FCC RADIO TEST REPORT

FCC ID	:	**APYHRO00335**
Equipment	:	**Smart phone**
Brand Name	:	**SHARP**
Model Name	:	**APYHRO00335**
Applicant	:	**SHARP CORPORATION** **1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan**
Manufacturer	:	**SHARP CORPORATION** **1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Feb. 20, 2025 and testing was performed from Mar. 03, 2025 to Apr. 02, 2025. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

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

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History of this test report

Report No.	Version	Description	Issue Date
FR4D0637E	01	Initial issue of report	Apr. 22, 2025

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Lucy Wu

1 General Description

1.1 Product Feature of Equipment Under Test

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

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	0.74
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	0.79
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	2.47

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

Item	Sample 1		Sample 2		Sample 3	
	Vendor	Model Number	Vendor	Model Number	Vendor	Model Number
DDR	LONGSYS	SA0FLXC2012	Samsung	SA04UBE3010	LONGSYS	SA0FLXC2012
UFS2.2	LONGSYS	SA0N128G010	Samsung	SA02U1DC010	LONGSYS	SA064GC2010
Display	DJN	SLX3M066X00	CPT	SLX065WRX00	DJN	SLX3M066X00
Rear camera	Shinetech	S0CNN72B000	Union Image	S0C50A350A0	Union Image	S0C50A350A0
Front camera	Shinetech	S0CM8G1B060	Union Image	S0C50A350A0	Union Image	S0C50A350A0
Battery	SCUD	BPSX400001S	EVE	BPSX400002S	EVE	BPSX400002S
PCB	Tripod	SB0SX51BG0C	Compeq	SB0SX51BJ0C	Compeq	SB0SX51BJ0C
Accelerometer /Gyroscope	TDK	SA042670020	ST	SA0OETR3020	ST	SA0OETR3020
E-compass	QST	SA0C6308130	MEMSIC	SA0C56030A0	MEMSIC	SA0C56030A0
ALS/PS sensor	Sensortek	SA033562020	EMINENT	SA079911020	EMINENT	SA079911020
FPC_Side_Key	Sunflex	MESX514021A	PBH	MESX514001A	PBH	MESX514001A
FPC_USB	Sunflex	MESX114012A	PBH	MESX314004A	PBH	MESX314004A
FPC_AJ	Sunflex	MESX114013A	PBH	MESX314003A	PBH	MESX314003A
FPC_Main	Sunflex	MESX514002A	PBH	MESX514022A	PBH	MESX514022A
FPC_SPK	Sunflex	MESX514004A	AKM	MESX514024A	AKM	MESX514024A
FPC_flashlight	Sunflex	MESX514023A	PBH	MESX514003A	PBH	MESX514003A
Rear housing	LF	MESX561041A	DY	MESX561040A	LF	MESX561041A

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

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

2.2 Test Mode

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

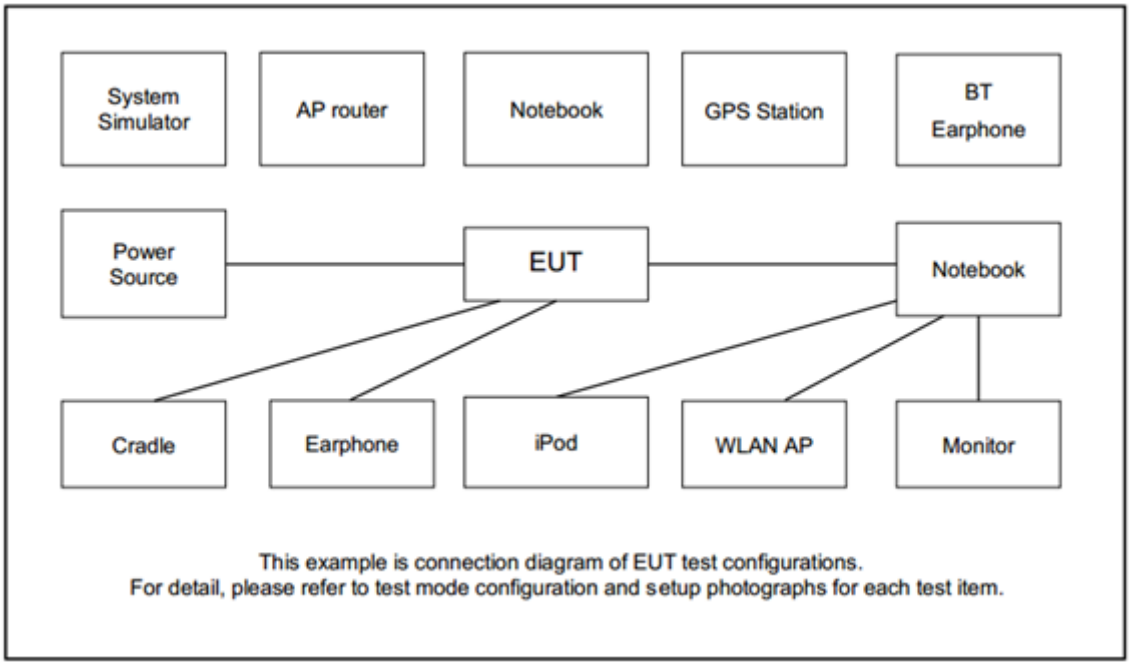
The final test modes include the worst data rates for each modulation shown in the table below.

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

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5GHz) Link + Earphone + MPEG4 + USB Cable (Charging from Adapter) + Battery 2 for Sample 3

Remark:
1. For Radiated Test Cases, the tests were performed with Sample 3
2. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.
3. The detailed Radiated test modes are shown in Appendix C.

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.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA2029	N/A	N/A
4.	Earphone + Mic	Samsung	Ecouteur	N/A	Unshielded 1.8m	N/A
5.	Earphone	NOKIA	WH-108	NA	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, make the EUT (SW: 00.00.06A3040) get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

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

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

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

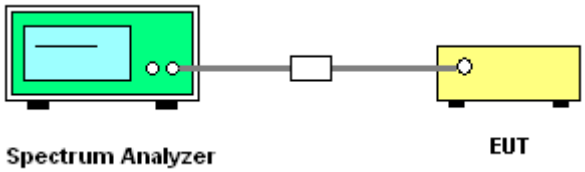
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

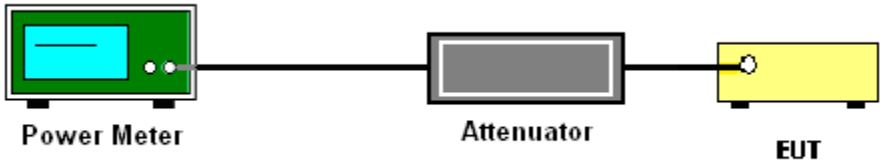
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

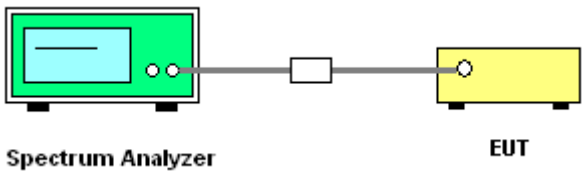
 # Method SA-2 #

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

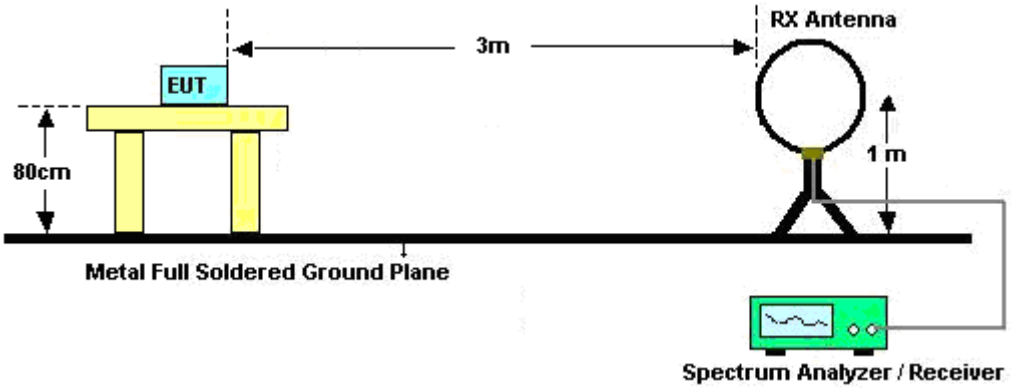
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

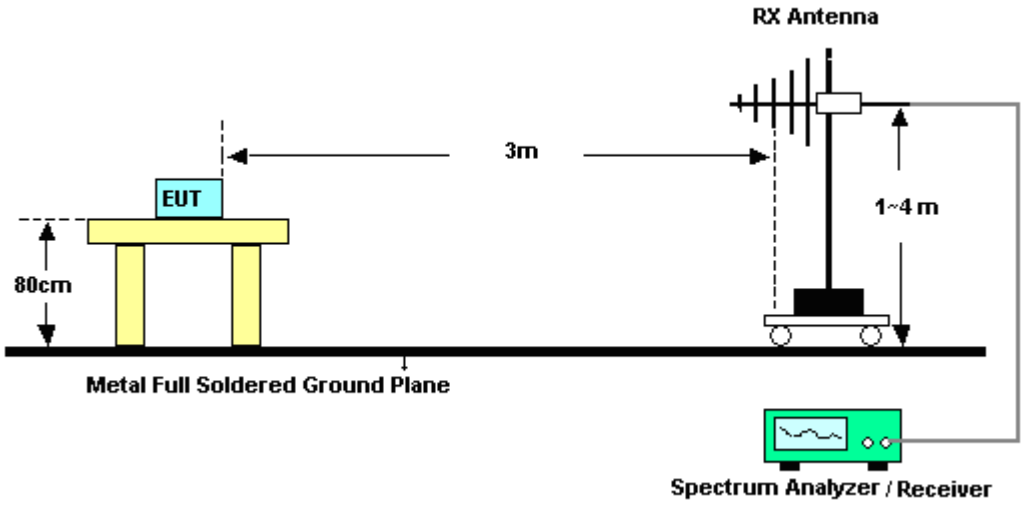
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

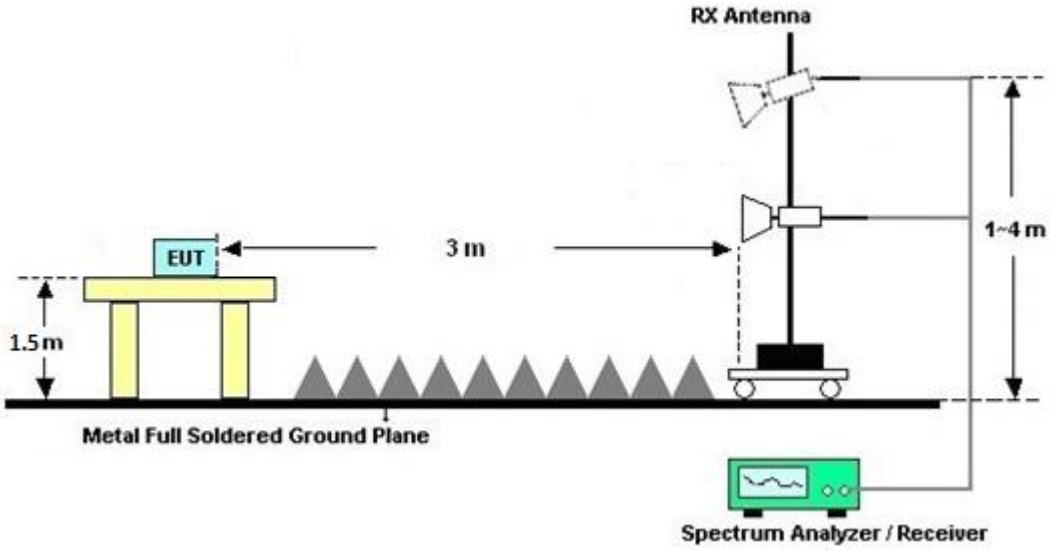
For radiated emissions below 30MHz



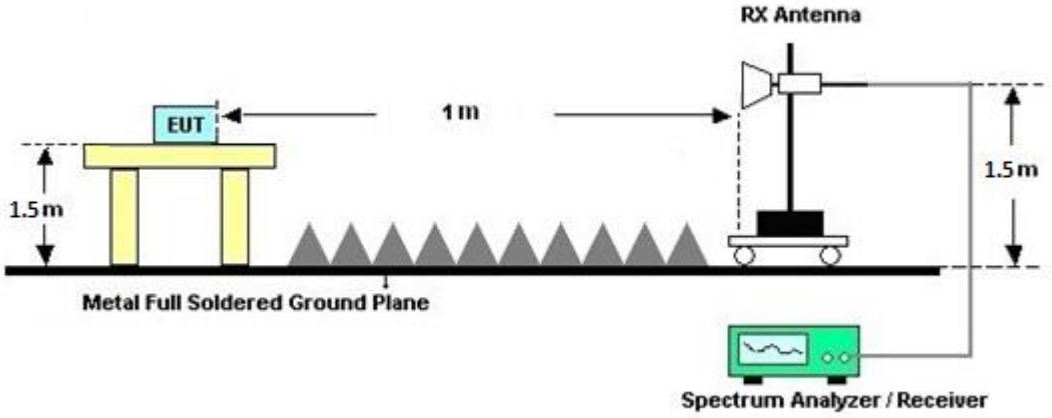
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

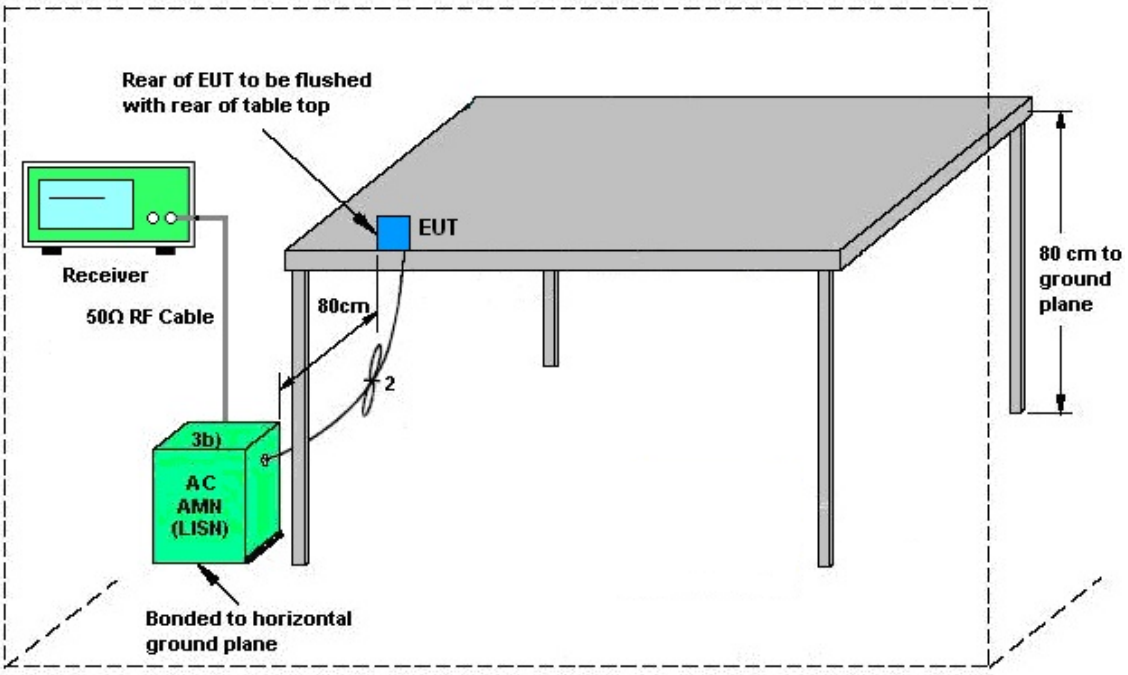
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2024	Mar. 25, 2025~ Mar. 31, 2025	Oct. 15, 2025	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Mar. 25, 2025~ Mar. 31, 2025	Aug. 28, 2025	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Sep. 02, 2024	Mar. 25, 2025~ Mar. 31, 2025	Sep. 01, 2025	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Mar. 25, 2025~ Mar. 31, 2025	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Mar. 25, 2025~ Mar. 31, 2025	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Mar. 25, 2025~ Mar. 31, 2025	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	N/A	Dec. 09, 2024	Mar. 25, 2025~ Mar. 31, 2025	Dec. 08, 2025	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D&00802 N1D01N-06	55606 & 08	30MHz~1GHz	Nov. 27, 2024	Mar. 25, 2025~ Mar. 31, 2025	Nov. 26, 2025	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 01, 2024	Mar. 25, 2025~ Mar. 31, 2025	Oct. 31, 2025	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz-40GHz	Jun. 24, 2024	Mar. 25, 2025~ Mar. 31, 2025	Jun. 23, 2025	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 31, 2024	Mar. 25, 2025~ Mar. 31, 2025	Dec. 30, 2025	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 12, 2024	Mar. 25, 2025~ Mar. 31, 2025	Nov. 11, 2025	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,804027/2	N/A	Jan. 16, 2025	Mar. 25, 2025~ Mar. 31, 2025	Jan. 15, 2026	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211542	N/A	Oct. 21, 2024	Mar. 25, 2025~ Mar. 31, 2025	Oct. 20, 2025	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Mar. 25, 2025~ Mar. 31, 2025	N/A	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Mar. 03, 2025~ Mar. 31, 2025	Oct. 31, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO31 (NO:182)	9kHz~6GHz	Jan. 09, 2025	Mar. 03, 2025~ Mar. 31, 2025	Jan. 08, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2024	Mar. 03, 2025~ Mar. 31, 2025	Aug. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Mar. 03, 2025~ Mar. 31, 2025	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_250114	N/A	Conducted Other Test Item	N/A	Mar. 03, 2025~ Mar. 31, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Apr. 02, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Apr. 02, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 23, 2024	Apr. 02, 2025	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Apr. 02, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Lisn	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 12, 2024	Apr. 02, 2025	Dec. 11, 2025	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	9kHz~30MHz	Mar. 24, 2025	Apr. 02, 2025	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Apr. 02, 2025	Sep. 22, 2025	Conduction (CO07-HY)

5 Measurement Uncertainty

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

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

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

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

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

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

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

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

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

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

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Sylvia Li	Temperature:	21~25	°C
Test Date:	2025/03/03~2025/03/31	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	36	5180	16.84	-	24.85	-	-		22.26	-		
11a	6Mbps	1	44	5220	17.48	-	31.81	-	-		22.43	-		
11a	6Mbps	1	48	5240	17.48	-	30.42	-	-		22.43	-		
HT20	MCS0	1	36	5180	17.96	-	28.40	-	-		22.54	-		
HT20	MCS0	1	44	5220	18.16	-	29.62	-	-		22.59	-	-	
HT20	MCS0	1	48	5240	18.14	-	32.66	-	-		22.59	-		
HT40	MCS0	1	38	5190	37.08	-	67.79	-	-		23.01	-		
HT40	MCS0	1	46	5230	38.13	-	78.05	-	-		23.01	-		
VHT80	MCS0	1	42	5210	75.17	-	81.38	-	-		23.01	-		

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	36	5180	17.20	-	-	24.00	-	0.74	-	-	Pass
11a	6Mbps	1	44	5220	18.90	-		24.00	-	0.74	-		Pass
11a	6Mbps	1	48	5240	18.90	-		24.00	-	0.74	-		Pass
HT20	MCS0	1	36	5180	17.60	-		24.00	-	0.74	-		Pass
HT20	MCS0	1	44	5220	18.90	-		24.00	-	0.74	-		Pass
HT20	MCS0	1	48	5240	18.90	-		24.00	-	0.74	-		Pass
HT40	MCS0	1	38	5190	16.00	-		24.00	-	0.74	-		Pass
HT40	MCS0	1	46	5230	18.60	-		24.00	-	0.74	-		Pass
VHT20	MCS0	1	36	5180	17.50	-		24.00	-	0.74	-		Pass
VHT20	MCS0	1	44	5220	18.80	-		24.00	-	0.74	-		Pass
VHT20	MCS0	1	48	5240	18.80	-		24.00	-	0.74	-		Pass
VHT40	MCS0	1	38	5190	15.90	-		24.00	-	0.74	-		Pass
VHT40	MCS0	1	46	5230	18.50	-		24.00	-	0.74	-		Pass
VHT80	MCS0	1	42	5210	13.30	-		24.00	-	0.74	-		Pass

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	36	5180	0.11	-	6.48	-		11.00	-	0.74	-		Pass
11a	6Mbps	1	44	5220	0.11	-	8.10	-		11.00	-	0.74	-		Pass
11a	6Mbps	1	48	5240	0.11	-	8.15	-		11.00	-	0.74	-		Pass
HT20	MCS0	1	36	5180	0.12	-	6.75	-		11.00	-	0.74	-		Pass
HT20	MCS0	1	44	5220	0.12	-	7.55	-	-	11.00	-	0.74	-	-	Pass
HT20	MCS0	1	48	5240	0.12	-	7.82	-		11.00	-	0.74	-		Pass
HT40	MCS0	1	38	5190	0.23	-	2.53	-		11.00	-	0.74	-		Pass
HT40	MCS0	1	46	5230	0.23	-	5.22	-		11.00	-	0.74	-		Pass
VHT80	MCS0	1	42	5210	0.44	-	-3.17	-		11.00	-	0.74	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	
11a	6Mbps	1	52	5260	17.43	-	31.38	-	23.41	-	29.41	-	23.98	-	-
11a	6Mbps	1	60	5300	17.35	-	32.72	-	23.39	-	29.39	-	23.98	-	
11a	6Mbps	1	64	5320	16.80	-	21.36	-	23.25	-	29.25	-	23.98	-	
HT20	MCS0	1	52	5260	18.26	-	32.24	-	23.62	-	29.62	-	23.98	-	
HT20	MCS0	1	60	5300	18.33	-	32.77	-	23.63	-	29.63	-	23.98	-	
HT20	MCS0	1	64	5320	17.85	-	23.32	-	23.52	-	29.52	-	23.98	-	
HT40	MCS0	1	54	5270	37.64	-	68.18	-	23.98	-	30.00	-	23.98	-	
HT40	MCS0	1	62	5310	36.79	-	41.70	-	23.98	-	30.00	-	23.98	-	
VHT80	MCS0	1	58	5290	75.21	-	81.25	-	23.98	-	30.00	-	23.98	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	52	5260	18.90	-	-	23.98	-	0.79	-	26.99	Pass
11a	6Mbps	1	60	5300	18.90	-		23.98	-	0.79	-	26.99	Pass
11a	6Mbps	1	64	5320	16.20	-		23.98	-	0.79	-	26.99	Pass
HT20	MCS0	1	52	5260	18.80	-		23.98	-	0.79	-	26.99	Pass
HT20	MCS0	1	60	5300	18.90	-		23.98	-	0.79	-	26.99	Pass
HT20	MCS0	1	64	5320	16.30	-		23.98	-	0.79	-	26.99	Pass
HT40	MCS0	1	54	5270	17.90	-		23.98	-	0.79	-	26.99	Pass
HT40	MCS0	1	62	5310	14.00	-		23.98	-	0.79	-	26.99	Pass
VHT20	MCS0	1	52	5260	18.70	-		23.98	-	0.79	-	26.99	Pass
VHT20	MCS0	1	60	5300	18.80	-		23.98	-	0.79	-	26.99	Pass
VHT20	MCS0	1	64	5320	16.20	-		23.98	-	0.79	-	26.99	Pass
VHT40	MCS0	1	54	5270	17.80	-		23.98	-	0.79	-	26.99	Pass
VHT40	MCS0	1	62	5310	13.90	-		23.98	-	0.79	-	26.99	Pass
VHT80	MCS0	1	58	5290	12.80	-		23.98	-	0.79	-	26.99	Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	52	5260	0.11	-	8.23	-		11.00	-	0.79	-		Pass
11a	6Mbps	1	60	5300	0.11	-	8.16	-		11.00	-	0.79	-		Pass
11a	6Mbps	1	64	5320	0.11	-	5.31	-		11.00	-	0.79	-		Pass
HT20	MCS0	1	52	5260	0.12	-	8.18	-		11.00	-	0.79	-		Pass
HT20	MCS0	1	60	5300	0.12	-	8.12	-	-	11.00	-	0.79	-	-	Pass
HT20	MCS0	1	64	5320	0.12	-	5.44	-		11.00	-	0.79	-		Pass
HT40	MCS0	1	54	5270	0.23	-	4.42	-		11.00	-	0.79	-		Pass
HT40	MCS0	1	62	5310	0.23	-	0.52	-		11.00	-	0.79	-		Pass
VHT80	MCS0	1	58	5290	0.44	-	-3.90	-		11.00	-	0.79	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2
11a	6Mbps	1	100	5500	16.81	-	25.87	-	23.26	-	29.26	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.08	-	30.20	-	23.33	-	29.33	-	23.98	-	----	----
11a	6Mbps	1	140	5700	16.71	-	20.02	-	23.23	-	29.23	-	23.98	-	----	----
HT20	MCS0	1	100	5500	17.84	-	23.21	-	23.51	-	29.51	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.25	-	32.17	-	23.61	-	29.61	-	23.98	-	----	----
HT20	MCS0	1	140	5700	17.81	-	20.53	-	23.51	-	29.51	-	23.98	-	----	----
HT40	MCS0	1	102	5510	36.71	-	44.22	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	110	5550	37.83	-	73.47	-	23.98	-	30.00	-	23.98	-	----	----
HT40	MCS0	1	134	5670	37.05	-	69.25	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	106	5530	75.20	-	81.28	-	23.98	-	30.00	-	23.98	-	----	----
VHT80	MCS0	1	122	5610	75.50	-	126.85	-	23.98	-	30.00	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2
11a	6Mbps	1	144	5720	13.65	-	20.42	-	23.39	-	29.39	-	23.98	-	2.48	-
HT20	MCS0	1	144	5720	14.10	-	21.81	-	23.60	-	29.60	-	23.98	-	2.535	-
HT40	MCS0	1	142	5710	34.02	-	53.83	-	23.98	-	30.00	-	23.98	-	2.523	-
VHT80	MCS0	1	138	5690	73.10	-	129.85	-	23.98	-	30.00	-	23.98	-	2.568	-
6dB Bandwidth Limit ≧ 500kHz															Pass	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	100	5500	17.40	-		23.98	-	2.47	-	26.99	Pass
11a	6Mbps	1	116	5580	18.80	-		23.98	-	2.47	-	26.99	Pass
11a	6Mbps	1	140	5700	14.80	-		23.98	-	2.47	-	26.99	Pass
HT20	MCS0	1	100	5500	16.30	-		23.98	-	2.47	-	26.99	Pass
HT20	MCS0	1	116	5580	18.70	-		23.98	-	2.47	-	26.99	Pass
HT20	MCS0	1	140	5700	14.50	-		23.98	-	2.47	-	26.99	Pass
HT40	MCS0	1	102	5510	14.10	-		23.98	-	2.47	-	26.99	Pass
HT40	MCS0	1	110	5550	18.70	-		23.98	-	2.47	-	26.99	Pass
HT40	MCS0	1	134	5670	16.50	-	-	23.98	-	2.47	-	26.99	Pass
VHT20	MCS0	1	100	5500	16.20	-		23.98	-	2.47	-	26.99	Pass
VHT20	MCS0	1	116	5580	18.60	-		23.98	-	2.47	-	26.99	Pass
VHT20	MCS0	1	140	5700	14.40	-		23.98	-	2.47	-	26.99	Pass
VHT40	MCS0	1	102	5510	14.00	-		23.98	-	2.47	-	26.99	Pass
VHT40	MCS0	1	110	5550	18.60	-		23.98	-	2.47	-	26.99	Pass
VHT40	MCS0	1	134	5670	16.40	-		23.98	-	2.47	-	26.99	Pass
VHT80	MCS0	1	106	5530	14.30	-		23.98	-	2.47	-	26.99	Pass
VHT80	MCS0	1	122	5610	17.20	-		23.98	-	2.47	-	26.99	Pass

