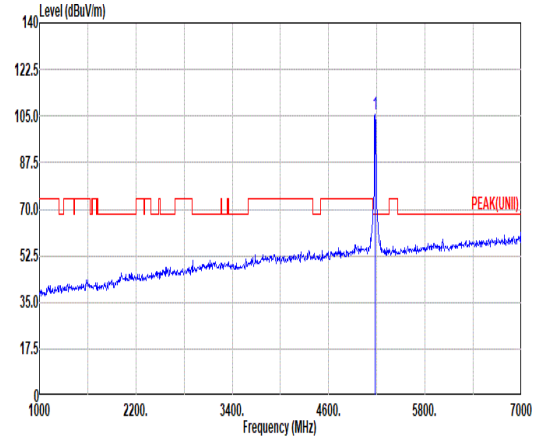
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

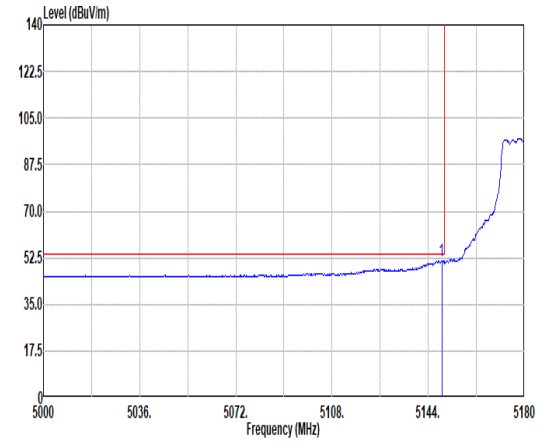
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.68	66.23	74.00	-7.77	51.44	33.00	11.18	29.39	0.00	185	285	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

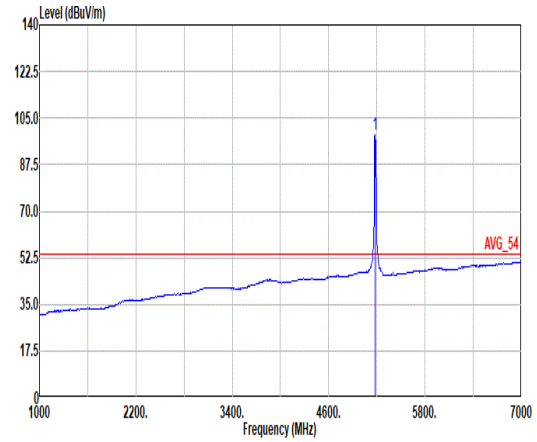
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	105.68	------	------	90.86	33.00	11.21	29.39	0.00	185	285	PEAK

Avg.



Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.04	51.28	54.00	-2.72	36.49	33.00	11.18	29.39	0.00	185	285	AVERAGE



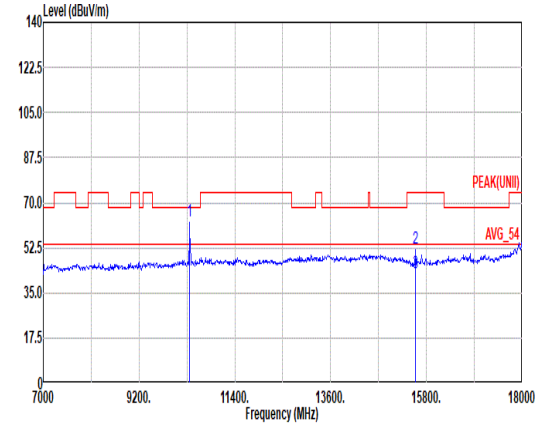
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	98.75	------	------	83.94	33.00	11.20	29.39	0.00	185	285	AVERAGE

Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

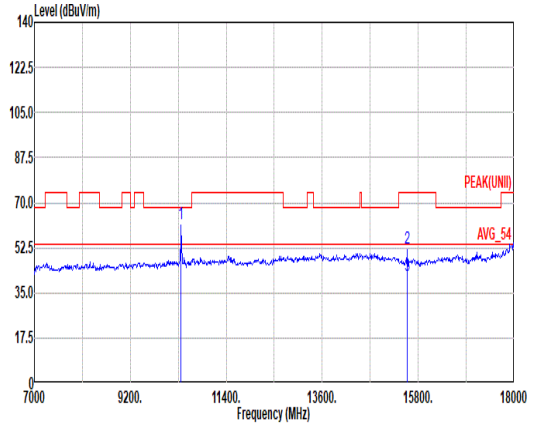
Peak

Avg.



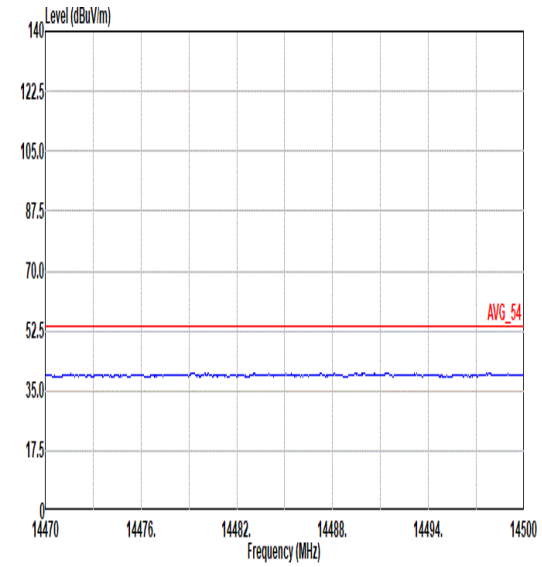
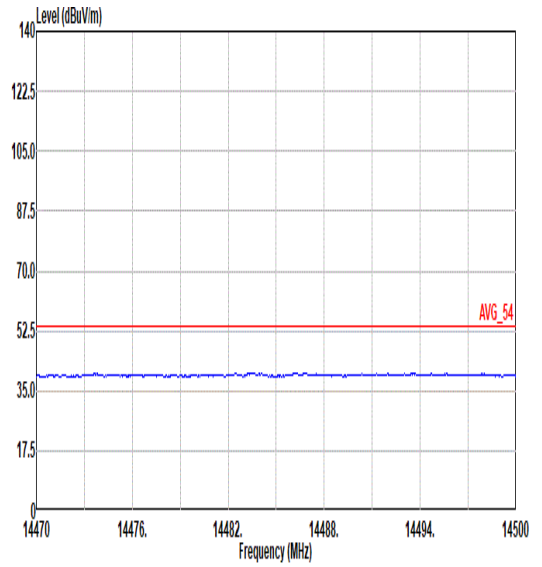
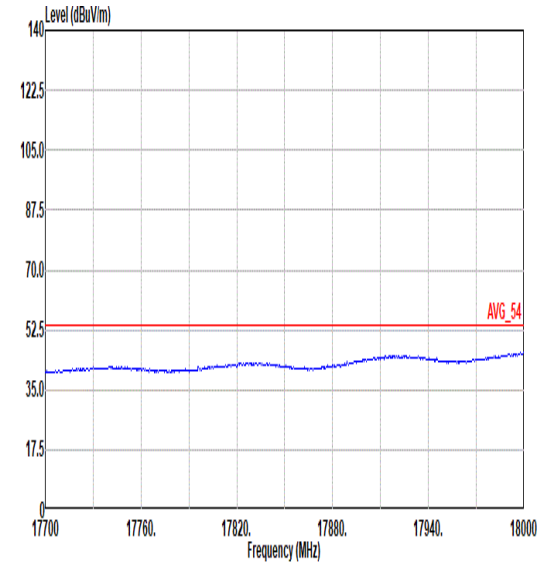
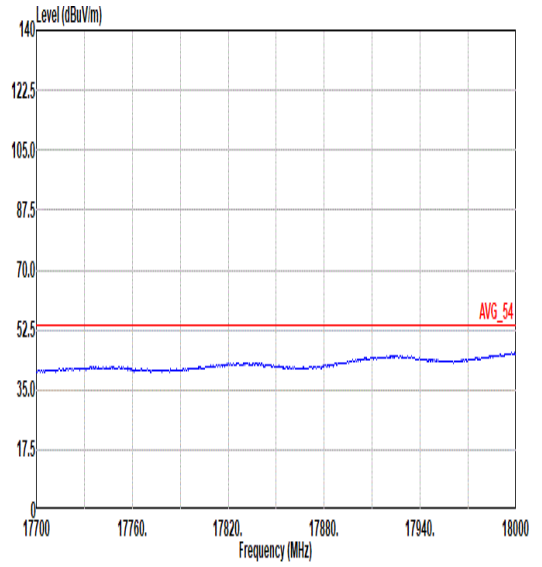
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10360.00	63.11	68.20	-5.09	74.78	38.60	15.81	66.53	0.45	400	172	PEAK
2	15540.00	52.53	74.00	-21.47	60.99	37.80	19.50	66.34	0.58	100	19	PEAK
3	15540.00	42.81	54.00	-11.19	51.27	37.80	19.50	66.34	0.58	100	19	AVERAGE



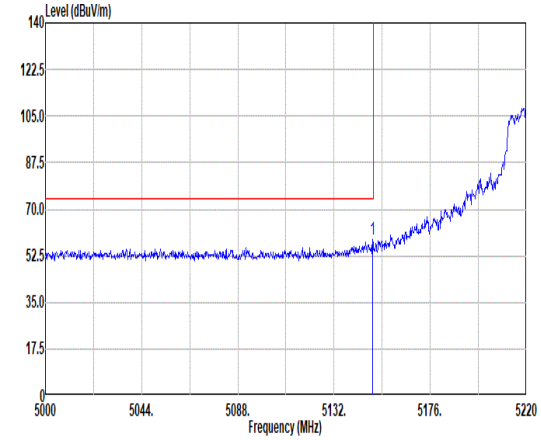
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10360.00	61.85	68.20	-6.35	73.52	38.60	15.81	66.53	0.45	400	221	PEAK
2	15540.00	52.39	74.00	-21.61	60.85	37.80	19.50	66.34	0.58	100	54	PEAK
3	15540.00	41.62	54.00	-12.38	50.08	37.80	19.50	66.34	0.58	100	54	AVERAGE

Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

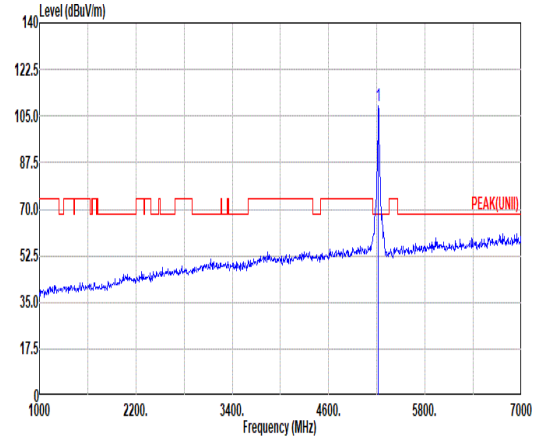
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

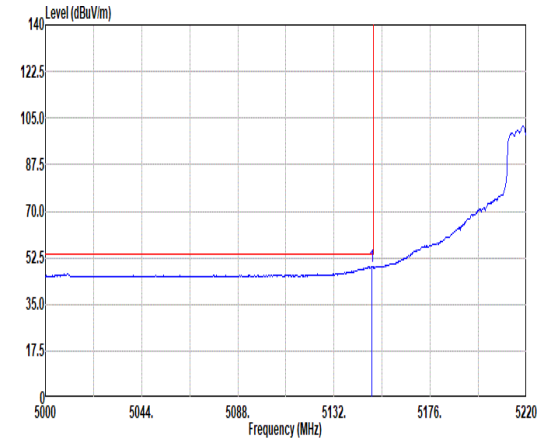
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.60	58.55	74.00	-15.45	43.76	33.00	11.18	29.39	0.00	171	172	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

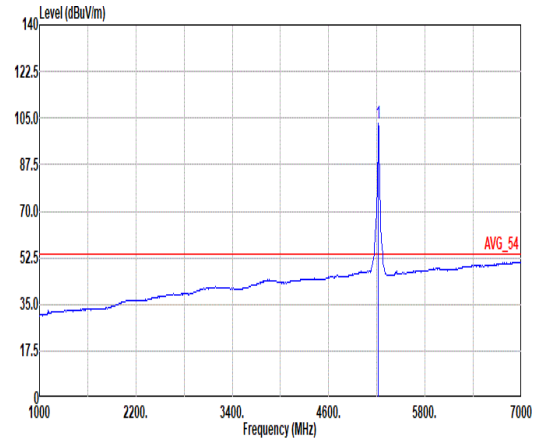
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	109.06	------	------	94.24	32.96	11.24	29.38	0.00	171	172	PEAK

Avg.



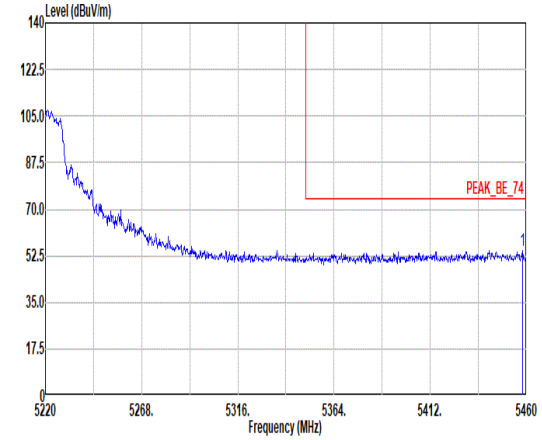
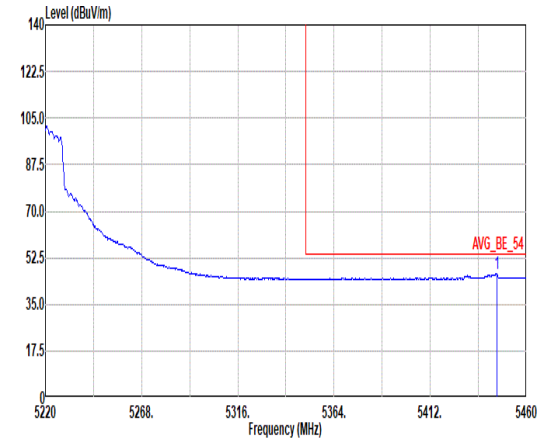
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.16	49.19	54.00	-4.81	34.40	33.00	11.18	29.39	0.00	171	172	AVERAGE



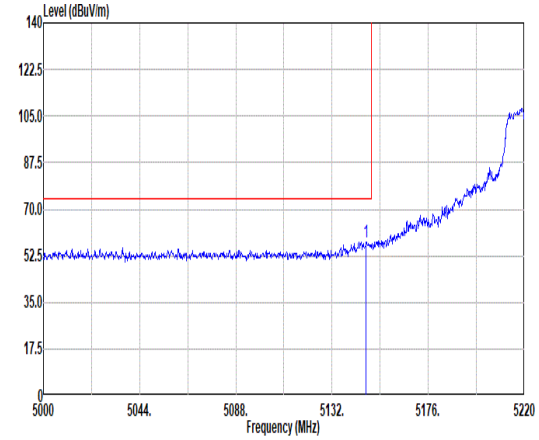
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	103.08	------	------	88.26	32.96	11.24	29.38	0.00	171	172	AVERAGE

Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.08 54.35 74.00 -19.65 39.43 32.80 11.48 29.36 0.00 171 172 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5445.36 46.60 54.00 -7.40 31.70 32.80 11.46 29.36 0.00 171 172 AVERAGE	Blank

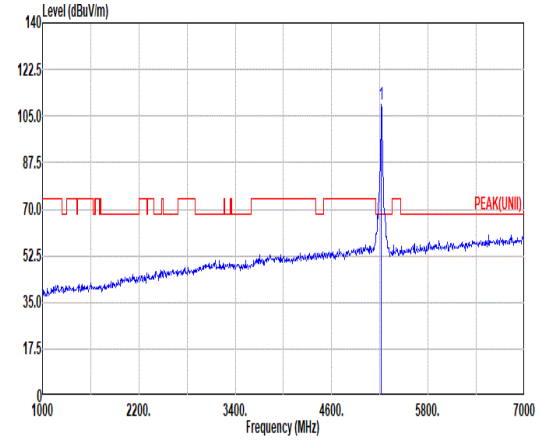
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

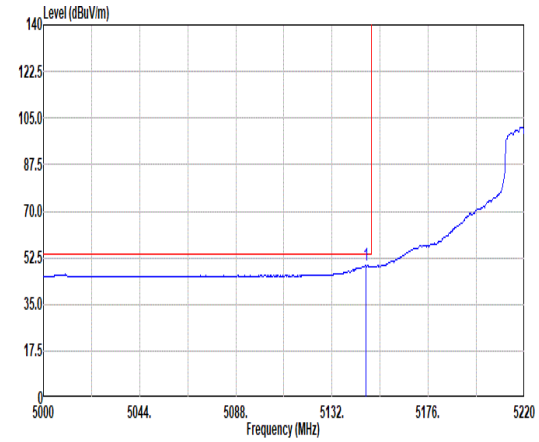
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.62	57.69	74.00	-16.31	42.90	33.00	11.18	29.39	0.00	151	285	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

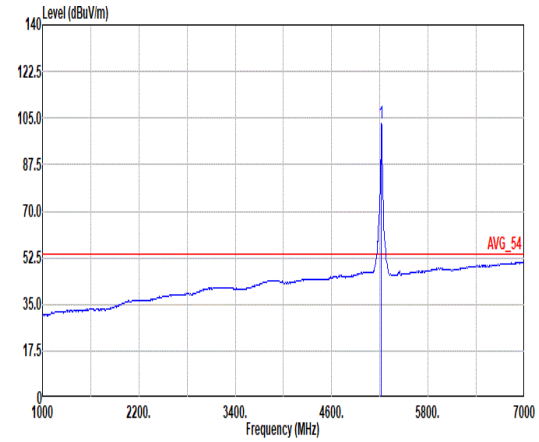
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	109.53	------	------	94.71	32.96	11.24	29.38	0.00	151	285	PEAK

Avg.



