FCC RADIO TEST REPORT

FCC ID	:	2AMK2-RM03AA
Equipment	:	Paper Tablet
Brand Name	:	reMarkable
Model Name	:	2AMK2-RM03AA
Applicant	:	reMarkable AS Fridtjof Nansens vei 12, 0369 Oslo, Norway
Manufacturer	:	reMarkable AS Fridtjof Nansens vei 12, 0369 Oslo, Norway
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on Apr. 15, 2025 and testing was performed from Apr. 22, 2025 to Jun. 06, 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
FR541507F	01	Initial issue of report	Jun. 18, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	6dB & 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: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax and NFC(WPT). **Antenna Type** WLAN: Monopole Antenna	
Sample 1	Main source
Sample 2	2nd source – FPC, PCB
Sample 3	2nd source – DRAM

Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	2.1

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

<Sample List>

Main Board	**Main source**	**Vendor**	Avary
		Model Number	SB0SDV1BV0G
	2nd source	**Vendor**	PI
		Model Number	SB0SDV1B00G
Antenna SUB Board	**Main source**	**Vendor**	Avary
		Model Number	SB0SDV2BV0D
	2nd source	**Vendor**	ASKPCB
		Model Number	SB0SDV2B00D
PB FPC	**Main source**	**Vendor**	AKM
		Model Number	MESDV14201A
	2nd source	**Vendor**	ICHIA
		Model Number	MESDV14211A
USB FPC	**Main source**	**Vendor**	AKM
		Model Number	MESDV14203A
	2nd source	**Vendor**	ICHIA
		Model Number	MESDV14213A
Hall Sensor FPC	**Main source**	**Vendor**	AKM
		Model Number	MESDV14205A
	2nd source	**Vendor**	ICHIA
		Model Number	MESDV14215A
DRAM	**Main source**	**Vendor**	Micron
		Model Number	MT53E1G16D1ZW-046 WT:C
	2nd source	**Vendor**	JSC
		Model Number	JSL4BAG167ZAMF-05A

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, 03CH16-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- 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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

This device support 26/52/106/242/484-tone RU.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel.

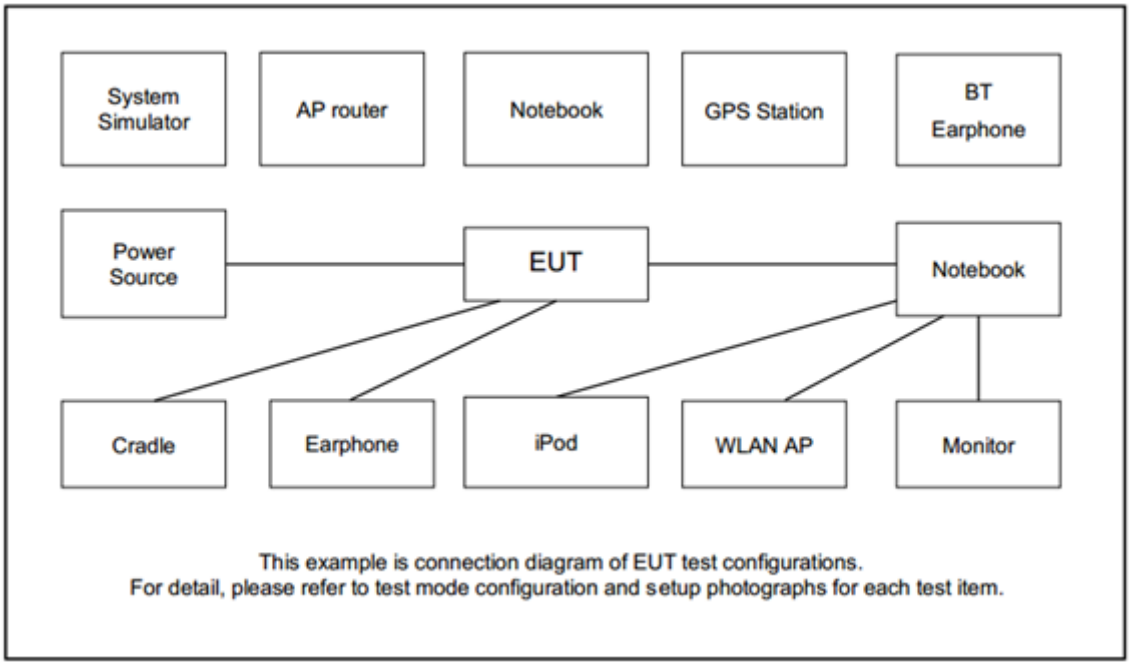
The power for 802.11n mode is smaller than 802.11ac mode, so all other conducted and radiated test is covered by 802.11ac mode.

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 (Covered by VHT20)	**MCS0**
802.11n HT40 (Covered by VHT40)	**MCS0**
802.11ac VHT20	**MCS0**
802.11ac VHT40	**MCS0**
802.11ac VHT80	**MCS0**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Test Cases	
AC Conducted Emission	Mode 1: Bluetooth Link + WLAN (5GHz) Link + NFC Charging with Marker + USB Cable 1 (Charging from AC Adapter) + Battery for Sample 1
Remark: 1. For Radiated Test Cases, the tests were performed with USB Cable 2. 2. The detailed Radiated test modes are shown in Appendix C. 3. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded,1.8m
2.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Adapter	MIBO	MB-21244274	N/A	N/A	N/A
4.	Adapter	Google	G9BR1	N/A	N/A	N/A

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

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

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

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

26dB and 99% Occupied bandwidth are reporting only.

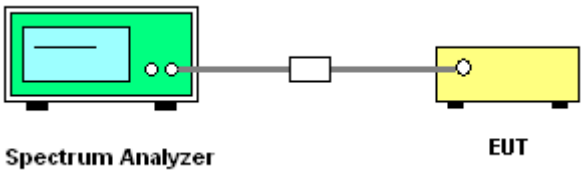
3.1.2 Measuring Instruments

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 for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



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

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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

3.2.2 Measuring Instruments

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

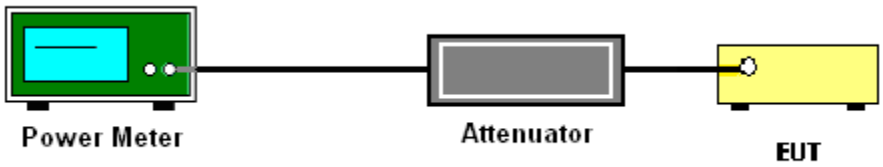
3.2.3 Test Procedures

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

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

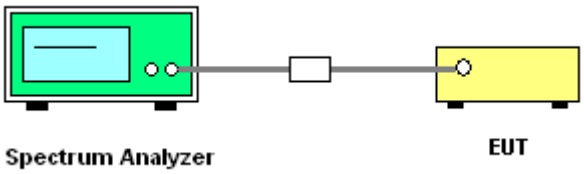
 # Method SA-2 #

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5.725-5.85 GHz band:

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

(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

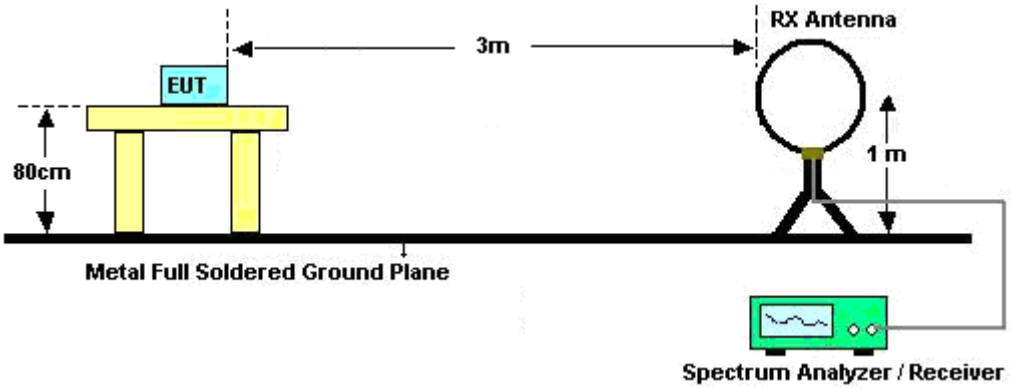
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

   - 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.