FCC U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	144	5720	18.90	-		23.98	-	2.47	-	26.99	Pass
HT20	MCS0	1	144	5720	18.70	-		23.98	-	2.47	-	26.99	Pass
HT40	MCS0	1	142	5710	18.60	-	-	23.98	-	2.47	-	26.99	Pass
VHT20	MCS0	1	144	5720	18.60	-		23.98	-	2.47	-	26.99	Pass
VHT40	MCS0	1	142	5710	18.50	-		23.98	-	2.47	-	26.99	Pass
VHT80	MCS0	1	138	5690	18.60	-		23.98	-	2.47	-	26.99	Pass

Report Number : FR4D0637E

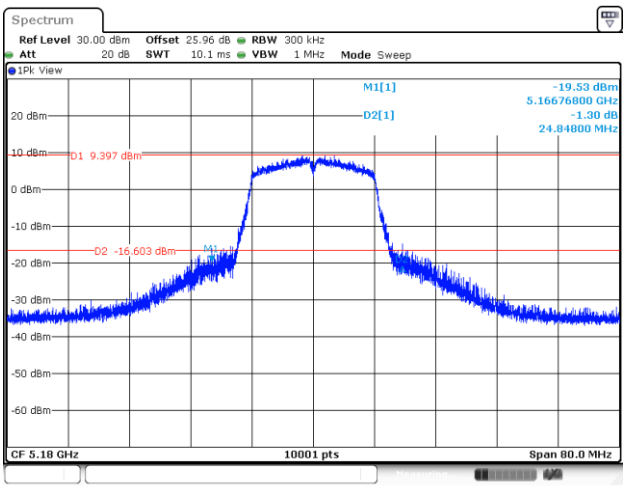
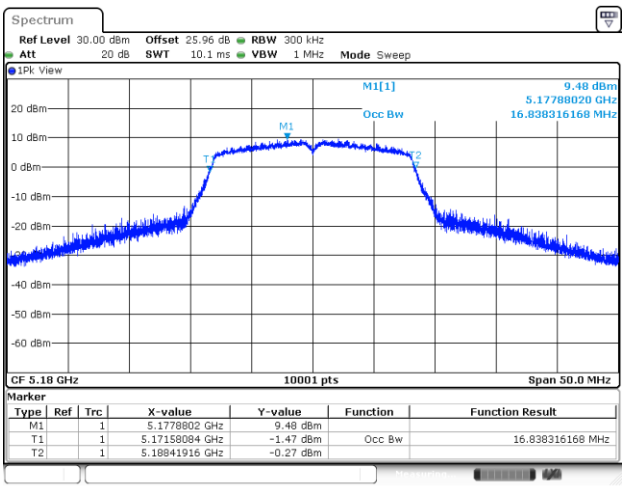
TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	100	5500	0.11	-	6.11	-		11.00	-	2.47	-		Pass
11a	6Mbps	1	116	5580	0.11	-	7.74	-		11.00	-	2.47	-		Pass
11a	6Mbps	1	140	5700	0.11	-	3.65	-		11.00	-	2.47	-		Pass
HT20	MCS0	1	100	5500	0.12	-	5.01	-		11.00	-	2.47	-		Pass
HT20	MCS0	1	116	5580	0.12	-	7.90	-		11.00	-	2.47	-		Pass
HT20	MCS0	1	140	5700	0.12	-	3.42	-	-	11.00	-	2.47	-	-	Pass
HT40	MCS0	1	102	5510	0.23	-	-0.16	-		11.00	-	2.47	-		Pass
HT40	MCS0	1	110	5550	0.23	-	4.77	-		11.00	-	2.47	-		Pass
HT40	MCS0	1	134	5670	0.23	-	2.42	-		11.00	-	2.47	-		Pass
VHT80	MCS0	1	106	5530	0.44	-	-2.72	-		11.00	-	2.47	-		Pass
VHT80	MCS0	1	122	5610	0.44	-	0.19	-		11.00	-	2.47	-		Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	144	5720	0.11	-	7.96	-		11.00	-	2.47	-		Pass
HT20	MCS0	1	144	5720	0.12	-	7.79	-		11.00	-	2.47	-		Pass
HT40	MCS0	1	142	5710	0.23	-	4.94	-	-	11.00	-	2.47	-	-	Pass
VHT80	MCS0	1	138	5690	0.44	-	1.69	-		11.00	-	2.47	-		Pass

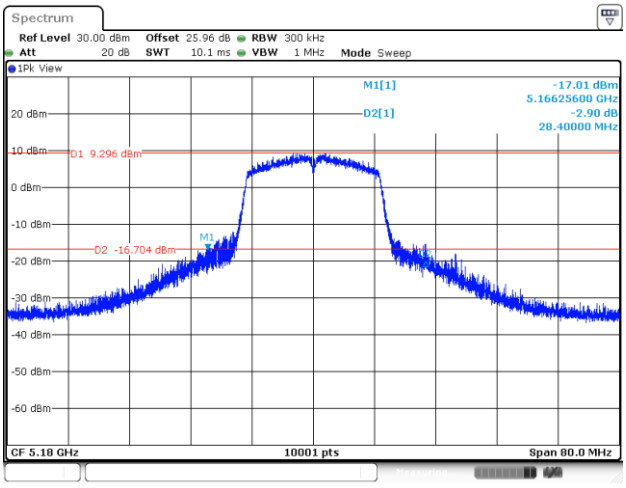
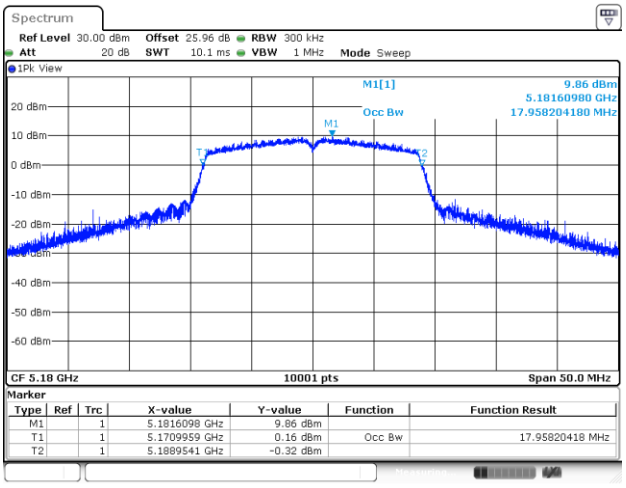
Test Result of 26dB & 99% Occupied Bandwidth

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

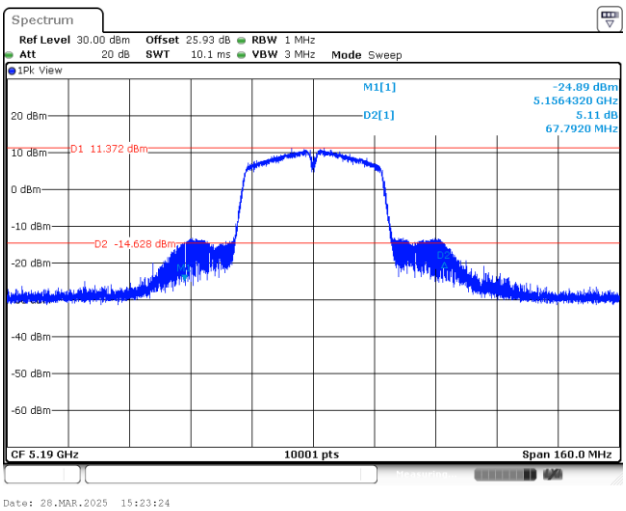
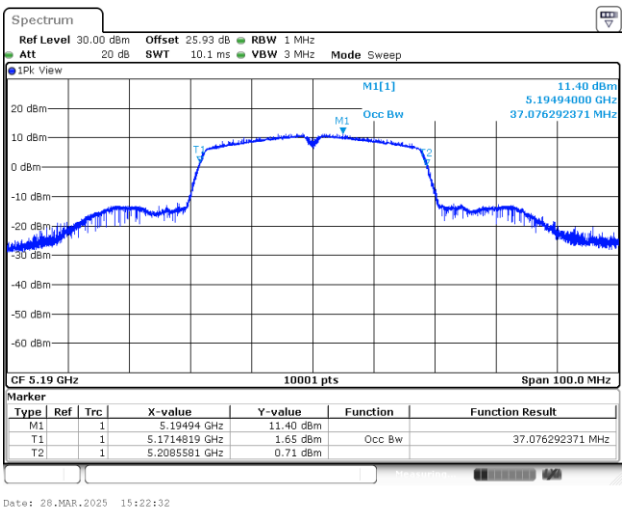
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

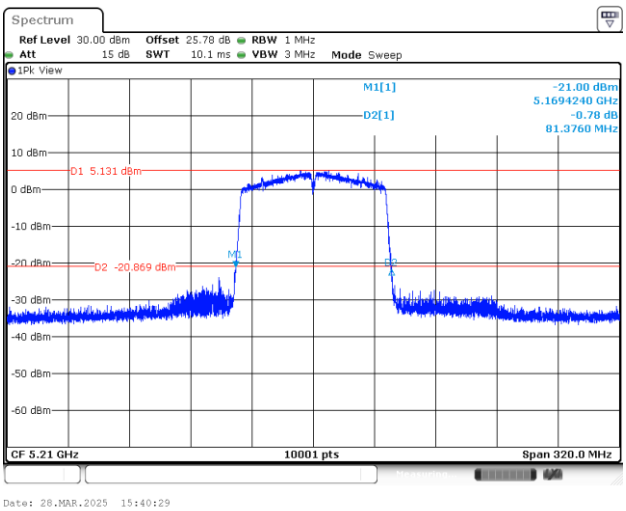
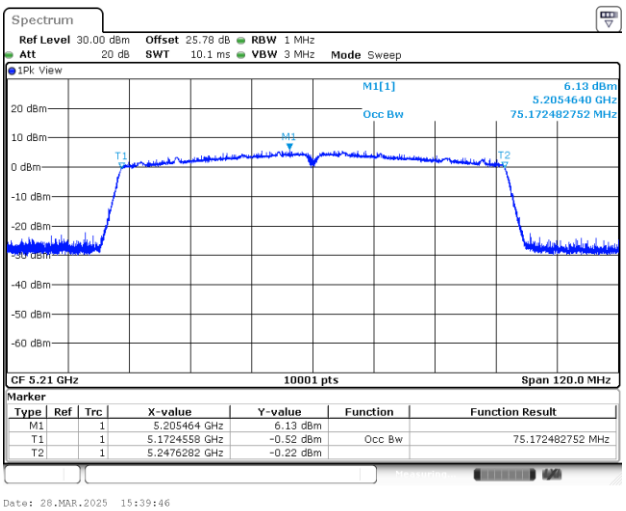
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11n HT40>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ac VHT80>

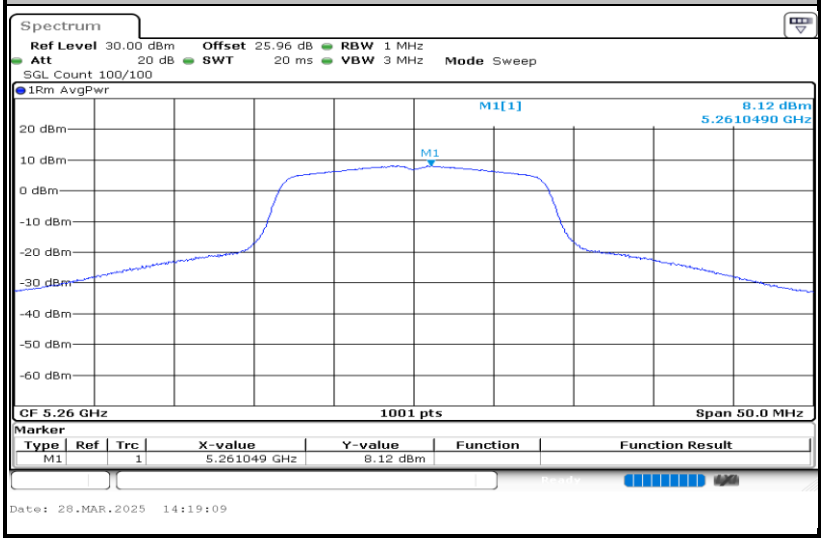
26dB Bandwidth	99% Occupied Bandwidth
	

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

Test Result of Power Spectral Density

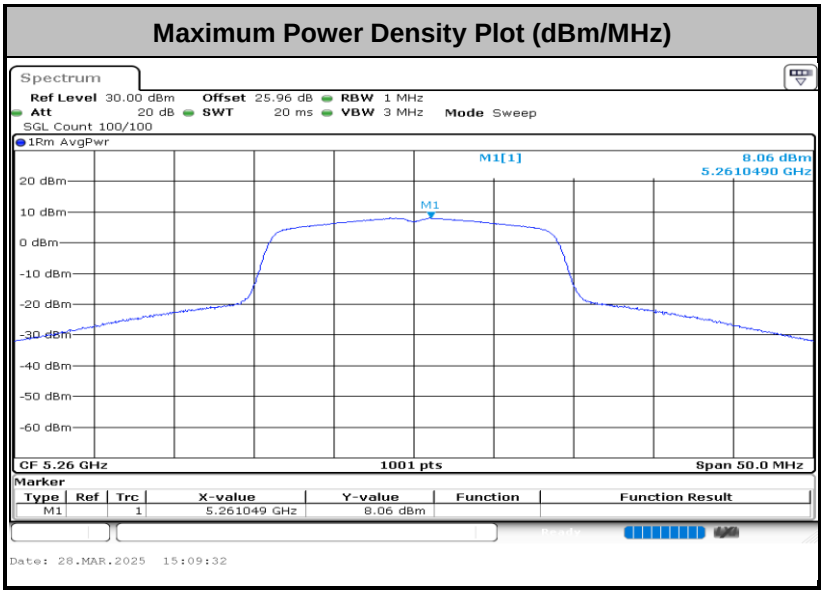
<802.11a>

Maximum Power Density Plot (dBm/MHz)



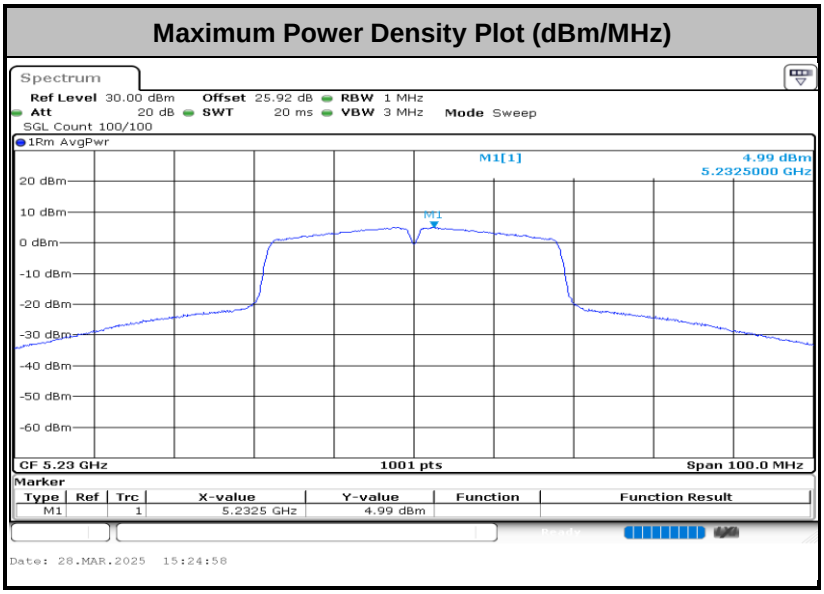
<802.11n HT20>

Maximum Power Density Plot (dBm/MHz)



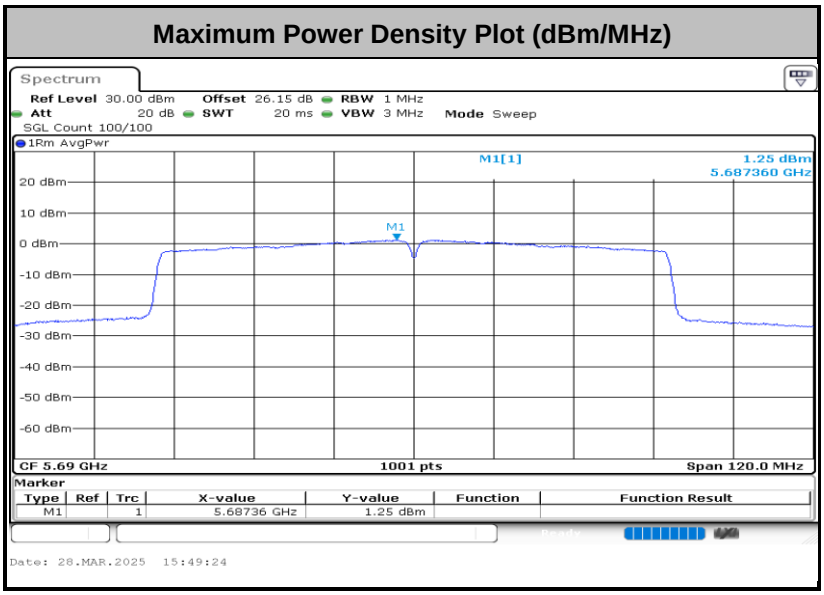
<802.11n HT40>

Maximum Power Density Plot (dBm/MHz)



<802.11ac VHT80>

Maximum Power Density Plot (dBm/MHz)

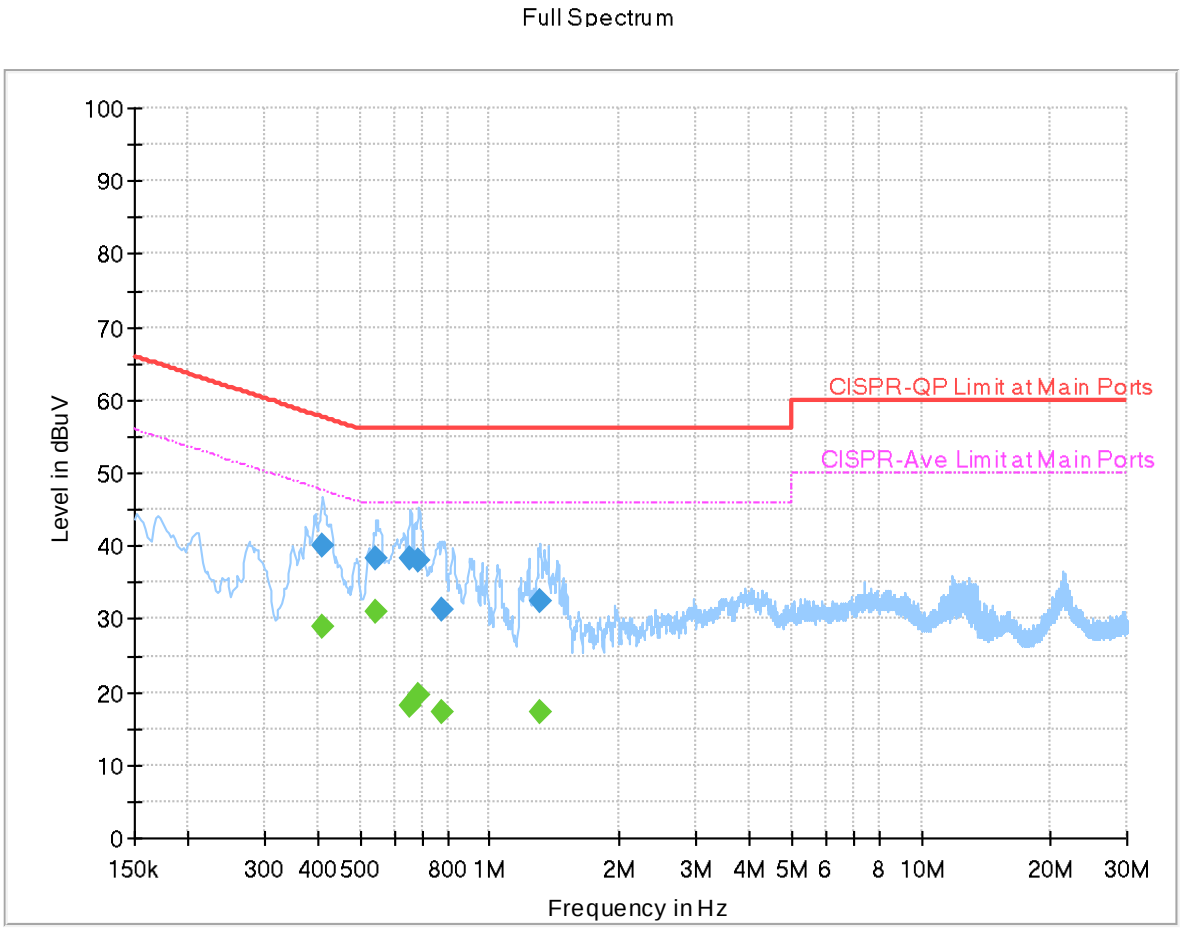


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Howard Huang	**Temperature :**	21.2~24.5℃
		Relative Humidity :	50.4~58.2%

EUT Information

Report NO :	4D0637
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

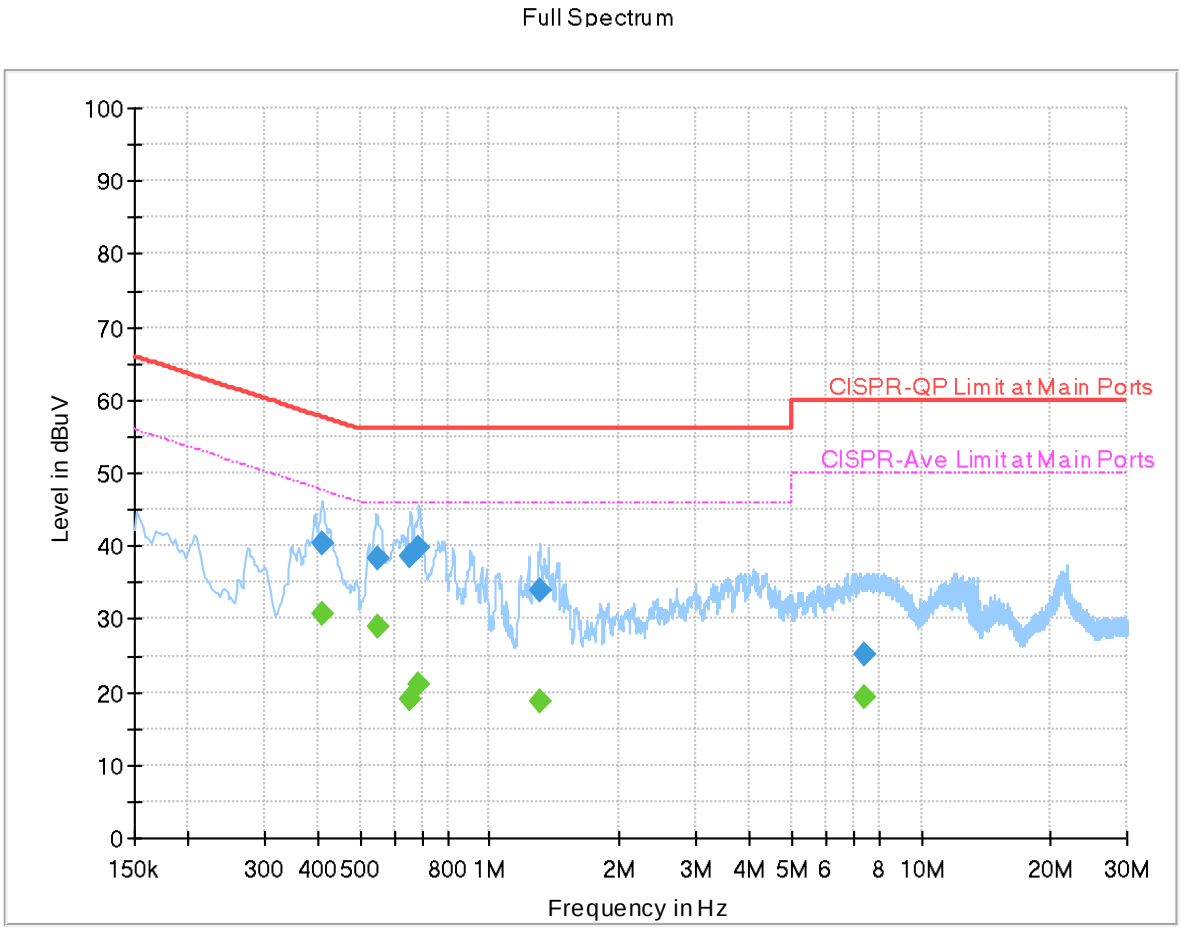


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.411000	---	29.09	47.63	18.54	L1	FLO	20.0
0.411000	40.10	---	57.63	17.53	L1	FLO	20.0
0.546000	---	31.04	46.00	14.96	L1	FLO	20.0
0.546000	38.24	---	56.00	17.76	L1	FLO	20.0
0.654000	---	18.22	46.00	27.78	L1	FLO	20.0
0.654000	38.17	---	56.00	17.83	L1	FLO	20.0
0.683250	---	19.62	46.00	26.38	L1	FLO	20.0
0.683250	37.89	---	56.00	18.11	L1	FLO	20.0
0.773250	---	17.35	46.00	28.65	L1	FLO	20.0
0.773250	31.21	---	56.00	24.79	L1	FLO	20.0
1.308750	---	17.37	46.00	28.63	L1	FLO	20.0
1.308750	32.50	---	56.00	23.50	L1	FLO	20.0

EUT Information

Report NO :	4D0637
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.411000	---	30.63	47.63	17.00	N	FLO	20.0
0.411000	40.49	---	57.63	17.14	N	FLO	20.0
0.548250	---	29.06	46.00	16.94	N	FLO	20.0
0.548250	38.35	---	56.00	17.65	N	FLO	20.0
0.654000	---	19.05	46.00	26.95	N	FLO	20.0
0.654000	38.66	---	56.00	17.34	N	FLO	20.0
0.683250	---	21.07	46.00	24.93	N	FLO	20.0
0.683250	39.66	---	56.00	16.34	N	FLO	20.0
1.306500	---	18.61	46.00	27.39	N	FLO	20.0
1.306500	33.78	---	56.00	22.22	N	FLO	20.0
7.352250	---	19.19	50.00	30.81	N	FLO	20.3
7.352250	25.22	---	60.00	34.78	N	FLO	20.3

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang, David Dai and Sam Chou	**Temperature :**	19.3~22.7°C
		Relative Humidity :	64.8~70.3%