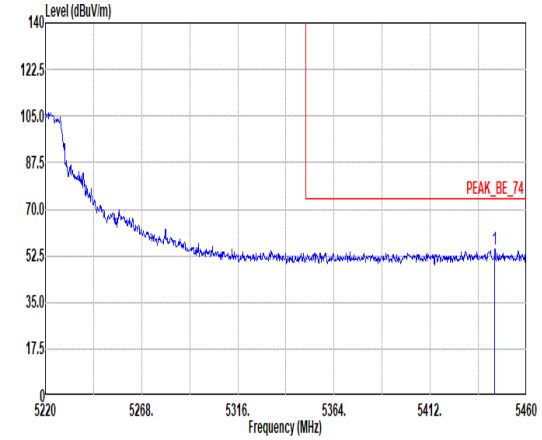
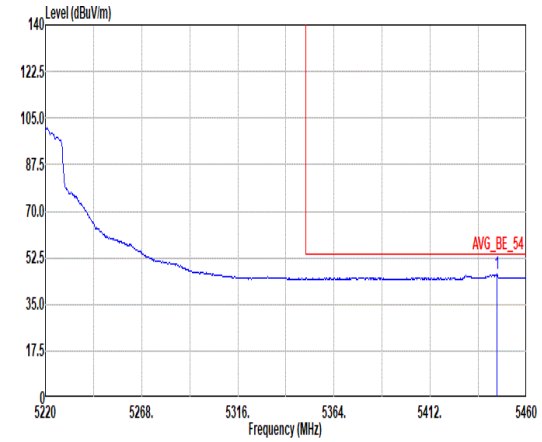
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.40	49.50	54.00	-4.50	34.72	32.99	11.18	29.39	0.00	151	285	AVERAGE



Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

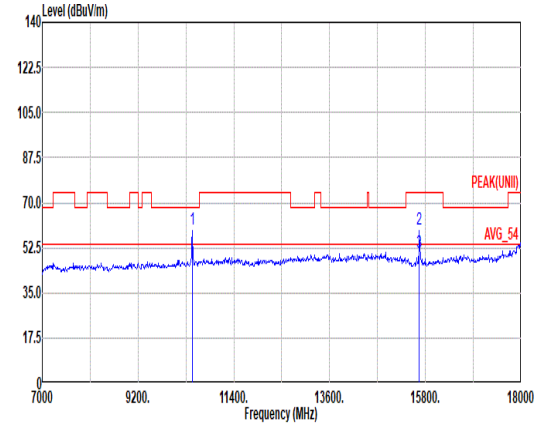
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	103.02	------	------	88.20	32.96	11.24	29.38	0.00	151	285	AVERAGE

Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	10+11	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5444.16 54.74 74.00 -19.26 39.84 32.80 11.46 29.36 0.00 151 285 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5445.12 46.30 54.00 -7.70 31.40 32.80 11.46 29.36 0.00 151 285 AVERAGE	Blank

Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

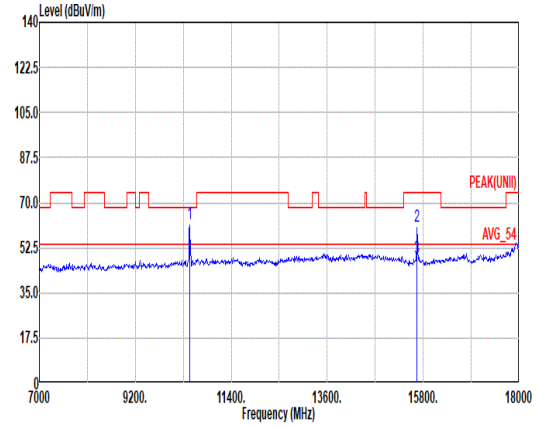
Peak

Avg.



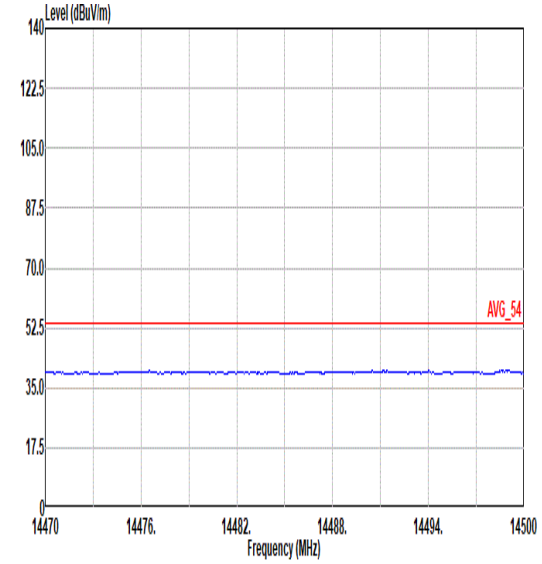
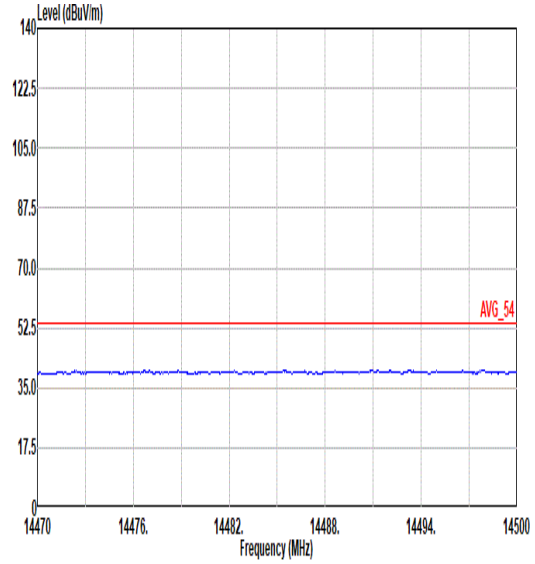
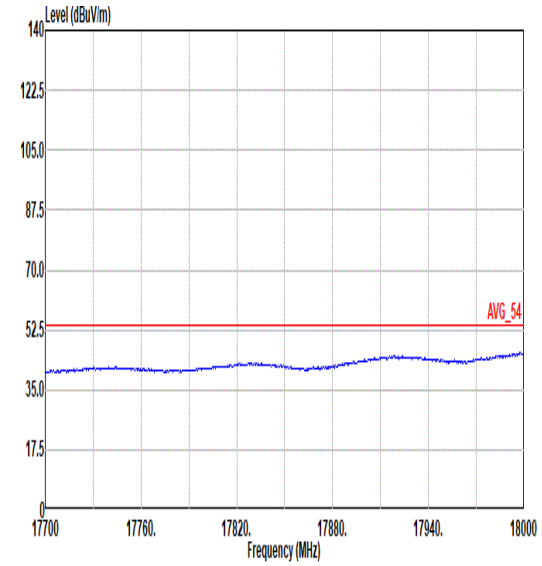
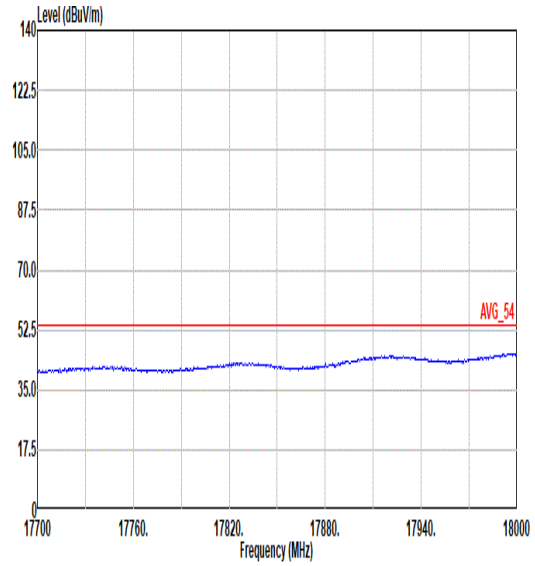
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10440.00	59.94	68.20	-8.26	71.57	38.52	15.87	66.47	0.45	400	189	PEAK
2	15660.00	59.77	74.00	-14.23	68.30	37.72	19.55	66.39	0.59	100	20	PEAK
3	15660.00	50.55	54.00	-3.45	59.08	37.72	19.55	66.39	0.59	100	20	AVERAGE



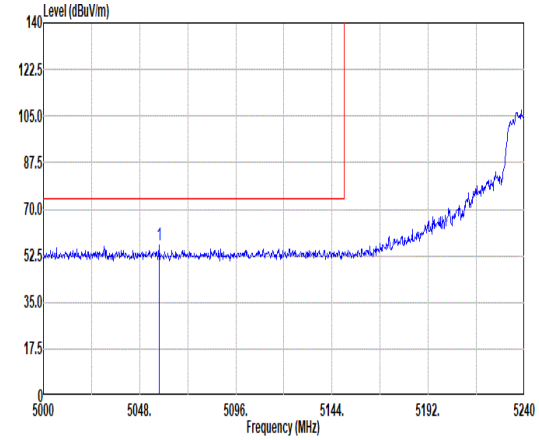
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10440.00	61.67	68.20	-6.53	73.30	38.52	15.87	66.47	0.45	400	253	PEAK
2	15660.00	60.54	74.00	-13.46	69.07	37.72	19.55	66.39	0.59	100	58	PEAK
3	15660.00	48.76	54.00	-5.24	57.29	37.72	19.55	66.39	0.59	100	58	AVERAGE

Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

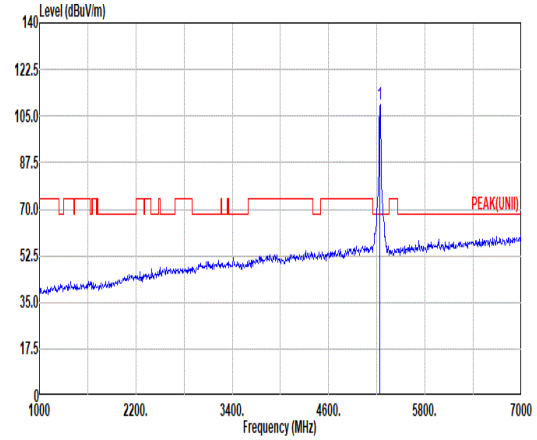
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

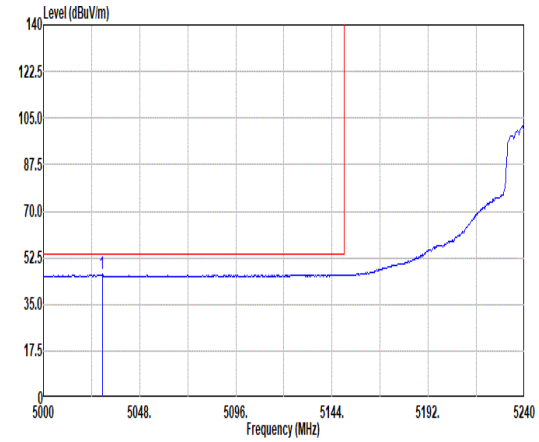
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5057.84	56.39	74.00	-17.61	41.78	32.90	11.11	29.40	0.00	170	198	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

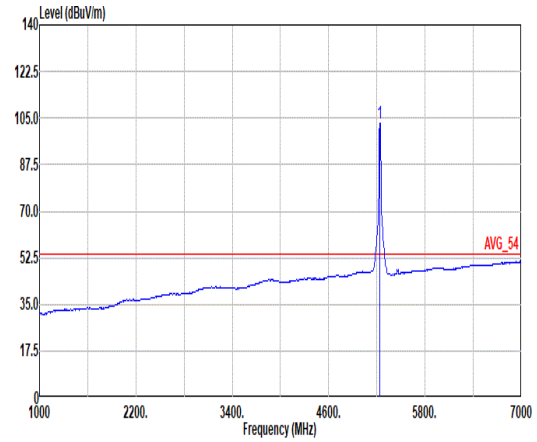
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	109.48	------	------	94.68	32.92	11.26	29.38	0.00	170	198	PEAK

Avg.



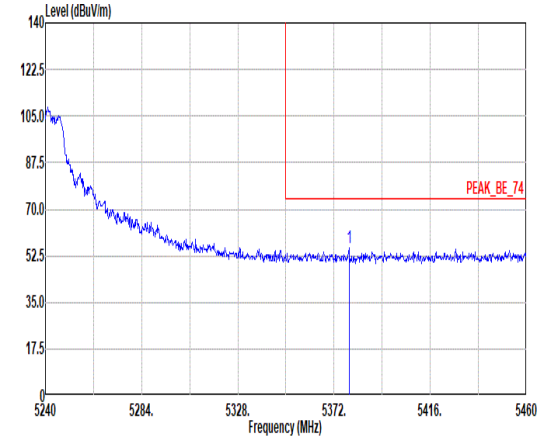
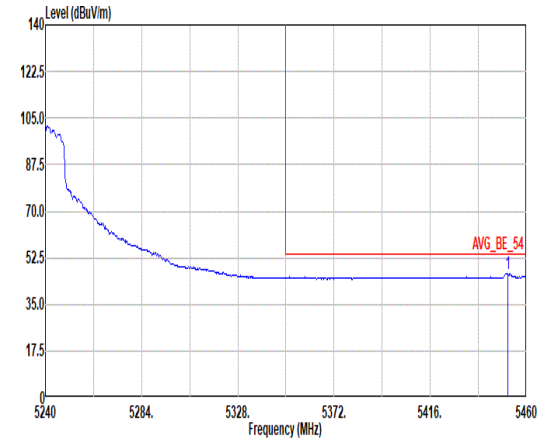
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5029.28	46.36	54.00	-7.64	31.71	32.98	11.08	29.41	0.00	170	198	AVERAGE



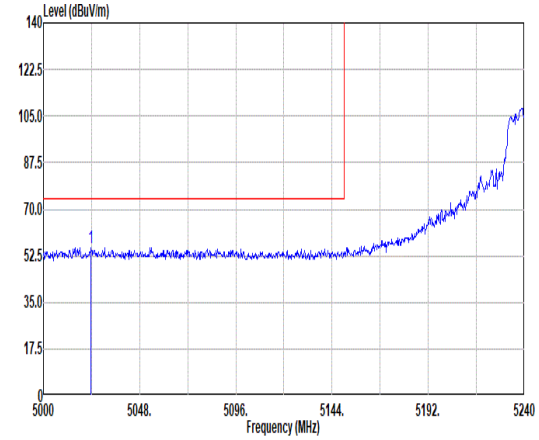
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	103.15	------	------	88.35	32.92	11.26	29.38	0.00	170	198	AVERAGE

Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5378.82 55.29 74.00 -18.71 40.46 32.80 11.39 29.36 0.00 170 198 PEAK	**Blank**
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5451.42 46.55 54.00 -7.45 31.64 32.80 11.47 29.36 0.00 170 198 AVERAGE	**Blank**

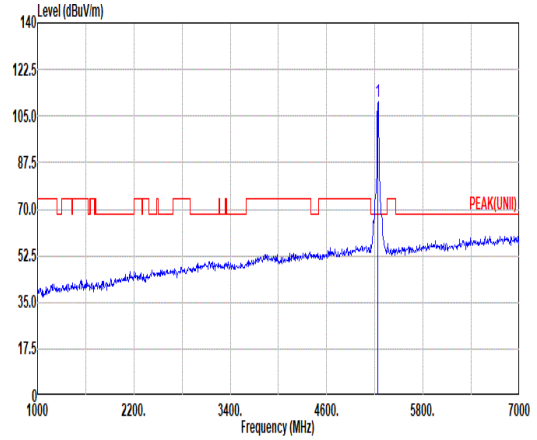
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

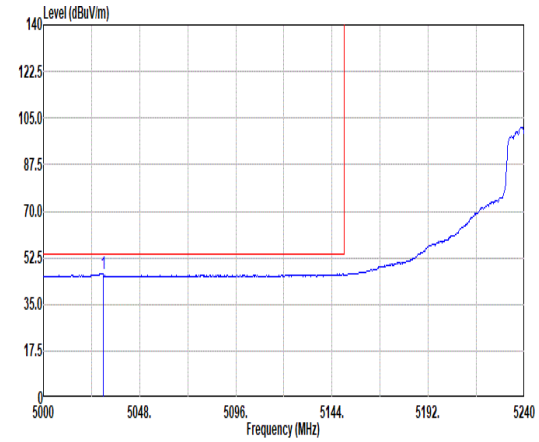
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5023.76	55.69	74.00	-18.31	41.02	33.00	11.08	29.41	0.00	222	282	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

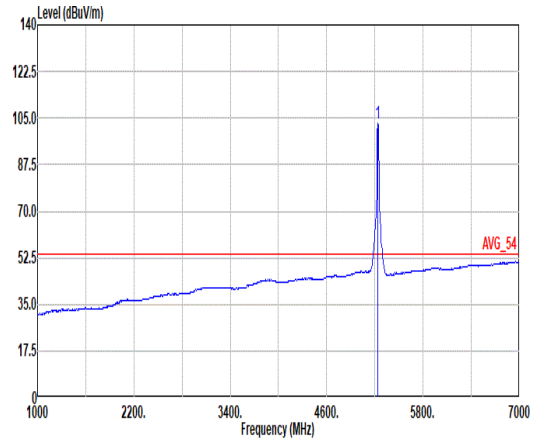
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	110.29	------	------	95.49	32.92	11.26	29.38	0.00	222	282	PEAK

Avg.