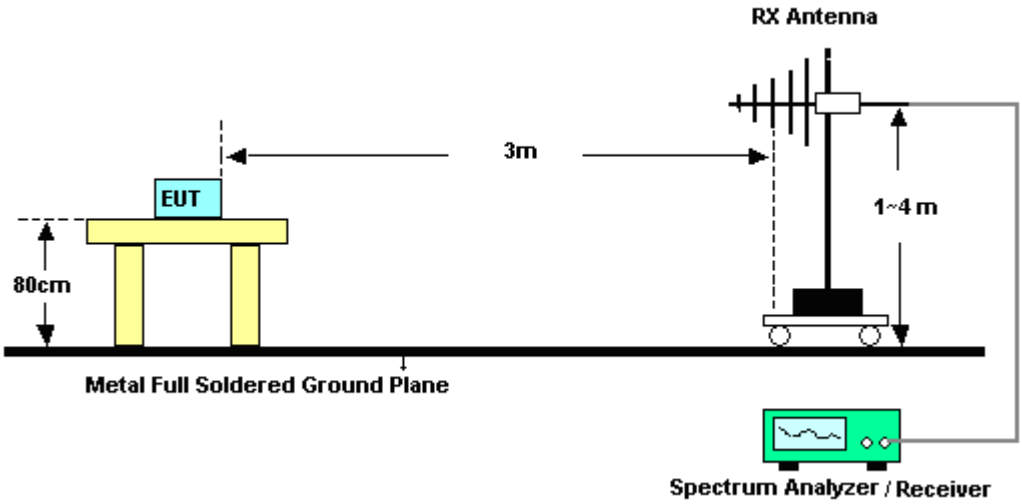
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit 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

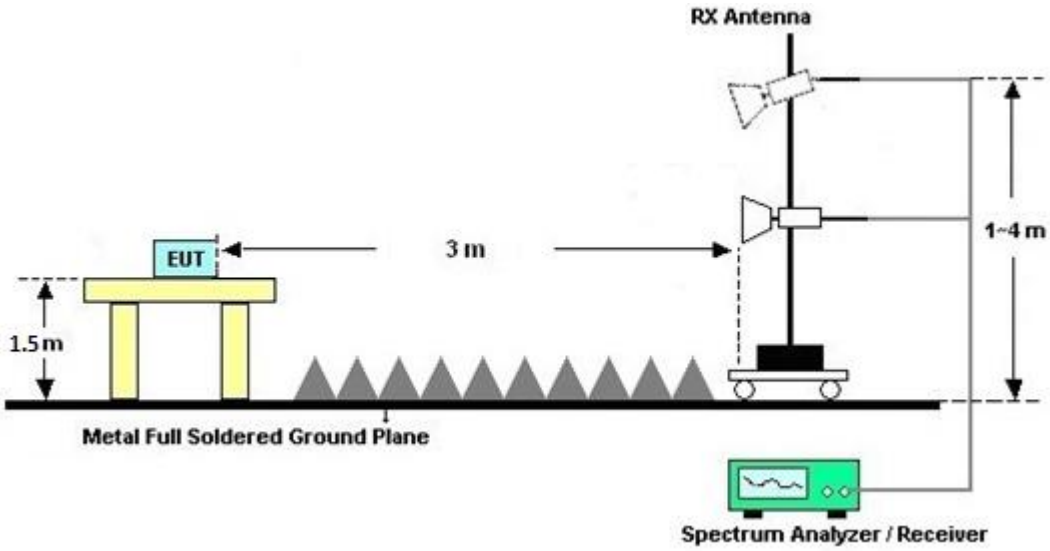
For radiated emissions below 30MHz



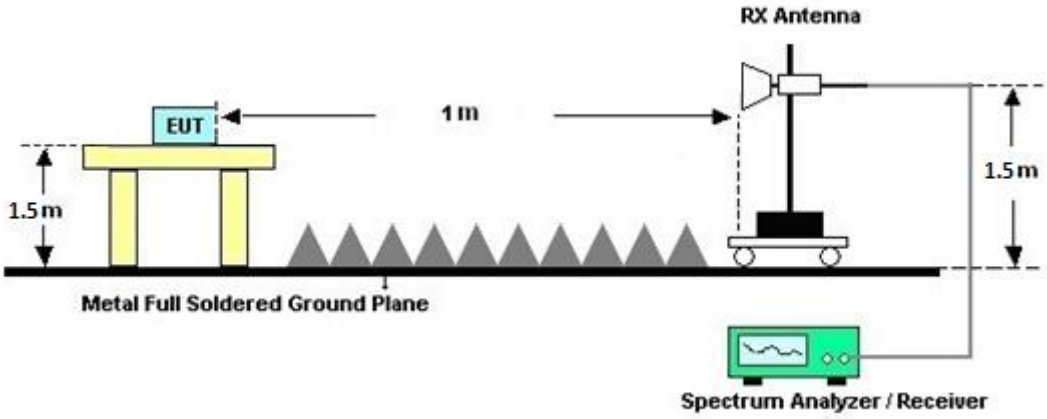
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated 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 Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (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.