Note symbol

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

C1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	4	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	4	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	4	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	4	802.11n HT20	36	5180	MCS0	-	-
Mode 5	U-NII-1	5.15-5.25	4	802.11n HT20	44	5220	MCS0	-	-
Mode 6	U-NII-1	5.15-5.25	4	802.11n HT20	48	5240	MCS0	-	-
Mode 7	U-NII-1	5.15-5.25	4	802.11n HT40	38	5190	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	4	802.11n HT40	46	5230	MCS0	-	-
Mode 9	U-NII-1	5.15-5.25	4	802.11ac VHT80	42	5210	MCS0	-	-
Mode 10	U-NII-2A	5.25-5.35	4	802.11a	52	5260	6Mbps	-	-
Mode 11	U-NII-2A	5.25-5.35	4	802.11a	60	5300	6Mbps	-	-
Mode 12	U-NII-2A	5.25-5.35	4	802.11a	64	5320	6Mbps	-	-
Mode 13	U-NII-2A	5.25-5.35	4	802.11n HT20	52	5260	MCS0	-	-
Mode 14	U-NII-2A	5.25-5.35	4	802.11n HT20	60	5300	MCS0	-	-
Mode 15	U-NII-2A	5.25-5.35	4	802.11n HT20	64	5320	MCS0	-	-
Mode 16	U-NII-2A	5.25-5.35	4	802.11n HT40	54	5270	MCS0	-	-
Mode 17	U-NII-2A	5.25-5.35	4	802.11n HT40	62	5310	MCS0	-	-
Mode 18	U-NII-2A	5.25-5.35	4	802.11ac VHT80	58	5290	MCS0	-	-
Mode 19	U-NII-2C	5.47-5.725	4	802.11a	100	5500	6Mbps	-	-
Mode 20	U-NII-2C	5.47-5.725	4	802.11a	116	5580	6Mbps	-	-
Mode 21	U-NII-2C	5.47-5.725	4	802.11a	140	5700	6Mbps	-	-
Mode 22	U-NII-2C	5.47-5.725	4	802.11n HT20	100	5500	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-2C	5.47-5.725	4	802.11n HT20	116	5580	MCS0	-	-
Mode 24	U-NII-2C	5.47-5.725	4	802.11n HT20	140	5700	MCS0	-	-
Mode 25	U-NII-2C	5.47-5.725	4	802.11n HT40	102	5510	MCS0	-	-
Mode 26	U-NII-2C	5.47-5.725	4	802.11n HT40	110	5550	MCS0	-	-
Mode 27	U-NII-2C	5.47-5.725	4	802.11n HT40	134	5670	MCS0	-	-
Mode 28	U-NII-2C	5.47-5.725	4	802.11ac VHT80	106	5530	MCS0	-	-
Mode 29	U-NII-2C	5.47-5.725	4	802.11ac VHT80	122	5610	MCS0	-	-
Mode 30	U-NII-2C	5.47-5.725	4	802.11a	144	5720	6Mbps	-	-
Mode 31	U-NII-2C	5.47-5.725	4	802.11n HT20	144	5720	MCS0	-	-
Mode 32	U-NII-2C	5.47-5.725	4	802.11n HT40	142	5710	MCS0	-	-
Mode 33	U-NII-2C	5.47-5.725	4	802.11ac VHT80	138	5690	MCS0	-	-
Mode 35	U-NII-2A	5.25-5.35	4	802.11a	64	5320	6Mbps	-	LF

C2. Summary of each worse mode

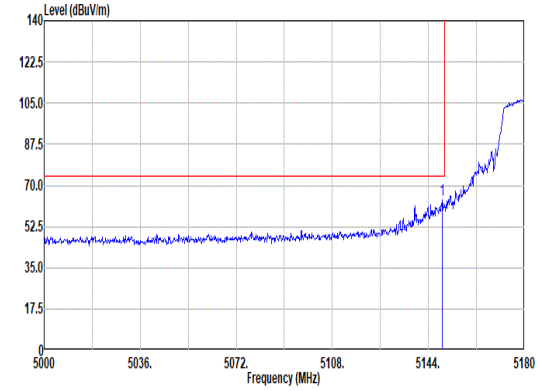
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.76	50.54	54.00	-3.46	H	Avg.	Pass	-	Band Edge
	802.11a	36	15540.00	43.38	54.00	-10.62	H	Avg.	Pass	-	Harmonic
2	802.11a	44	5149.82	40.93	54.00	-13.07	H	Avg.	Pass	-	Band Edge
	802.11a	44	15660.00	43.36	54.00	-10.64	H	Avg.	Pass	-	Harmonic
3	802.11a	48	5350.66	40.56	54.00	-13.44	H	Avg.	Pass	-	Band Edge
	802.11a	48	15720.00	43.46	54.00	-10.54	H	Avg.	Pass	-	Harmonic
4	802.11n HT20	36	5149.94	50.37	54.00	-3.63	H	Avg.	Pass	-	Band Edge
	802.11n HT20	36	15540.00	43.37	54.00	-10.63	H	Avg.	Pass	-	Harmonic
5	802.11n HT20	44	5147.40	41.26	54.00	-12.74	H	Avg.	Pass	-	Band Edge
	802.11n HT20	44	15660.00	43.51	54.00	-10.49	V	Avg.	Pass	-	Harmonic
6	802.11n HT20	48	5351.32	40.68	54.00	-13.32	H	Avg.	Pass	-	Band Edge
	802.11n HT20	48	15720.00	43.85	54.00	-10.15	H	Avg.	Pass	-	Harmonic
7	802.11n HT40	38	5148.77	50.89	54.00	-3.11	H	Avg.	Pass	-	Band Edge
	802.11n HT40	38	15570.00	43.14	54.00	-10.86	H	Avg.	Pass	-	Harmonic
8	802.11n HT40	46	5149.73	46.73	54.00	-7.27	H	Avg.	Pass	-	Band Edge
	802.11n HT40	46	15690.00	43.00	54.00	-11.00	H	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
9	802.11ac VHT80	42	5146.79	50.51	54.00	-3.49	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	42	15630.00	43.82	54.00	-10.18	H	Avg.	Pass	-	Harmonic
10	802.11a	52	5350.20	41.74	54.00	-12.26	H	Avg.	Pass	-	Band Edge
	802.11a	52	15780.00	43.46	54.00	-10.54	V	Avg.	Pass	-	Harmonic
11	802.11a	60	5350.56	49.75	54.00	-4.25	H	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	43.57	54.00	-10.43	V	Avg.	Pass	-	Harmonic
12	802.11a	64	5350.38	50.89	54.00	-3.11	H	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	43.74	54.00	-10.26	V	Avg.	Pass	-	Harmonic
13	802.11n HT20	52	5351.40	42.15	54.00	-11.85	H	Avg.	Pass	-	Band Edge
	802.11n HT20	52	15780.00	43.51	54.00	-10.49	V	Avg.	Pass	-	Harmonic
14	802.11n HT20	60	5350.24	48.00	54.00	-6.00	H	Avg.	Pass	-	Band Edge
	802.11n HT20	60	15900.00	43.75	54.00	-10.25	V	Avg.	Pass	-	Harmonic
15	802.11n HT20	64	5350.94	50.74	54.00	-3.26	H	Avg.	Pass	-	Band Edge
	802.11n HT20	64	15960.00	43.59	54.00	-10.41	V	Avg.	Pass	-	Harmonic
16	802.11n HT40	54	5351.32	50.32	54.00	-3.68	H	Avg.	Pass	-	Band Edge
	802.11n HT40	54	15810.00	42.96	54.00	-11.04	H	Avg.	Pass	-	Harmonic
17	802.11n HT40	62	5350.50	50.19	54.00	-3.81	H	Avg.	Pass	-	Band Edge
	802.11n HT40	62	15930.00	43.30	54.00	-10.70	V	Avg.	Pass	-	Harmonic
18	802.11ac VHT80	58	5350.69	50.72	54.00	-3.28	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	58	15870.00	43.76	54.00	-10.24	V	Avg.	Pass	-	Harmonic
19	802.11a	100	5468.50	64.17	68.20	-4.03	H	Peak	Pass	-	Band Edge
	802.11a	100	11000.00	42.60	54.00	-11.40	H	Avg.	Pass	-	Harmonic
20	802.11a	116	5458.10	39.87	54.00	-14.13	H	Avg.	Pass	-	Band Edge
	802.11a	116	11160.00	42.49	54.00	-11.51	V	Avg.	Pass	-	Harmonic
21	802.11a	140	5725.55	63.79	68.20	-4.41	V	Peak	Pass	-	Band Edge
	802.11a	140	11400.00	42.64	54.00	-11.36	V	Avg.	Pass	-	Harmonic
22	802.11n HT20	100	5465.35	62.67	68.20	-5.53	H	Peak	Pass	-	Band Edge
	802.11n HT20	100	11000.00	42.33	54.00	-11.67	H	Avg.	Pass	-	Harmonic
23	802.11n HT20	116	5459.71	39.96	54.00	-14.04	H	Avg.	Pass	-	Band Edge
	802.11n HT20	116	11160.00	42.40	54.00	-11.60	H	Avg.	Pass	-	Harmonic
24	802.11n HT20	140	5726.13	63.34	68.20	-4.86	V	Peak	Pass	-	Band Edge
	802.11n HT20	140	11400.00	42.67	54.00	-11.33	V	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
25	802.11n HT40	102	5469.20	64.10	68.20	-4.10	H	Peak	Pass	-	Band Edge
	802.11n HT40	102	11020.00	41.89	54.00	-12.11	V	Avg.	Pass	-	Harmonic
26	802.11n HT40	110	5467.20	61.99	68.20	-6.21	H	Peak	Pass	-	Band Edge
	802.11n HT40	110	11100.00	42.08	54.00	-11.92	V	Avg.	Pass	-	Harmonic
27	802.11n HT40	134	5725.39	64.70	68.20	-3.50	V	Peak	Pass	-	Band Edge
	802.11n HT40	134	11340.00	42.19	54.00	-11.81	V	Avg.	Pass	-	Harmonic
28	802.11ac VHT80	106	5458.54	48.89	54.00	-5.11	H	Avg.	Pass	-	Band Edge
	802.11ac VHT80	106	11060.00	42.44	54.00	-11.56	H	Avg.	Pass	-	Harmonic
29	802.11ac VHT80	122	5731.83	63.76	68.20	-4.44	V	Peak	Pass	-	Band Edge
	802.11ac VHT80	122	11220.00	42.58	54.00	-11.42	V	Avg.	Pass	-	Harmonic
30	802.11a	144	5457.64	37.39	54.00	-16.61	V	Avg.	Pass	-	Band Edge
	802.11a	144	11440.00	42.42	54.00	-11.58	H	Avg.	Pass	-	Harmonic
31	802.11n HT20	144	5456.47	37.35	54.00	-16.65	H	Avg.	Pass	-	Band Edge
	802.11n HT20	144	11440.00	42.58	54.00	-11.42	V	Avg.	Pass	-	Harmonic
32	802.11n HT40	142	5456.86	37.94	54.00	-16.06	V	Avg.	Pass	-	Band Edge
	802.11n HT40	142	11420.00	42.66	54.00	-11.34	V	Avg.	Pass	-	Harmonic
33	802.11ac VHT80	138	5859.40	59.49	68.20	-8.71	V	Peak	Pass	-	Band Edge
	802.11ac VHT80	138	11380.00	42.89	54.00	-11.11	H	Avg.	Pass	-	Harmonic
35	LF	64	84.32	29.96	40.00	-10.04	V	QP	Pass	-	LF

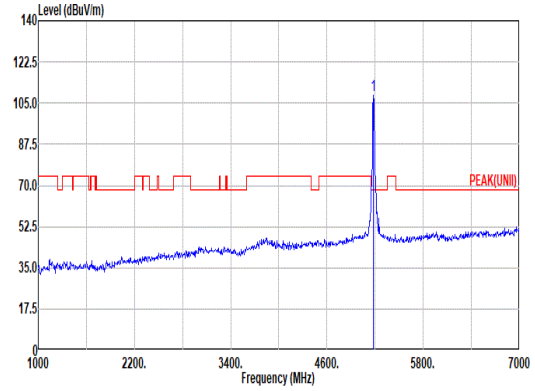
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

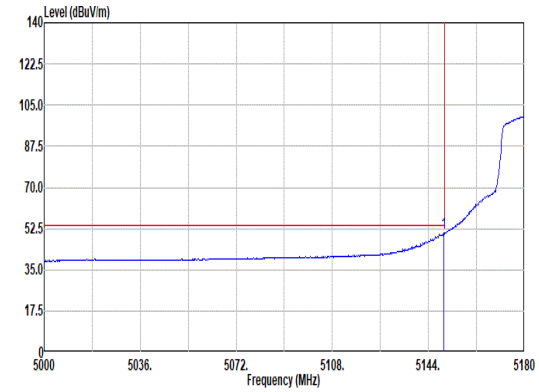
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.22	64.09	74.00	-9.91	55.73	33.30	12.80	37.74	0.00	110	70	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

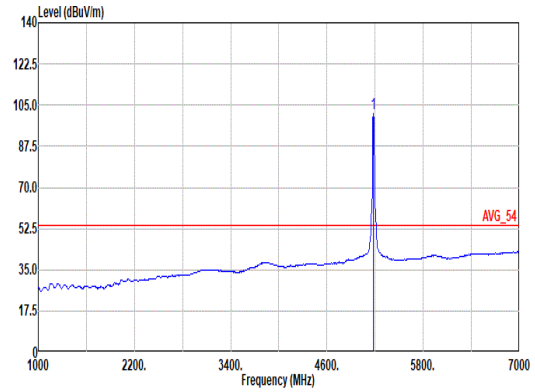
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	108.53	------	------	100.46	32.98	12.85	37.76	0.00	110	70	PEAK

Avg



Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 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	5149.76	50.54	54.00	-3.46	42.18	33.30	12.80	37.74	0.00	110	70	AVERAGE

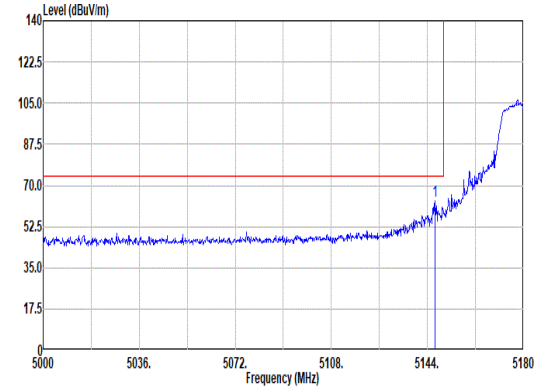


Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	101.40	------	------	93.33	32.98	12.85	37.76	0.00	110	70	AVERAGE

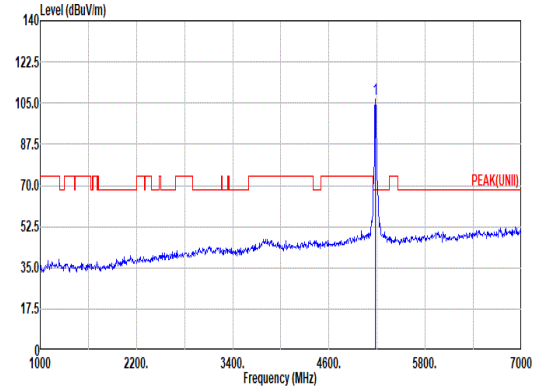
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

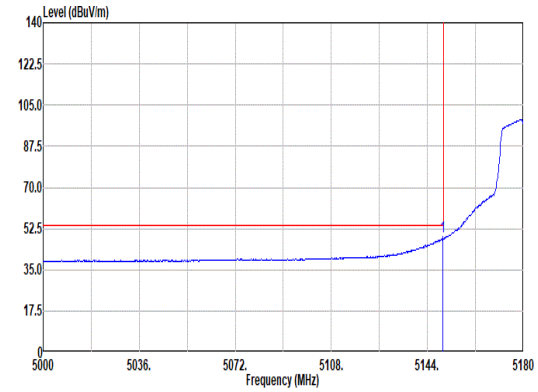
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5146.88	63.15	74.00	-10.85	54.80	33.29	12.80	37.74	0.00	104	307	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

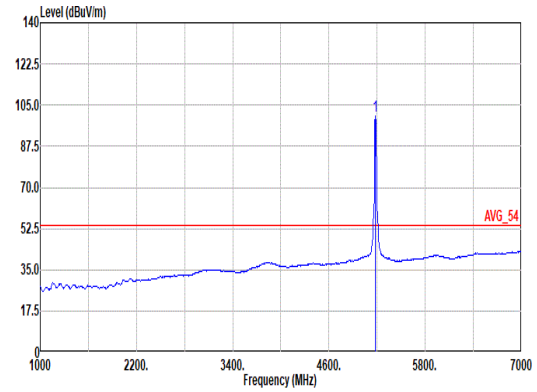
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	106.78	------	------	98.71	32.98	12.85	37.76	0.00	104	307	PEAK

Avg



Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 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	5149.76	48.97	54.00	-5.03	40.61	33.30	12.80	37.74	0.00	104	307	AVERAGE



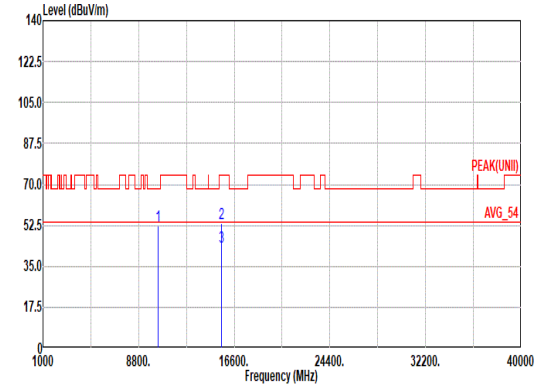
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	100.28	------	------	92.15	33.04	12.84	37.75	0.00	104	307	AVERAGE

Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Vertical

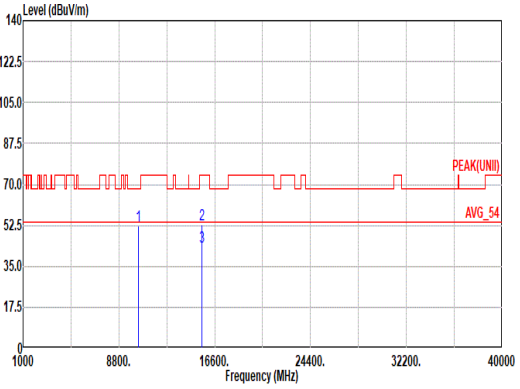
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10360.00	52.16	68.20	-16.04	35.49	38.80	18.40	41.36	0.83	--	--	PEAK
2	15540.00	53.17	74.00	-20.83	35.56	39.08	22.66	44.61	0.48	200	304	PEAK
3	15540.00	43.38	54.00	-10.62	25.77	39.08	22.66	44.61	0.48	200	304	Average

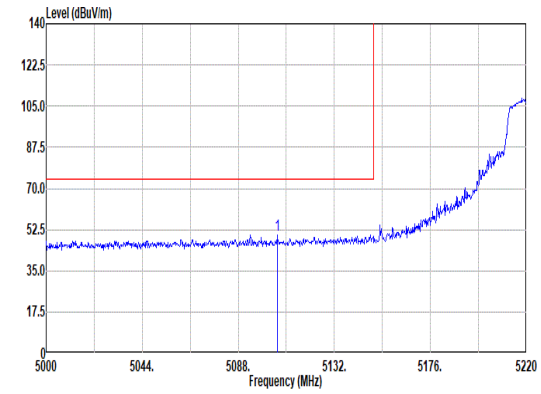


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10360.00	52.05	68.20	-16.15	35.38	38.80	18.40	41.36	0.83	--	--	PEAK
2	15540.00	52.90	74.00	-21.10	35.29	39.08	22.66	44.61	0.48	400	121	PEAK
3	15540.00	43.27	54.00	-10.73	25.66	39.08	22.66	44.61	0.48	400	121	Average

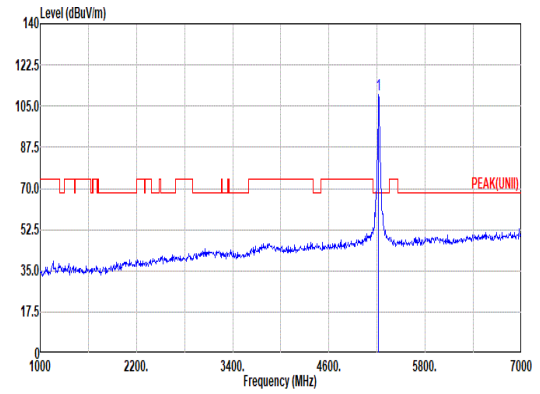
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

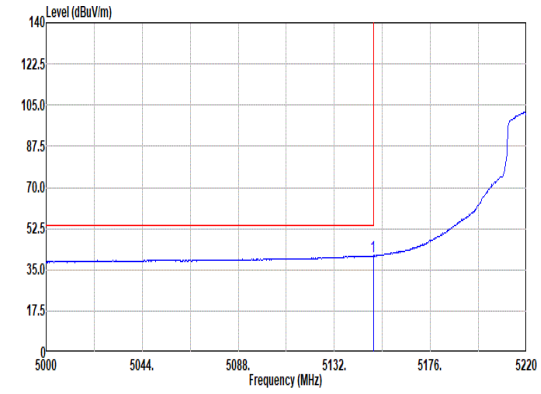
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5105.82	50.23	74.00	-23.77	41.99	33.21	12.75	37.72	0.00	100	67	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

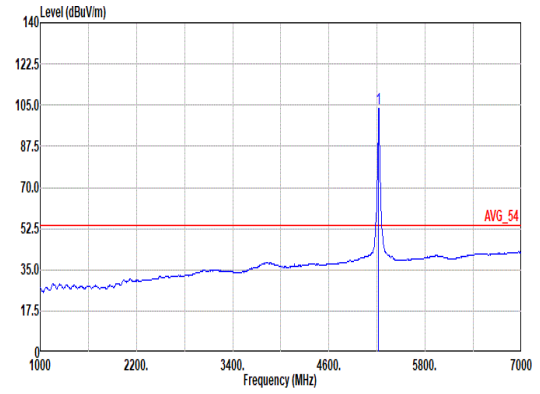
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	109.70	------	------	101.74	32.84	12.89	37.77	0.00	100	67	PEAK

Avg



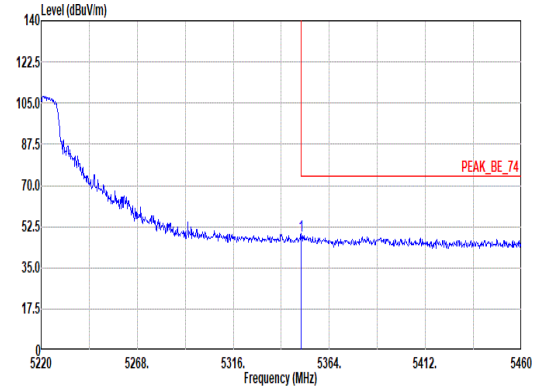
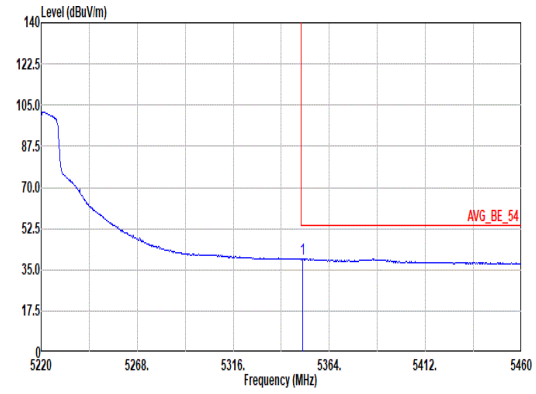
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	40.93	54.00	-13.07	32.57	33.30	12.80	37.74	0.00	100	67	AVERAGE



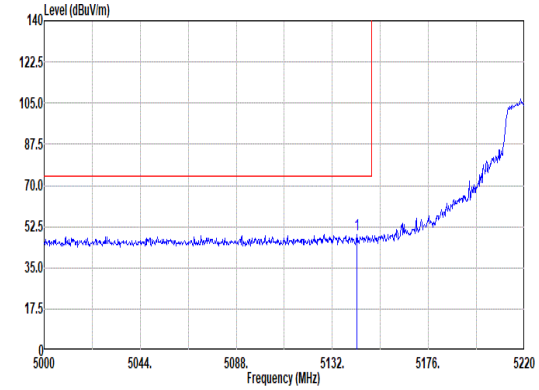
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	103.42	------	------	95.46	32.84	12.89	37.77	0.00	100	67	AVERAGE

Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.08 48.68 74.00 -25.32 40.36 33.10 13.06 37.84 0.00 100 67 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.56 39.77 54.00 -14.23 31.45 33.10 13.06 37.84 0.00 100 67 AVERAGE	Blank

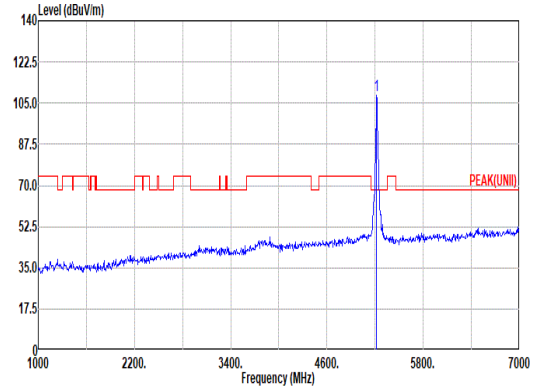
Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

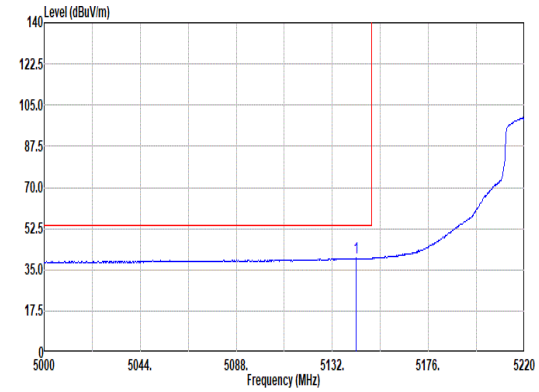
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5143.22	49.33	74.00	-24.67	40.98	33.29	12.80	37.74	0.00	100	307	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

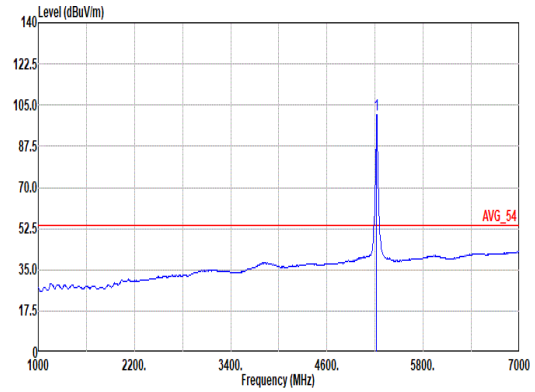
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	108.11	------	------	100.15	32.84	12.89	37.77	0.00	100	307	PEAK

Avg



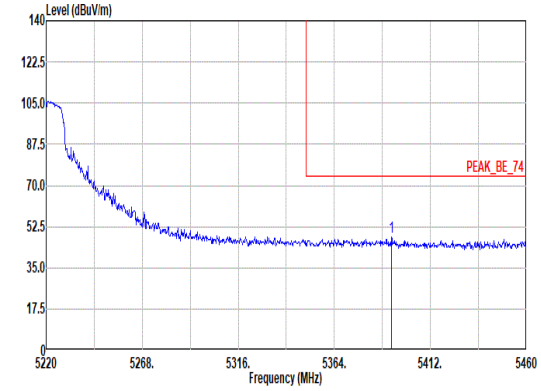
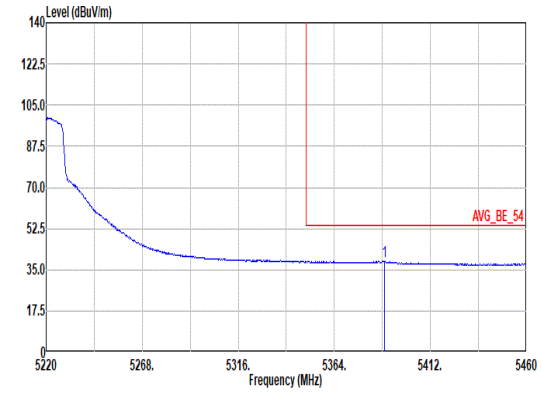
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5143.00	39.92	54.00	-14.08	31.57	33.29	12.80	37.74	0.00	100	307	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