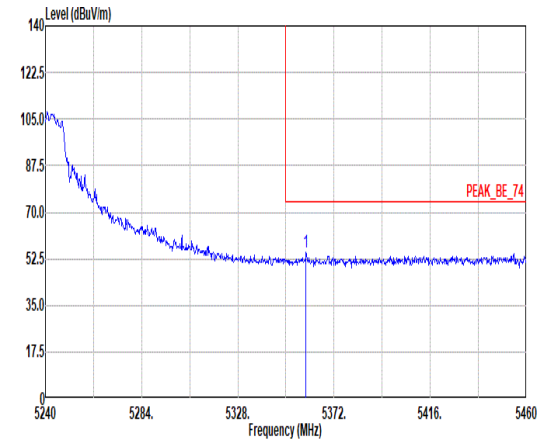
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5029.76	46.58	54.00	-7.42	31.93	32.98	11.08	29.41	0.00	222	282	AVERAGE

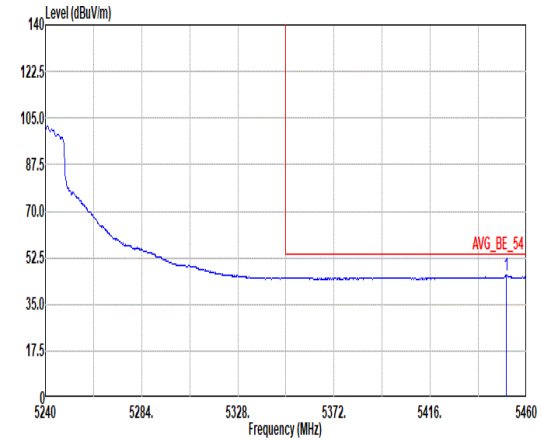


Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	102.98	------	------	88.18	32.93	11.25	29.38	0.00	222	282	AVERAGE

<table>
<tr><td rowspan="3">Mode</td><td colspan="2">3</td></tr>
<tr><td colspan="2">Band Edge - R</td></tr>
<tr><td colspan="2">U-NII-1_5.15-5.25_802.11a_CH48_5240MHz</td></tr>
<tr><td>ANT</td><td colspan="2">10+11</td></tr>
<tr><td>Pol.</td><td>Vertical</td><td>Fundamental</td></tr>
<tr><td>Peak</td><td> 

Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5359.24	54.73	74.00	-19.27	39.93	32.80	11.37	29.37	0.00	222	282	PEAK |</td><td>Blank</td></tr>
<tr><td>Avg.</td><td> 

Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5450.76	45.75	54.00	-8.25	30.84	32.80	11.47	29.36	0.00	222	282	AVERAGE |</td><td>Blank</td></tr>
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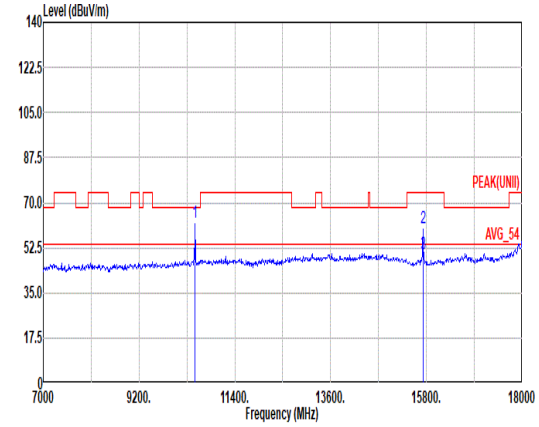
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

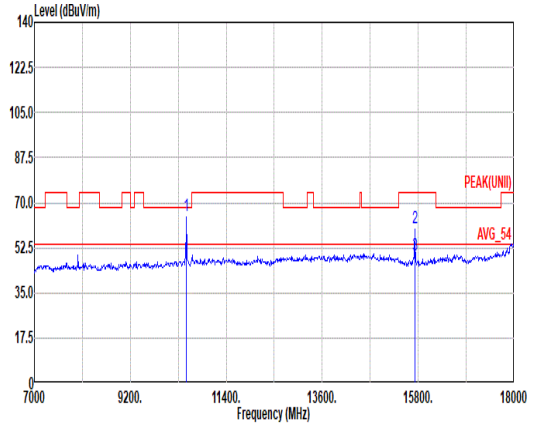
Peak

Avg.



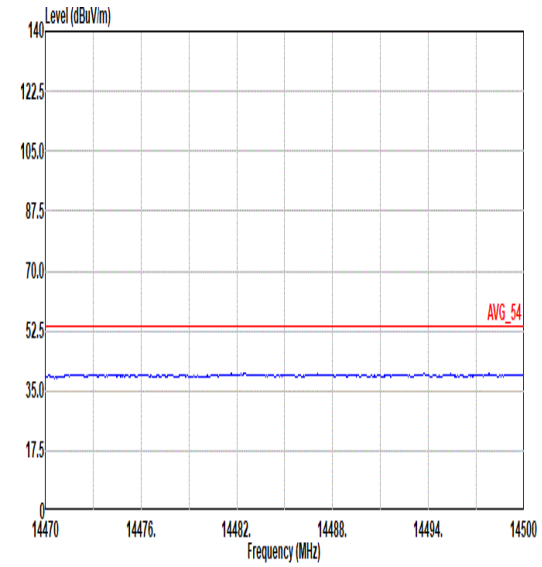
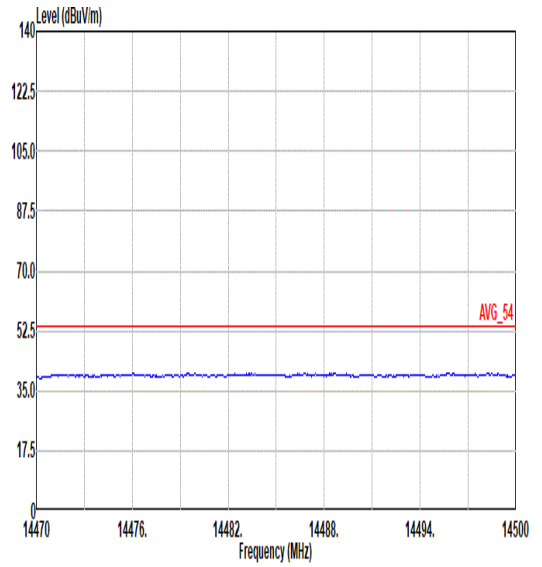
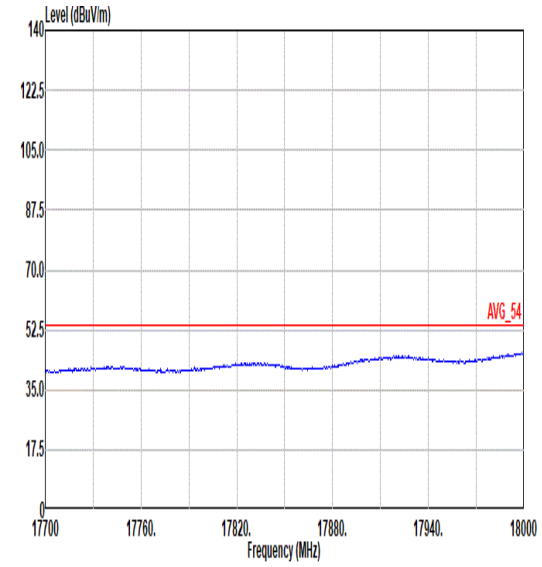
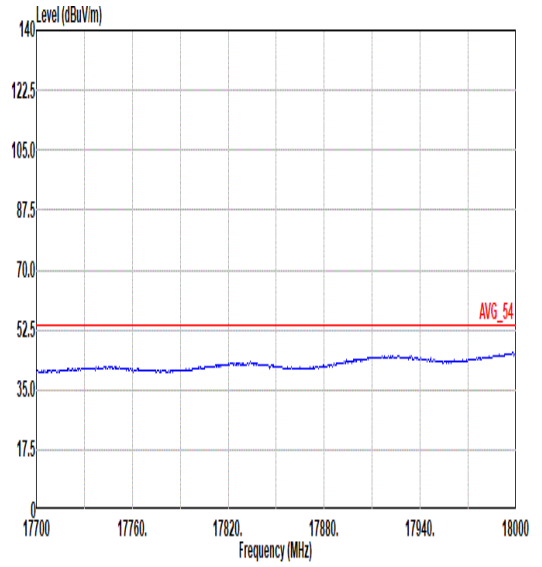
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	62.33	68.20	-5.87	73.98	38.44	15.90	66.44	0.45	400	138	PEAK
2	15720.00	60.14	74.00	-13.86	68.63	37.76	19.57	66.42	0.60	100	21	PEAK
3	15720.00	50.07	54.00	-3.93	58.56	37.76	19.57	66.42	0.60	100	21	AVERAGE



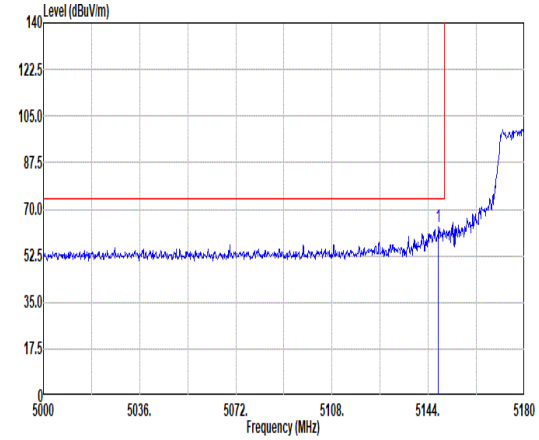
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10480.00	65.02	68.20	-3.18	76.67	38.44	15.90	66.44	0.45	398	78	PEAK
2	15720.00	60.16	74.00	-13.84	68.65	37.76	19.57	66.42	0.60	307	248	PEAK
3	15720.00	49.71	54.00	-4.29	58.20	37.76	19.57	66.42	0.60	307	248	AVERAGE

Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

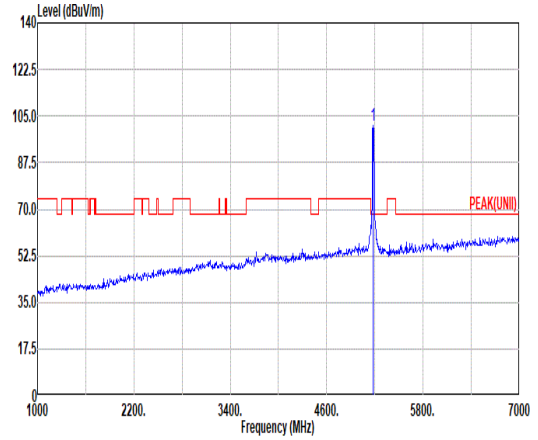
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

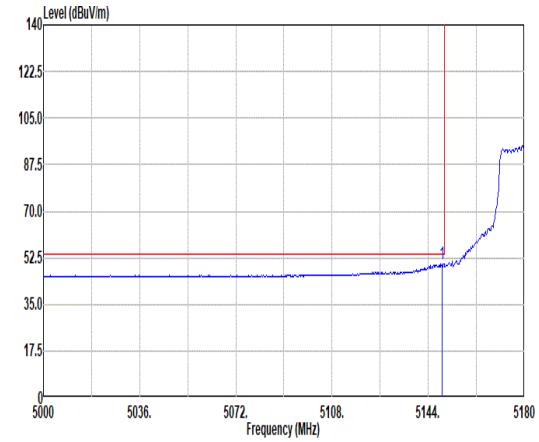
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.78	63.17	74.00	-10.83	48.38	33.00	11.18	29.39	0.00	100	178	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

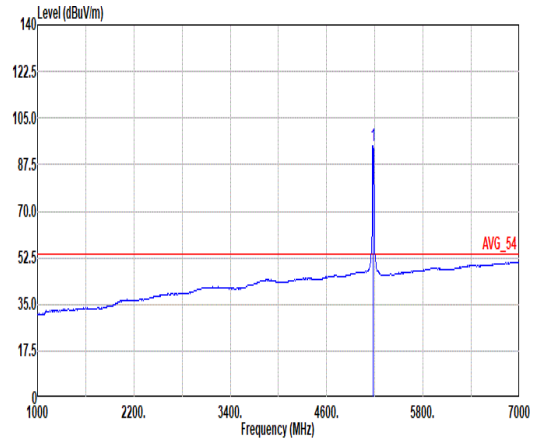
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	101.35	------	------	86.54	33.00	11.20	29.39	0.00	100	178	PEAK

Avg.



Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.22	50.17	54.00	-3.83	35.38	33.00	11.18	29.39	0.00	100	178	AVERAGE

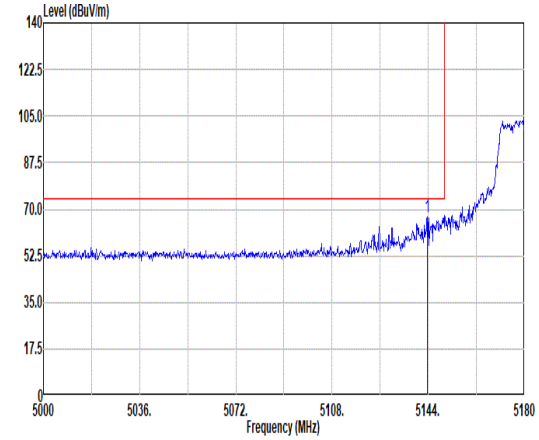


Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	94.73	------	------	79.91	33.00	11.21	29.39	0.00	100	178	AVERAGE

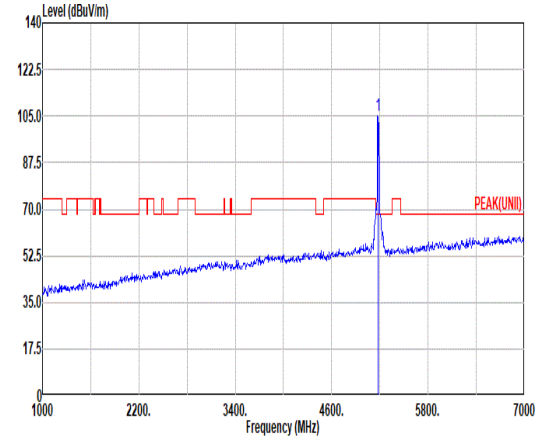
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

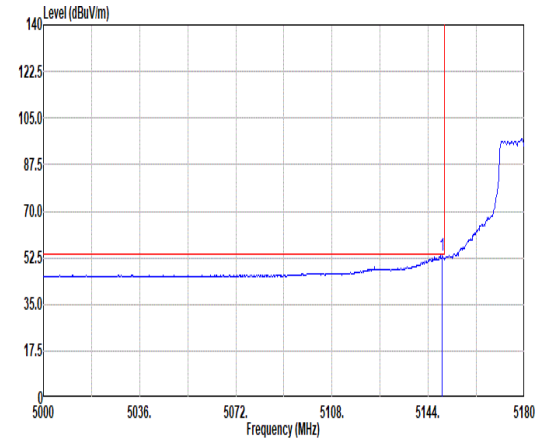
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5143.64	66.92	74.00	-7.08	52.15	32.99	11.17	29.39	0.00	183	284	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

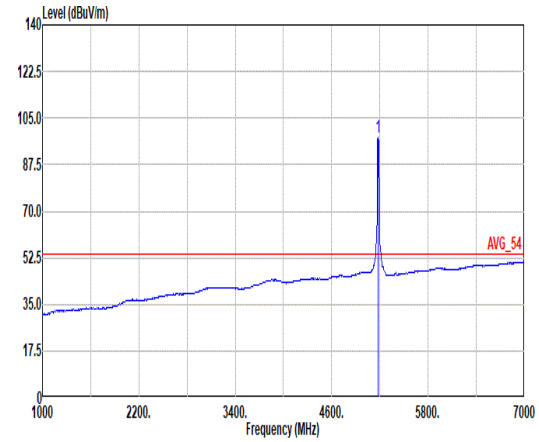
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	105.06	------	------	90.25	33.00	11.20	29.39	0.00	183	284	PEAK

Avg.



Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.22	53.31	54.00	-0.69	38.52	33.00	11.18	29.39	0.00	183	284	AVERAGE



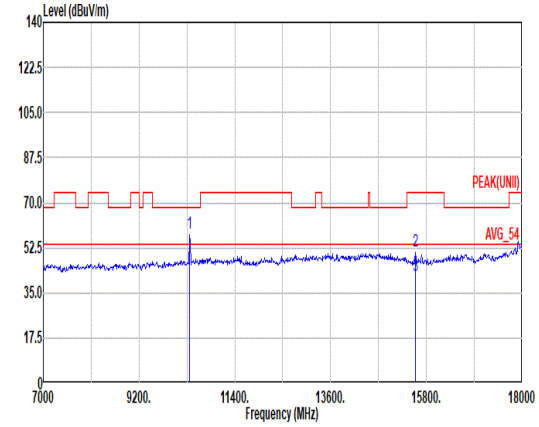
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	97.92	------	------	83.10	33.00	11.21	29.39	0.00	183	284	AVERAGE

Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

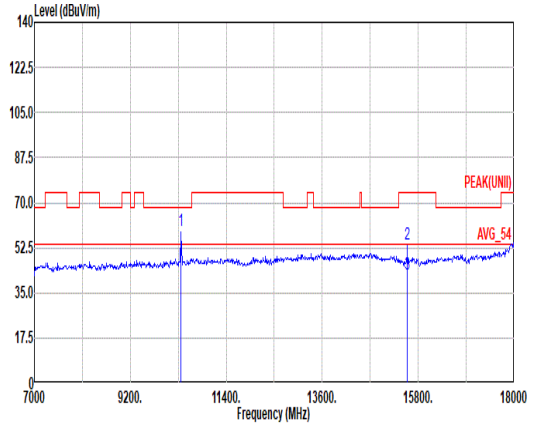
Peak

Avg.