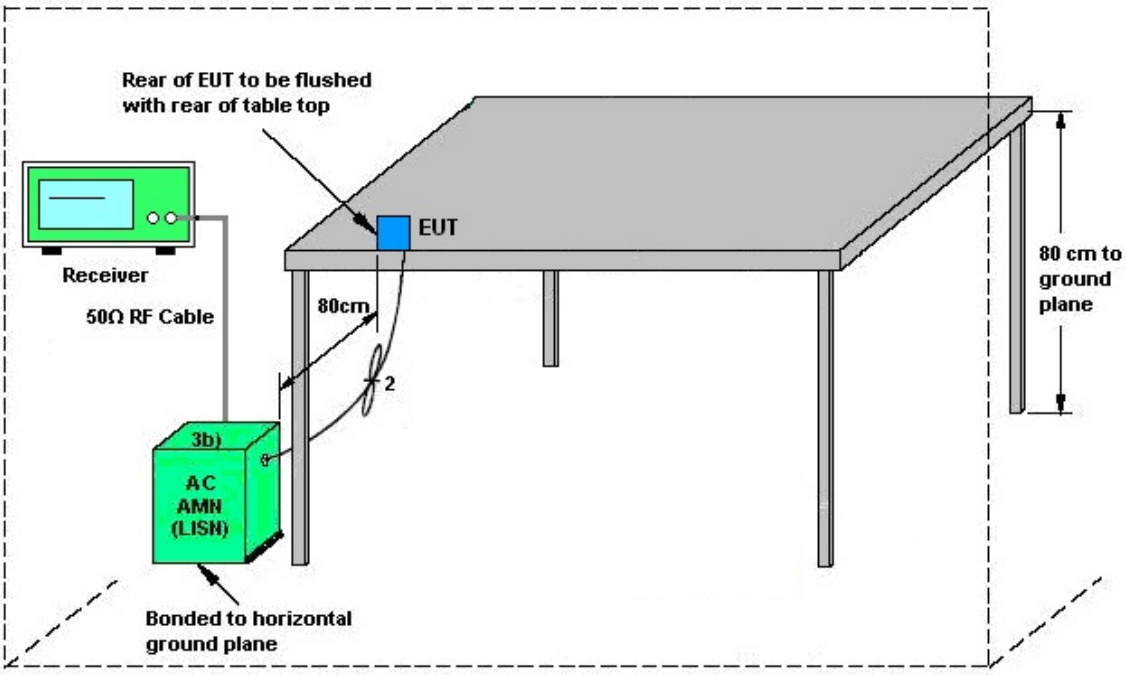
3.5.2 Measuring Instruments

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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Aug. 29, 2024	Apr. 22, 2025~ Jun. 06, 2025	Aug. 28, 2025	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 22, 2024	Apr. 22, 2025~ Jun. 06, 2025	Nov. 21, 2025	Radiation (03CH16-HY)
BT Base Station	Rohde & Schwarz	CBT	101135	BT 3.0	Oct. 10, 2024	Apr. 22, 2025~ Jun. 06, 2025	Oct. 09, 2025	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241055	10Hz~44GHz	Jul. 19, 2024	Apr. 22, 2025~ Jun. 06, 2025	Jul. 18, 2025	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz to 1GHz	Oct. 05, 2024	Apr. 22, 2025~ Jun. 06, 2025	Oct. 04, 2025	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 27, 2025	Apr. 22, 2025~ Jun. 06, 2025	Mar. 26, 2026	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 02, 2024	Apr. 22, 2025~ Jun. 06, 2025	Jul. 01, 2025	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 05, 2024	Apr. 22, 2025~ Jun. 06, 2025	Dec. 04, 2025	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 24, 2024	Apr. 22, 2025~ Jun. 06, 2025	Dec. 23, 2025	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	Apr. 22, 2025~ May 26, 2025	May 26, 2025	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	May 27, 2025~ Jun. 06, 2025	Aug. 22, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN17	1.53GHz Low Pass Filter	Jan. 14, 2025	Apr. 22, 2025~ Jun. 06, 2025	Jan. 13, 2026	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN3	3GHz High Pass Filter	Jun. 28, 2024	Apr. 22, 2025~ Jun. 06, 2025	Jun. 27, 2025	Radiation (03CH16-HY
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN27	6.75GHz High Pass Filter	Dec. 26, 2024	Apr. 22, 2025~ Jun. 06, 2025	Dec. 25, 2025	Radiation (03CH16-HY
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 23, 2025	Apr. 23, 2025~ Jun. 06, 2025	Apr. 22, 2026	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLE X 104	EC-A5-300-5 757,805935/4 ,802434/4	30MHz~18GHz	Aug. 07, 2024	Apr. 22, 2025~ Jun. 06, 2025	Aug. 06, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18-40GHz	Dec. 31, 2024	Apr. 22, 2025~ Jun. 06, 2025	Dec. 30, 2025	Radiation (03CH16-HY)
Software	Audix	E3 230621 V9	RK-002393	N/A	N/A	Apr. 22, 2025~ Jun. 06, 2025	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Apr. 22, 2025~ Jun. 06, 2025	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Apr. 22, 2025~ Jun. 06, 2025	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Apr. 22, 2025~ Jun. 06, 2025	N/A	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Apr. 24, 2025~ May 16, 2025	Oct. 30, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO 31 (NO:182)	9kHz~6GHz	Jan. 09, 2025	Apr. 24, 2025~ May 16, 2025	Jan. 08, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101467	10HZ~44GHZ	Jan. 14, 2025	Apr. 24, 2025~ May 16, 2025	Jan. 13, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Apr. 24, 2025~ May 16, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24051 3	N/A	Conducted Other Test Item	N/A	Apr. 24, 2025~ May 16, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	May 13, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 13, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 23, 2024	May 13, 2025	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	May 13, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	May 13, 2025	Mar. 23, 2026	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 26, 2025	May 13, 2025	Mar. 25, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	May 13, 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))	6.5 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.9 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.3 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Joseph Hu	Temperature:	21~25	°C
Test Date:	2025/04/24~2025/05/16	Relative Humidity:	51~54	%

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

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	149	5745	17.20	-	19.98	-	16.36	-	0.5	Pass
11a	6Mbps	1	157	5785	17.18	-	20.07	-	16.35	-	0.5	Pass
11a	6Mbps	1	165	5825	17.21	-	19.94	-	16.35	-	0.5	Pass
VHT20	MCS0	1	149	5745	17.97	-	20.80	-	17.56	-	0.5	Pass
VHT20	MCS0	1	157	5785	17.97	-	20.78	-	17.31	-	0.5	Pass
VHT20	MCS0	1	165	5825	17.98	-	20.86	-	17.51	-	0.5	Pass
VHT40	MCS0	1	151	5755	36.54	-	41.38	-	35.61	-	0.5	Pass
VHT40	MCS0	1	159	5795	36.55	-	41.50	-	35.78	-	0.5	Pass
VHT80	MCS0	1	155	5775	76.49	-	83.39	-	76.37	-	0.5	Pass

Report Number : FR541507F

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	8.84	-		30.00	-	2.10	-	Pass
11a	6Mbps	1	157	5785	7.97	-		30.00	-	2.10	-	Pass
11a	6Mbps	1	165	5825	8.60	-		30.00	-	2.10	-	Pass
HT20	MCS0	1	149	5745	8.59	-		30.00	-	2.10	-	Pass
HT20	MCS0	1	157	5785	8.77	-		30.00	-	2.10	-	Pass
HT20	MCS0	1	165	5825	8.68	-		30.00	-	2.10	-	Pass
HT40	MCS0	1	151	5755	8.82	-		30.00	-	2.10	-	Pass
HT40	MCS0	1	159	5795	8.56	-		30.00	-	2.10	-	Pass
VHT20	MCS0	1	149	5745	8.69	-		30.00	-	2.10	-	Pass
VHT20	MCS0	1	157	5785	8.87	-		30.00	-	2.10	-	Pass
VHT20	MCS0	1	165	5825	8.78	-		30.00	-	2.10	-	Pass
VHT40	MCS0	1	151	5755	8.92	-		30.00	-	2.10	-	Pass
VHT40	MCS0	1	159	5795	8.66	-		30.00	-	2.10	-	Pass
VHT80	MCS0	1	155	5775	7.82	-		30.00	-	2.10	-	Pass

Report Number : FR541507F

TEST RESULTS DATA
Power Spectral Density

U-NII-3 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	0.05		-5.51	-		30.00	-	2.10	-	Pass
11a	6Mbps	1	157	5785	0.05		-6.34	-		30.00	-	2.10	-	Pass
11a	6Mbps	1	165	5825	0.05		-5.65	-		30.00	-	2.10	-	Pass
VHT20	MCS0	1	149	5745	0.05		-6.17	-		30.00	-	2.10	-	Pass
VHT20	MCS0	1	157	5785	0.05		-6.03	-		30.00	-	2.10	-	Pass
VHT20	MCS0	1	165	5825	0.05		-5.88	-		30.00	-	2.10	-	Pass
VHT40	MCS0	1	151	5755	0.11		-9.21	-		30.00	-	2.10	-	Pass
VHT40	MCS0	1	159	5795	0.11		-8.91	-		30.00	-	2.10	-	Pass
VHT80	MCS0	1	155	5775	0.20		-12.58	-		30.00	-	2.10	-	Pass

Report Number : FR541507F

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

U-NII-3 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	149	5745	Full	18.87	-	20.46	-	18.29	-	0.5	Pass
HE20	MCS0	1	157	5785	Full	18.86	-	20.58	-	18.26	-	0.5	Pass
HE20	MCS0	1	165	5825	Full	18.86	-	20.70	-	18.29	-	0.5	Pass
HE40	MCS0	1	151	5755	Full	37.74	-	41.65	-	36.96	-	0.5	Pass
HE40	MCS0	1	159	5795	Full	37.73	-	41.33	-	36.44	-	0.5	Pass
HE80	MCS0	1	155	5775	Full	77.56	-	80.86	-	77.90	-	0.5	Pass

Report Number : FR541507F

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	149	5745	Full	8.79	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	149	5745	26/0	-0.69	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	149	5745	52/37	2.15	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	149	5745	106/53	5.44	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	Full	8.97	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	26/4	0.27	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	52/38	2.51	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	106/53	5.41	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	Full	8.88	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	26/8	-0.58	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	52/40	2.11	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	106/54	5.89	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	151	5755	Full	9.00	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	151	5755	242/61	5.55	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	159	5795	Full	8.76	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	159	5795	242/62	5.23	-		30.00	-	2.10	-	Pass
HE80	MCS0	1	155	5775	Full	8.70	-		30.00	-	2.10	-	Pass
HE80	MCS0	1	155	5775	484/65	5.61	-		30.00	-	2.10	-	Pass
HE80	MCS0	1	155	5775	484/66	5.68	-		30.00	-	2.10	-	Pass