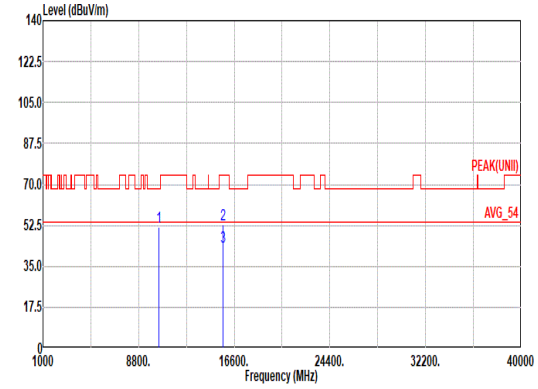
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	101.04	------	------	93.08	32.84	12.89	37.77	0.00	100	307	AVERAGE

Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5392.56 47.84 74.00 -26.16 39.49 33.10 13.11 37.86 0.00 100 307 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5388.96 38.59 54.00 -15.41 30.24 33.10 13.11 37.86 0.00 100 307 AVERAGE	Blank

Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Vertical

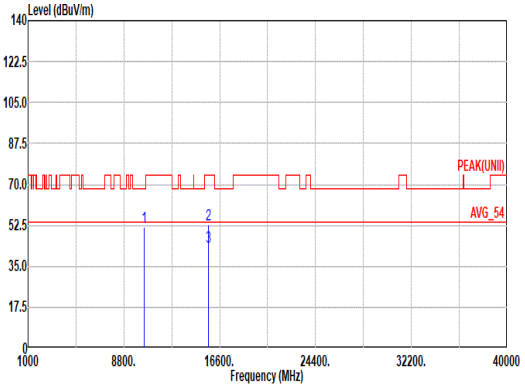
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10440.00	51.89	68.20	-16.31	35.27	38.72	18.47	41.39	0.82	--	--	PEAK
2	15660.00	53.04	74.00	-20.96	35.43	38.90	22.76	44.51	0.46	400	125	PEAK
3	15660.00	43.36	54.00	-10.64	25.75	38.90	22.76	44.51	0.46	400	125	Average

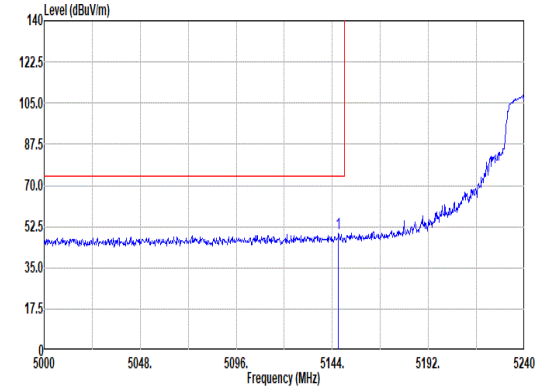


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10440.00	51.96	68.20	-16.24	35.34	38.72	18.47	41.39	0.82	--	--	PEAK
2	15660.00	53.00	74.00	-21.00	35.39	38.90	22.76	44.51	0.46	300	105	PEAK
3	15660.00	43.23	54.00	-10.77	25.62	38.90	22.76	44.51	0.46	300	105	Average

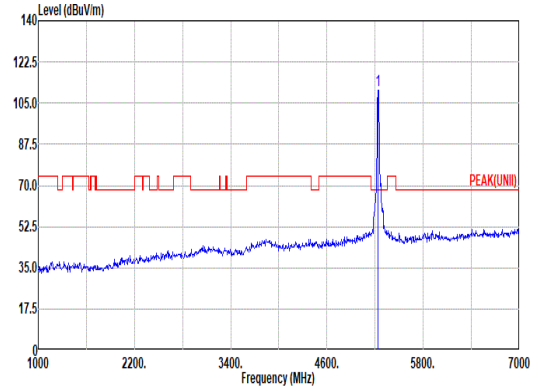
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

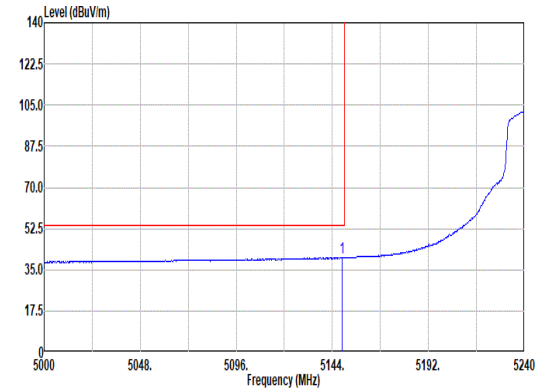
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.12	49.70	74.00	-24.30	41.35	33.29	12.80	37.74	0.00	100	70	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

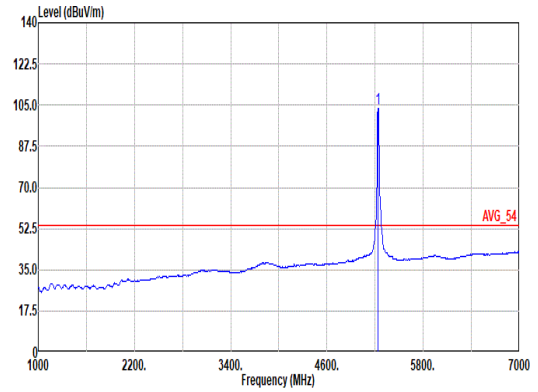
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	110.37	------	------	102.37	32.87	12.91	37.78	0.00	100	70	PEAK

Avg



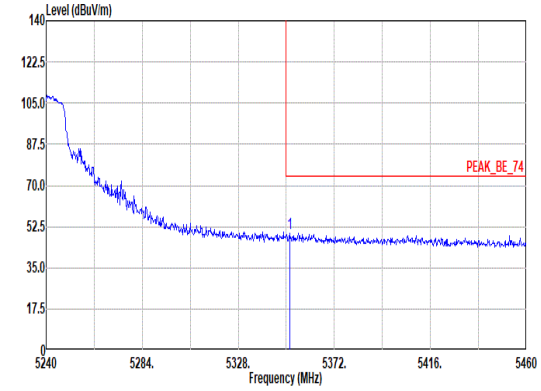
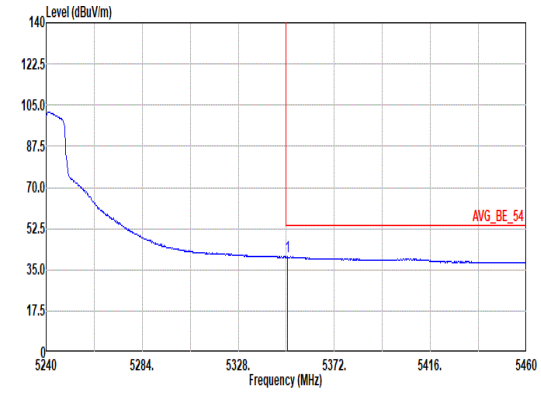
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5148.80	40.29	54.00	-13.71	31.93	33.30	12.80	37.74	0.00	100	70	AVERAGE



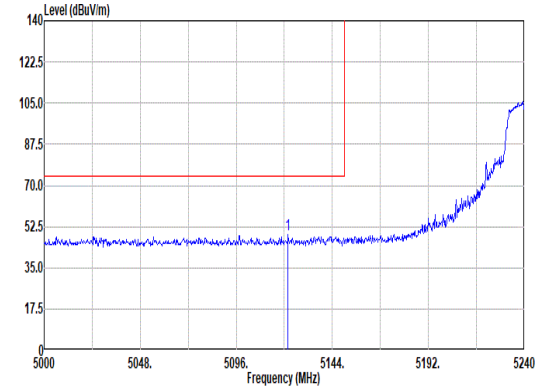
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	103.48	------	------	95.48	32.87	12.91	37.78	0.00	100	70	AVERAGE

Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.54 49.62 74.00 -24.38 41.30 33.10 13.06 37.84 0.00 100 70 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.66 40.56 54.00 -13.44 32.24 33.10 13.06 37.84 0.00 100 70 AVERAGE	Blank

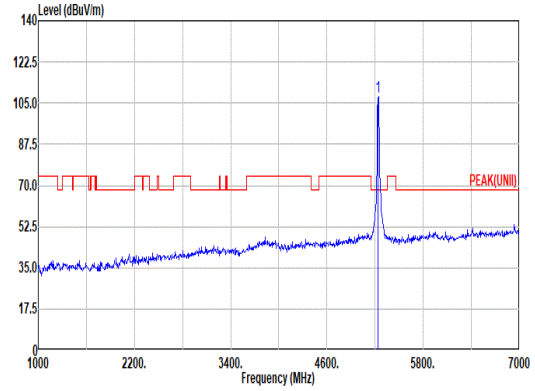
Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

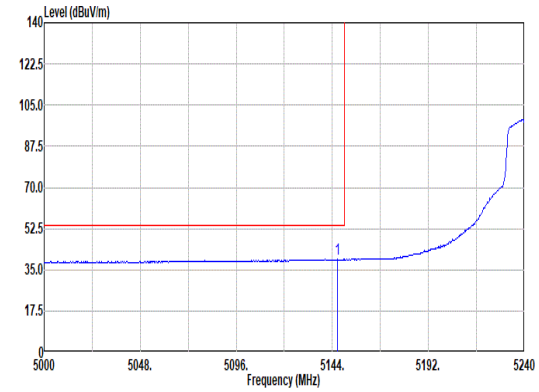
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5121.92	48.98	74.00	-25.02	40.70	33.24	12.77	37.73	0.00	100	305	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

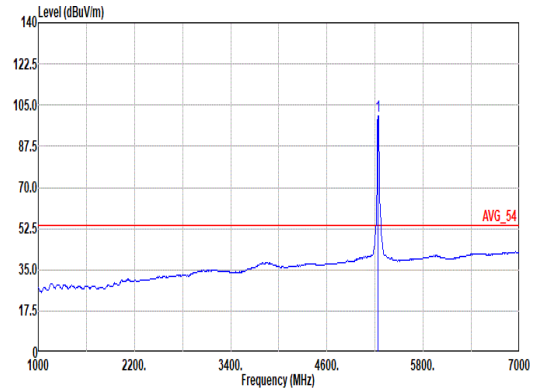
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	107.92	------	------	99.91	32.88	12.92	37.79	0.00	100	305	PEAK

Avg



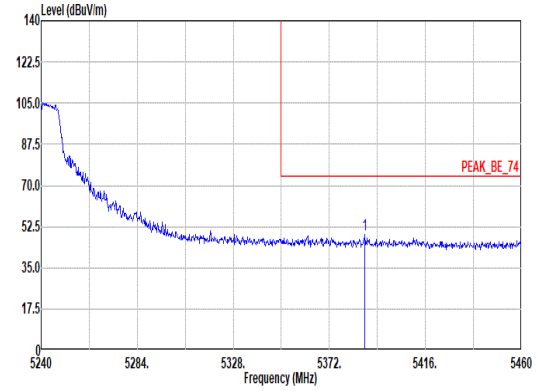
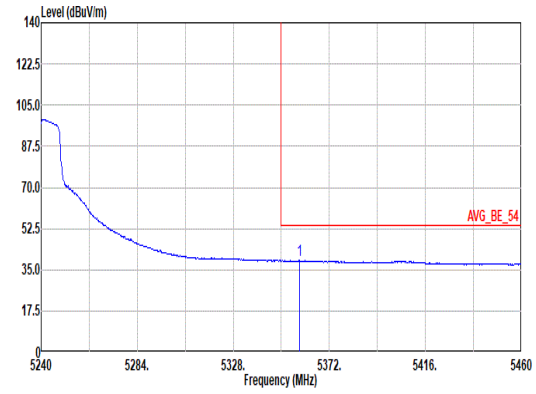
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5146.40	39.67	54.00	-14.33	31.32	33.29	12.80	37.74	0.00	100	305	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

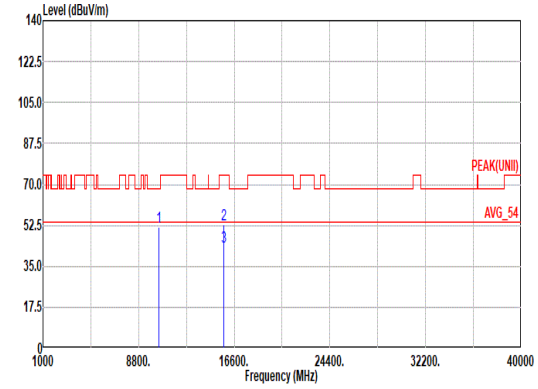
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	100.29	------	------	92.28	32.88	12.92	37.79	0.00	100	305	AVERAGE

Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5388.28 48.88 74.00 -25.12 40.53 33.10 13.11 37.86 0.00 100 305 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5358.36 38.90 54.00 -15.10 30.57 33.10 13.07 37.84 0.00 100 305 AVERAGE	Blank

Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Vertical

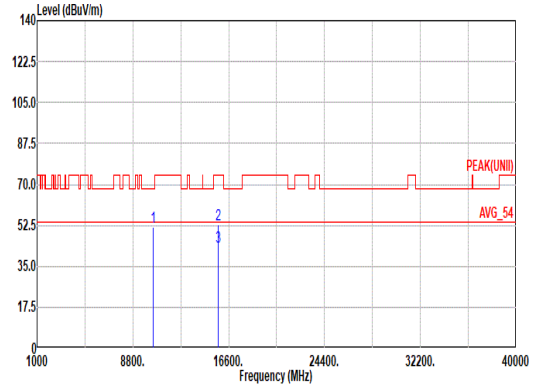
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	51.60	68.20	-16.60	35.05	38.64	18.51	41.41	0.81	--	--	PEAK
2	15720.00	52.80	74.00	-21.20	35.06	38.94	22.81	44.46	0.45	200	210	PEAK
3	15720.00	43.46	54.00	-10.54	25.72	38.94	22.81	44.46	0.45	200	210	Average

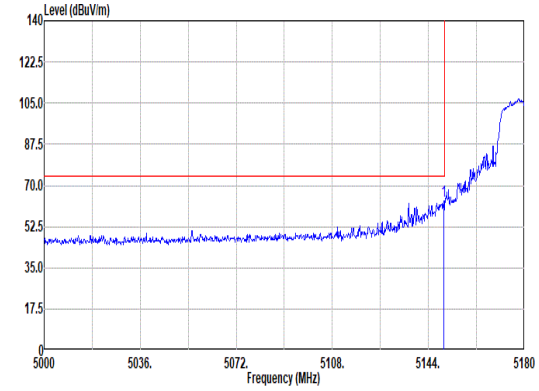


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	52.04	68.20	-16.16	35.49	38.64	18.51	41.41	0.81	--	--	PEAK
2	15720.00	52.71	74.00	-21.29	34.97	38.94	22.81	44.46	0.45	350	247	PEAK
3	15720.00	43.36	54.00	-10.64	25.62	38.94	22.81	44.46	0.45	350	247	Average

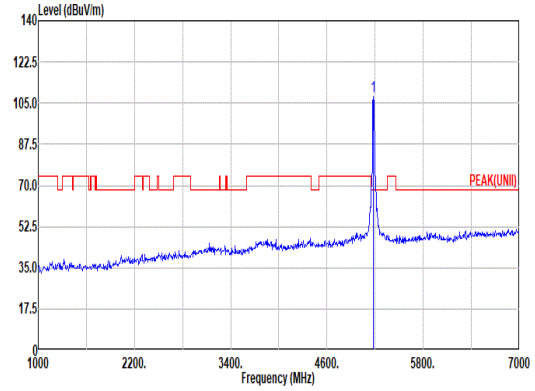
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

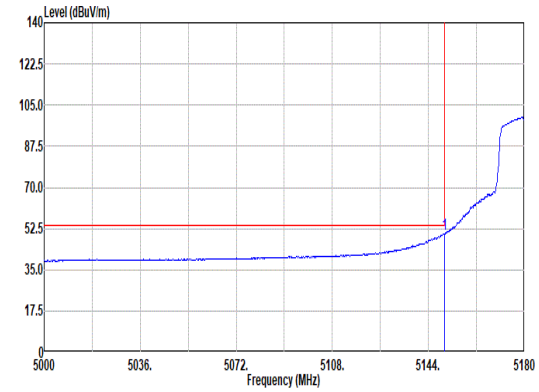
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.76	63.38	74.00	-10.62	55.02	33.30	12.80	37.74	0.00	100	66	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

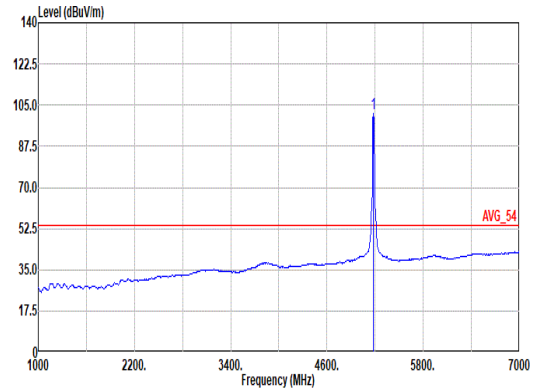
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	108.01	------	------	99.94	32.98	12.85	37.76	0.00	100	66	PEAK

Avg



Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.94	50.37	54.00	-3.63	42.01	33.30	12.80	37.74	0.00	100	66	AVERAGE

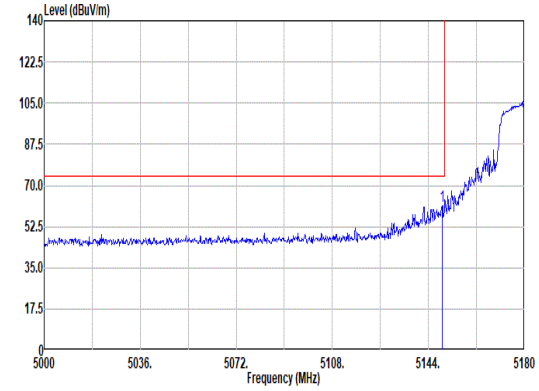


Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	101.29	------	------	93.16	33.04	12.84	37.75	0.00	100	66	AVERAGE

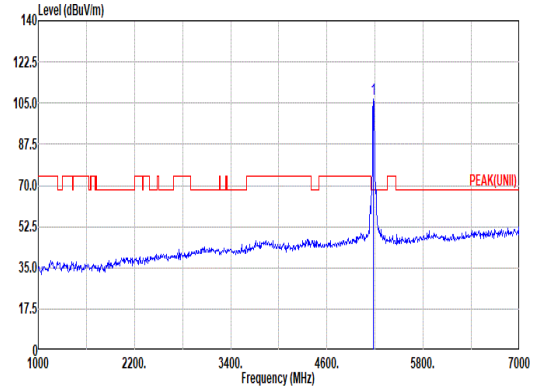
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

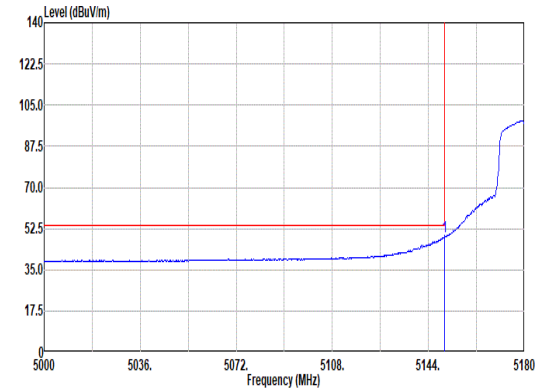
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.22	61.17	74.00	-12.83	52.81	33.30	12.80	37.74	0.00	100	306	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

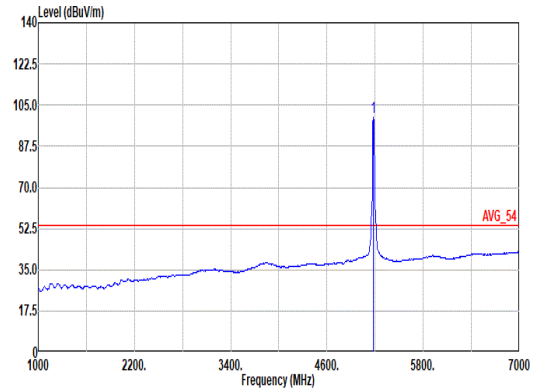
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	106.76	------	------	98.63	33.04	12.84	37.75	0.00	100	306	PEAK

Avg



Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.94	48.99	54.00	-5.01	40.63	33.30	12.80	37.74	0.00	100	306	AVERAGE



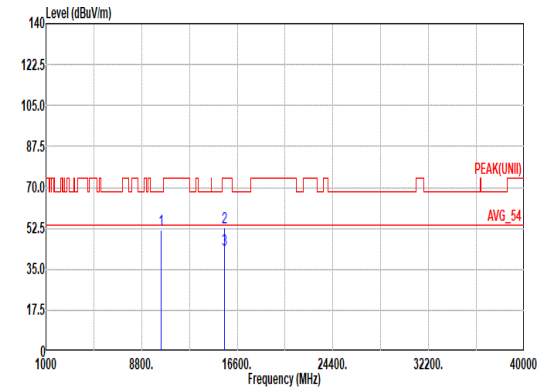
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	99.91	------	------	91.84	32.98	12.85	37.76	0.00	100	306	AVERAGE

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

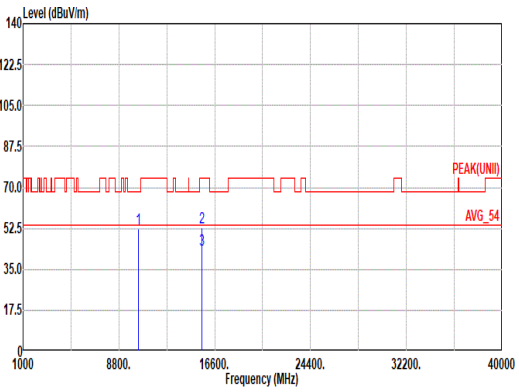
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10360.00	51.71	68.20	-16.49	35.04	38.80	18.40	41.36	0.83	--	--	PEAK
2	15540.00	53.02	74.00	-20.98	35.41	39.08	22.66	44.61	0.48	200	243	PEAK
3	15540.00	43.37	54.00	-10.63	25.76	39.08	22.66	44.61	0.48	200	243	Average

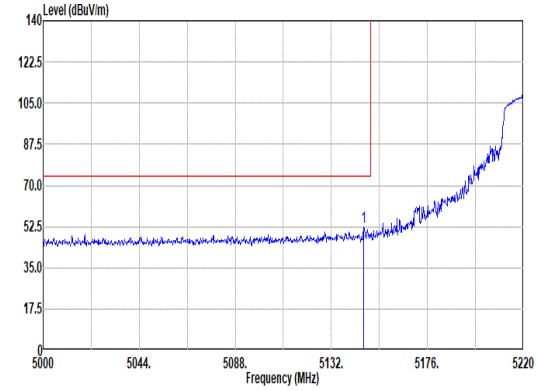


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10360.00	52.10	68.20	-16.10	35.43	38.80	18.40	41.36	0.83	--	--	PEAK
2	15540.00	52.70	74.00	-21.30	35.09	39.08	22.66	44.61	0.48	300	139	PEAK
3	15540.00	43.29	54.00	-10.71	25.68	39.08	22.66	44.61	0.48	300	139	Average

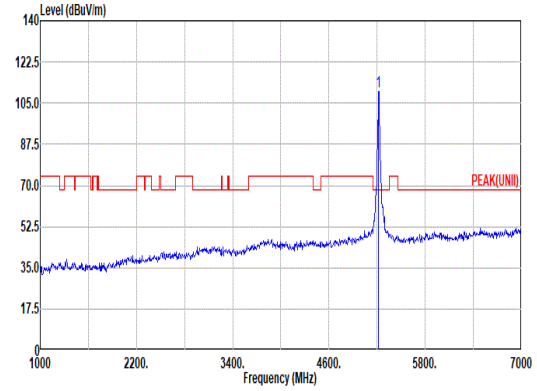
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

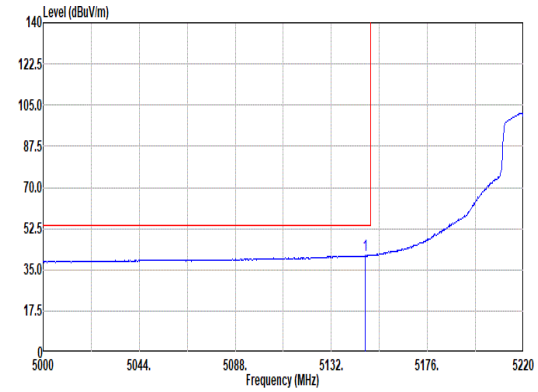
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5146.96	52.16	74.00	-21.84	43.81	33.29	12.80	37.74	0.00	100	70	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

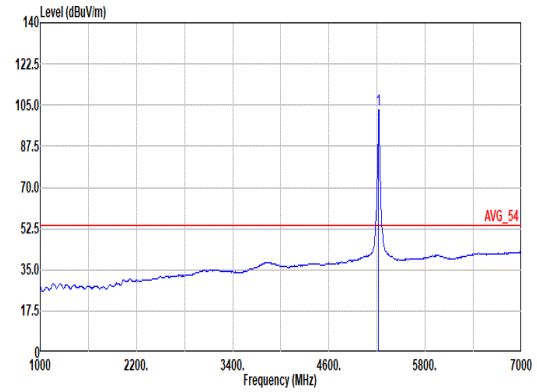
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	110.03	------	------	102.06	32.85	12.90	37.78	0.00	100	70	PEAK

Avg



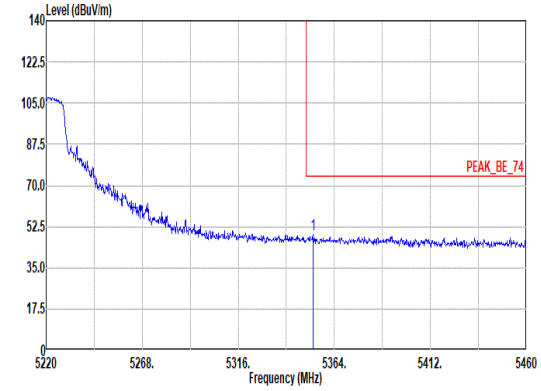
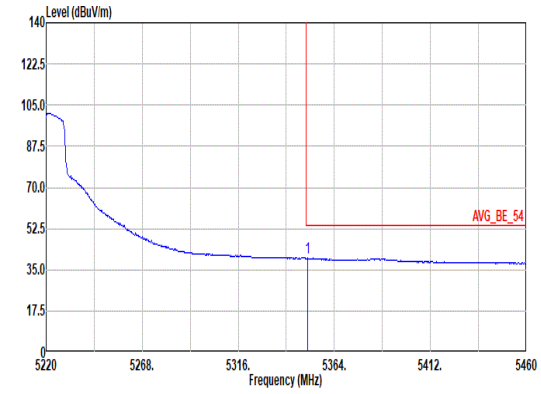
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	41.26	54.00	-12.74	32.91	33.29	12.80	37.74	0.00	100	70	AVERAGE