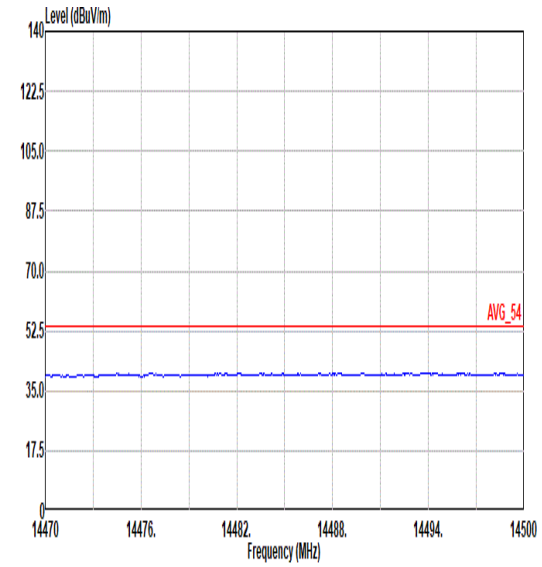
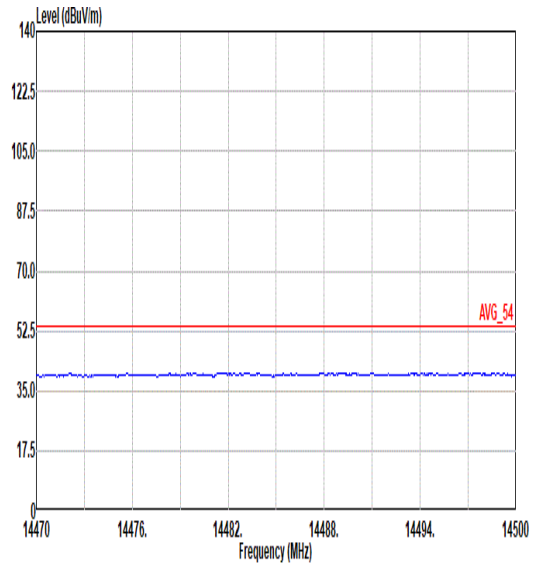
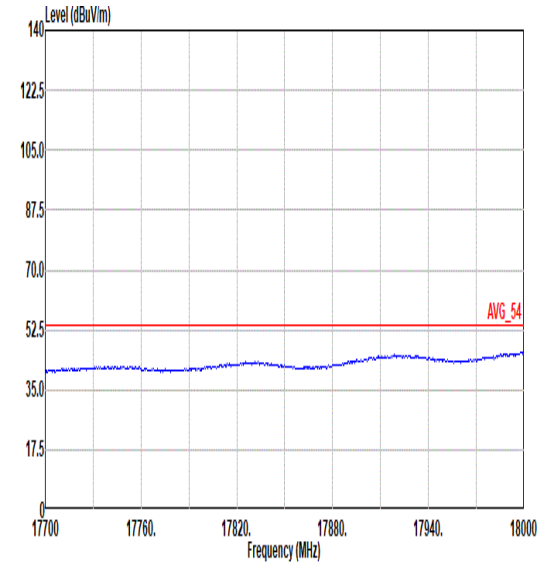
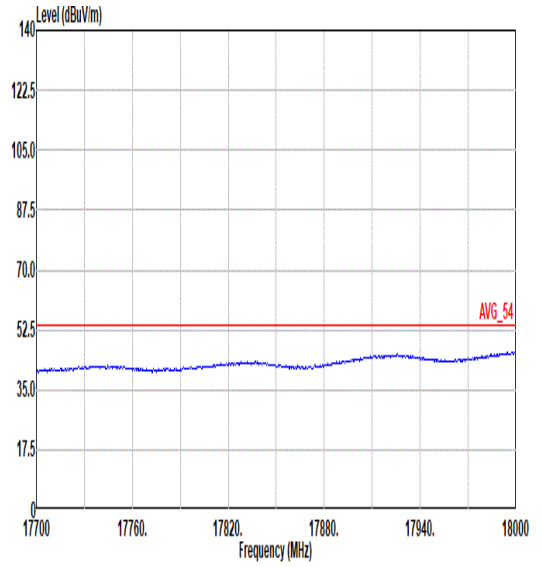
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10360.00	58.11	68.20	-10.09	69.78	38.60	15.81	66.53	0.45	300	226	PEAK
2	15540.00	51.02	74.00	-22.98	59.48	37.80	19.50	66.34	0.58	304	352	PEAK
3	15540.00	41.97	54.00	-12.03	50.43	37.80	19.50	66.34	0.58	304	352	AVERAGE



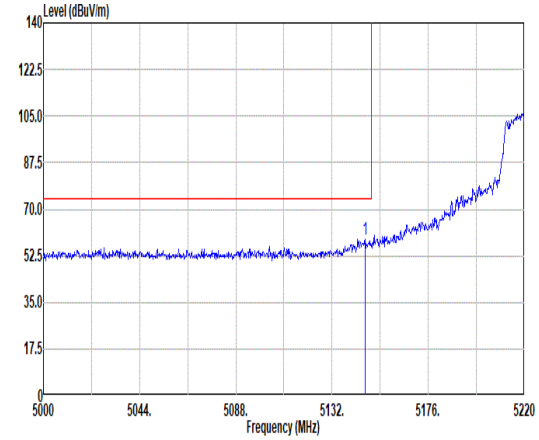
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10360.00	59.10	68.20	-9.10	70.77	38.60	15.81	66.53	0.45	100	138	PEAK
2	15540.00	53.69	74.00	-20.31	62.15	37.80	19.50	66.34	0.58	100	277	PEAK
3	15540.00	42.30	54.00	-11.70	50.76	37.80	19.50	66.34	0.58	100	277	AVERAGE

Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

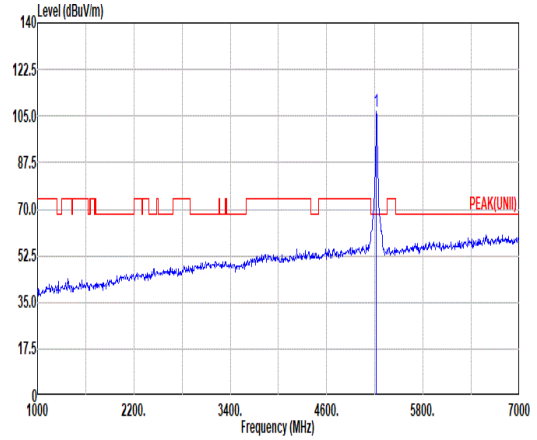
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

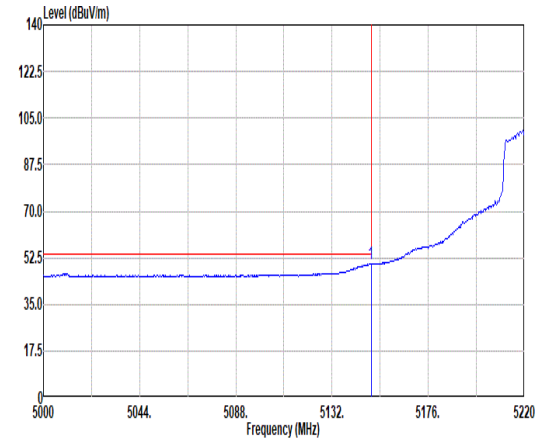
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.18	58.80	74.00	-15.20	44.02	32.99	11.18	29.39	0.00	100	175	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

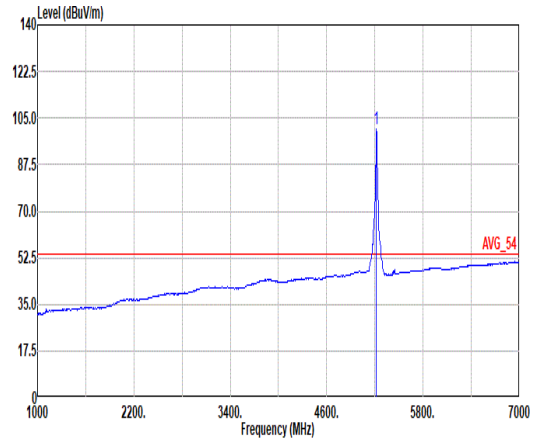
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	106.64	------	------	91.82	32.96	11.24	29.38	0.00	100	175	PEAK

Avg.



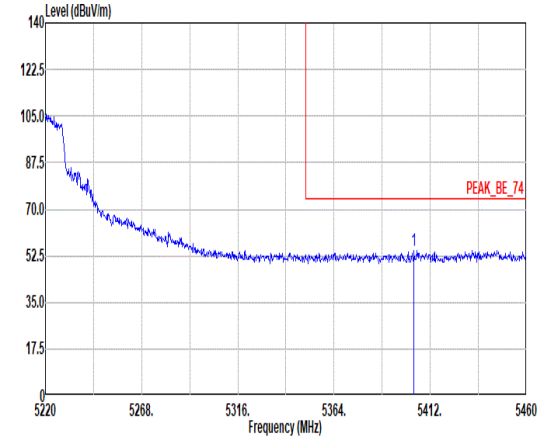
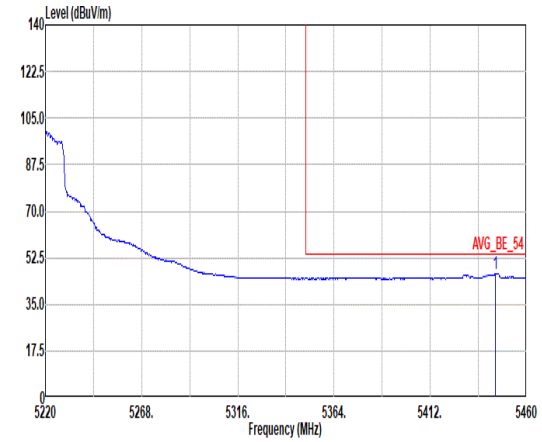
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.82	50.39	54.00	-3.61	35.60	33.00	11.18	29.39	0.00	100	175	AVERAGE



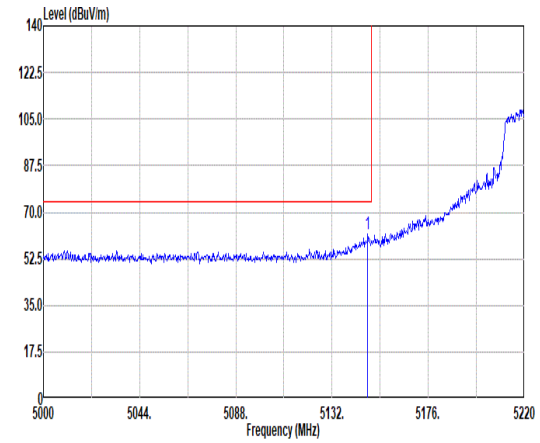
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	101.05	------	------	86.23	32.96	11.24	29.38	0.00	100	175	AVERAGE

Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5403.84 54.65 74.00 -19.35 39.80 32.80 11.41 29.36 0.00 100 175 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5444.64 46.65 54.00 -7.35 31.75 32.80 11.46 29.36 0.00 100 175 AVERAGE	Blank

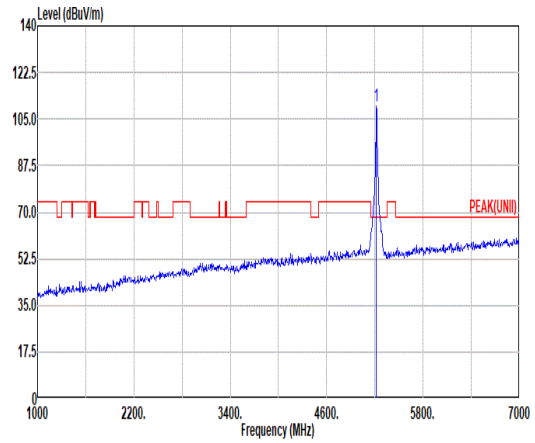
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

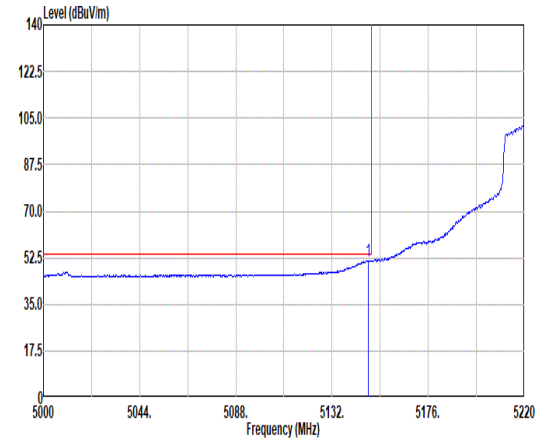
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.28	61.90	74.00	-12.10	47.11	33.00	11.18	29.39	0.00	200	282	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

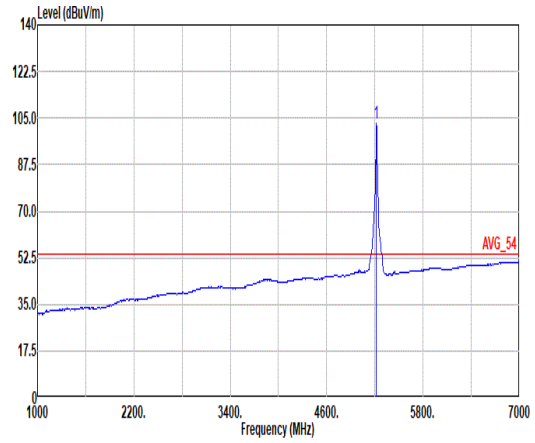
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	109.98	------	------	95.16	32.96	11.24	29.38	0.00	200	282	PEAK

Avg.



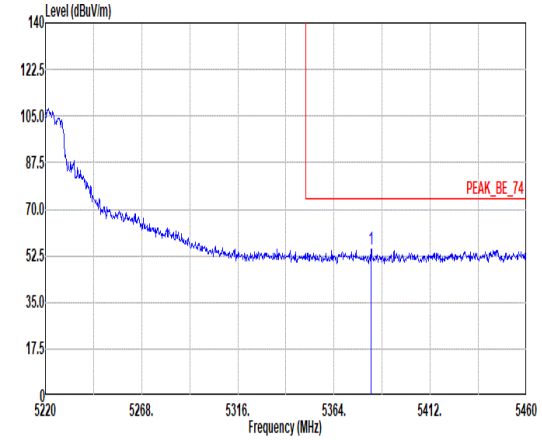
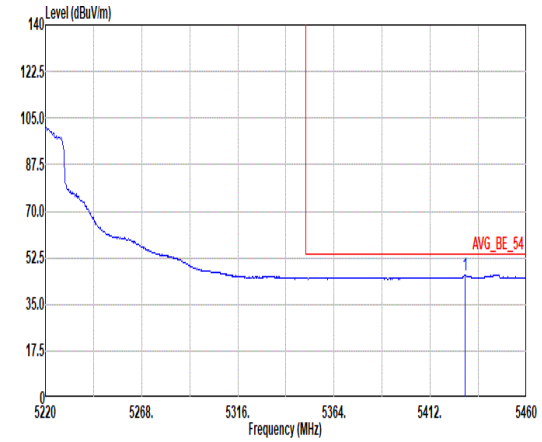
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.50	51.46	54.00	-2.54	36.67	33.00	11.18	29.39	0.00	200	282	AVERAGE



Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

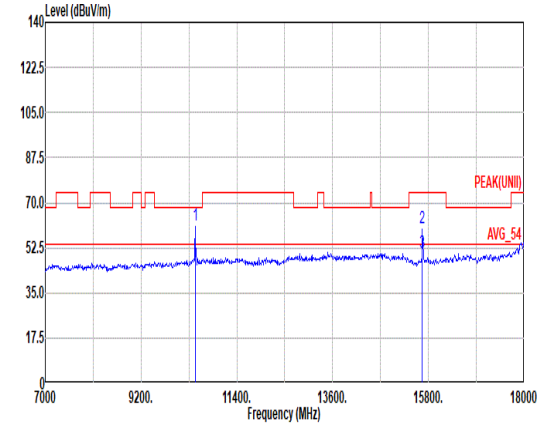
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	102.84	------	------	88.02	32.96	11.24	29.38	0.00	200	282	AVERAGE

Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	10+11	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5382.48 55.09 74.00 -18.91 40.26 32.80 11.39 29.36 0.00 200 282 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5429.28 46.22 54.00 -7.78 31.33 32.80 11.45 29.36 0.00 200 282 AVERAGE	Blank

Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

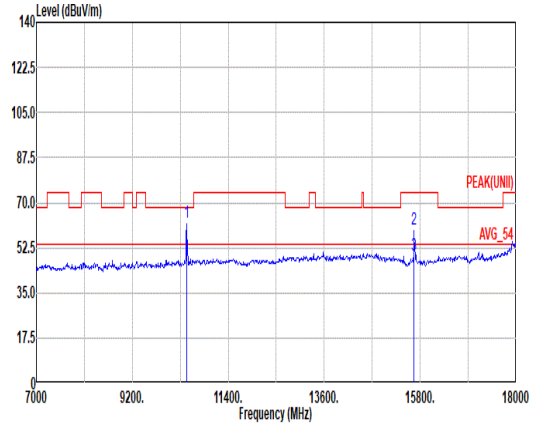
Peak

Avg.