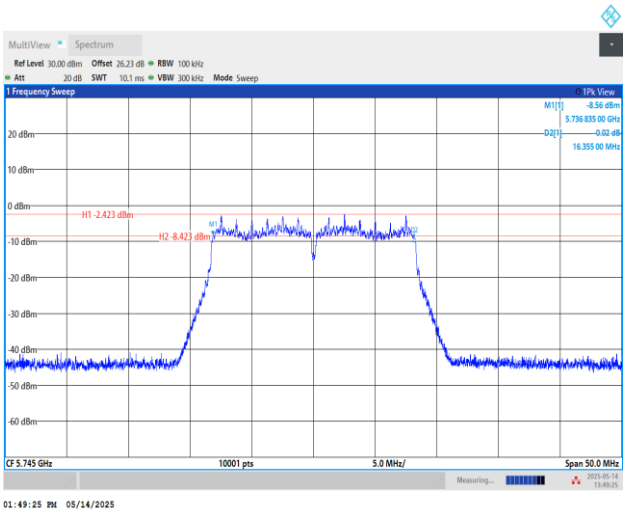
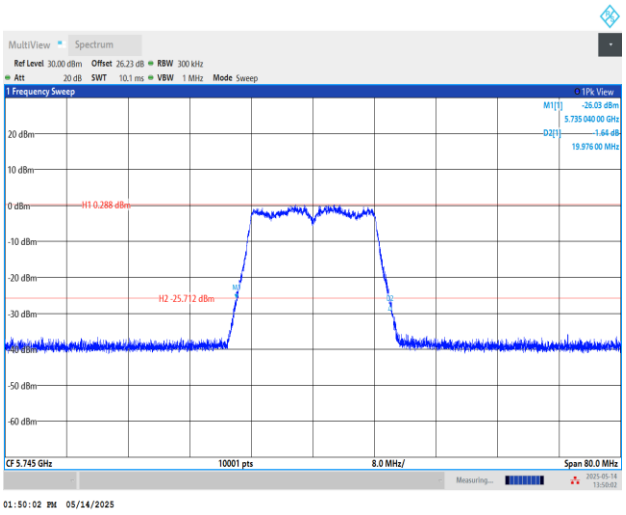
Report Number : FR541507F

TEST RESULTS DATA
Power Spectral Density

U-NII-3 single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	149	5745	Full	0.07	-	-6.11	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	149	5745	26/0	0.07	-	-6.32	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	149	5745	52/37	0.07	-	-6.35	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	149	5745	106/53	0.07	-	-6.28	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	Full	0.07	-	-6.08	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	26/4	0.07	-	-6.35	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	52/38	0.07	-	-6.12	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	157	5785	106/53	0.07	-	-6.11	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	Full	0.07	-	-5.83	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	26/8	0.07	-	-6.13	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	52/40	0.07	-	-6.15	-		30.00	-	2.10	-	Pass
HE20	MCS0	1	165	5825	106/54	0.07	-	-5.86	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	151	5755	Full	0.12	-	-8.61	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	151	5755	242/61	0.12	-	-8.81	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	159	5795	Full	0.12	-	-9.09	-		30.00	-	2.10	-	Pass
HE40	MCS0	1	159	5795	242/62	0.12	-	-9.39	-		30.00	-	2.10	-	Pass
HE80	MCS0	1	155	5775	Full	0.23	-	-11.77	-		30.00	-	2.10	-	Pass
HE80	MCS0	1	155	5775	484/65	0.23	-	-12.26	-		30.00	-	2.10	-	Pass
HE80	MCS0	1	155	5775	484/66	0.23	-	-11.89	-		30.00	-	2.10	-	Pass

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

<802.11a>

6dB Bandwidth	26dB Bandwidth
	
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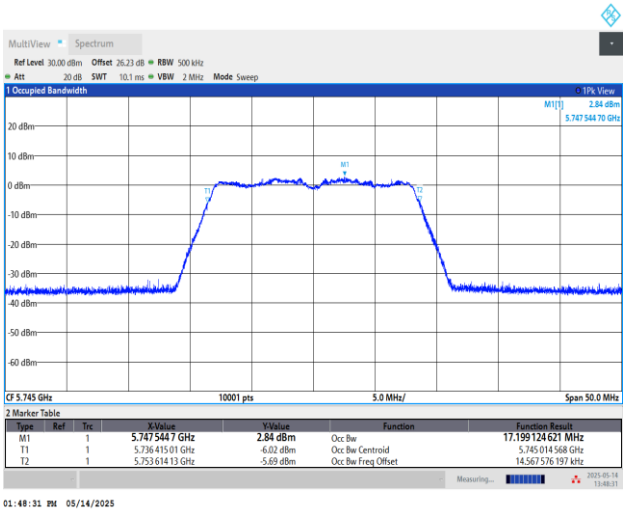
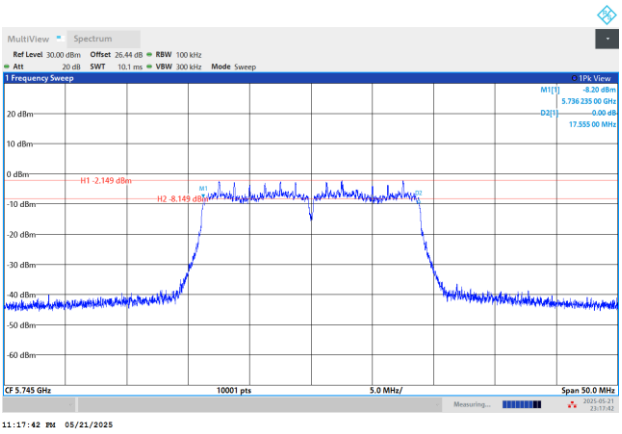
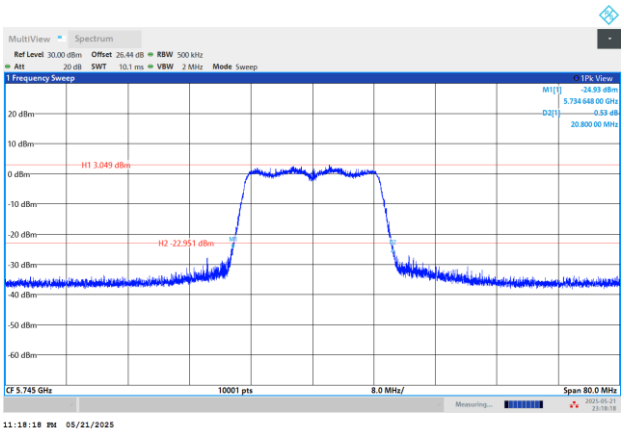
	