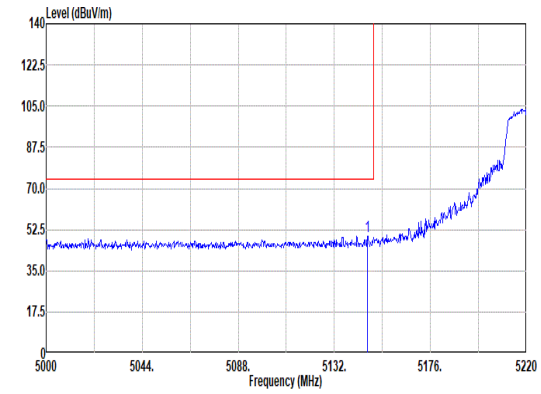
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	103.21	------	------	95.24	32.85	12.90	37.78	0.00	100	70	AVERAGE

Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.20 48.98 74.00 -25.02 40.66 33.10 13.06 37.84 0.00 100 70 PEAK	**Blank**
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.56 40.02 54.00 -13.98 31.70 33.10 13.06 37.84 0.00 100 70 AVERAGE	**Blank**

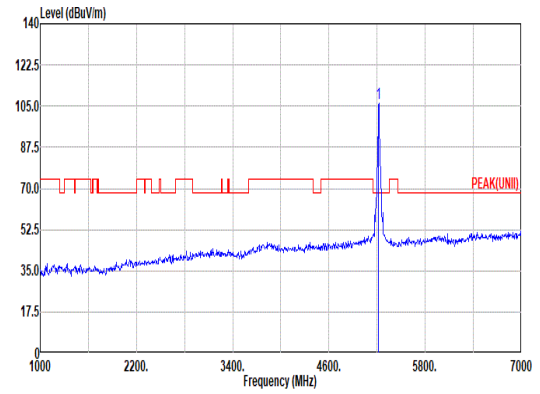
Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

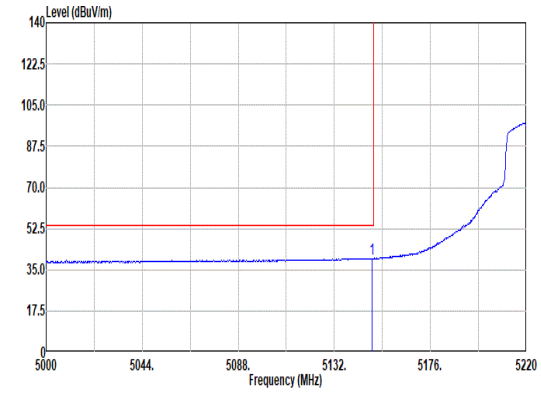
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.18	49.66	74.00	-24.34	41.31	33.29	12.80	37.74	0.00	100	303	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

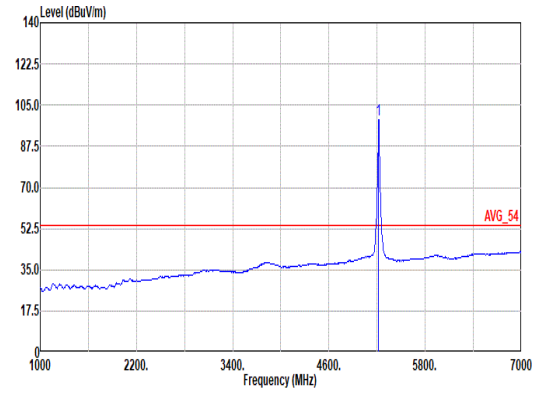
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	106.00	------	------	98.03	32.85	12.90	37.78	0.00	100	303	PEAK

Avg



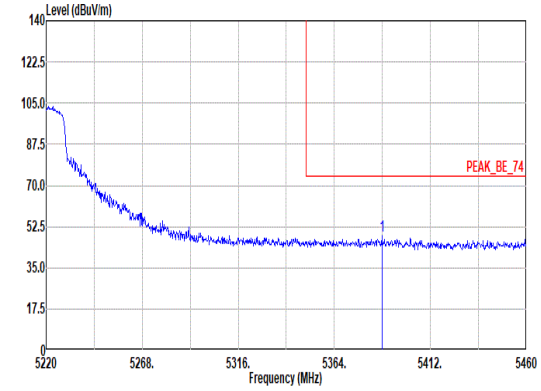
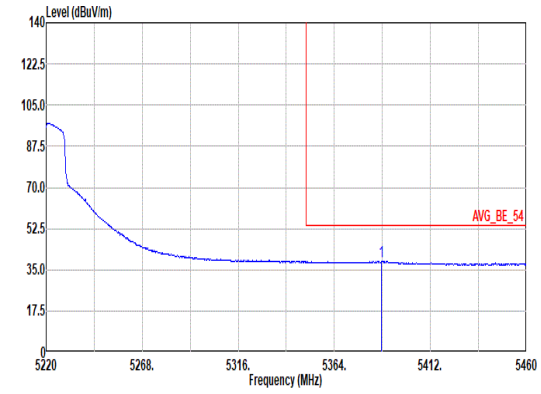
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

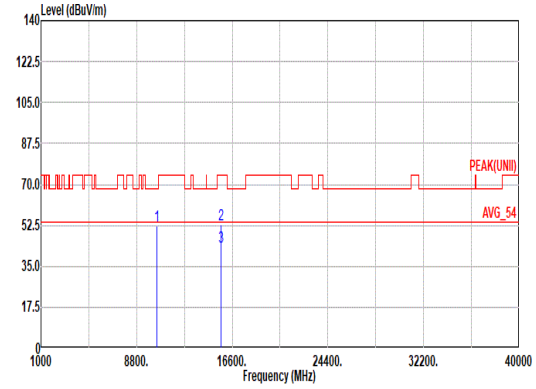
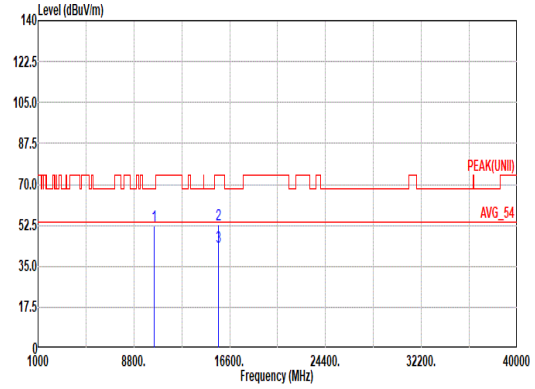
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.16	39.83	54.00	-14.17	31.47	33.30	12.80	37.74	0.00	100	303	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

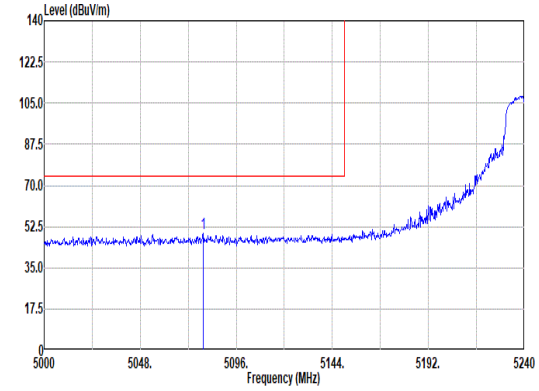
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5220.00	98.79	------	------	90.82	32.85	12.90	37.78	0.00	100	303	AVERAGE

Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5387.76 48.40 74.00 -25.60 40.06 33.10 13.10 37.86 0.00 100 303 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.820kHz 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 5387.52 38.64 54.00 -15.36 30.30 33.10 13.10 37.86 0.00 100 303 AVERAGE	Blank

Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH44_5220MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL 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 10440.00 52.18 68.20 -16.02 35.56 38.72 18.47 41.39 0.82 -- -- PEAK 2 15660.00 52.58 74.00 -21.42 34.97 38.90 22.76 44.51 0.46 156 35 PEAK 3 15660.00 43.44 54.00 -10.56 25.83 38.90 22.76 44.51 0.46 156 35 Average	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL 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 10440.00 52.54 68.20 -15.66 35.92 38.72 18.47 41.39 0.82 -- -- PEAK 2 15660.00 52.76 74.00 -21.24 35.15 38.90 22.76 44.51 0.46 215 95 PEAK 3 15660.00 43.51 54.00 -10.49 25.90 38.90 22.76 44.51 0.46 215 95 Average

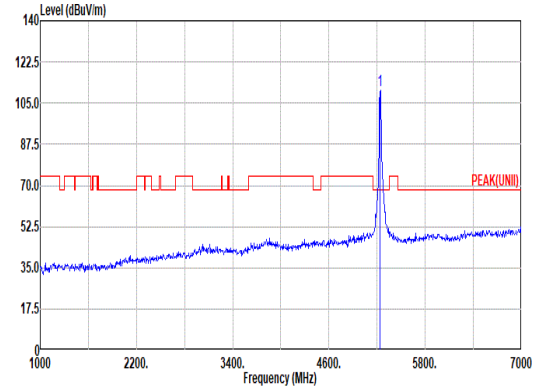
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

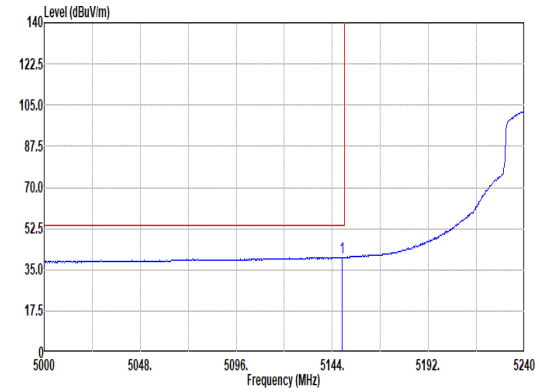
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5079.44	49.41	74.00	-24.59	41.17	33.24	12.71	37.71	0.00	100	71	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

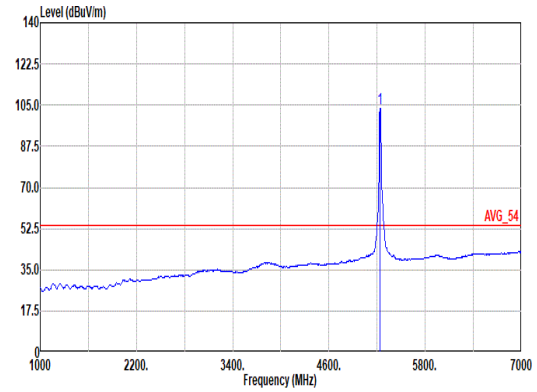
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	110.21	------	------	102.20	32.88	12.92	37.79	0.00	100	71	PEAK

Avg



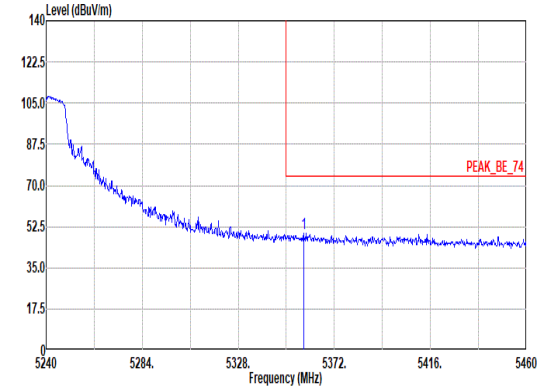
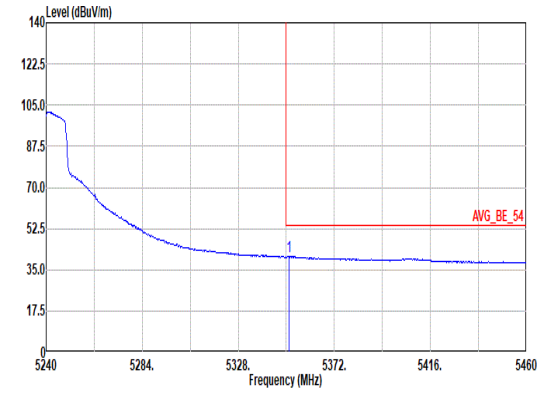
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	40.31	54.00	-13.69	31.95	33.30	12.80	37.74	0.00	100	71	AVERAGE



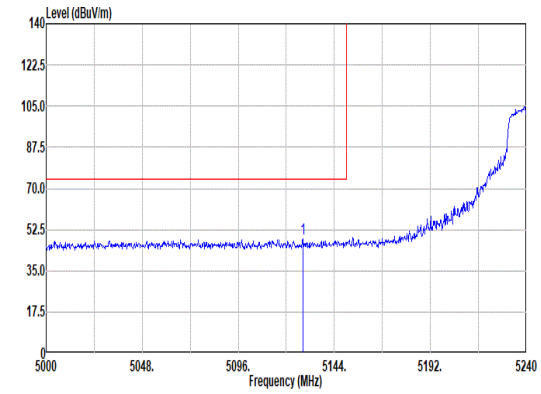
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	103.56	------	------	95.55	32.88	12.92	37.79	0.00	100	71	AVERAGE

Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5357.92 49.60 74.00 -24.40 41.27 33.10 13.07 37.84 0.00 100 71 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz 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 5351.32 40.68 54.00 -13.32 32.36 33.10 13.06 37.84 0.00 100 71 AVERAGE	Blank

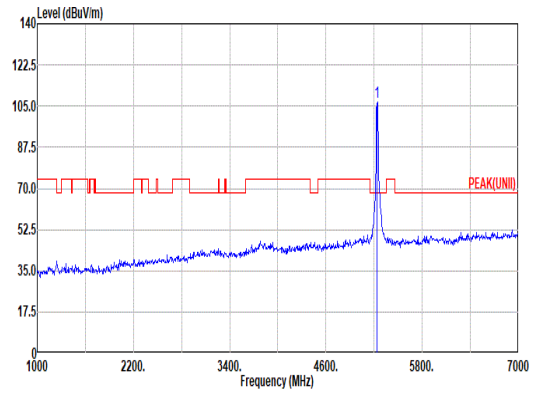
Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

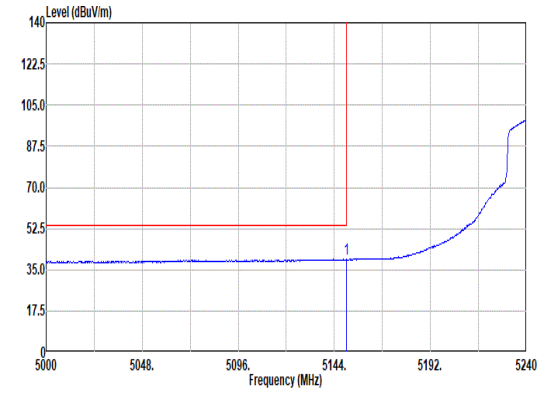
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5128.16	48.44	74.00	-25.56	40.13	33.26	12.78	37.73	0.00	100	310	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

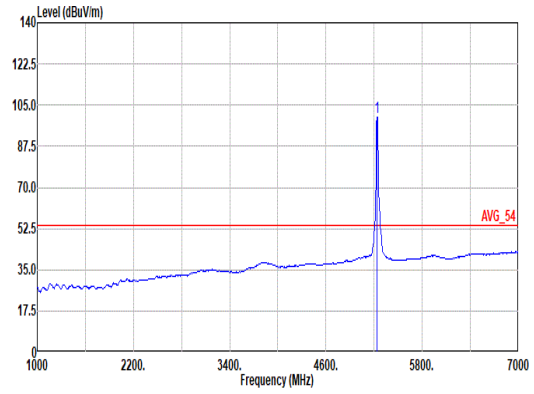
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	106.55	------	------	98.54	32.88	12.92	37.79	0.00	100	310	PEAK

Avg



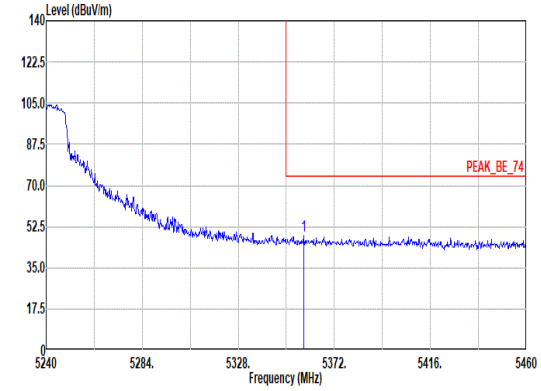
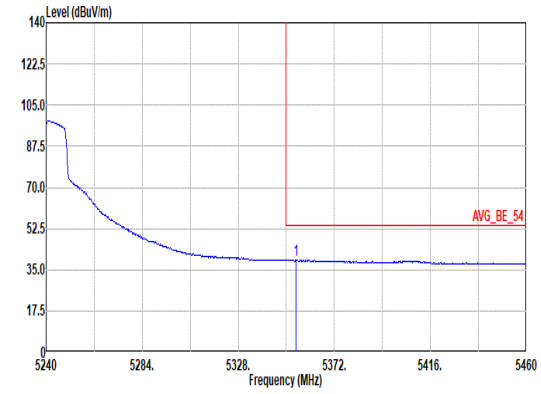
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5150.00	39.48	54.00	-14.52	31.11	33.30	12.81	37.74	0.00	100	310	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

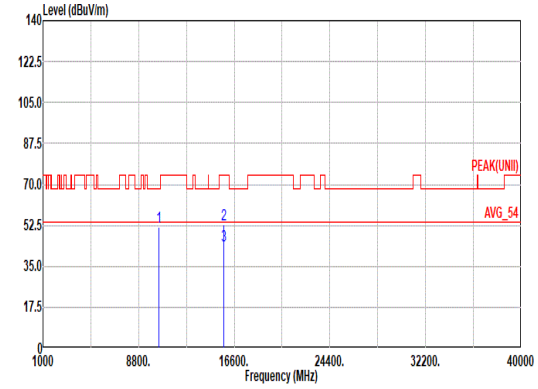
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5240.00	99.77	------	------	91.76	32.88	12.92	37.79	0.00	100	310	AVERAGE

Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5357.92 48.40 74.00 -25.60 40.07 33.10 13.07 37.84 0.00 100 310 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.820kHz 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 5354.62 39.08 54.00 -14.92 30.76 33.10 13.06 37.84 0.00 100 310 AVERAGE	Blank

Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH48_5240MHz	
ANT	4	
Pol.	Horizontal	Vertical

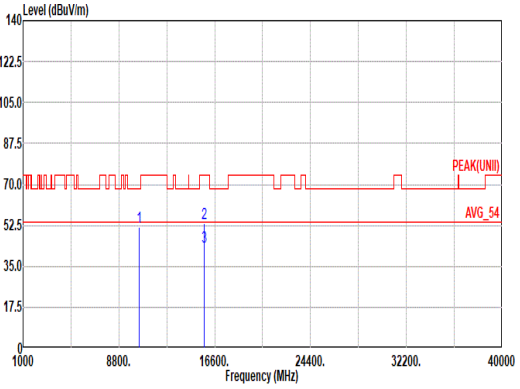
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	51.72	68.20	-16.48	35.17	38.64	18.51	41.41	0.81	--	--	PEAK
2	15720.00	52.75	74.00	-21.25	35.01	38.94	22.81	44.46	0.45	249	66	PEAK
3	15720.00	43.85	54.00	-10.15	26.11	38.94	22.81	44.46	0.45	249	66	Average

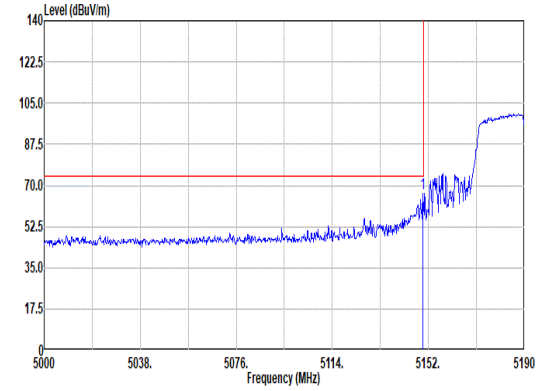


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10480.00	51.78	68.20	-16.42	35.23	38.64	18.51	41.41	0.81	--	--	PEAK
2	15720.00	53.56	74.00	-20.44	35.82	38.94	22.81	44.46	0.45	154	35	PEAK
3	15720.00	43.37	54.00	-10.63	25.63	38.94	22.81	44.46	0.45	154	35	Average

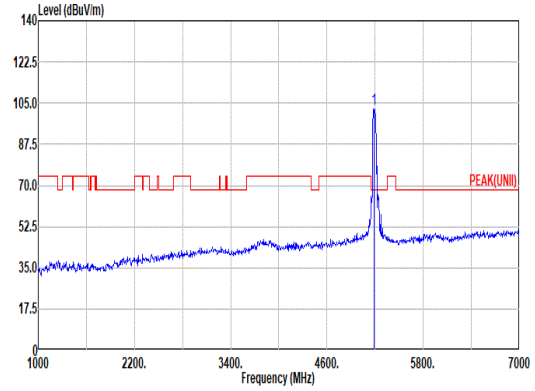
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

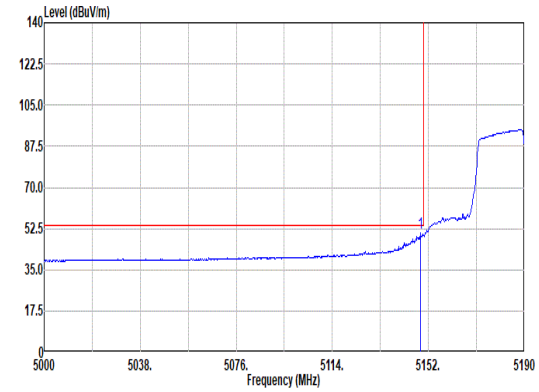
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.91	66.44	74.00	-7.56	58.08	33.30	12.80	37.74	0.00	106	67	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

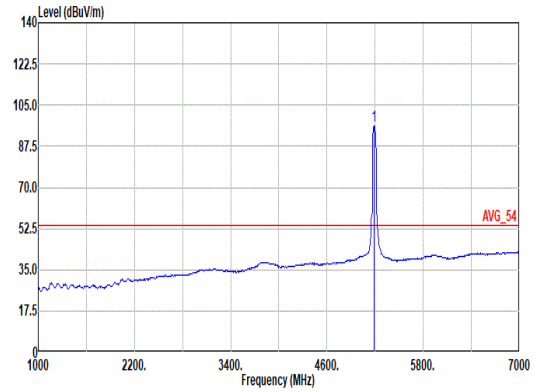
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	102.38	------	------	94.31	32.98	12.85	37.76	0.00	106	67	PEAK

Avg



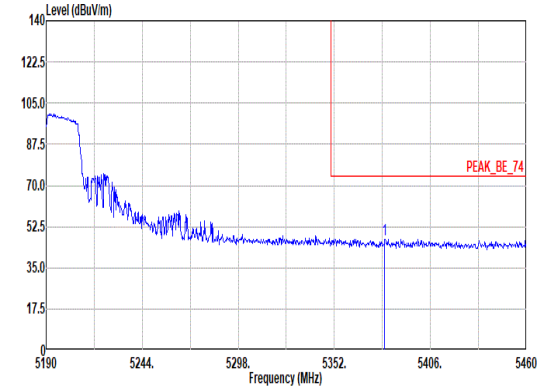
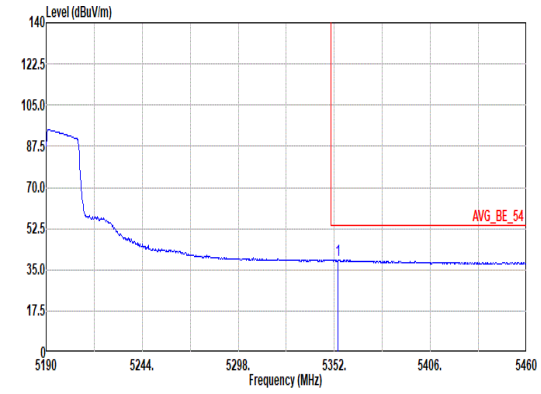
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	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	5148.77	50.89	54.00	-3.11	42.53	33.30	12.80	37.74	0.00	106	67	AVERAGE



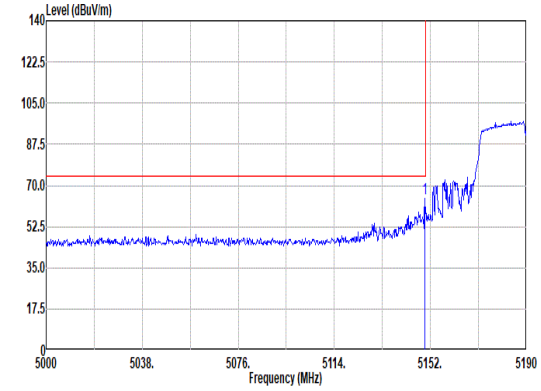
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	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	96.04	------	------	88.03	32.92	12.85	37.76	0.00	106	67	AVERAGE

Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5380.35 47.17 74.00 -26.83 38.82 33.10 13.10 37.85 0.00 106 67 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5353.89 39.15 54.00 -14.85 30.83 33.10 13.06 37.84 0.00 106 67 AVERAGE	Blank

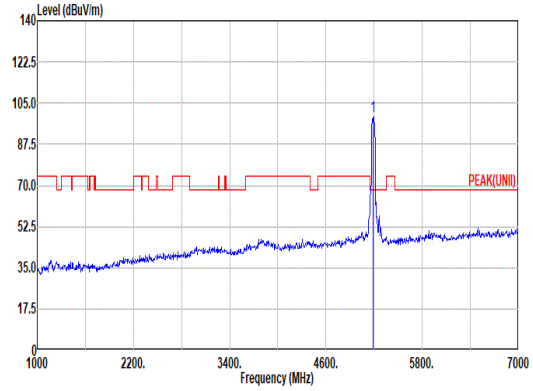
Mode	7	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

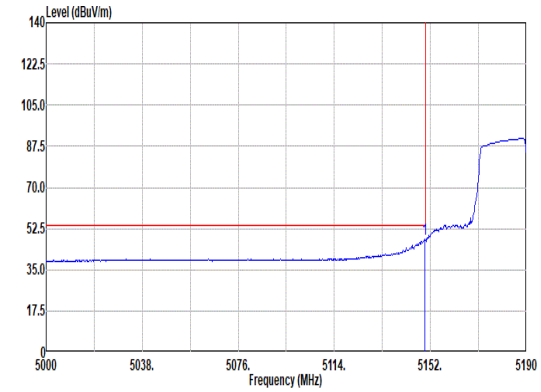
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.91	64.35	74.00	-9.65	55.99	33.30	12.80	37.74	0.00	400	341	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

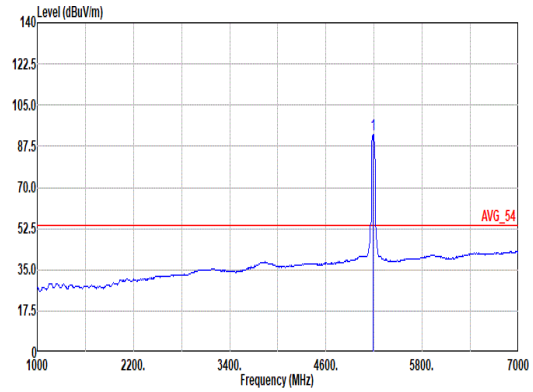
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	99.32	------	------	91.36	32.86	12.86	37.76	0.00	400	341	PEAK