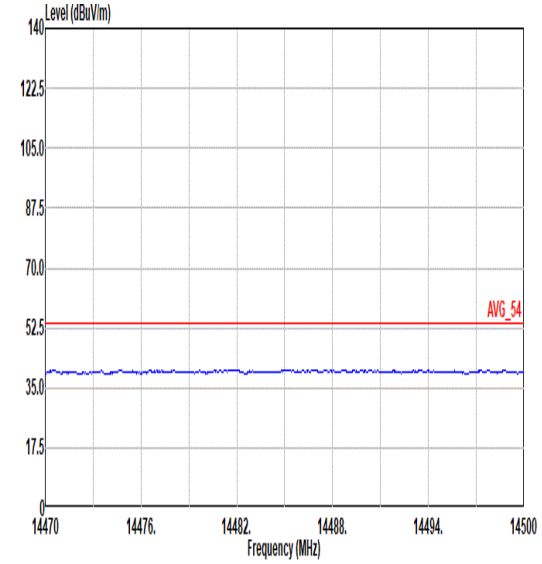
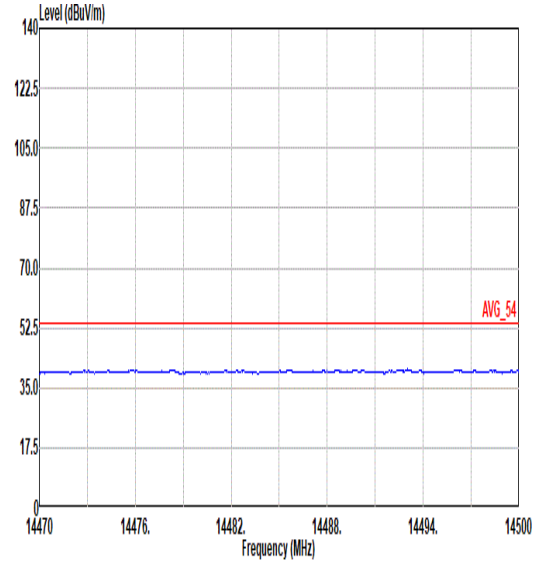
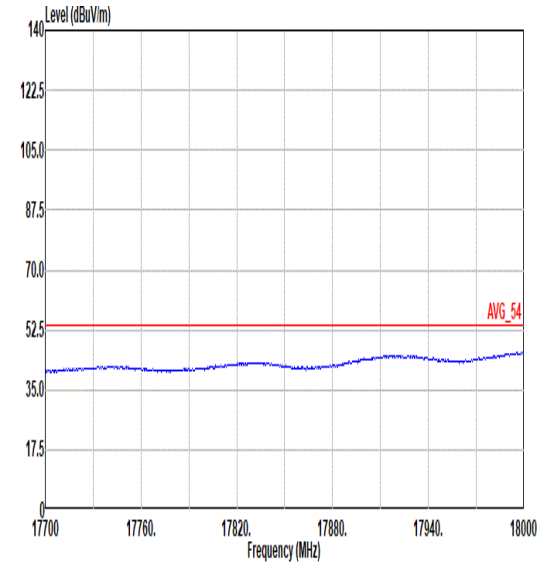
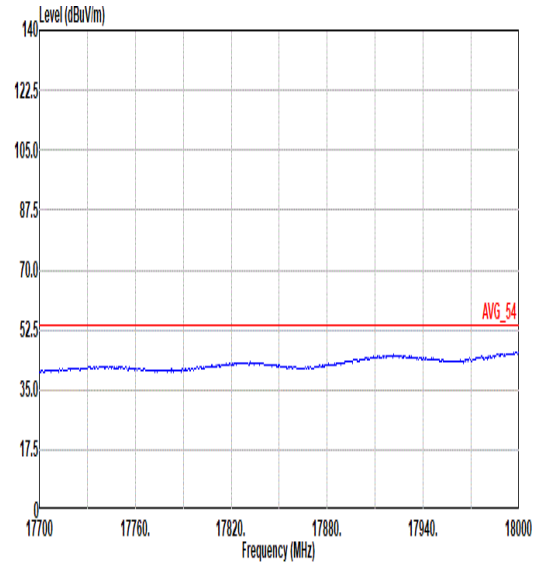
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10440.00	61.44	68.20	-6.76	73.07	38.52	15.87	66.47	0.45	196	330	PEAK
2	15660.00	60.35	74.00	-13.65	68.88	37.72	19.55	66.39	0.59	300	84	PEAK
3	15660.00	50.67	54.00	-3.33	59.20	37.72	19.55	66.39	0.59	300	84	AVERAGE



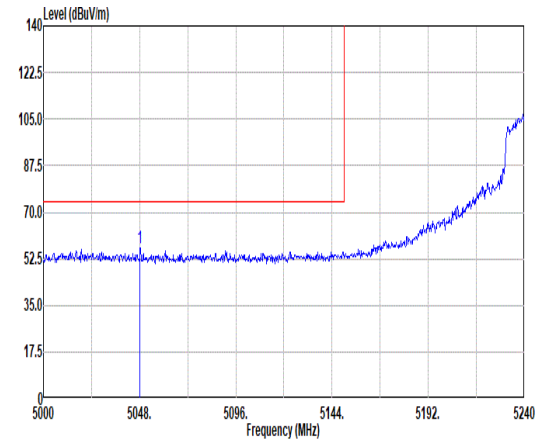
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10440.00	62.49	68.20	-5.71	74.12	38.52	15.87	66.47	0.45	196	34	PEAK
2	15660.00	59.61	74.00	-14.39	68.14	37.72	19.55	66.39	0.59	299	247	PEAK
3	15660.00	49.81	54.00	-4.19	58.34	37.72	19.55	66.39	0.59	299	247	AVERAGE

Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

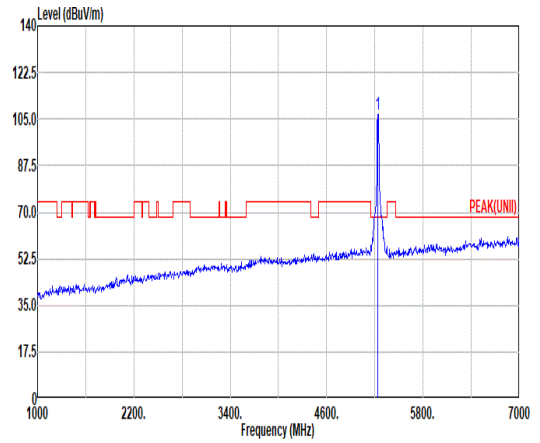
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

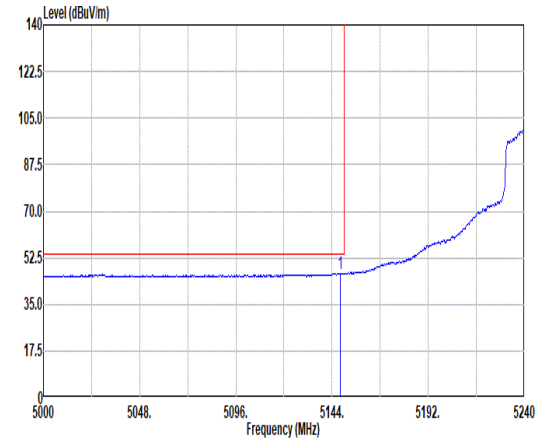
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5048.24	56.44	74.00	-17.56	41.83	32.91	11.10	29.40	0.00	100	177	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

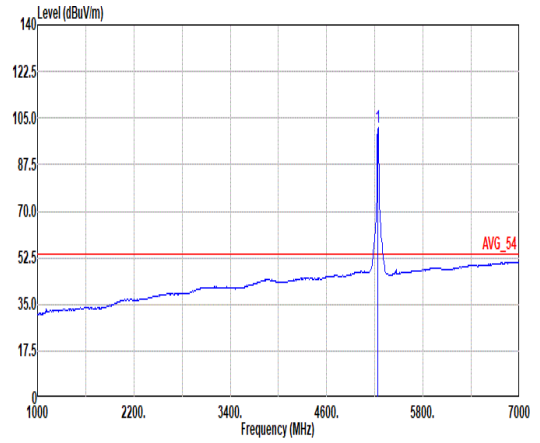
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	106.90	------	------	92.10	32.92	11.26	29.38	0.00	100	177	PEAK

Avg.



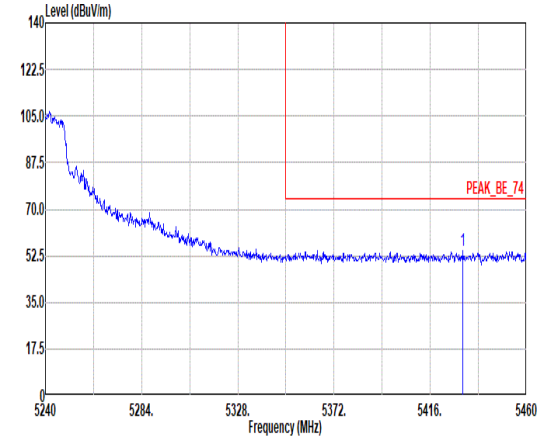
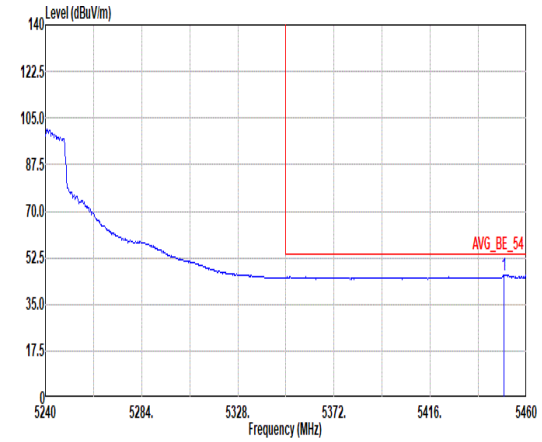
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.08	46.61	54.00	-7.39	31.82	33.00	11.18	29.39	0.00	100	177	AVERAGE



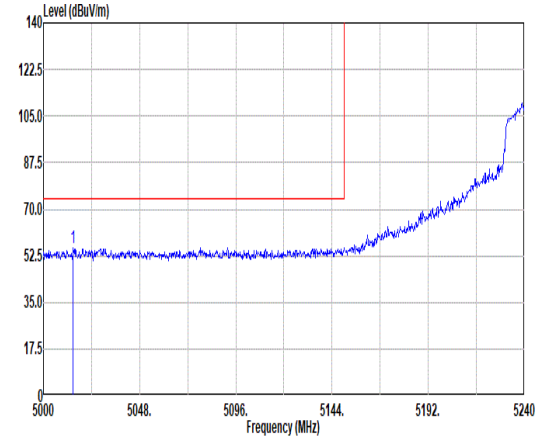
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	101.31	------	------	86.51	32.92	11.26	29.38	0.00	100	177	AVERAGE

Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5430.96 54.48 74.00 -19.52 39.59 32.80 11.45 29.36 0.00 100 177 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5449.66 46.21 54.00 -7.79 31.30 32.80 11.47 29.36 0.00 100 177 AVERAGE	Blank

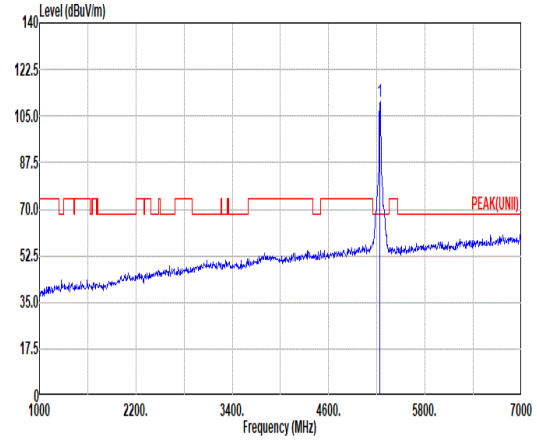
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

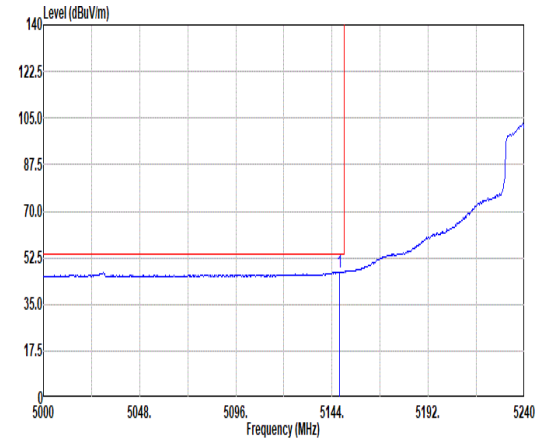
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5014.88	55.58	74.00	-18.42	40.88	33.04	11.07	29.41	0.00	183	285	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

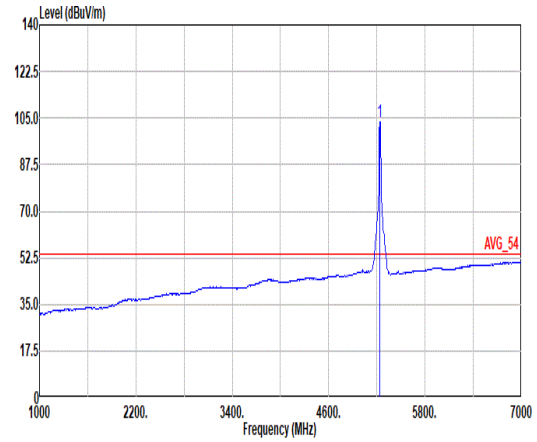
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	110.40	------	------	95.60	32.92	11.26	29.38	0.00	183	285	PEAK

Avg.



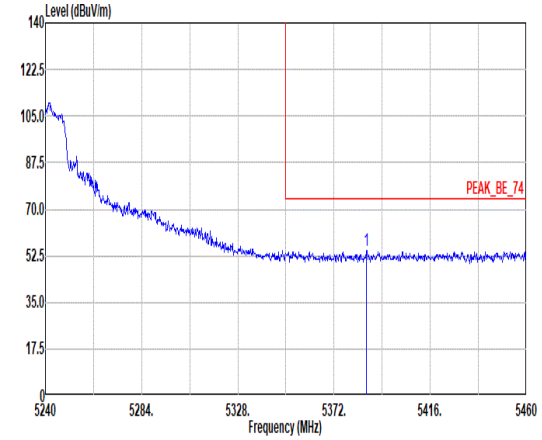
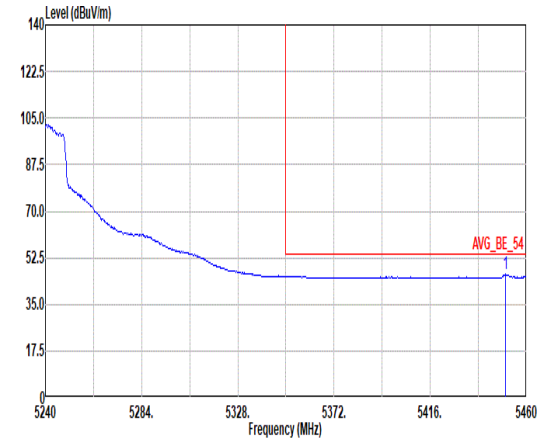
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.60	47.22	54.00	-6.78	32.43	33.00	11.18	29.39	0.00	183	285	AVERAGE



Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

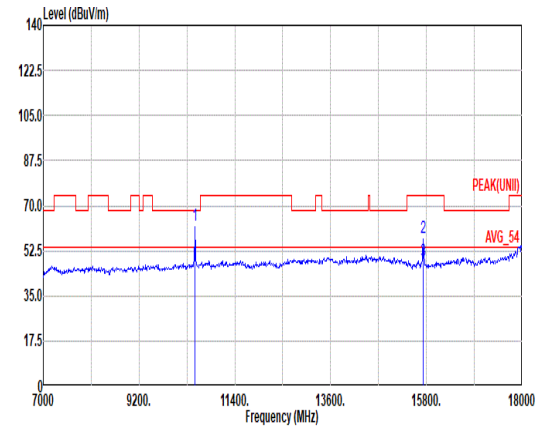
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	103.38	------	------	88.58	32.92	11.26	29.38	0.00	183	285	AVERAGE

Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	10+11	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5386.96 54.59 74.00 -19.41 39.75 32.80 11.40 29.36 0.00 183 285 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5450.32 46.26 54.00 -7.74 31.35 32.80 11.47 29.36 0.00 183 285 AVERAGE	Blank

Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

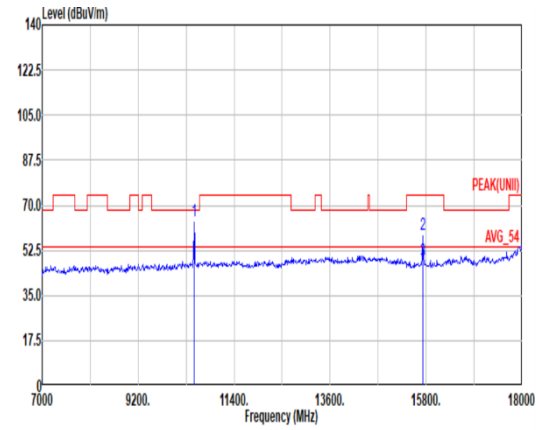
Peak

Avg.