<802.11ac VHT20>

6dB Bandwidth	26dB Bandwidth
	
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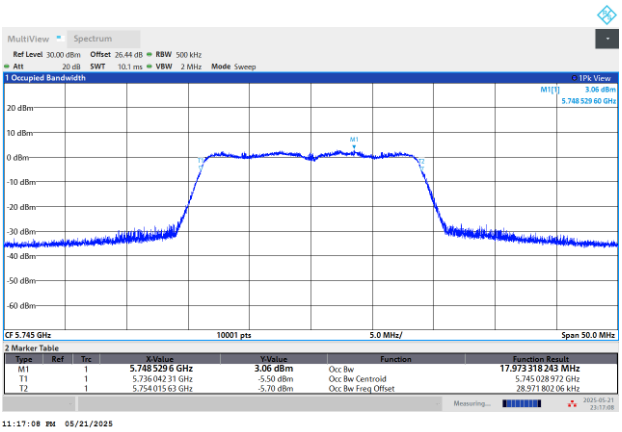
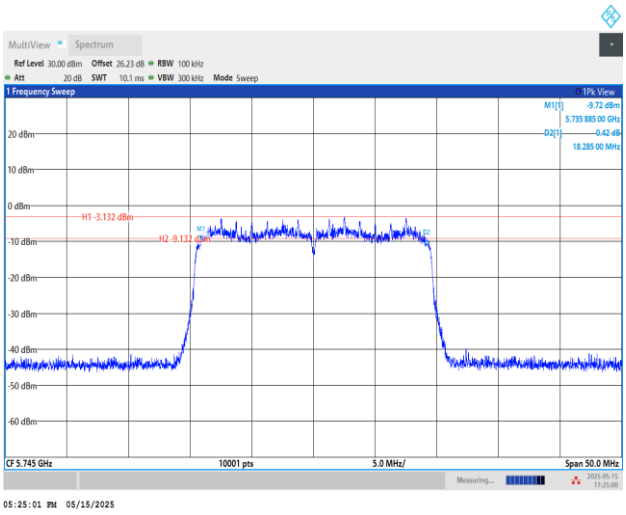
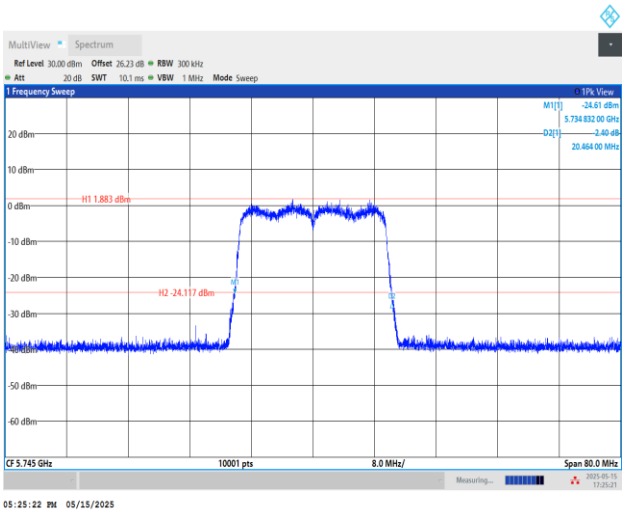
	

<802.11ax HE20>

6dB Bandwidth	26dB Bandwidth
	
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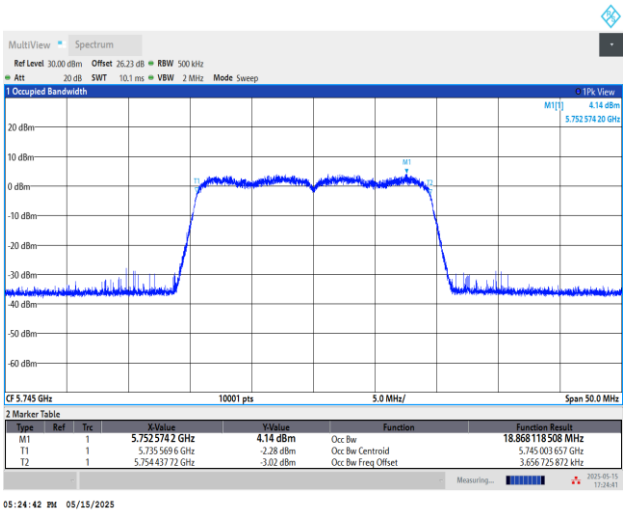
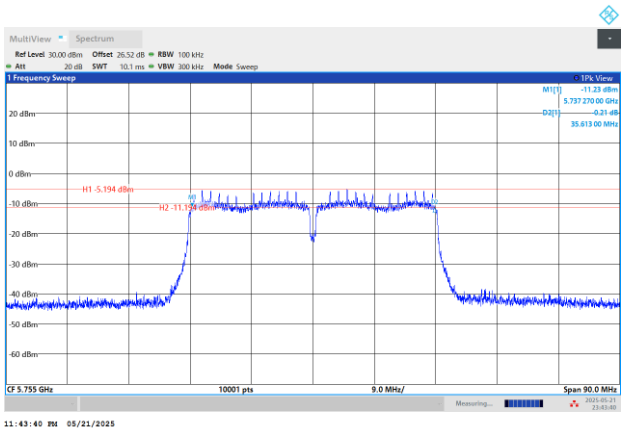
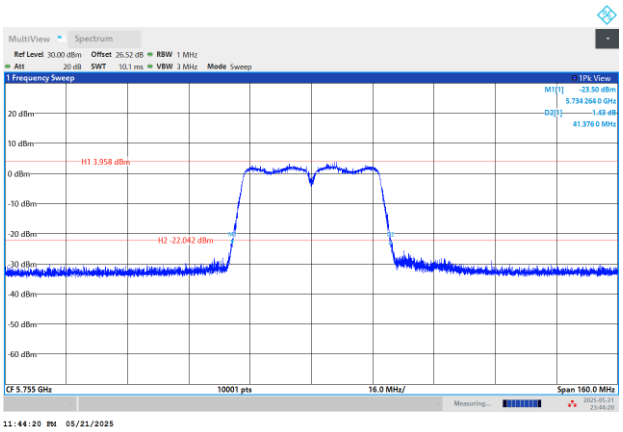
	