Avg



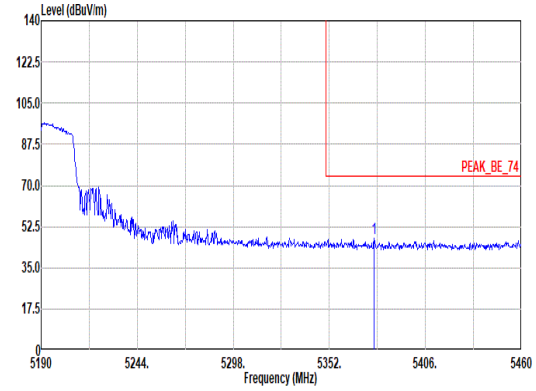
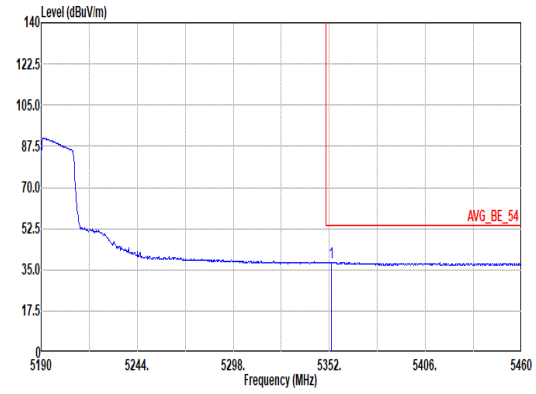
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	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	5149.72	47.95	54.00	-6.05	39.59	33.30	12.80	37.74	0.00	400	341	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

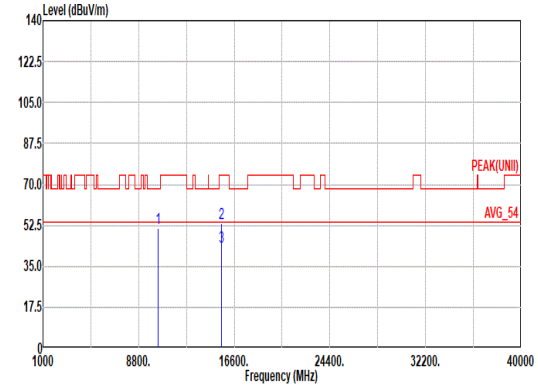
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5190.00	92.28	------	------	84.32	32.86	12.86	37.76	0.00	400	341	AVERAGE

Mode	7	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5377.11 47.57 74.00 -26.43 39.23 33.10 13.09 37.85 0.00 400 341 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5353.35 38.20 54.00 -15.80 29.88 33.10 13.06 37.84 0.00 400 341 AVERAGE	Blank

Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH38_5190MHz	
ANT	4	
Pol.	Horizontal	Vertical

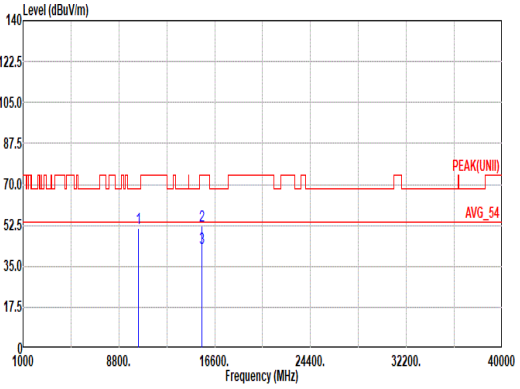
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10380.00	51.33	68.20	-16.87	34.65	38.80	18.42	41.36	0.82	--	--	PEAK
2	15570.00	53.37	74.00	-20.63	35.65	39.14	22.69	44.58	0.47	300	62	PEAK
3	15570.00	43.14	54.00	-10.86	25.42	39.14	22.69	44.58	0.47	300	62	Average

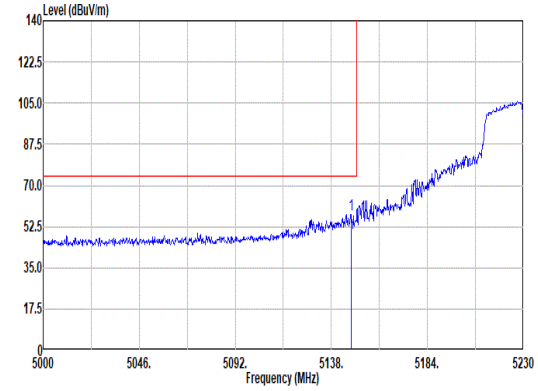


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10380.00	51.35	68.20	-16.85	34.67	38.80	18.42	41.36	0.82	--	--	PEAK
2	15570.00	52.13	74.00	-21.87	34.41	39.14	22.69	44.58	0.47	300	356	PEAK
3	15570.00	43.04	54.00	-10.96	25.32	39.14	22.69	44.58	0.47	300	356	Average

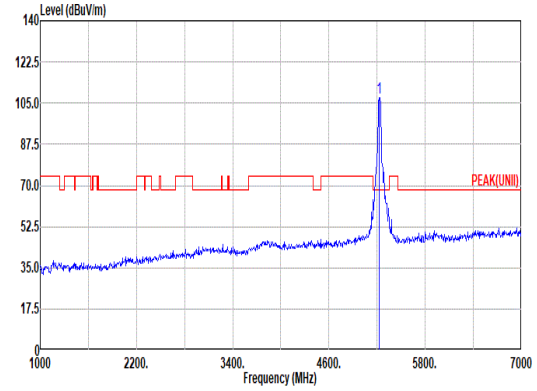
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

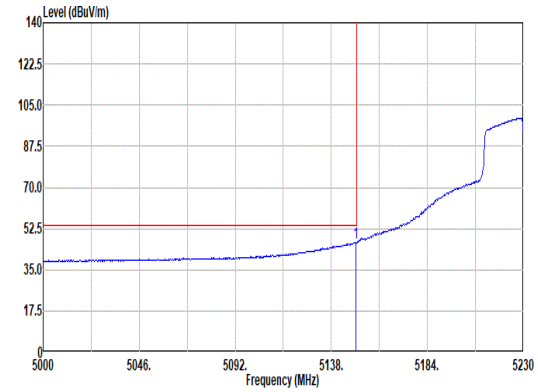
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5147.43	57.41	74.00	-16.59	49.06	33.29	12.80	37.74	0.00	100	68	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

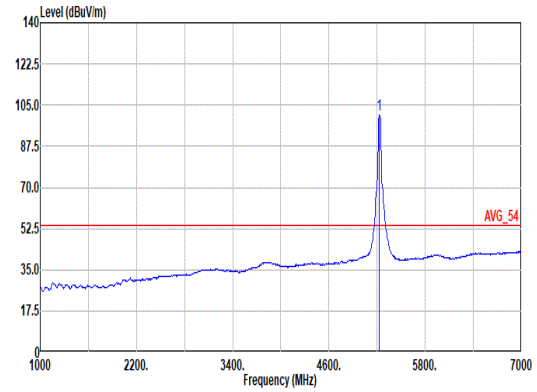
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	107.48	------	------	99.49	32.86	12.91	37.78	0.00	100	68	PEAK

Avg



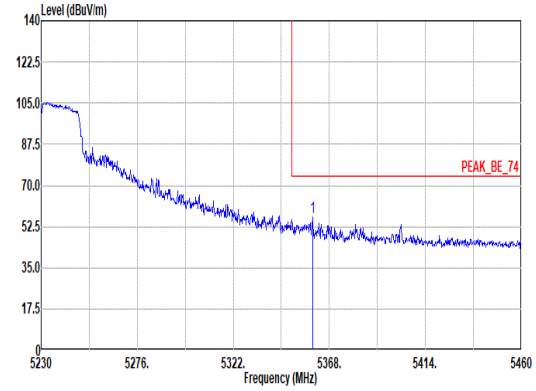
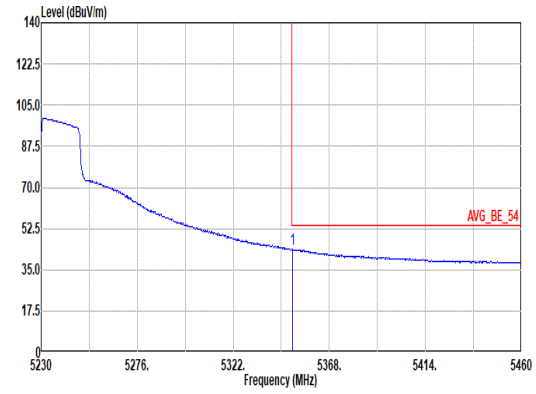
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	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	5149.73	46.73	54.00	-7.27	38.37	33.30	12.80	37.74	0.00	100	68	AVERAGE



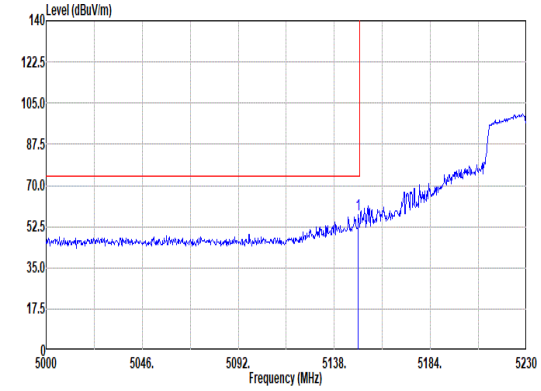
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	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	100.76	------	------	92.77	32.86	12.91	37.78	0.00	100	68	AVERAGE

Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5359.95 56.48 74.00 -17.52 48.15 33.10 13.07 37.84 0.00 100 68 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.52 43.81 54.00 -10.19 35.49 33.10 13.06 37.84 0.00 100 68 AVERAGE	Blank

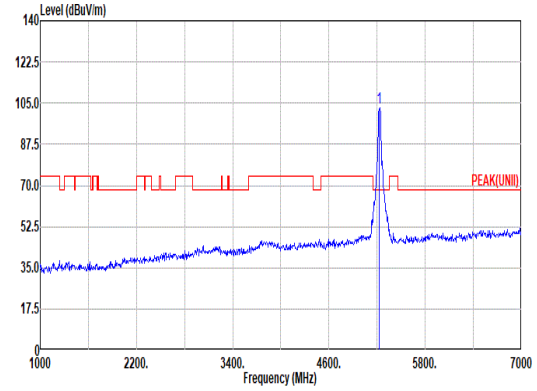
Mode	8	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

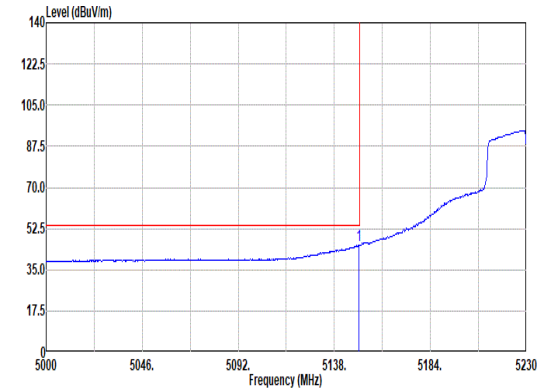
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.50	57.76	74.00	-16.24	49.40	33.30	12.80	37.74	0.00	400	342	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

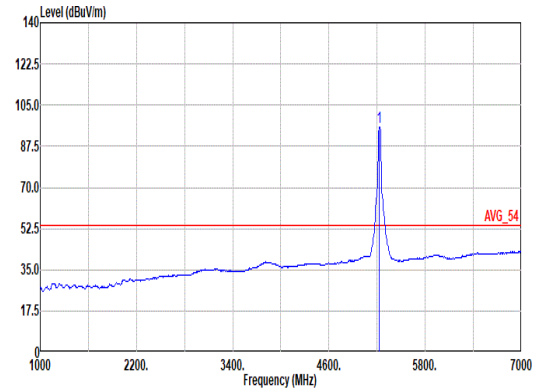
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	102.80	------	------	94.80	32.87	12.91	37.78	0.00	400	342	PEAK

Avg



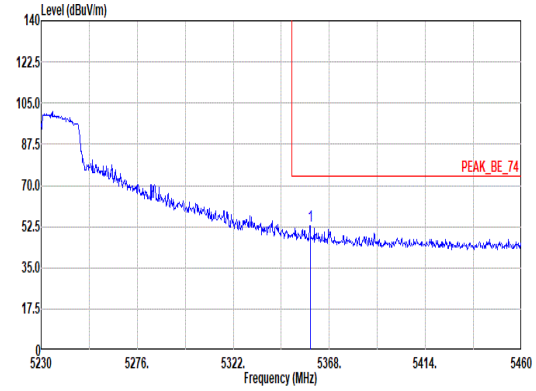
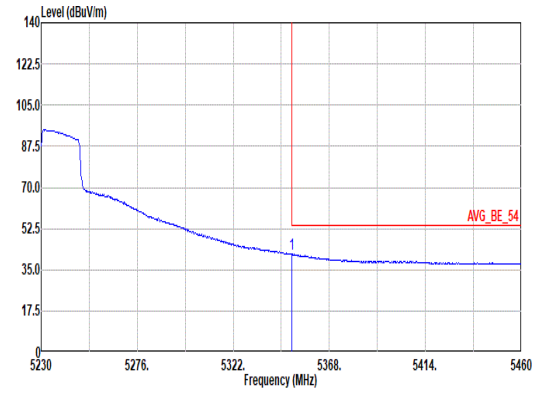
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

	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	5149.73	45.43	54.00	-8.57	37.07	33.30	12.80	37.74	0.00	400	342	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz SWT:Auto

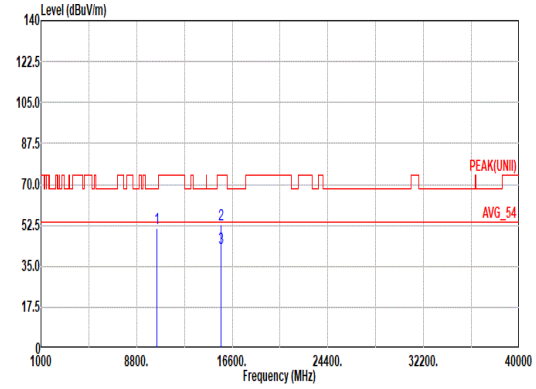
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5230.00	95.87	------	------	87.88	32.86	12.91	37.78	0.00	400	342	AVERAGE

Mode	8	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5358.80 53.07 74.00 -20.93 44.74 33.10 13.07 37.84 0.00 400 342 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.06 41.71 54.00 -12.29 33.39 33.10 13.06 37.84 0.00 400 342 AVERAGE	Blank

Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT40_CH46_5230MHz	
ANT	4	
Pol.	Horizontal	Vertical

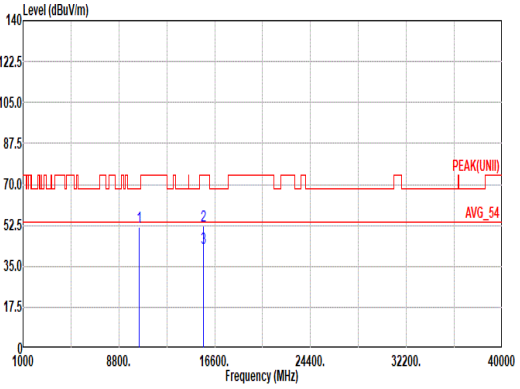
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10460.00	51.32	68.20	-16.88	34.73	38.68	18.49	41.40	0.82	--	--	PEAK
2	15690.00	52.63	74.00	-21.37	34.97	38.90	22.79	44.48	0.45	400	352	PEAK
3	15690.00	43.00	54.00	-11.00	25.34	38.90	22.79	44.48	0.45	400	352	Average

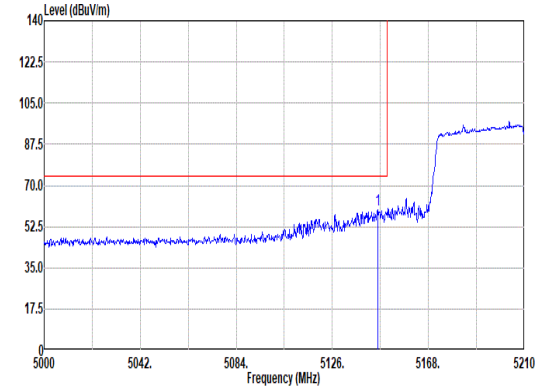


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10460.00	51.81	68.20	-16.39	35.22	38.68	18.49	41.40	0.82	--	--	PEAK
2	15690.00	52.55	74.00	-21.45	34.89	38.90	22.79	44.48	0.45	200	67	PEAK
3	15690.00	42.96	54.00	-11.04	25.30	38.90	22.79	44.48	0.45	200	67	Average

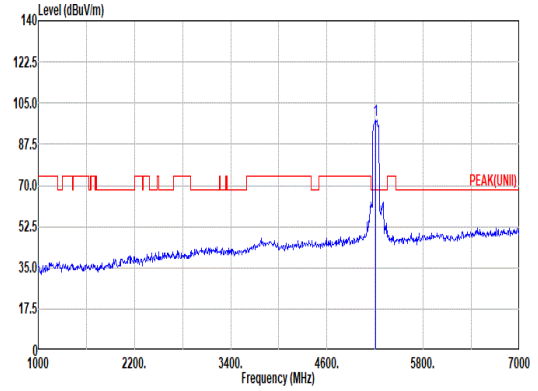
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

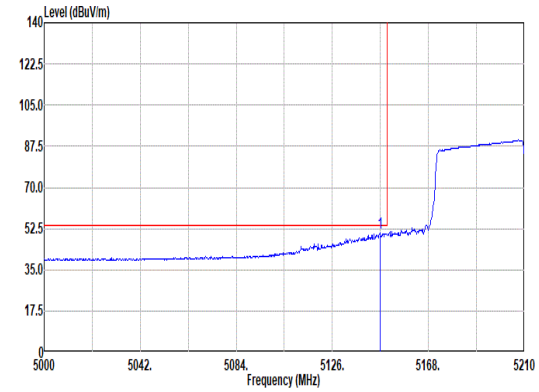
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5145.74	59.95	74.00	-14.05	51.60	33.29	12.80	37.74	0.00	112	68	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

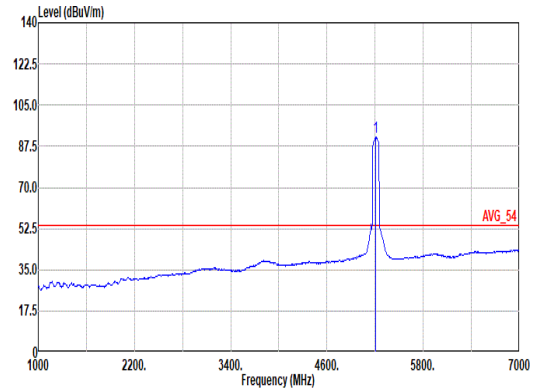
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	97.80	------	------	89.88	32.81	12.88	37.77	0.00	112	68	PEAK

Avg



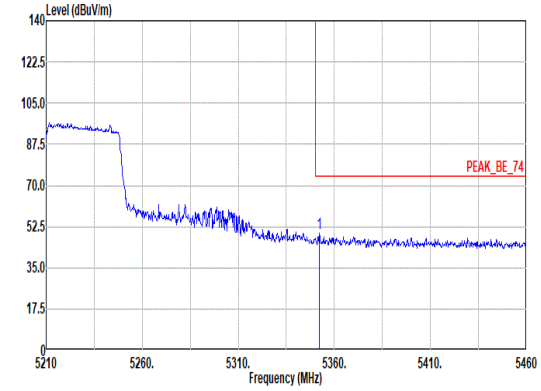
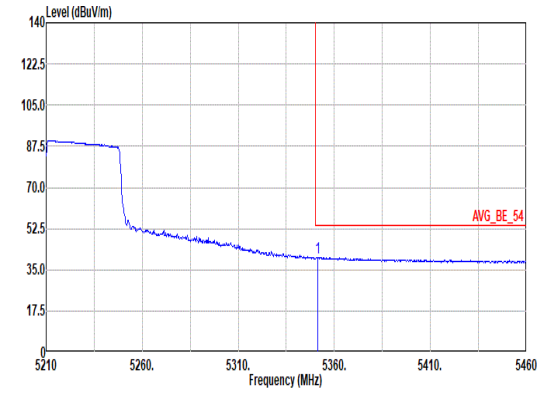
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3.300kHz SWT:Auto

	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	5146.79	50.51	54.00	-3.49	42.16	33.29	12.80	37.74	0.00	112	68	AVERAGE



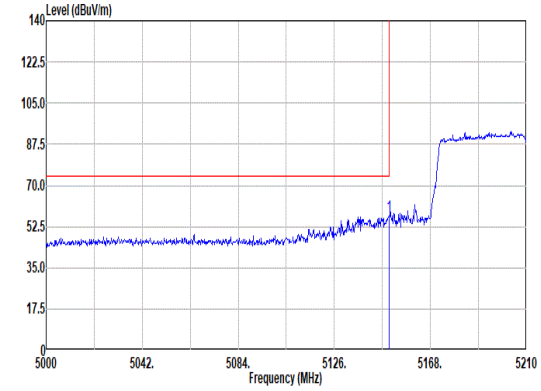
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3.300kHz SWT:Auto

	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	91.45	------	------	83.53	32.81	12.88	37.77	0.00	112	68	AVERAGE

Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.00 49.47 74.00 -24.53 41.15 33.10 13.06 37.84 0.00 112 68 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3.300kHz 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 5351.50 40.23 54.00 -13.77 31.91 33.10 13.06 37.84 0.00 112 68 AVERAGE	Blank

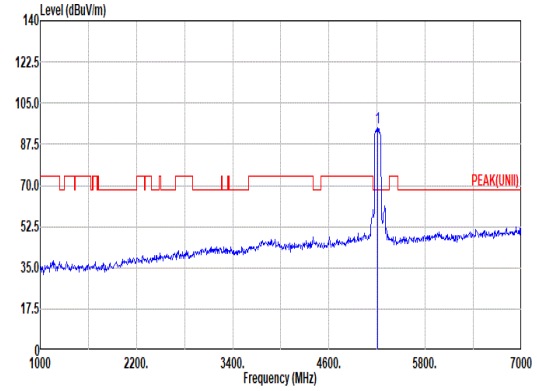
Mode	9	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

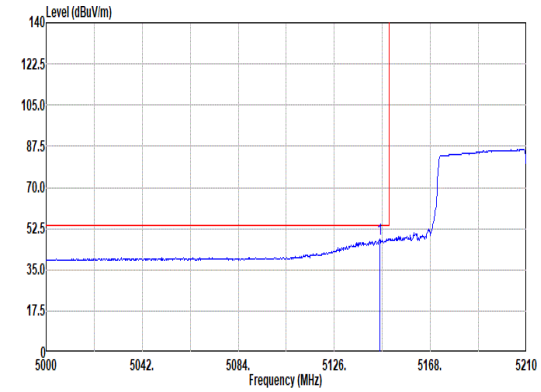
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.94	57.31	74.00	-16.69	48.95	33.30	12.80	37.74	0.00	398	343	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

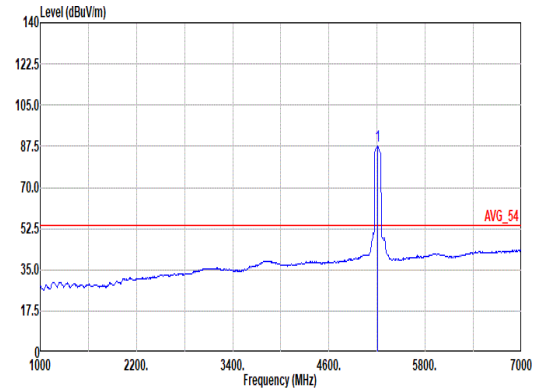
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	94.43	------	------	86.51	32.81	12.88	37.77	0.00	398	343	PEAK

Avg



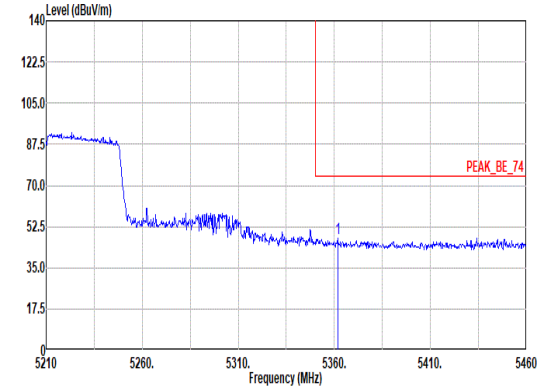
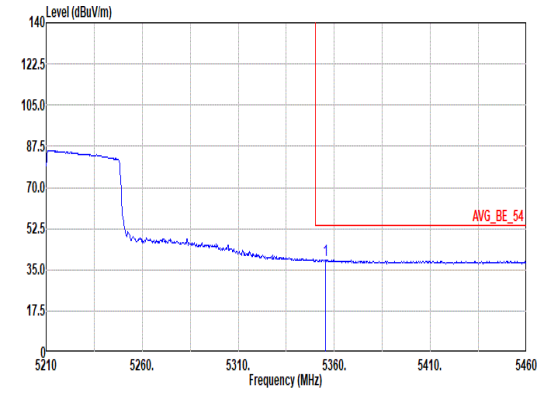
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3.300kHz SWT:Auto

	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	48.23	54.00	-5.77	39.88	33.29	12.80	37.74	0.00	398	343	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3.300kHz SWT:Auto

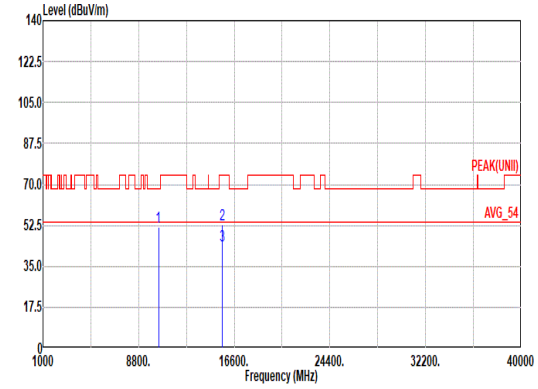
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5210.00	87.47	------	------	79.55	32.81	12.88	37.77	0.00	398	343	AVERAGE

Mode	9	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5361.75 47.51 74.00 -26.49 39.18 33.10 13.07 37.84 0.00 398 343 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3.300kHz 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 5355.25 39.11 54.00 -14.89 30.79 33.10 13.06 37.84 0.00 398 343 AVERAGE	Blank

Mode	9	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ac VHT80_CH42_5210MHz	
ANT	4	
Pol.	Horizontal	Vertical

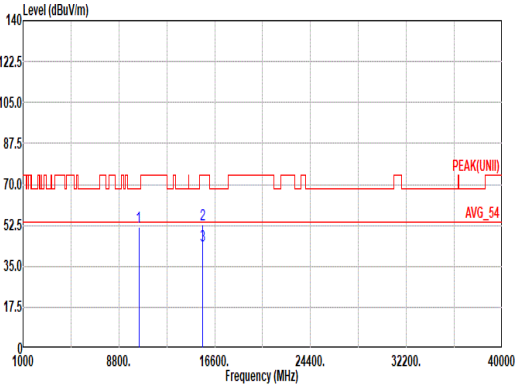
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10420.00	51.79	68.20	-16.41	35.14	38.76	18.45	41.38	0.82	--	--	PEAK
2	15630.00	53.03	74.00	-20.97	35.34	39.02	22.74	44.53	0.46	100	74	PEAK
3	15630.00	43.82	54.00	-10.18	26.13	39.02	22.74	44.53	0.46	100	74	Average