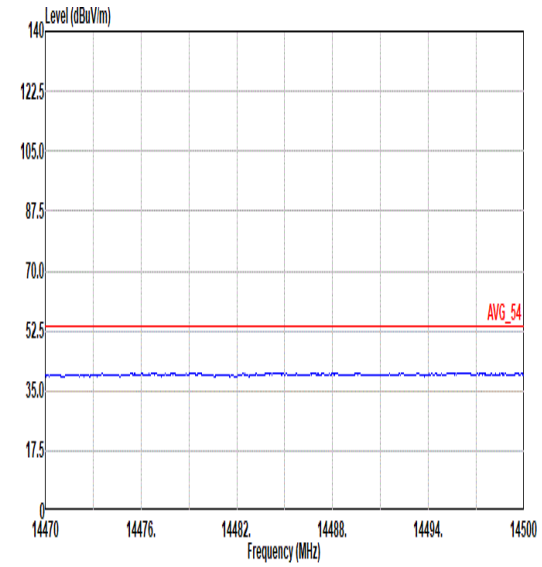
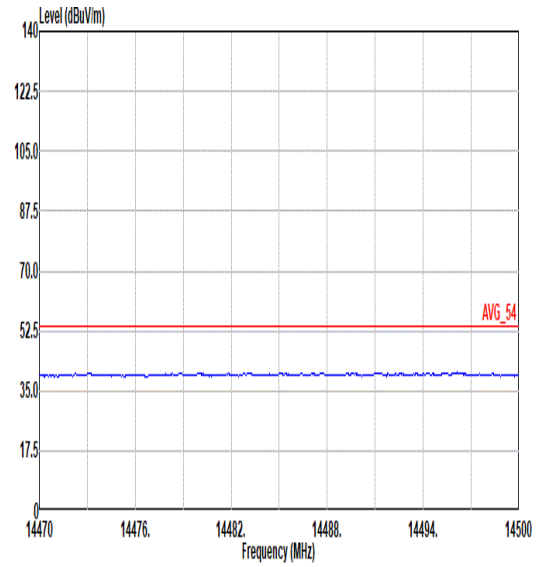
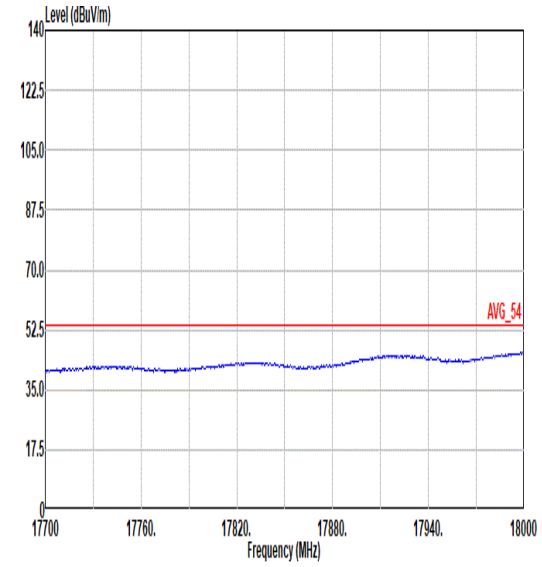
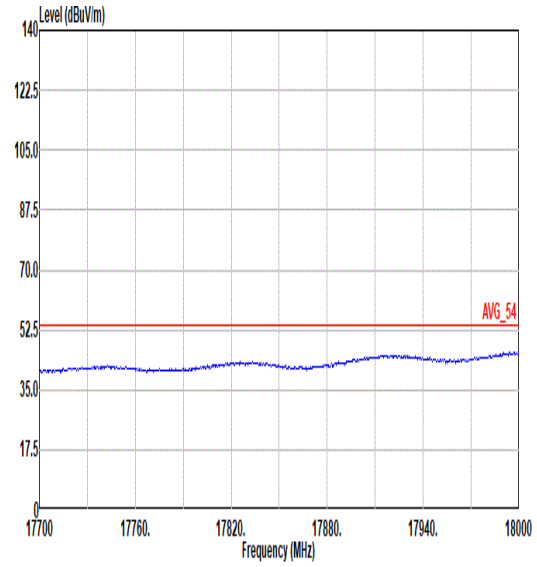
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	62.52	68.20	-5.68	74.17	38.44	15.90	66.44	0.45	382	138	PEAK
2	15720.00	57.55	74.00	-16.45	66.04	37.76	19.57	66.42	0.60	100	21	PEAK
3	15720.00	48.49	54.00	-5.51	56.98	37.76	19.57	66.42	0.60	100	21	AVERAGE



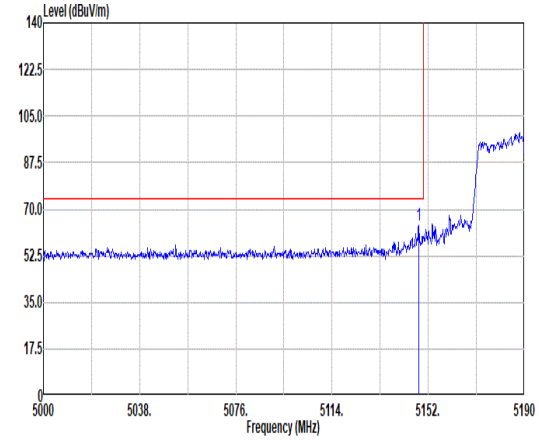
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10480.00	64.13	68.20	-4.07	75.78	38.44	15.90	66.44	0.45	368	79	PEAK
2	15720.00	58.87	74.00	-15.13	67.36	37.76	19.57	66.42	0.60	100	252	PEAK
3	15720.00	48.79	54.00	-5.21	57.28	37.76	19.57	66.42	0.60	100	252	AVERAGE

Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

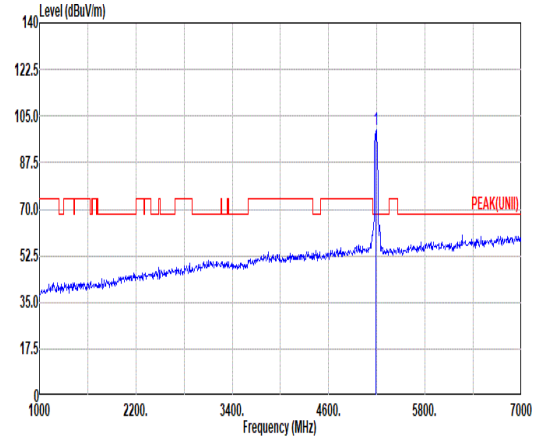
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

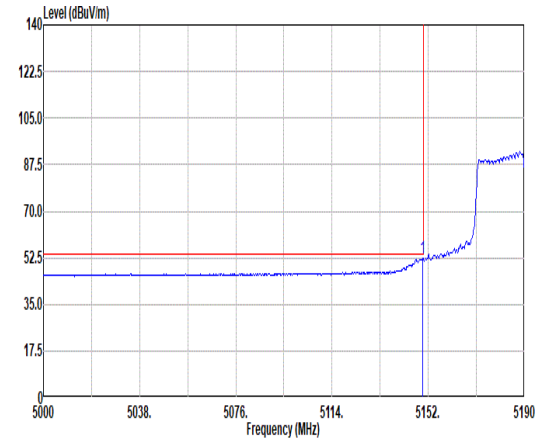
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.39	64.17	74.00	-9.83	49.38	33.00	11.18	29.39	0.00	139	183	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

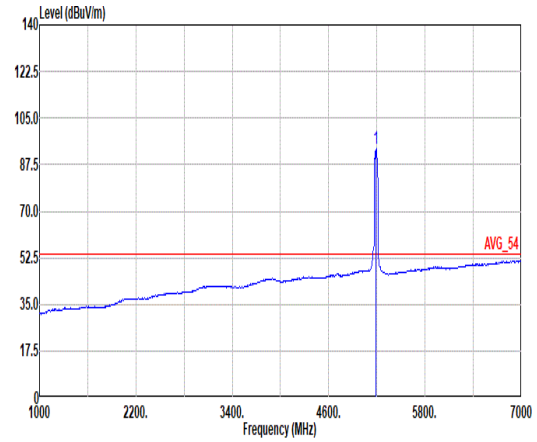
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	99.81	------	------	84.98	33.00	11.22	29.39	0.00	139	183	PEAK

Avg.



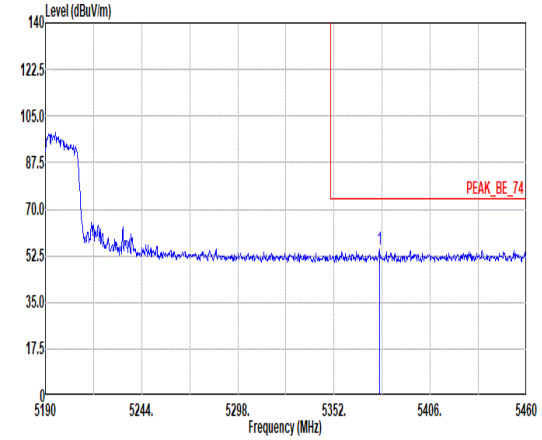
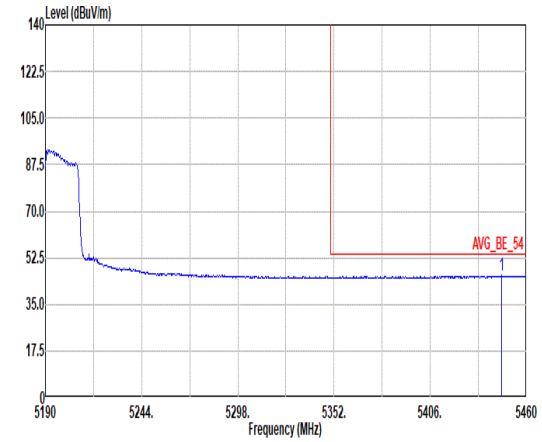
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.91	52.39	54.00	-1.61	37.60	33.00	11.18	29.39	0.00	139	183	AVERAGE



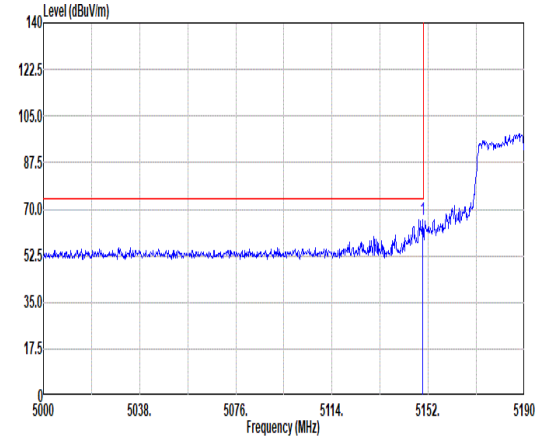
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	93.76	------	------	78.93	33.00	11.22	29.39	0.00	139	183	AVERAGE

Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5377.65 54.95 74.00 -19.05 40.12 32.80 11.39 29.36 0.00 139 183 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5446.23 45.79 54.00 -8.21 30.88 32.80 11.47 29.36 0.00 139 183 AVERAGE	Blank

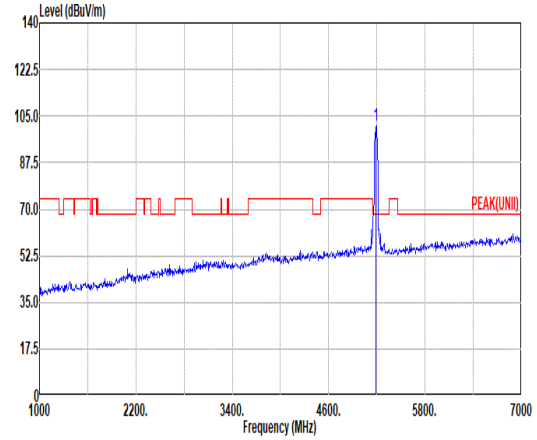
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

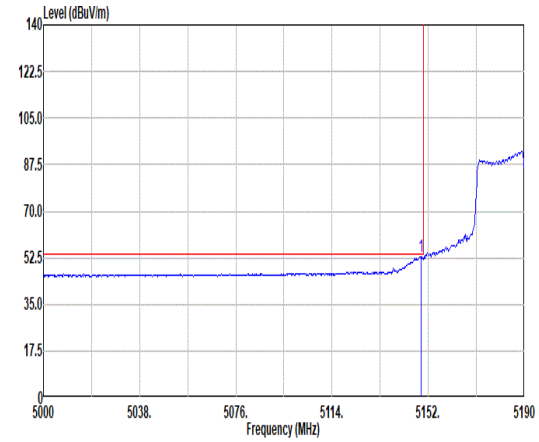
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.91	66.09	74.00	-7.91	51.30	33.00	11.18	29.39	0.00	170	285	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

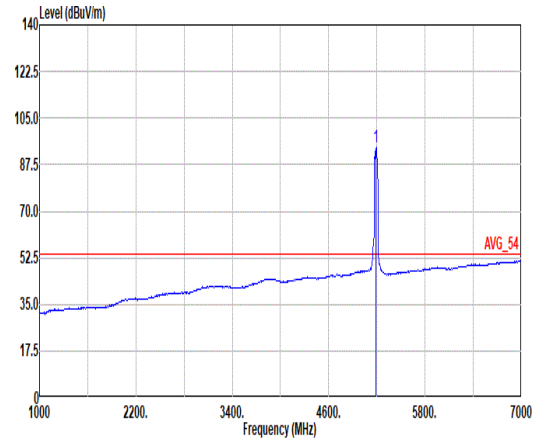
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	101.37	------	------	86.54	33.00	11.22	29.39	0.00	170	285	PEAK

Avg.



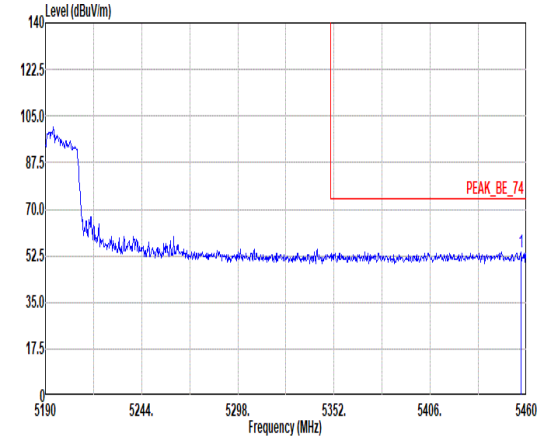
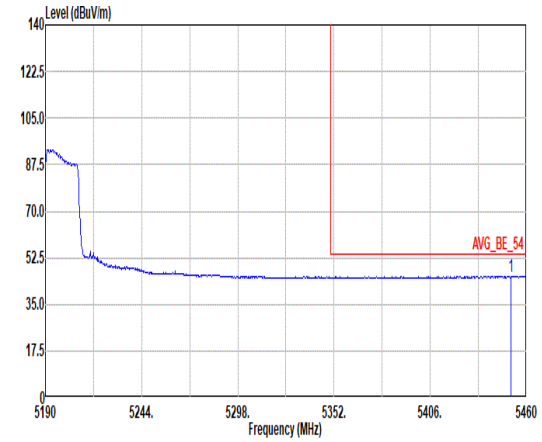
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.15	53.02	54.00	-0.98	38.23	33.00	11.18	29.39	0.00	170	285	AVERAGE



Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

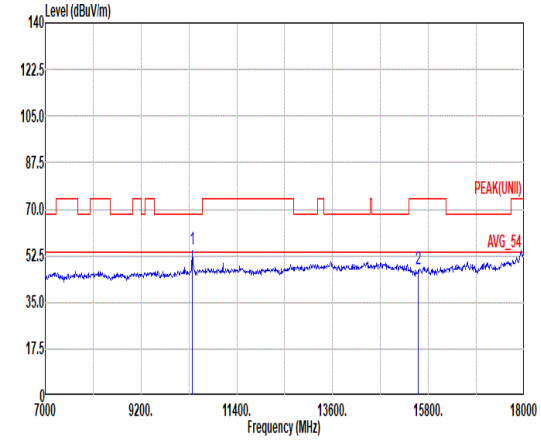
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	94.06	------	------	79.23	33.00	11.22	29.39	0.00	170	285	AVERAGE

Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	10+11	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.76 53.90 74.00 -20.10 38.98 32.80 11.48 29.36 0.00 170 285 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5451.36 45.67 54.00 -8.33 30.76 32.80 11.47 29.36 0.00 170 285 AVERAGE	Blank

Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

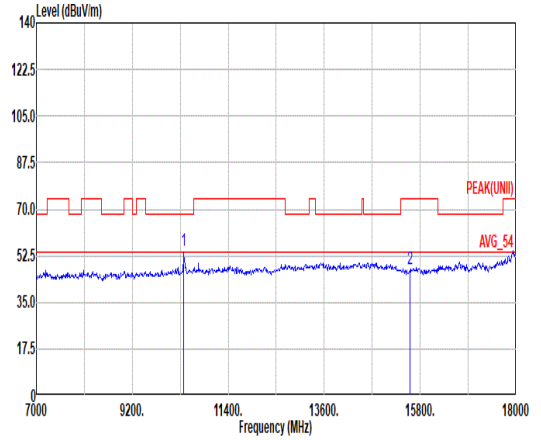
Peak

Avg.