<802.11ac VHT40>

6dB Bandwidth	26dB Bandwidth
	
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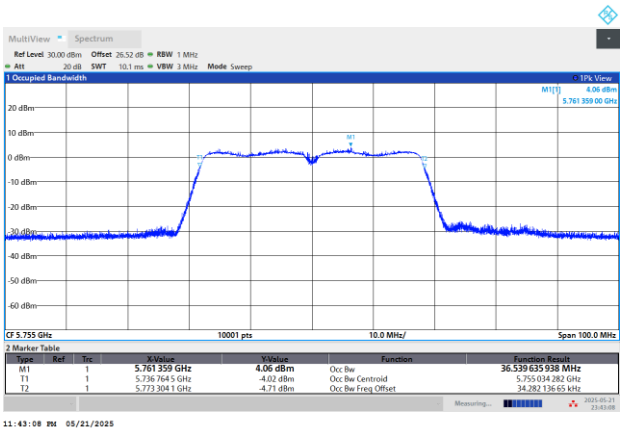
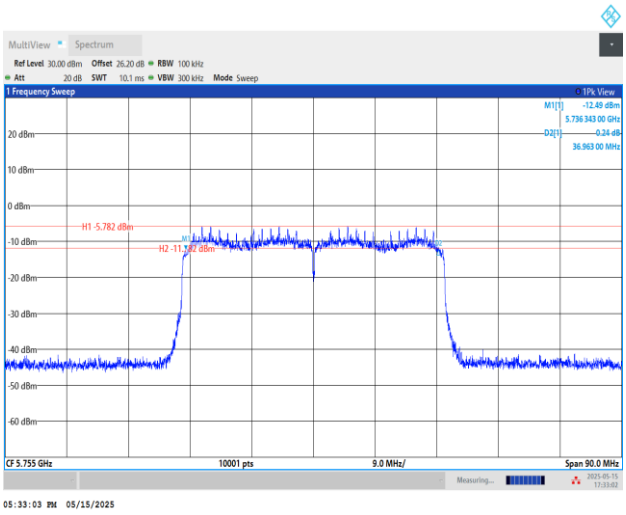
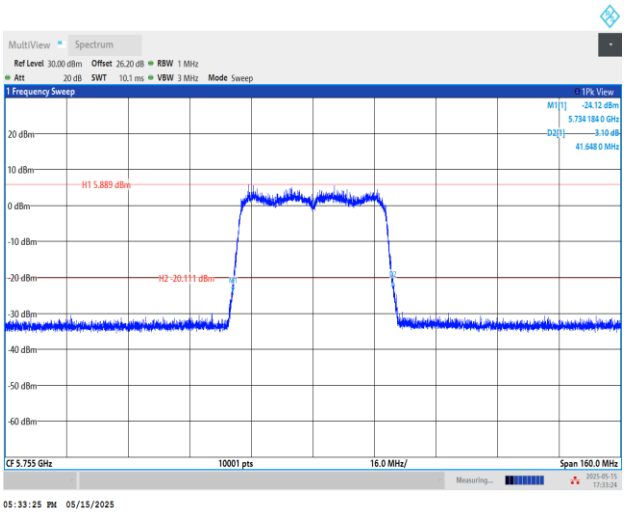
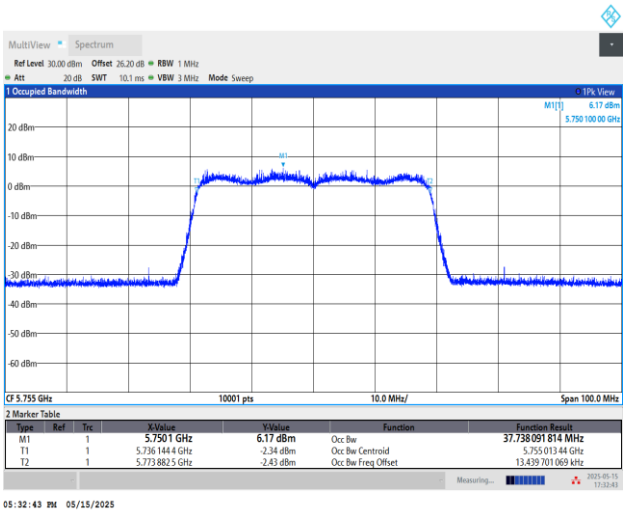
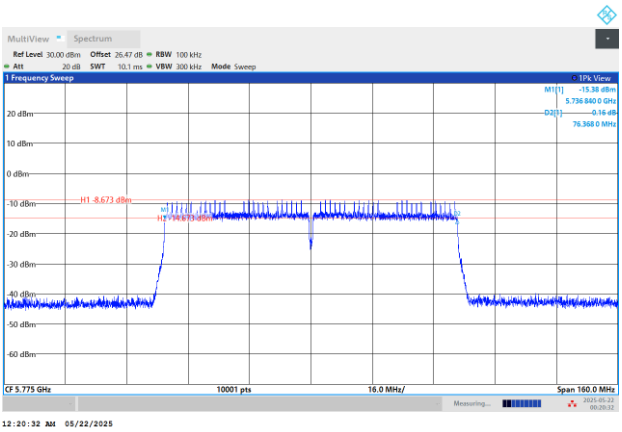
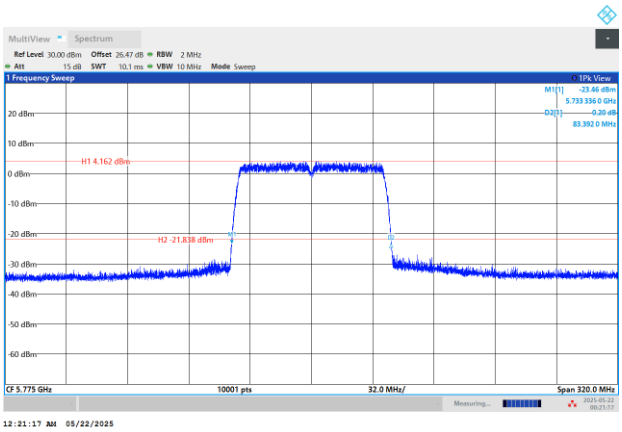
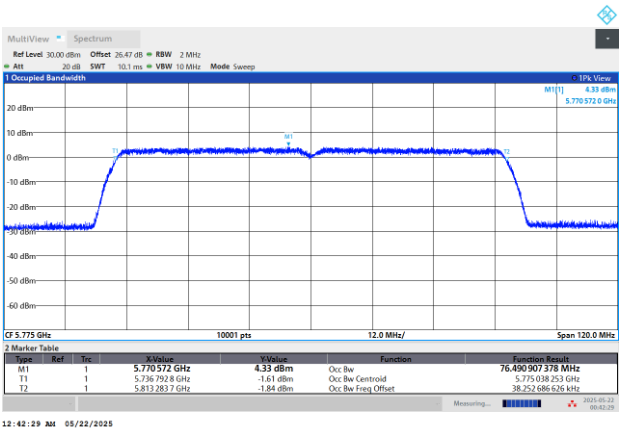
	

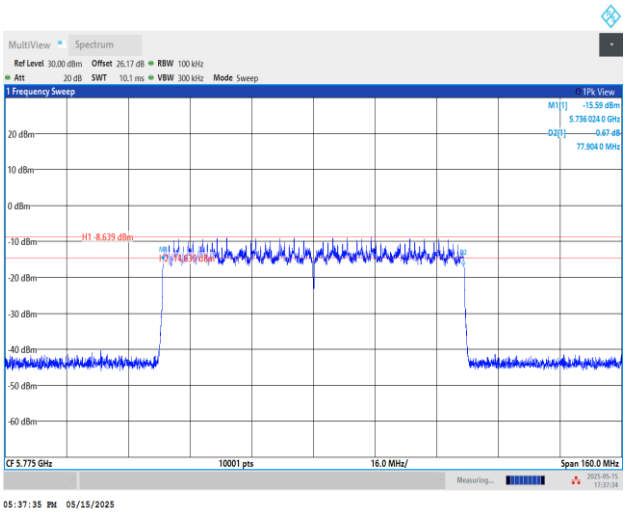
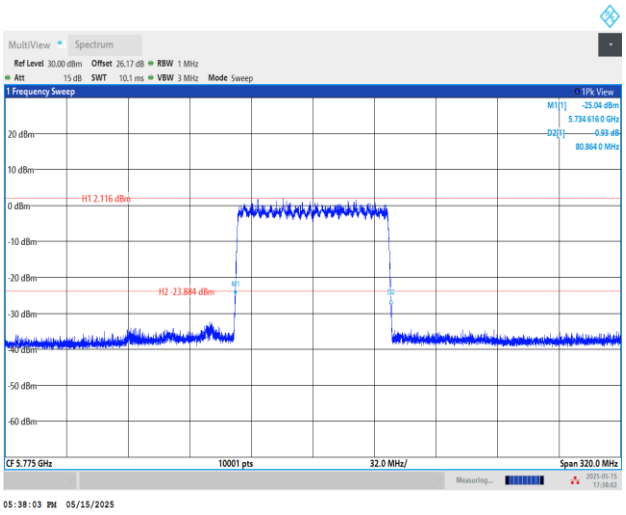
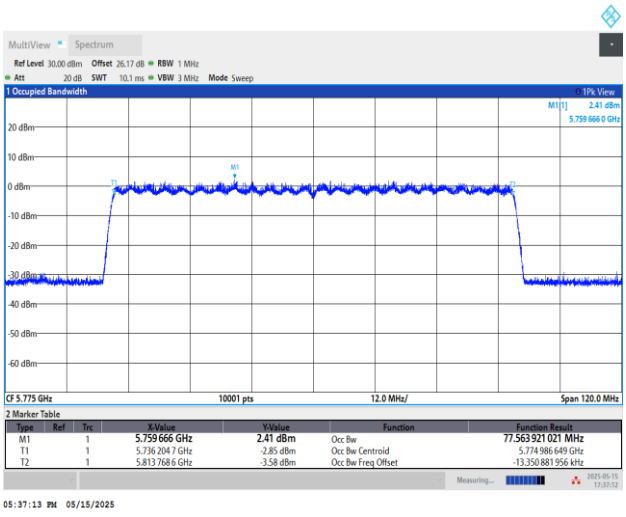
<802.11ax HE40>

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

<802.11ac VHT80>

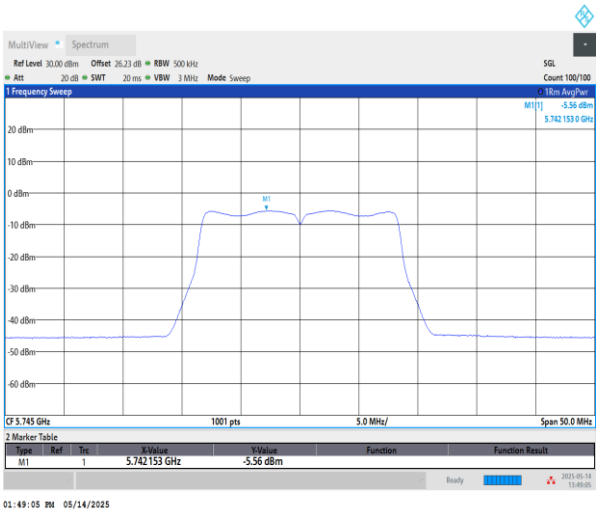
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ax HE80>