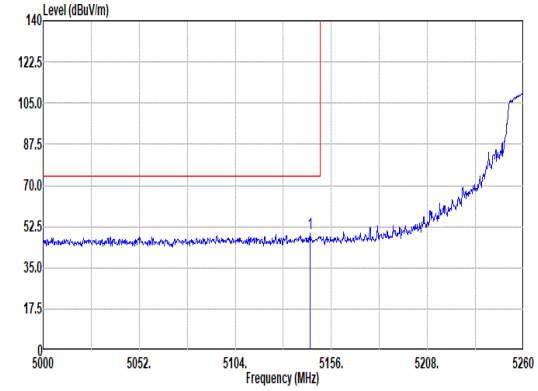


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10420.00	51.82	68.20	-16.38	35.17	38.76	18.45	41.38	0.82	--	--	PEAK
2	15630.00	52.57	74.00	-21.43	34.88	39.02	22.74	44.53	0.46	400	248	PEAK
3	15630.00	43.62	54.00	-10.38	25.93	39.02	22.74	44.53	0.46	400	248	Average

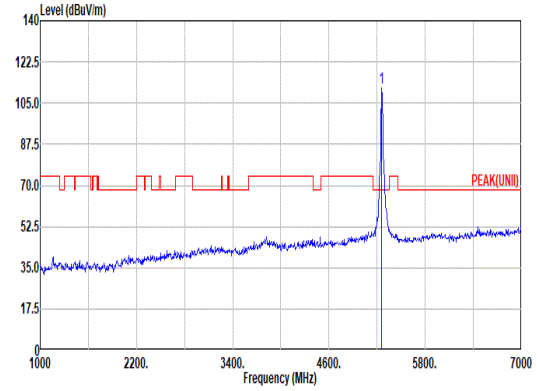
Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

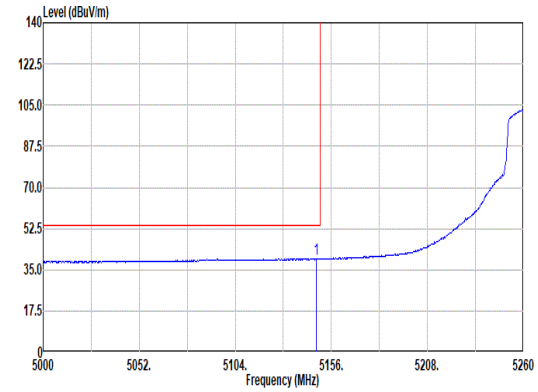
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5144.30	49.62	74.00	-24.38	41.27	33.29	12.80	37.74	0.00	100	70	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

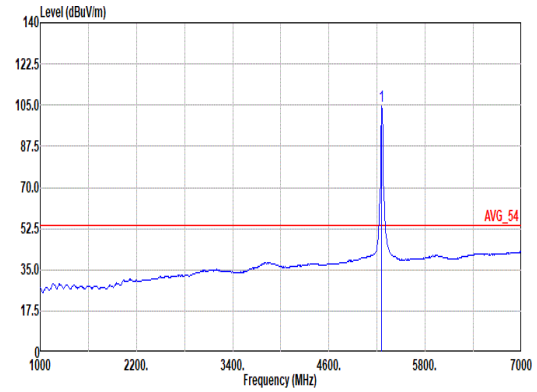
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	111.68	------	------	103.65	32.88	12.94	37.79	0.00	100	70	PEAK

Avg



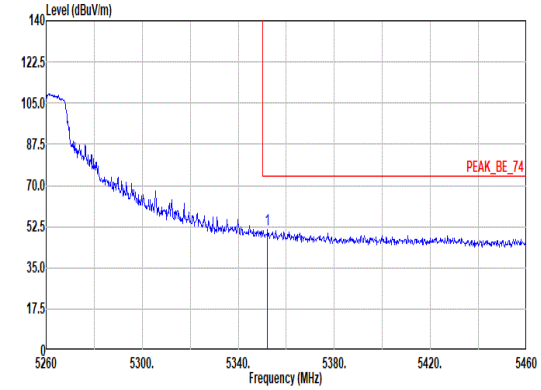
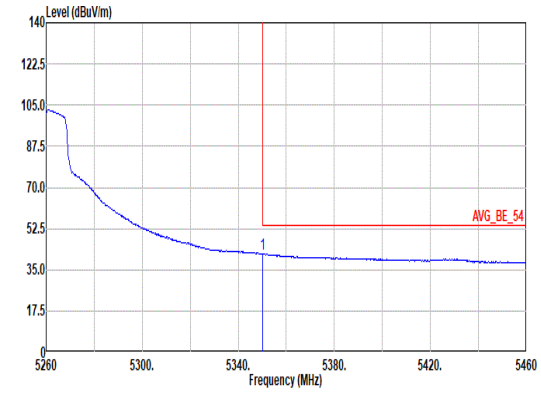
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5147.94	39.66	54.00	-14.34	31.30	33.30	12.80	37.74	0.00	100	70	AVERAGE



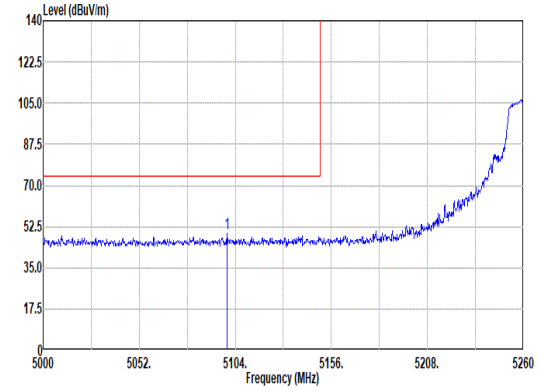
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5260.00	104.35	------	------	96.32	32.88	12.94	37.79	0.00	100	70	AVERAGE

Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.20 51.49 74.00 -22.51 43.17 33.10 13.06 37.84 0.00 100 70 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.20 41.74 54.00 -12.26 33.42 33.10 13.06 37.84 0.00 100 70 AVERAGE	Blank

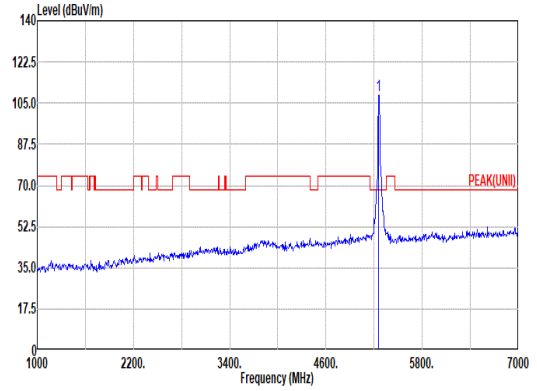
Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

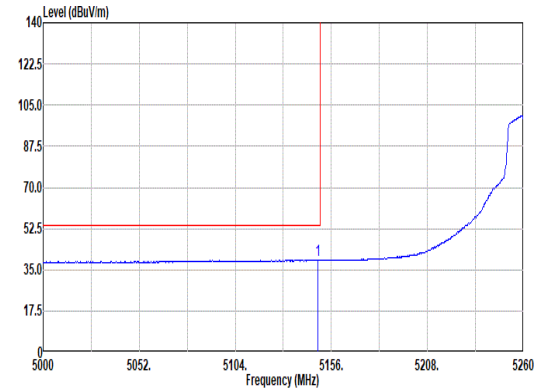
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5099.58	49.76	74.00	-24.24	41.54	33.20	12.74	37.72	0.00	100	306	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

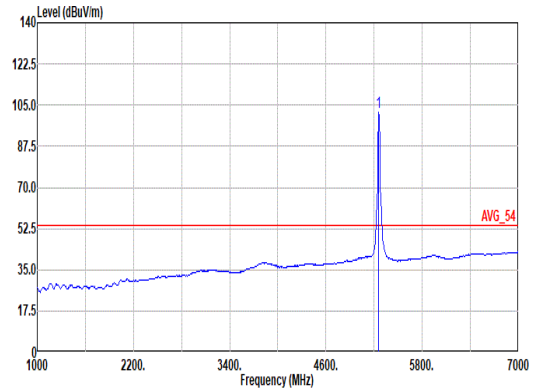
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	108.27	------	------	100.24	32.88	12.94	37.79	0.00	100	306	PEAK

Avg



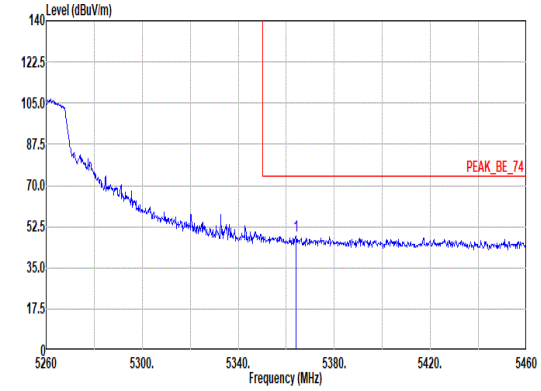
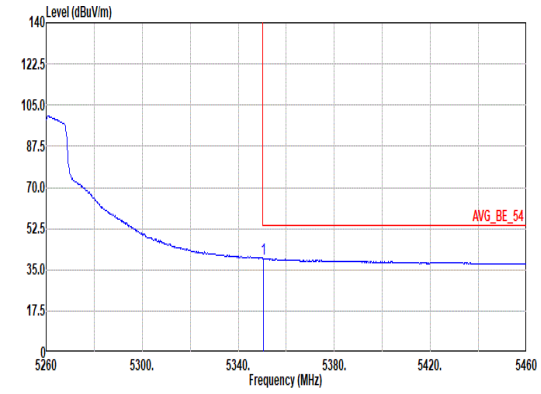
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5148.72	39.15	54.00	-14.85	30.79	33.30	12.80	37.74	0.00	100	306	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

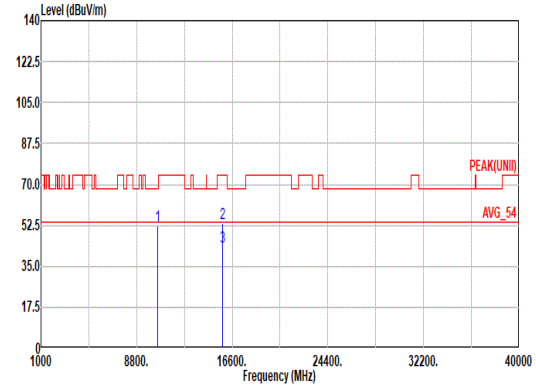
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	101.76	------	------	93.73	32.88	12.94	37.79	0.00	100	306	AVERAGE

Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5364.00 48.46 74.00 -25.54 40.13 33.10 13.07 37.84 0.00 100 306 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.60 39.86 54.00 -14.14 31.54 33.10 13.06 37.84 0.00 100 306 AVERAGE	Blank

Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Vertical

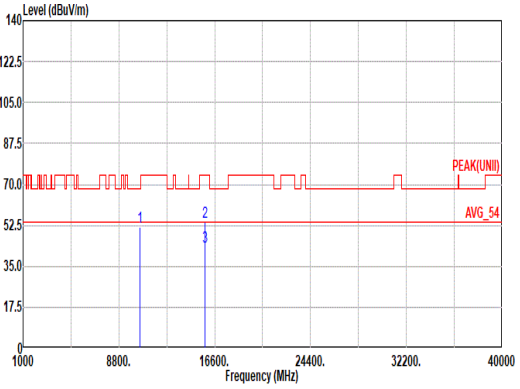
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10520.00	52.20	68.20	-16.00	35.69	38.60	18.54	41.44	0.81	--	--	PEAK
2	15780.00	53.24	74.00	-20.76	35.39	38.94	22.87	44.40	0.44	400	80	PEAK
3	15780.00	43.32	54.00	-10.68	25.47	38.94	22.87	44.40	0.44	400	80	Average

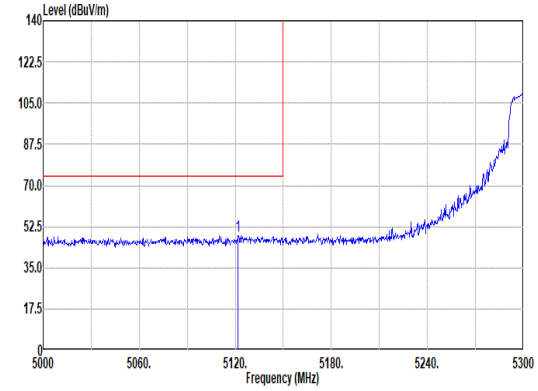


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10520.00	51.59	68.20	-16.61	35.08	38.60	18.54	41.44	0.81	--	--	PEAK
2	15780.00	53.75	74.00	-20.25	35.90	38.94	22.87	44.40	0.44	100	219	PEAK
3	15780.00	43.46	54.00	-10.54	25.61	38.94	22.87	44.40	0.44	100	219	Average

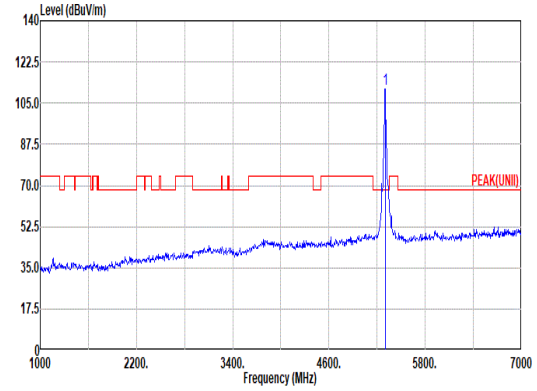
Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

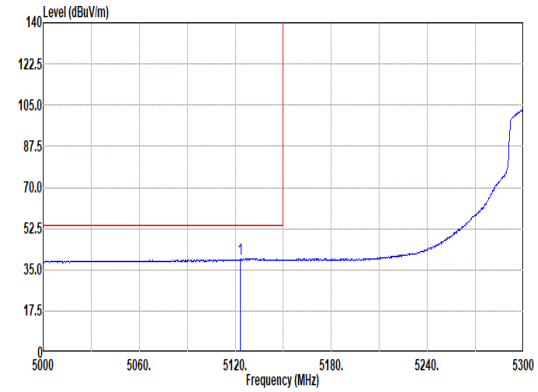
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5121.80	48.78	74.00	-25.22	40.50	33.24	12.77	37.73	0.00	104	72	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

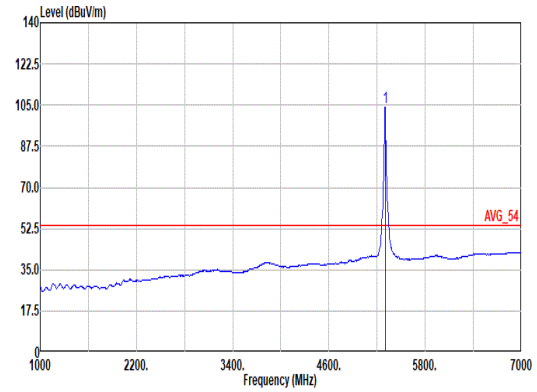
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	110.85	------	------	102.85	32.81	13.00	37.81	0.00	104	72	PEAK

Avg



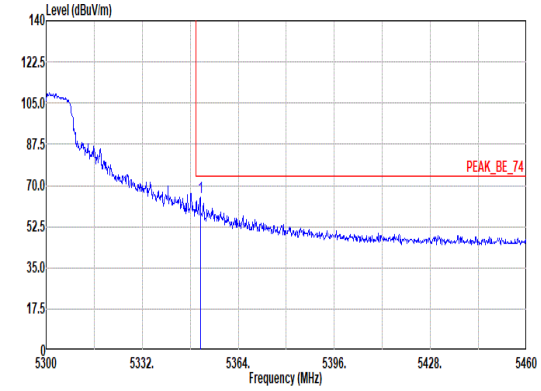
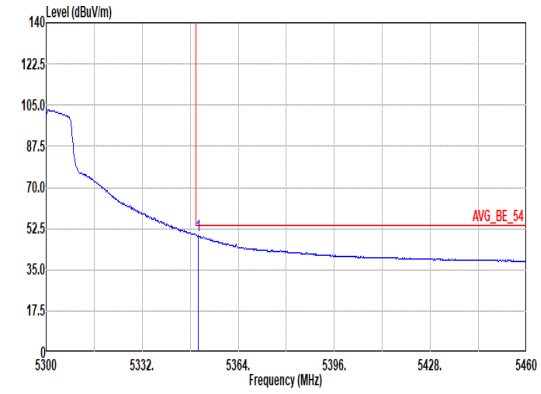
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5123.30	39.66	54.00	-14.34	31.37	33.25	12.77	37.73	0.00	104	72	AVERAGE



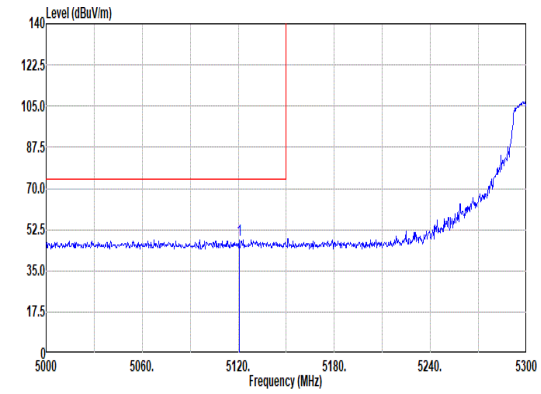
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5300.00	104.23	------	------	96.23	32.81	13.00	37.81	0.00	104	72	AVERAGE

Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.36 64.96 74.00 -9.04 56.64 33.10 13.06 37.84 0.00 104 72 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5350.56 49.75 54.00 -4.25 41.43 33.10 13.06 37.84 0.00 104 72 AVERAGE	Blank

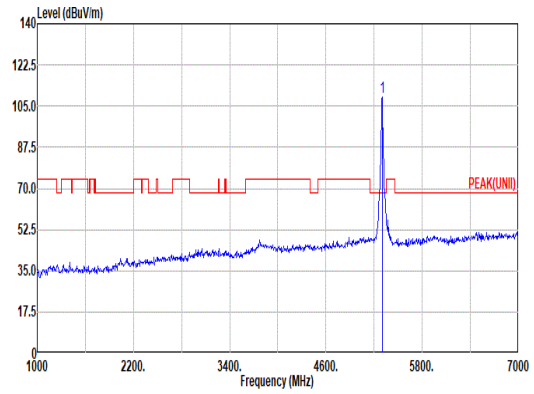
Mode	11	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

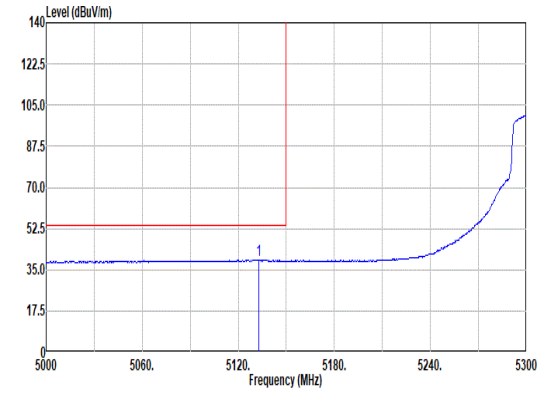
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5120.60	48.28	74.00	-25.72	40.00	33.24	12.77	37.73	0.00	100	307	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

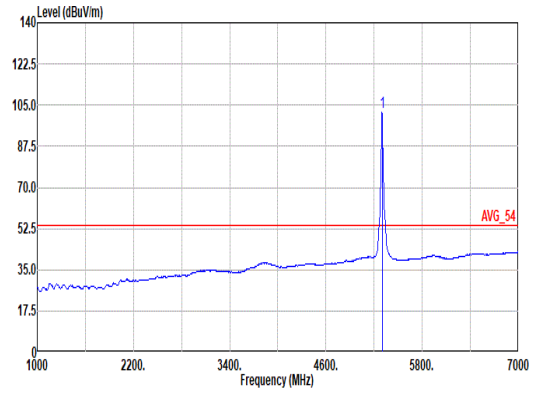
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	108.57	------	------	100.57	32.81	13.00	37.81	0.00	100	307	PEAK

Avg



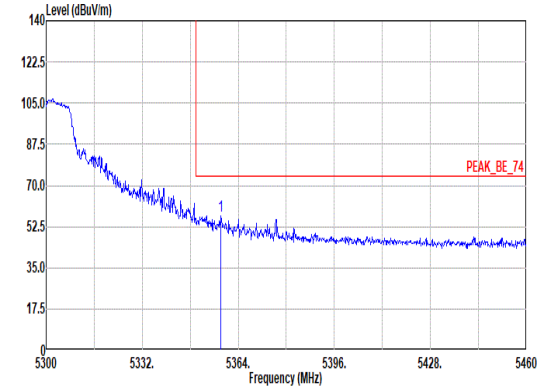
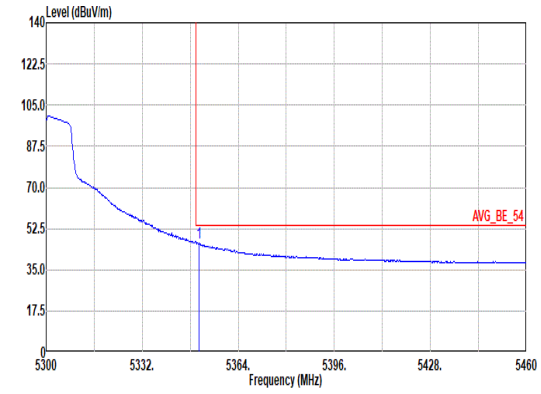
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5132.60	39.06	54.00	-14.94	30.74	33.27	12.78	37.73	0.00	100	307	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

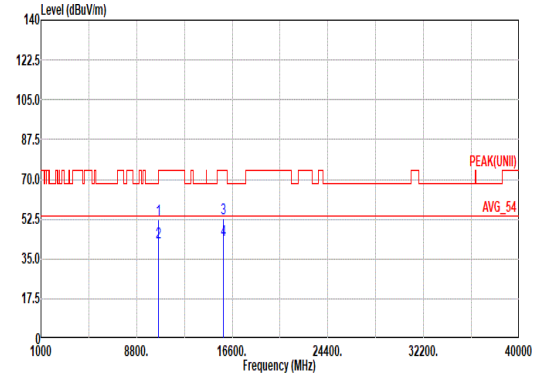
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	101.79	------	------	93.80	32.81	12.99	37.81	0.00	100	307	AVERAGE

Mode	11	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5358.24 57.05 74.00 -16.95 48.72 33.10 13.07 37.84 0.00 100 307 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 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 5351.04 46.73 54.00 -7.27 38.41 33.10 13.06 37.84 0.00 100 307 AVERAGE	Blank

Mode	11
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz
ANT	4

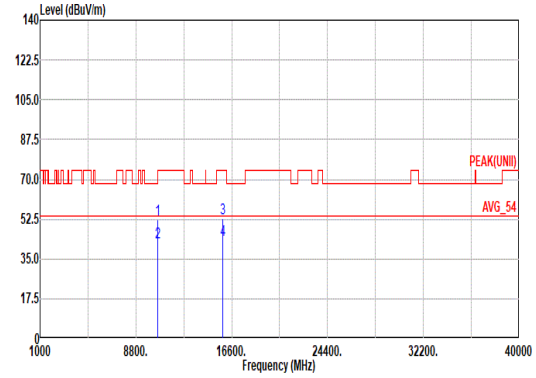
Pol.	Horizontal	Vertical

Peak



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10600.00	52.54	74.00	-21.46	35.74	38.90	18.62	41.52	0.80	200	97	PEAK
2	10600.00	42.51	54.00	-11.49	25.71	38.90	18.62	41.52	0.80	200	97	Average
3	15900.00	52.59	74.00	-21.41	34.50	39.00	22.97	44.30	0.42	100	241	PEAK
4	15900.00	43.48	54.00	-10.52	25.39	39.00	22.97	44.30	0.42	100	241	Average



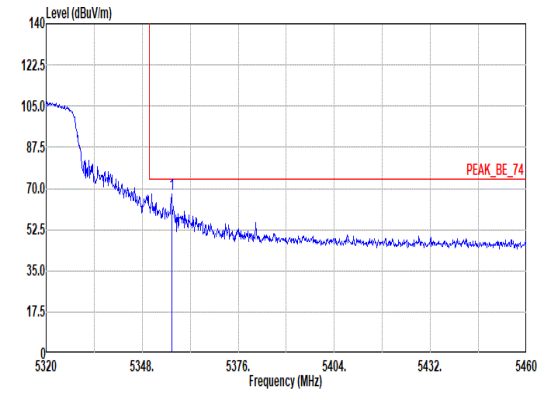
Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10600.00	52.07	74.00	-21.93	35.27	38.90	18.62	41.52	0.80	400	187	PEAK
2	10600.00	42.49	54.00	-11.51	25.69	38.90	18.62	41.52	0.80	400	187	Average
3	15900.00	53.08	74.00	-20.92	34.99	39.00	22.97	44.30	0.42	100	1	PEAK
4	15900.00	43.57	54.00	-10.43	25.48	39.00	22.97	44.30	0.42	100	1	Average

Avg

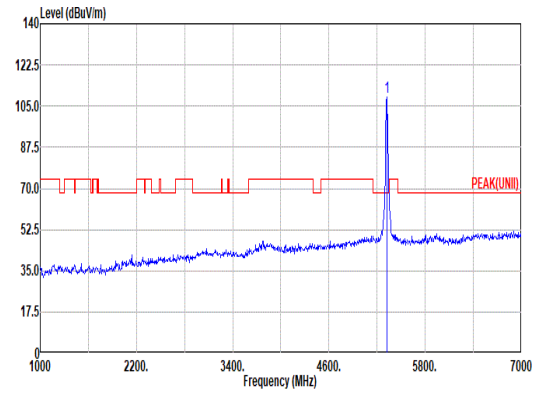
Mode	12	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

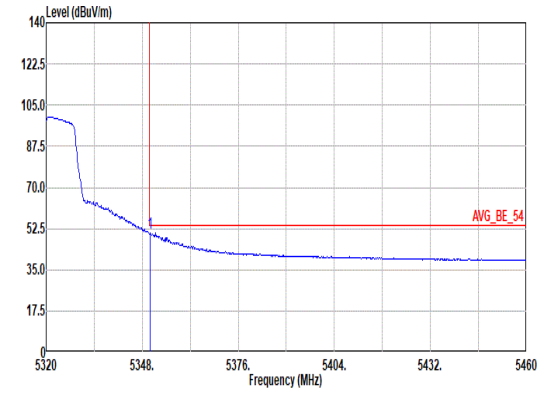
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5356.54	67.41	74.00	-6.59	59.08	33.10	13.07	37.84	0.00	105	71	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

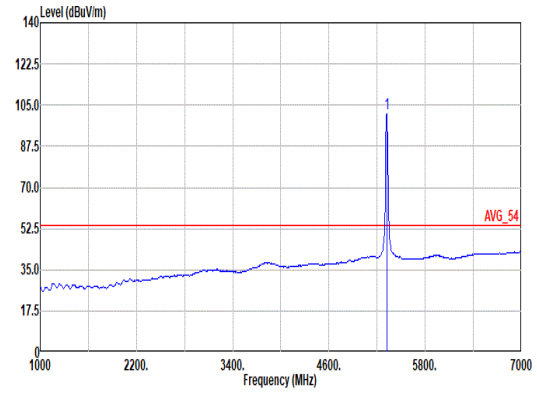
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	108.93	------	------	100.81	32.92	13.02	37.82	0.00	105	71	PEAK

Avg



Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 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	5350.38	50.89	54.00	-3.11	42.57	33.10	13.06	37.84	0.00	105	71	AVERAGE