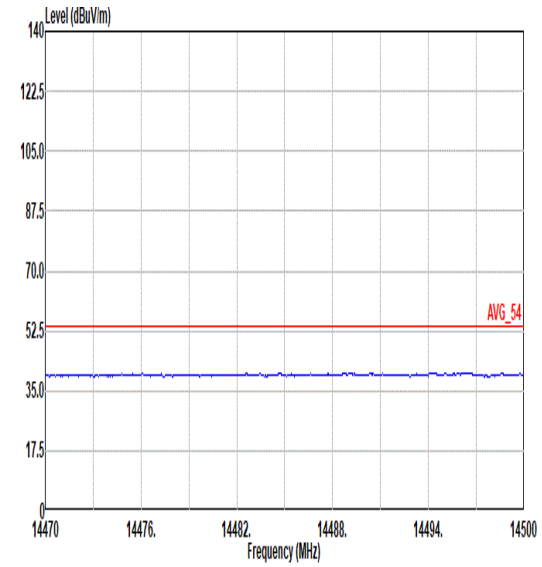
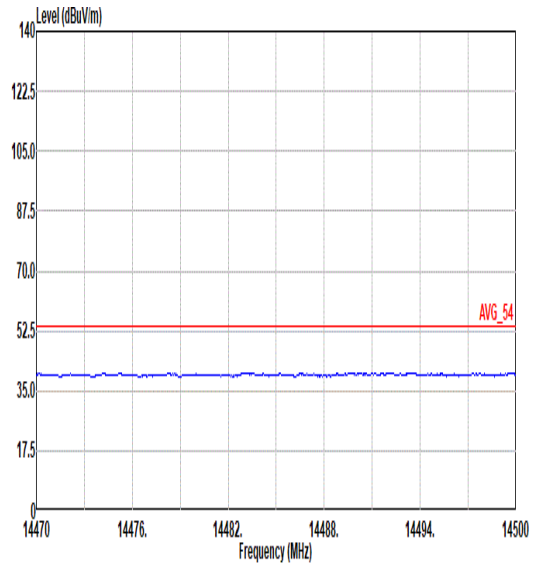
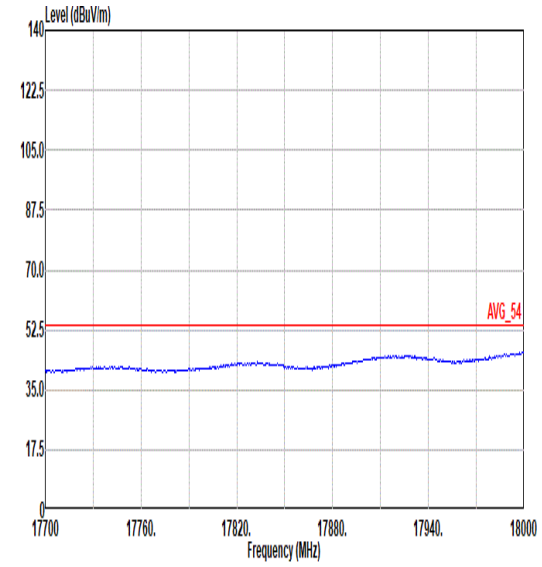
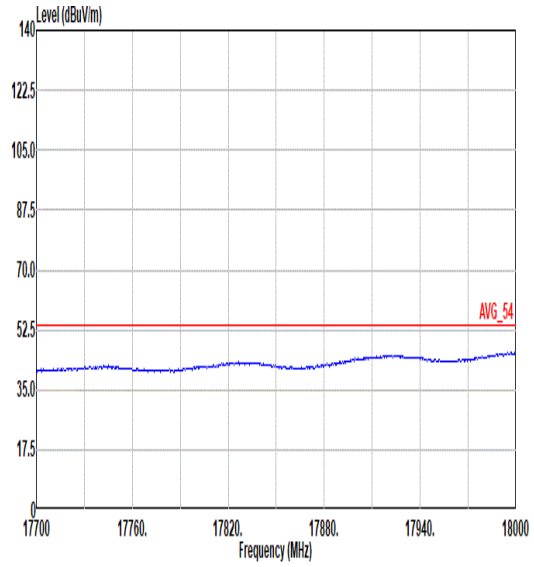
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10380.00	54.83	68.20	-13.37	66.48	38.60	15.82	66.52	0.45	199	330	PEAK
2	15570.00	47.58	74.00	-26.42	56.00	37.84	19.51	66.35	0.58	--	--	PEAK



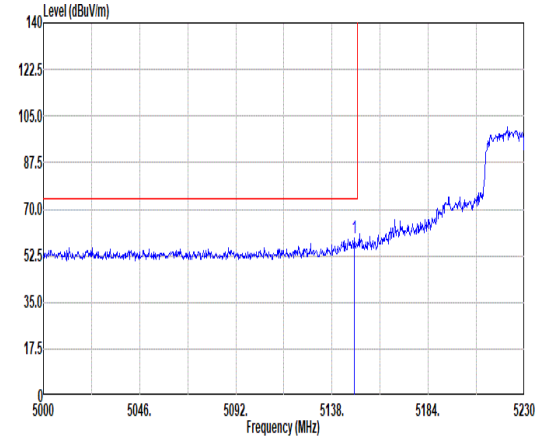
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10380.00	54.44	68.20	-13.76	66.09	38.60	15.82	66.52	0.45	296	235	PEAK
2	15570.00	47.40	74.00	-26.60	55.82	37.84	19.51	66.35	0.58	--	--	PEAK

Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

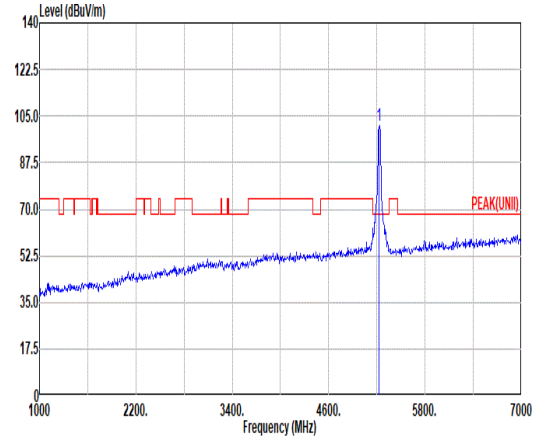
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

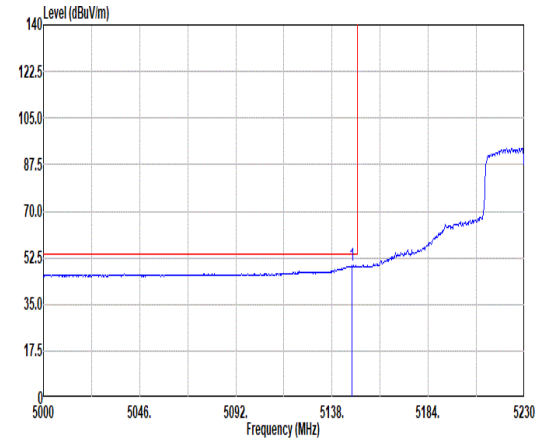
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.81	58.95	74.00	-15.05	44.16	33.00	11.18	29.39	0.00	100	171	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

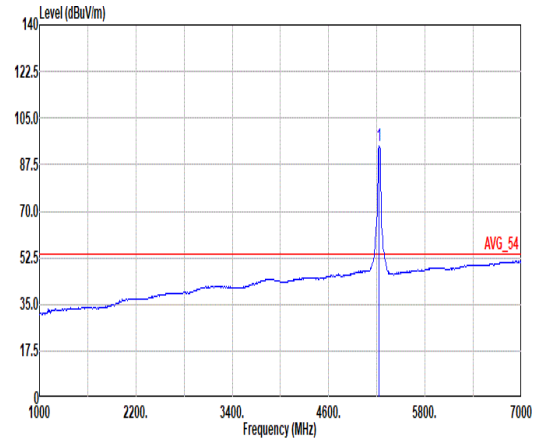
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	101.48	------	------	86.68	32.93	11.25	29.38	0.00	100	171	PEAK

Avg.



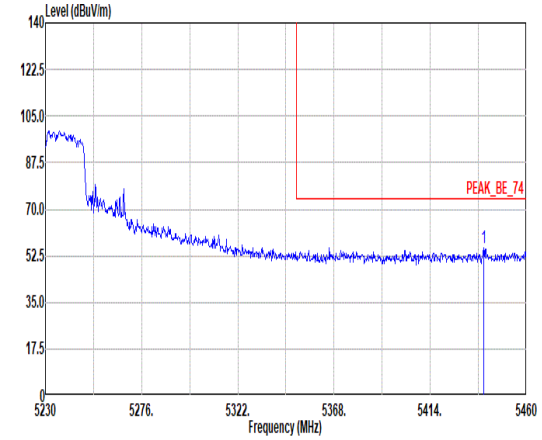
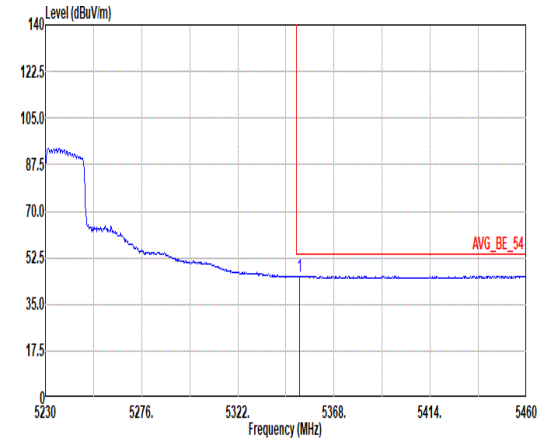
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.66	49.64	54.00	-4.36	34.85	33.00	11.18	29.39	0.00	100	171	AVERAGE



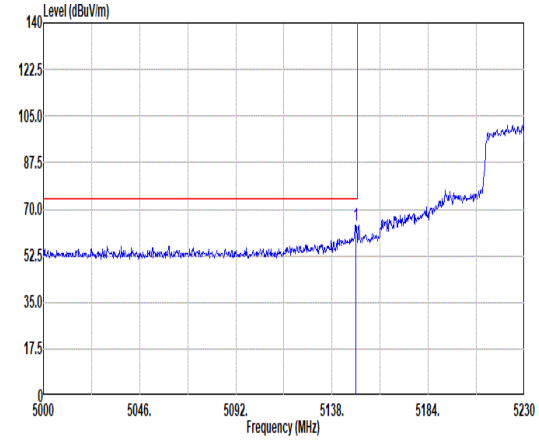
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	94.39	------	------	79.58	32.94	11.25	29.38	0.00	100	171	AVERAGE

Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5439.53 55.46 74.00 -18.54 40.56 32.80 11.46 29.36 0.00 100 171 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.67 45.64 54.00 -8.36 30.85 32.80 11.36 29.37 0.00 100 171 AVERAGE	Blank

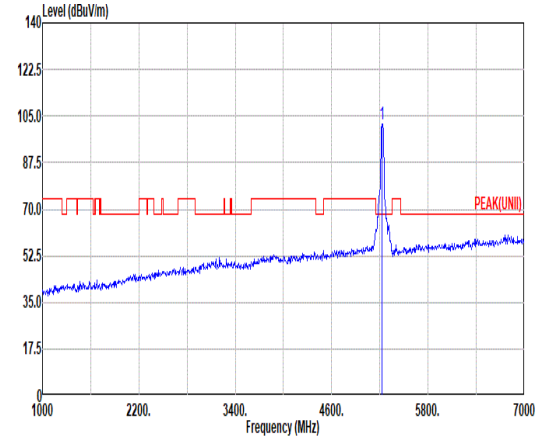
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

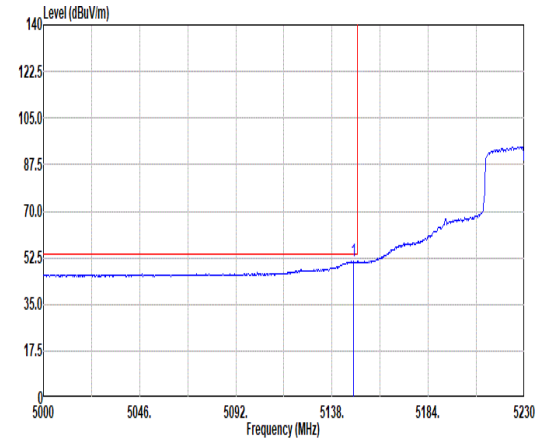
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.27	63.76	74.00	-10.24	48.97	33.00	11.18	29.39	0.00	155	280	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

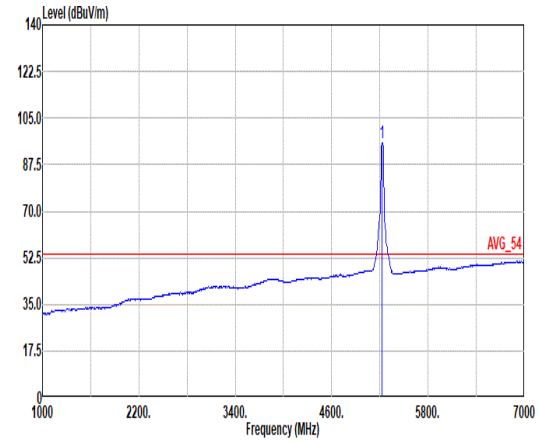
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	102.20	------	------	87.39	32.95	11.24	29.38	0.00	155	280	PEAK

Avg.



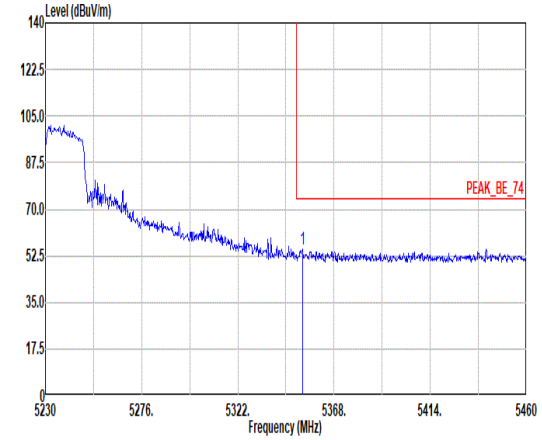
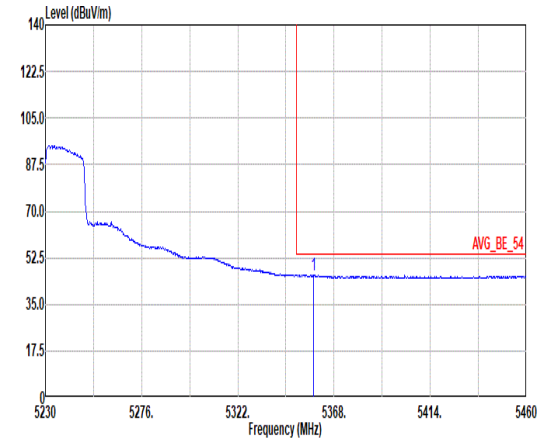
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5148.12	51.07	54.00	-2.93	36.28	33.00	11.18	29.39	0.00	155	280	AVERAGE



Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

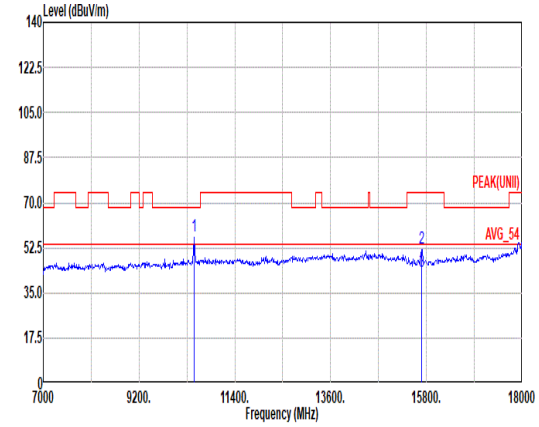
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	95.42	------	------	80.61	32.94	11.25	29.38	0.00	155	280	AVERAGE

Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	10+11	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.82 55.16 74.00 -18.84 40.36 32.80 11.37 29.37 0.00 155 280 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:1.600kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5358.11 45.94 54.00 -8.06 31.14 32.80 11.37 29.37 0.00 155 280 AVERAGE	Blank

Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

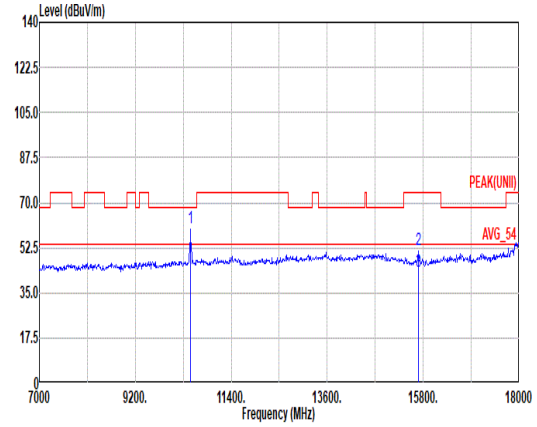
Peak

Avg.