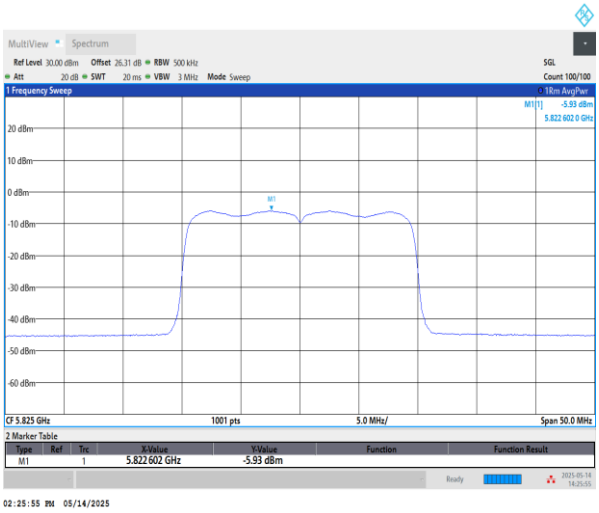
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

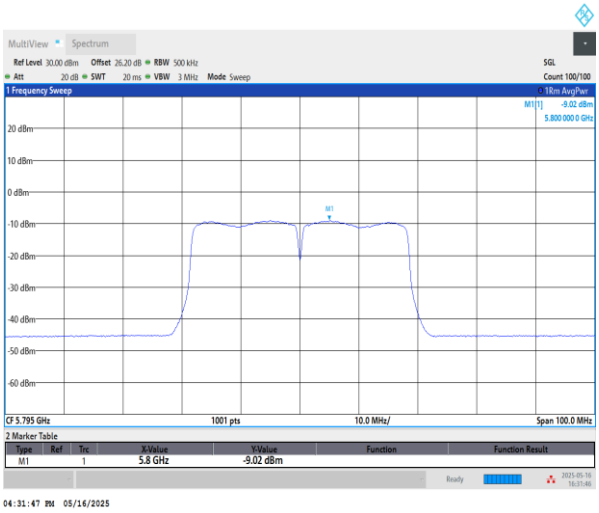
<802.11a>

Maximum Power Density Plot (dBm/500kHz)


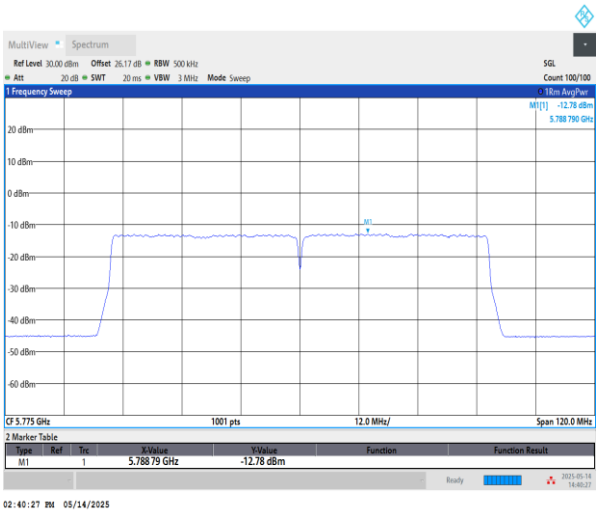
<802.11ac VHT20>

Maximum Power Density Plot (dBm/500kHz)


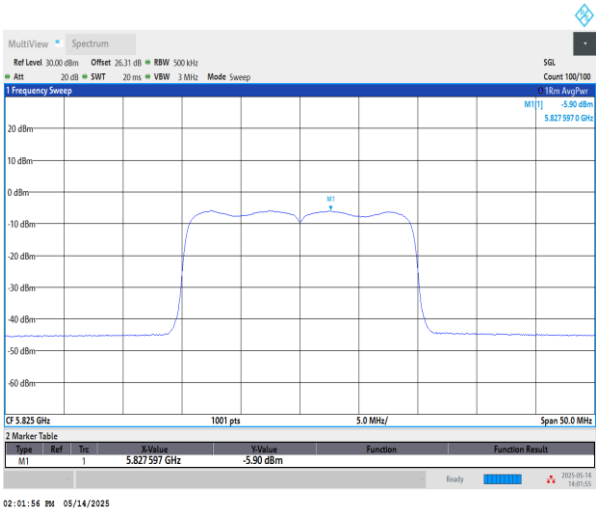
<802.11ac VHT40>

Maximum Power Density Plot (dBm/500kHz)


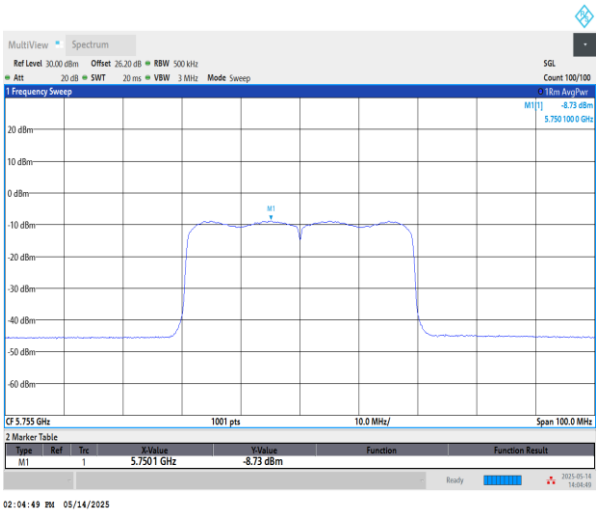
<802.11ac VHT80>

Maximum Power Density Plot (dBm/500kHz)


<802.11ax HE20>

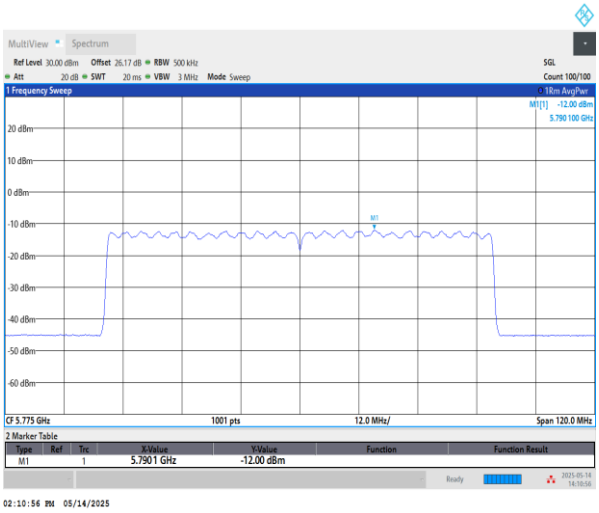
Maximum Power Density Plot (dBm/500kHz)


<802.11ax HE40>

Maximum Power Density Plot (dBm/500kHz)


<802.11ax HE80>

Maximum Power Density Plot (dBm/500kHz)