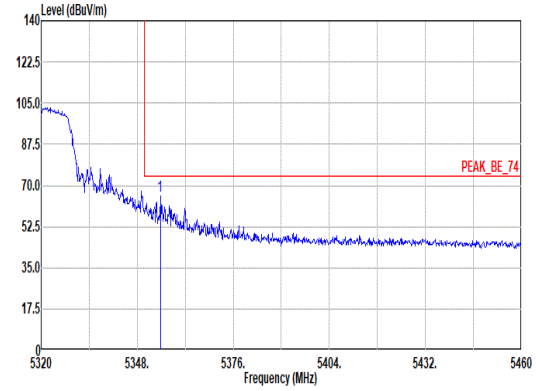


Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5320.00	101.59	------	------	93.47	32.92	13.02	37.82	0.00	105	71	AVERAGE

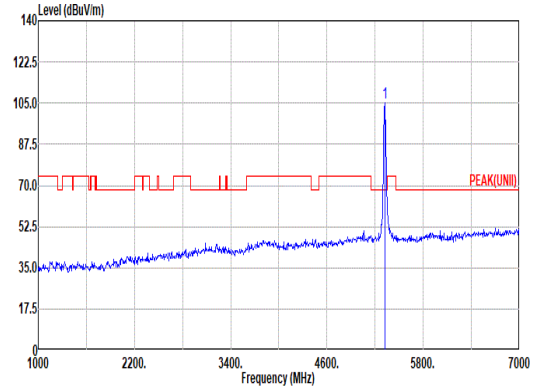
Mode	12	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

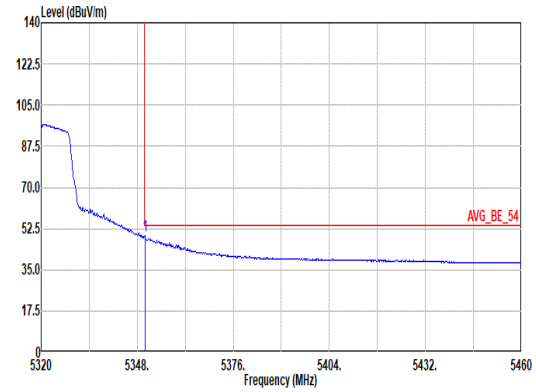
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5354.72	65.62	74.00	-8.38	57.30	33.10	13.06	37.84	0.00	279	345	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

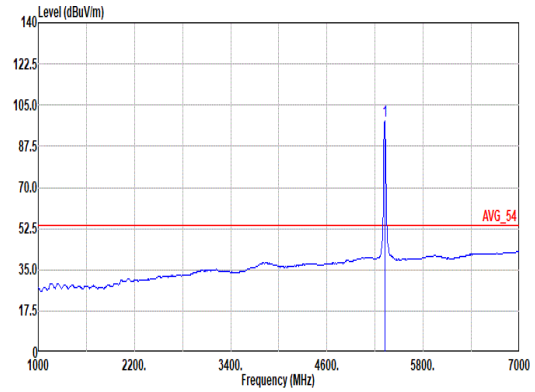
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	104.95	------	------	96.83	32.92	13.02	37.82	0.00	279	345	PEAK

Avg



Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 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	5350.24	49.65	54.00	-4.35	41.33	33.10	13.06	37.84	0.00	279	345	AVERAGE



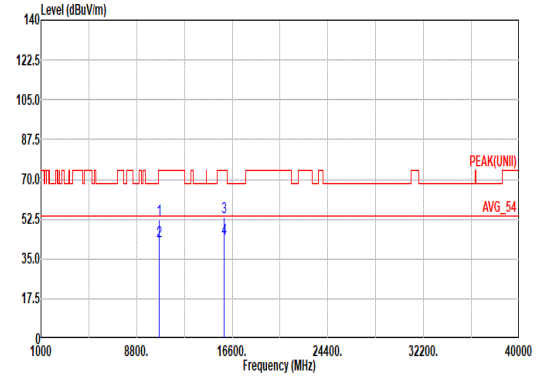
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5320.00	98.19	------	------	90.07	32.92	13.02	37.82	0.00	279	345	AVERAGE

Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	4	
Pol.	Horizontal	Vertical

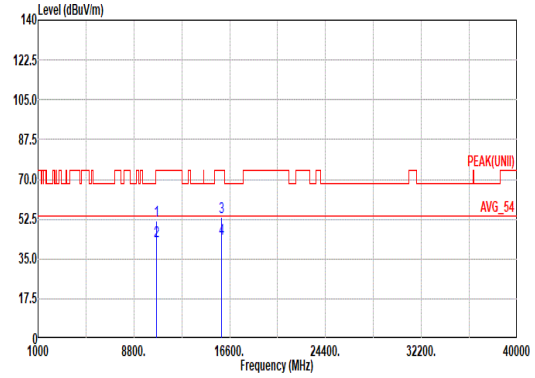
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10640.00	52.41	74.00	-21.59	35.47	39.06	18.65	41.57	0.80	400	140	PEAK
2	10640.00	42.83	54.00	-11.17	25.89	39.06	18.65	41.57	0.80	400	140	Average
3	15960.00	53.12	74.00	-20.88	35.14	38.80	23.02	44.25	0.41	224	89	PEAK
4	15960.00	43.61	54.00	-10.39	25.63	38.80	23.02	44.25	0.41	224	89	Average

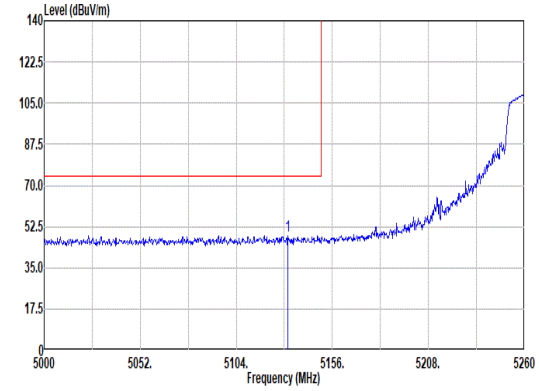


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10640.00	51.83	74.00	-22.17	34.89	39.06	18.65	41.57	0.80	300	46	PEAK
2	10640.00	42.94	54.00	-11.06	26.00	39.06	18.65	41.57	0.80	300	46	Average
3	15960.00	53.16	74.00	-20.84	35.18	38.80	23.02	44.25	0.41	154	96	PEAK
4	15960.00	43.74	54.00	-10.26	25.76	38.80	23.02	44.25	0.41	154	96	Average

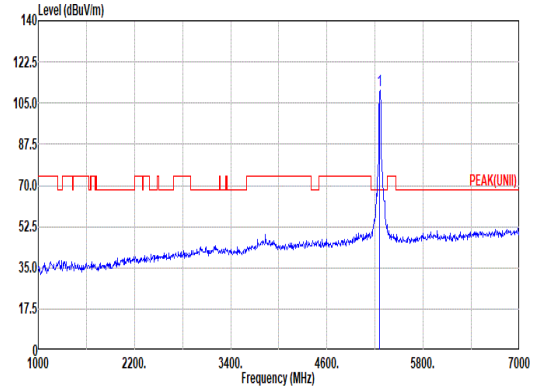
Mode	13	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

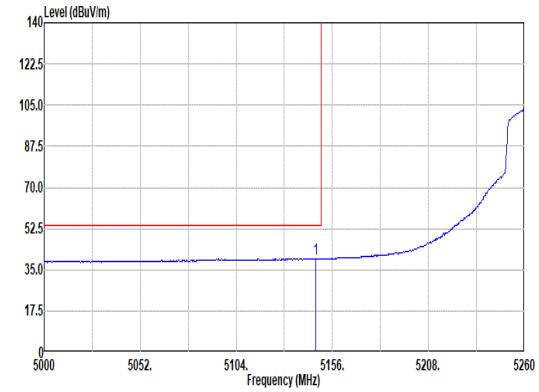
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5131.82	48.74	74.00	-25.26	40.43	33.26	12.78	37.73	0.00	100	67	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

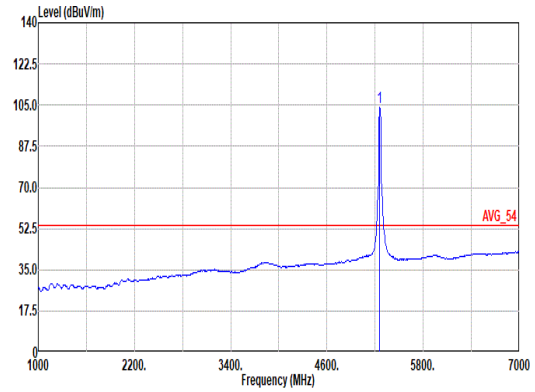
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	110.21	------	------	102.19	32.87	12.95	37.80	0.00	100	67	PEAK

Avg



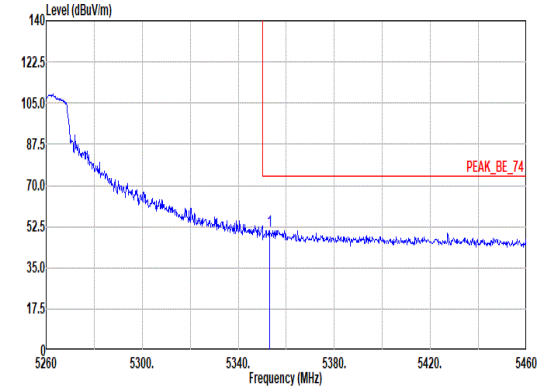
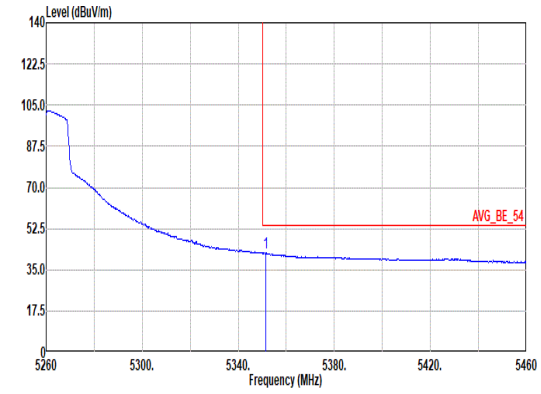
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	5147.16	39.75	54.00	-14.25	31.40	33.29	12.80	37.74	0.00	100	67	AVERAGE



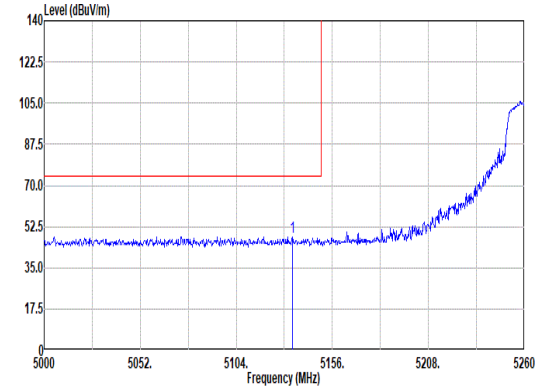
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	104.09	------	------	96.06	32.88	12.94	37.79	0.00	100	67	AVERAGE

Mode	13	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.00 50.98 74.00 -23.02 42.66 33.10 13.06 37.84 0.00 100 67 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz 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 5351.40 42.15 54.00 -11.85 33.83 33.10 13.06 37.84 0.00 100 67 AVERAGE	Blank

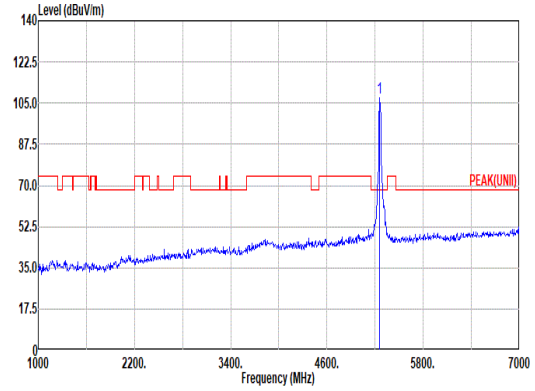
Mode	13	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

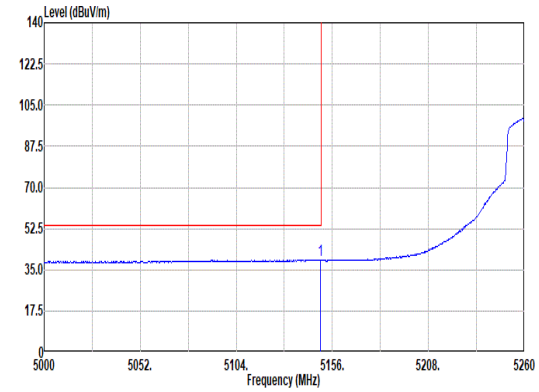
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5134.42	48.32	74.00	-25.68	40.00	33.27	12.78	37.73	0.00	100	311	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

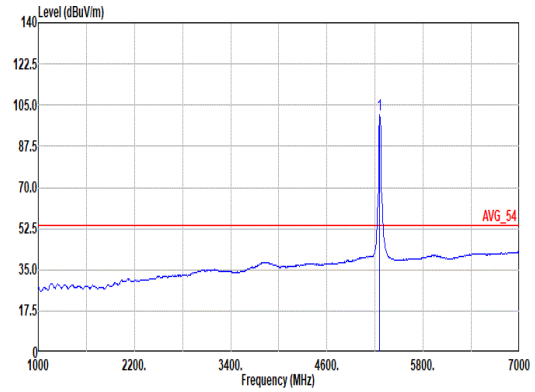
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	107.09	------	------	99.06	32.88	12.94	37.79	0.00	100	311	PEAK

Avg



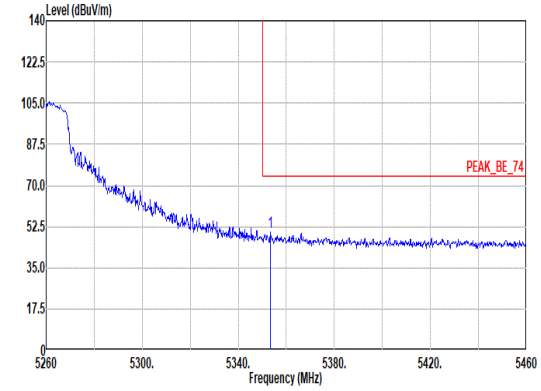
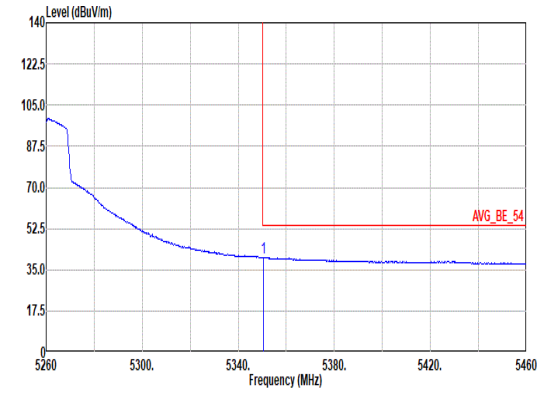
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.50	39.16	54.00	-14.84	30.80	33.30	12.80	37.74	0.00	100	311	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

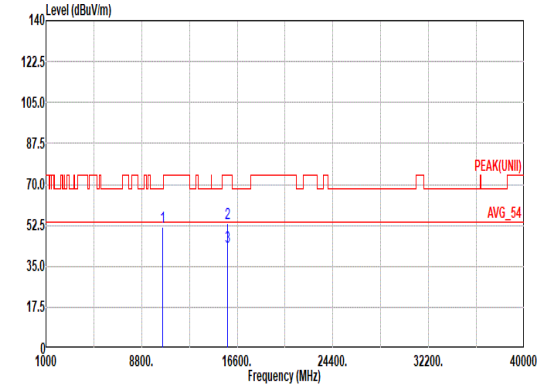
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5260.00	100.68	------	------	92.65	32.88	12.94	37.79	0.00	100	311	AVERAGE

Mode	13	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.40 49.98 74.00 -24.02 41.66 33.10 13.06 37.84 0.00 100 311 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.60 40.17 54.00 -13.83 31.85 33.10 13.06 37.84 0.00 100 311 AVERAGE	Blank

Mode	13	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11n HT20_CH52_5260MHz	
ANT	4	
Pol.	Horizontal	Vertical

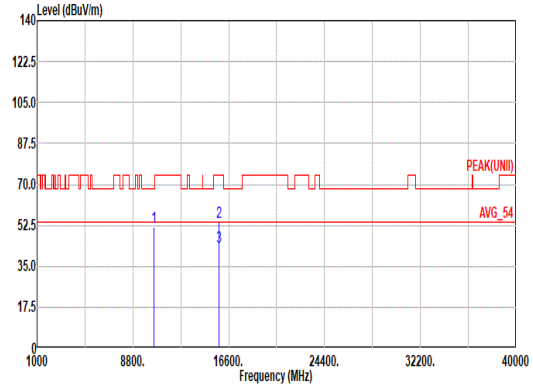
Peak

Avg



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10520.00	51.90	68.20	-16.30	35.39	38.60	18.54	41.44	0.81	--	--	PEAK
2	15780.00	53.18	74.00	-20.82	35.33	38.94	22.87	44.40	0.44	114	96	PEAK
3	15780.00	43.38	54.00	-10.62	25.53	38.94	22.87	44.40	0.44	114	96	Average

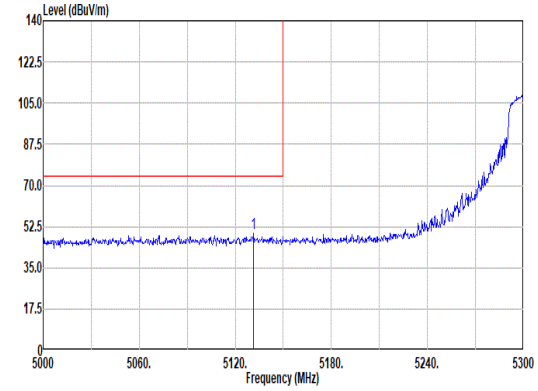


Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	10520.00	52.02	68.20	-16.18	35.51	38.60	18.54	41.44	0.81	--	--	PEAK
2	15780.00	53.73	74.00	-20.27	35.88	38.94	22.87	44.40	0.44	157	64	PEAK
3	15780.00	43.51	54.00	-10.49	25.66	38.94	22.87	44.40	0.44	157	64	Average

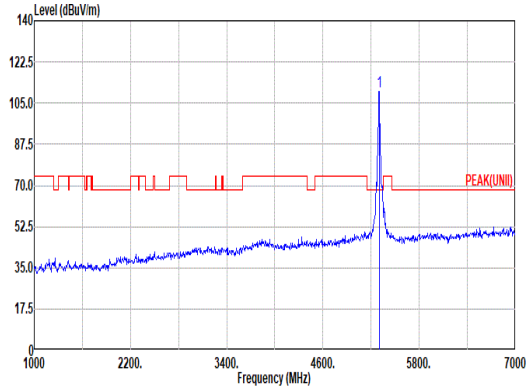
Mode	14	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11n HT20_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

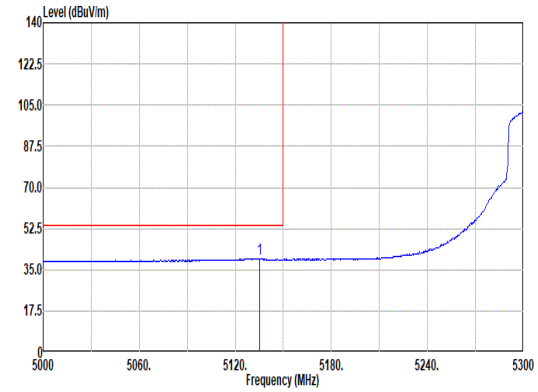
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5131.40	49.46	74.00	-24.54	41.15	33.26	12.78	37.73	0.00	100	69	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

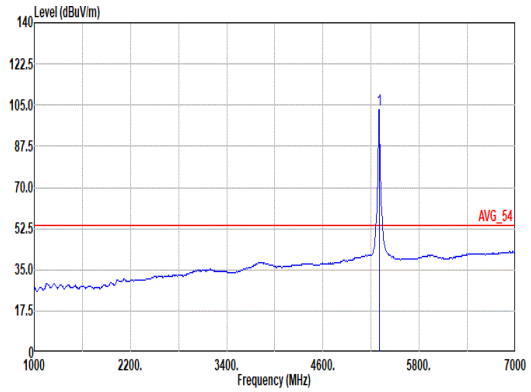
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	110.06	------	------	102.07	32.81	12.99	37.81	0.00	100	69	PEAK

Avg



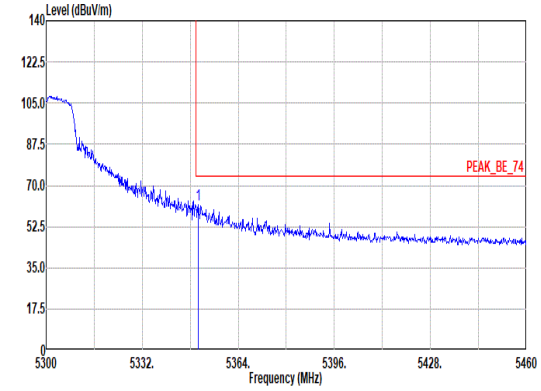
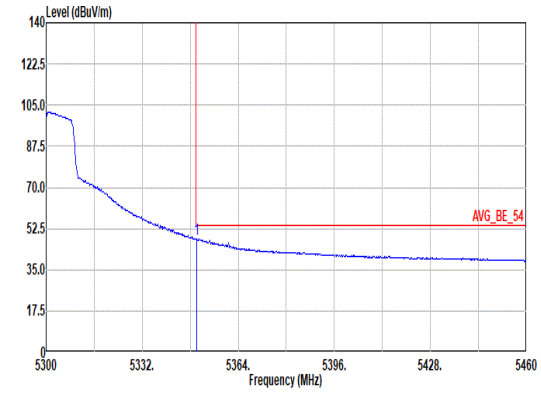
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5135.00	39.69	54.00	-14.31	31.36	33.27	12.79	37.73	0.00	100	69	AVERAGE



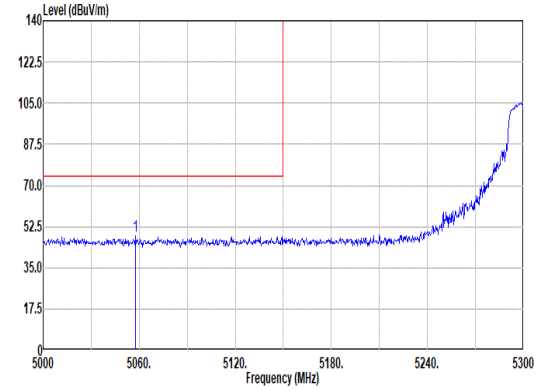
Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	103.28	------	------	95.29	32.81	12.99	37.81	0.00	100	69	AVERAGE

Mode	14	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11n HT20_CH60_5300MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.56 61.61 74.00 -12.39 53.29 33.10 13.06 37.84 0.00 100 69 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.24 48.00 54.00 -6.00 39.68 33.10 13.06 37.84 0.00 100 69 AVERAGE	Blank

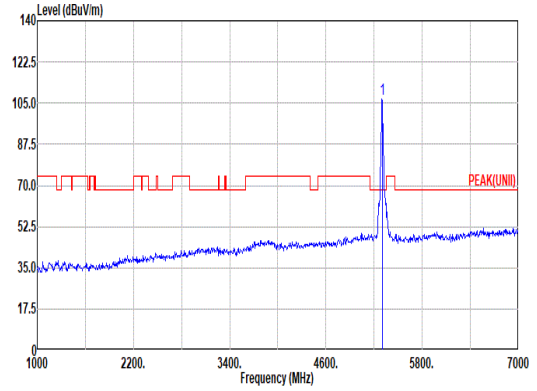
Mode	14	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11n HT20_CH60_5300MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH20-HY
Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

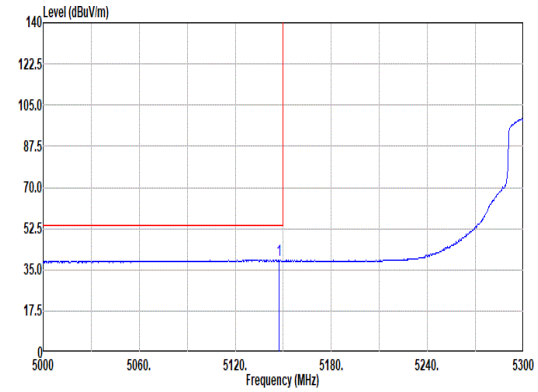
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5057.90	48.77	74.00	-25.23	40.50	33.28	12.69	37.70	0.00	101	311	PEAK



Site : 03CH20-HY
Condition: PEAK(UNII) 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

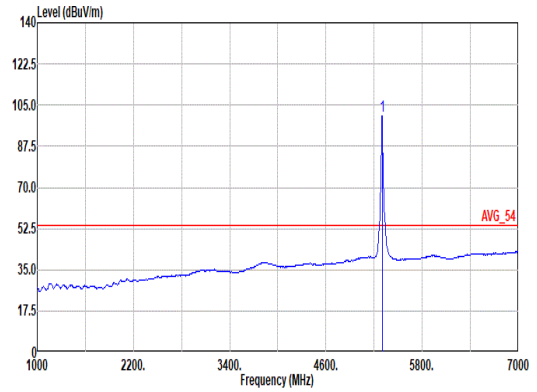
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	106.85	------	------	98.86	32.81	12.99	37.81	0.00	101	311	PEAK

Avg



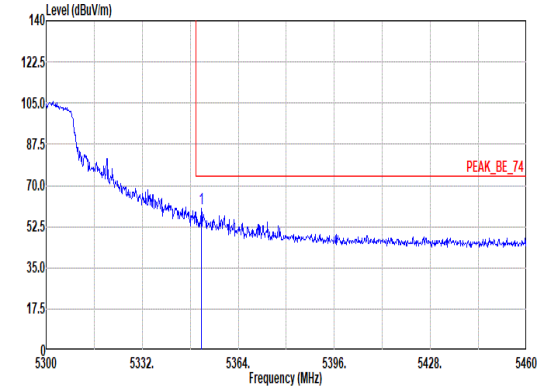
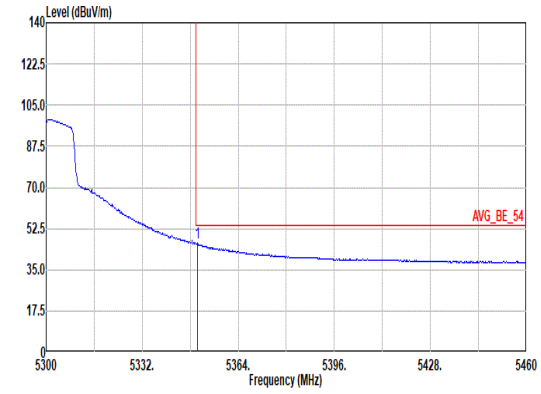
Site : 03CH20-HY
Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	5147.30	39.08	54.00	-14.92	30.73	33.29	12.80	37.74	0.00	101	311	AVERAGE



Site : 03CH20-HY
Condition: AVG_54 3m HF_9120D_02360_241101 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5300.00	100.55	------	------	92.56	32.81	12.99	37.81	0.00	101	311	AVERAGE

Mode	14	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11n HT20_CH60_5300MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE_74 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5351.68 60.43 74.00 -13.57 52.11 33.10 13.06 37.84 0.00 101 311 PEAK	Blank
Avg	 Site : 03CH20-HY Condition: AVG_BE_54 3m HF_9120D_02360_241101 VERTICAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.40 46.37 54.00 -7.63 38.05 33.10 13.06 37.84 0.00 101 311 AVERAGE	Blank