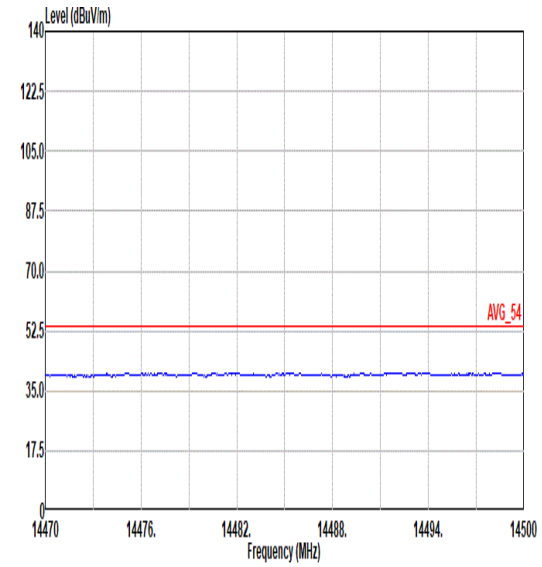
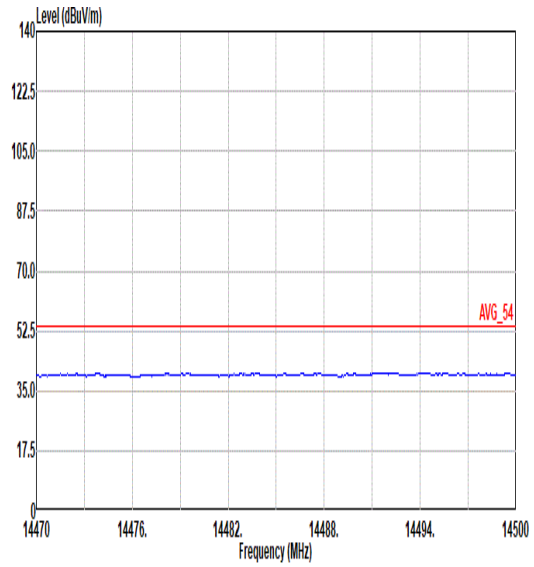
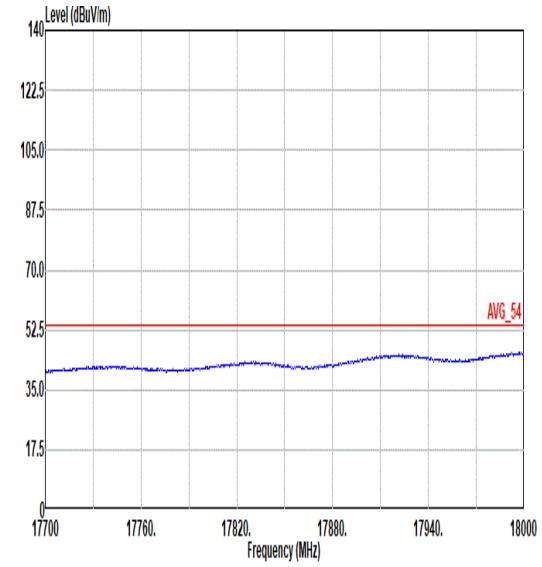
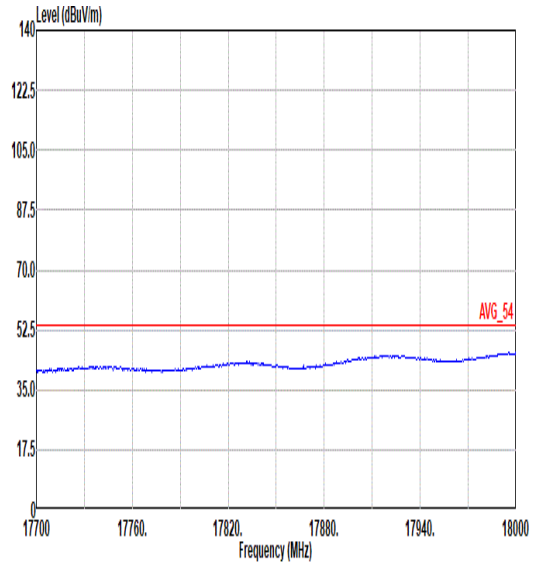
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10460.00	57.27	68.20	-10.93	68.91	38.48	15.88	66.45	0.45	394	141	PEAK
2	15690.00	52.42	74.00	-21.58	60.89	37.78	19.56	66.41	0.60	302	312	PEAK
3	15690.00	43.52	54.00	-10.48	51.99	37.78	19.56	66.41	0.60	302	312	AVERAGE



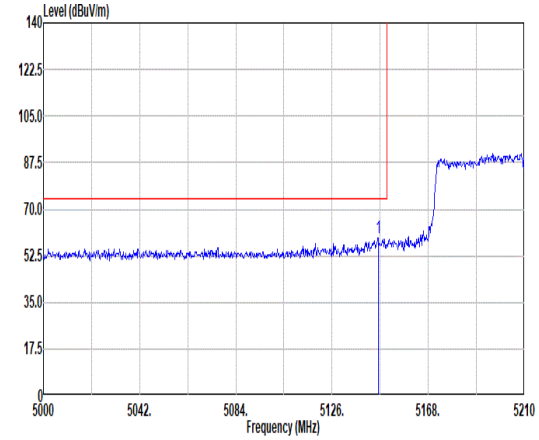
Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL

	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	10460.00	60.25	68.20	-7.95	71.89	38.48	15.88	66.45	0.45	400	81	PEAK
2	15690.00	51.78	74.00	-22.22	60.25	37.78	19.56	66.41	0.60	100	345	PEAK
3	15690.00	43.44	54.00	-10.56	51.91	37.78	19.56	66.41	0.60	100	345	AVERAGE

Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	10+11	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
17.7G ~18G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_240328 VERTICAL

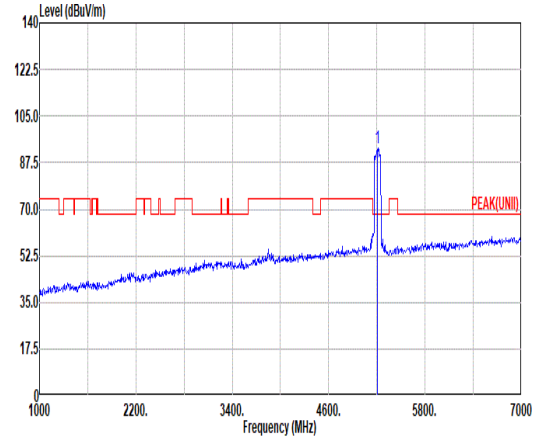
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

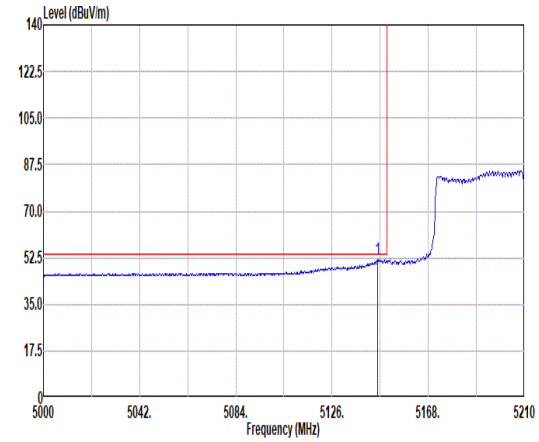
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5146.16	59.21	74.00	-14.79	44.43	32.99	11.18	29.39	0.00	100	164	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

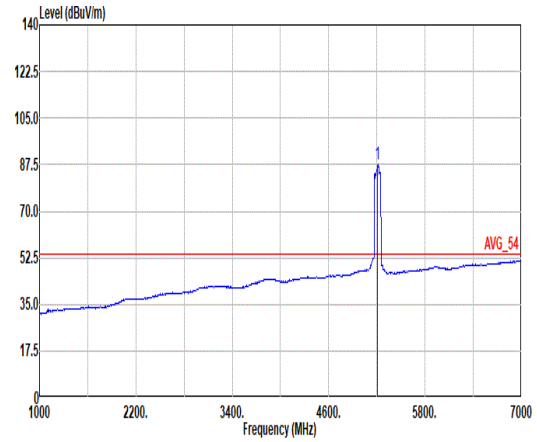
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	93.23	------	------	78.41	32.96	11.24	29.38	0.00	100	164	PEAK

Avg.



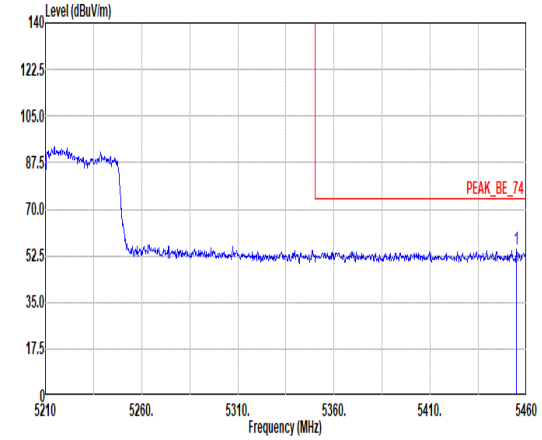
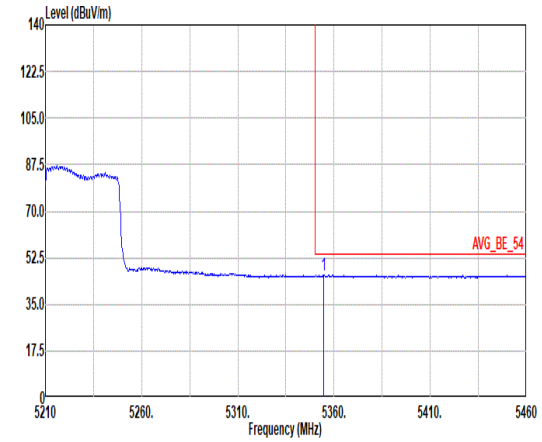
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:1.800kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5145.95	51.71	54.00	-2.29	36.93	32.99	11.18	29.39	0.00	100	164	AVERAGE



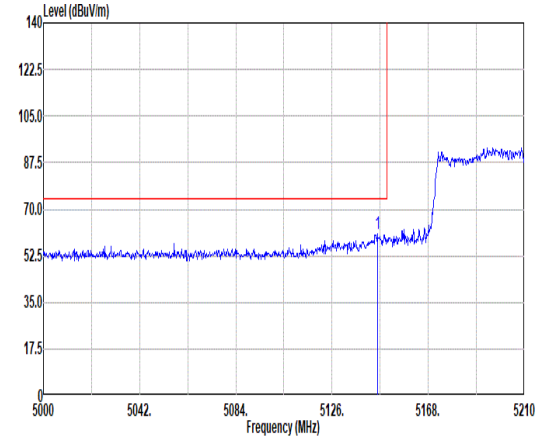
Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL
: RBW:1000.000kHz VBW:1.800kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	87.79	------	------	72.97	32.96	11.24	29.38	0.00	100	164	AVERAGE

Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	10+11	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5454.75 55.01 74.00 -18.99 40.09 32.80 11.48 29.36 0.00 100 164 PEAK	Blank
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:1.800kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5354.75 45.83 54.00 -8.17 31.03 32.80 11.37 29.37 0.00 100 164 AVERAGE	Blank

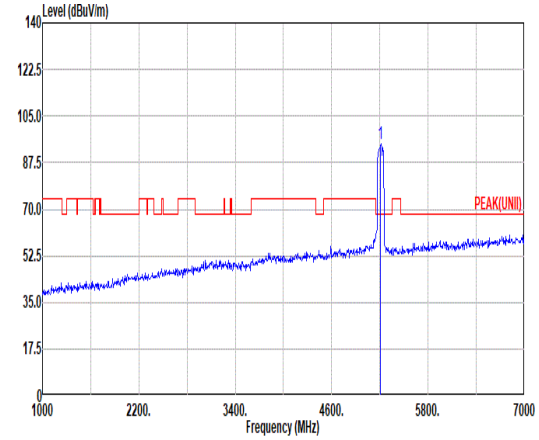
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	10+11	
Pol.	Vertical	Fundamental

Peak



Site : 03CH16-HY
Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

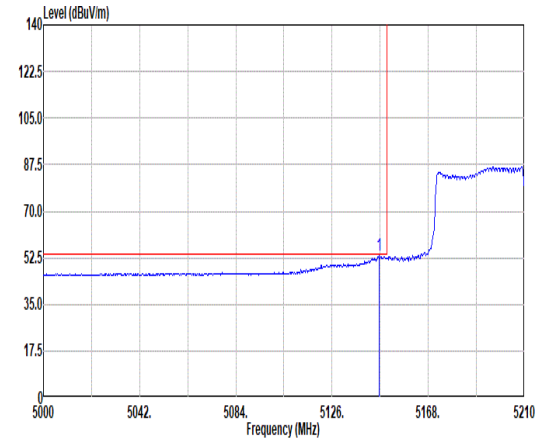
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5145.74	60.67	74.00	-13.33	45.89	32.99	11.18	29.39	0.00	253	292	PEAK



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

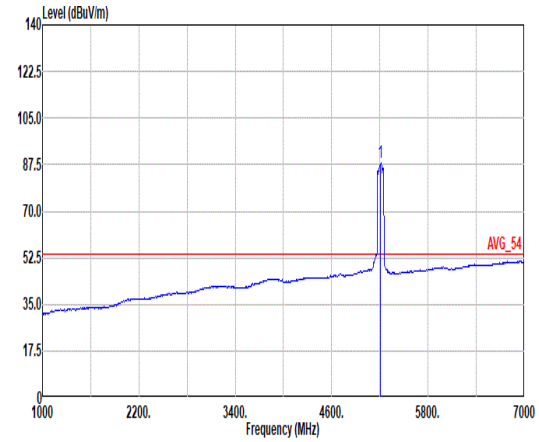
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	94.63	------	------	79.80	32.98	11.23	29.38	0.00	253	292	PEAK

Avg.



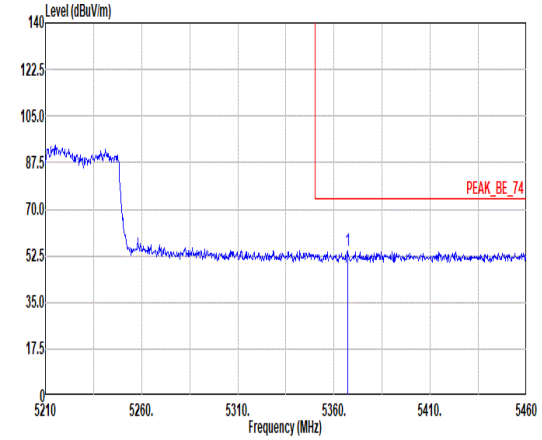
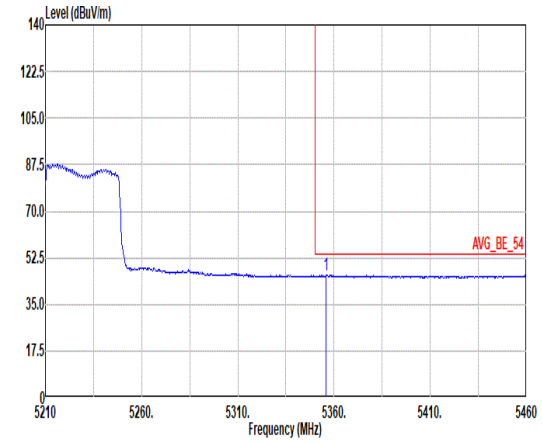
Site : 03CH16-HY
Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:1.800kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5146.58	53.25	54.00	-0.75	38.47	32.99	11.18	29.39	0.00	253	292	AVERAGE



Site : 03CH16-HY
Condition: AVG_54 3m 9120D-1522_240328 VERTICAL
: RBW:1000.000kHz VBW:1.800kHz SWT:Auto

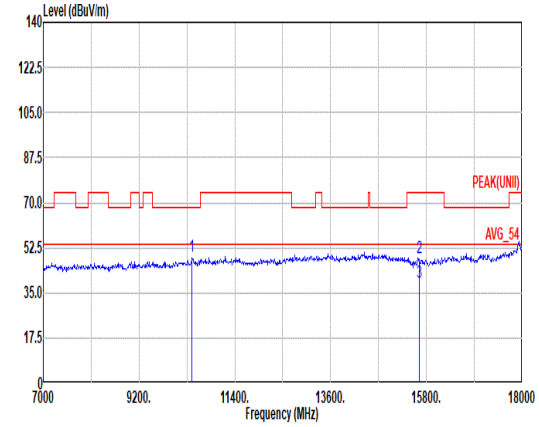
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	88.13	------	------	73.30	32.98	11.23	29.38	0.00	253	292	AVERAGE

Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	10+11	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5367.00 54.23 74.00 -19.77 39.42 32.80 11.38 29.37 0.00 253 292 PEAK	**Blank**
Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL : RBW:1000.000kHz VBW:1.800kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5355.75 46.07 54.00 -7.93 31.27 32.80 11.37 29.37 0.00 253 292 AVERAGE	**Blank**

Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	10+11	
Pol.	Horizontal	Vertical

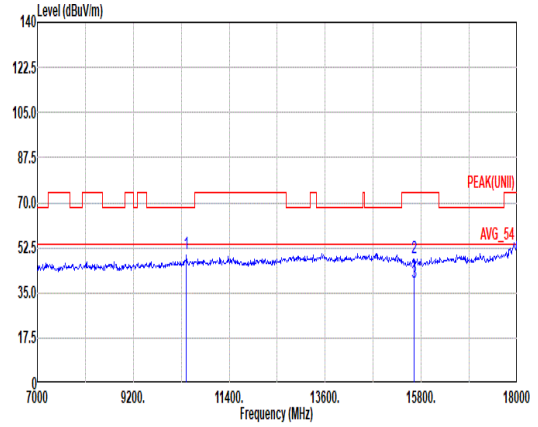
Peak

Avg.



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10420.00	49.00	68.20	-19.20	60.62	38.56	15.85	66.48	0.45	194	327	PEAK
2	15630.00	48.47	74.00	-25.53	56.95	37.78	19.53	66.38	0.59	307	89	PEAK
3	15630.00	39.06	54.00	-14.94	47.54	37.78	19.53	66.38	0.59	307	89	AVERAGE



Site : 03CH16-HY
Condition: PEAK(UNII) 3m 9120D-1522_240328 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	10420.00	50.22	68.20	-17.98	61.84	38.56	15.85	66.48	0.45	347	78	PEAK
2	15630.00	48.65	74.00	-25.35	57.13	37.78	19.53	66.38	0.59	312	131	PEAK
3	15630.00	39.07	54.00	-14.93	47.55	37.78	19.53	66.38	0.59	312	131	AVERAGE