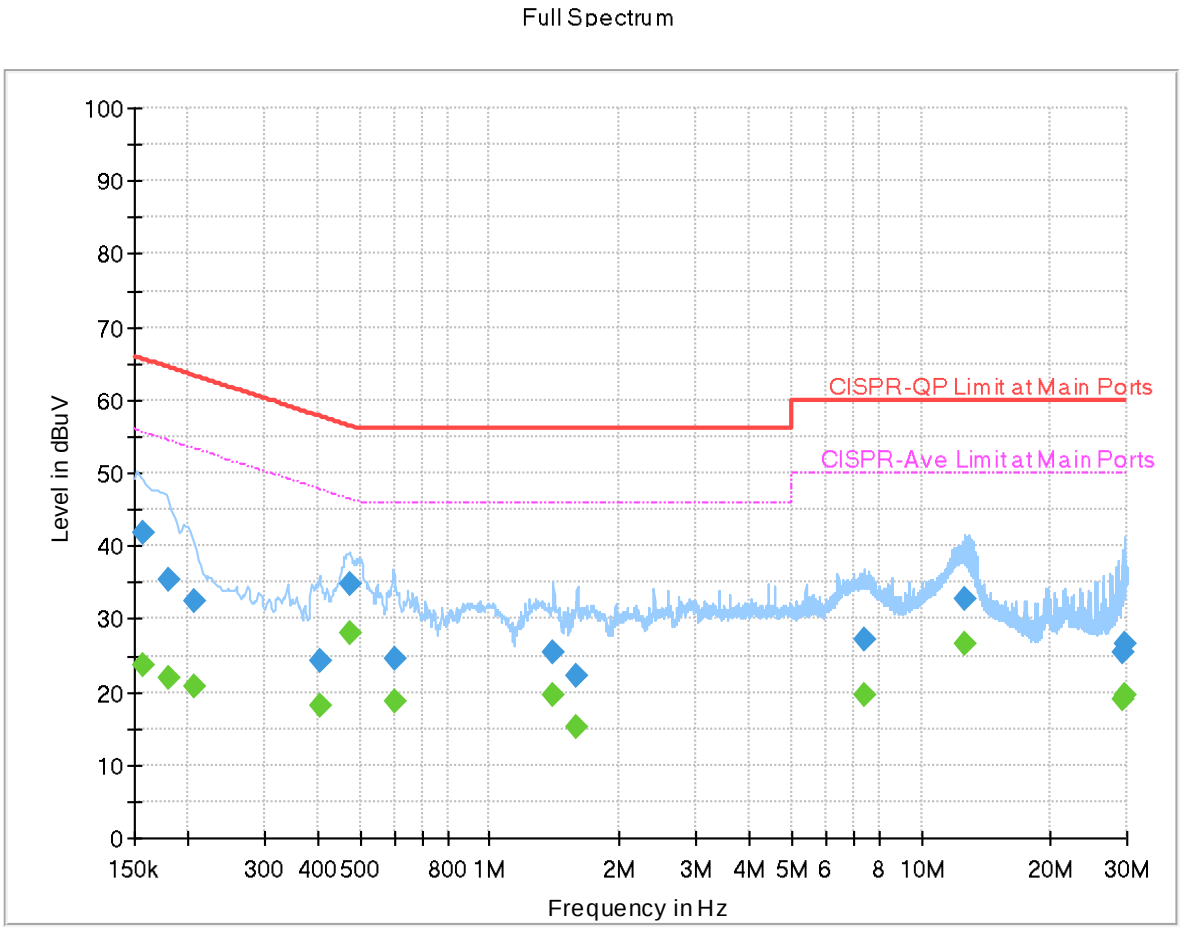


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	22.4~25.6℃
		Relative Humidity :	43.3~49.1%

EUT Information

Report NO :	541507
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line



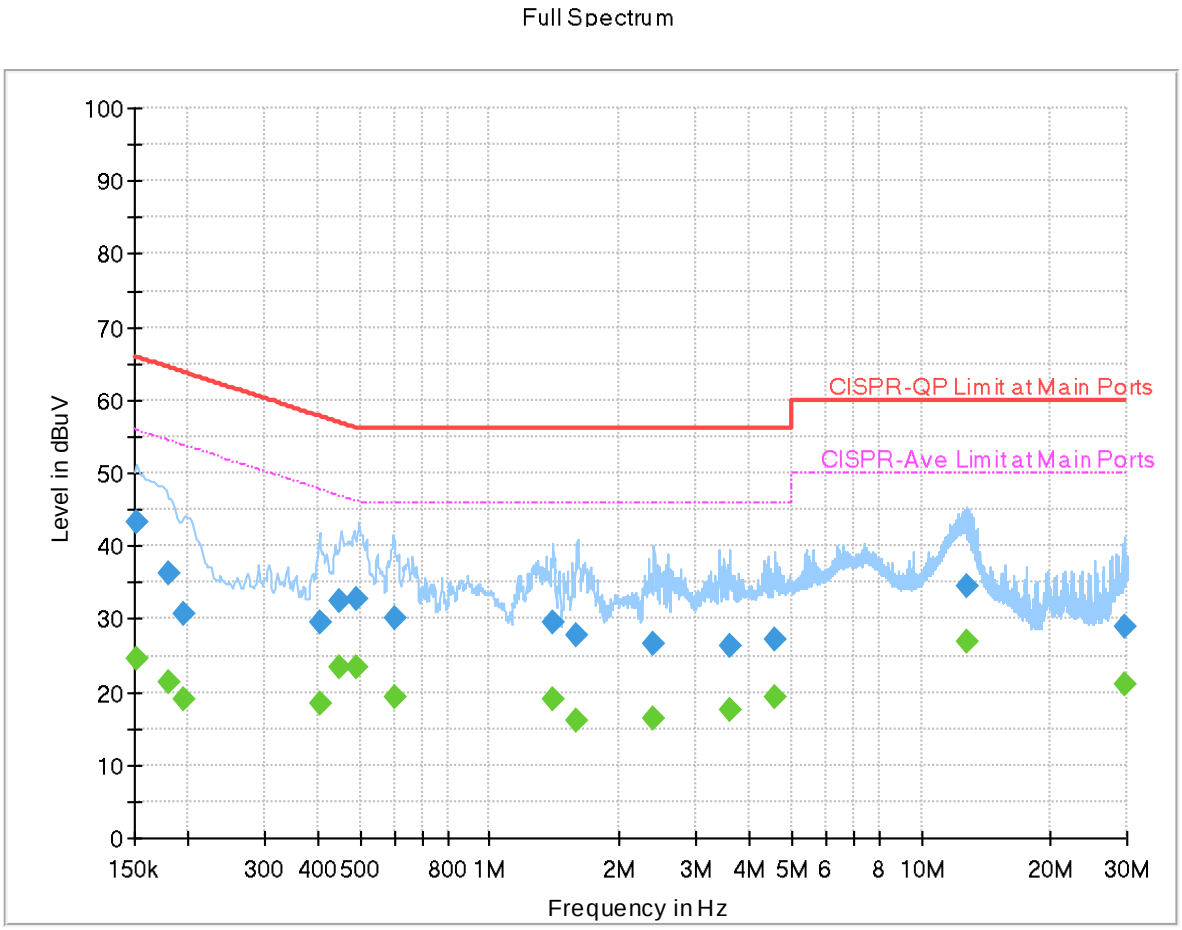
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.156750	---	23.55	55.63	32.08	L1	FLO	20.0
0.156750	41.86	---	65.63	23.77	L1	FLO	20.0
0.179250	---	22.03	54.52	32.49	L1	FLO	20.0
0.179250	35.43	---	64.52	29.09	L1	FLO	20.0
0.206250	---	20.74	53.36	32.62	L1	FLO	20.0
0.206250	32.34	---	63.36	31.02	L1	FLO	20.0
0.402900	---	18.23	47.79	29.56	L1	FLO	20.0
0.402900	24.31	---	57.79	33.48	L1	FLO	20.0
0.473190	---	27.95	46.46	18.51	L1	FLO	20.0
0.473190	34.68	---	56.46	21.78	L1	FLO	20.0
0.602250	---	18.75	46.00	27.25	L1	FLO	20.0
0.602250	24.70	---	56.00	31.30	L1	FLO	20.0
1.401900	---	19.56	46.00	26.44	L1	FLO	20.0
1.401900	25.41	---	56.00	30.59	L1	FLO	20.0
1.592250	---	15.19	46.00	30.81	L1	FLO	20.0
1.592250	22.16	---	56.00	33.84	L1	FLO	20.0
7.404000	---	19.62	50.00	30.38	L1	FLO	20.3
7.404000	27.12	---	60.00	32.88	L1	FLO	20.3
12.619500	---	26.56	50.00	23.44	L1	FLO	20.5

12.619500	**32.67**	**---**	**60.00**	**27.33**	**L1**	**FLO**	**20.5**
29.402160	**---**	**19.07**	**50.00**	**30.93**	**L1**	**FLO**	**21.1**
29.402160	**25.55**	**---**	**60.00**	**34.45**	**L1**	**FLO**	**21.1**
29.598000	**---**	**19.47**	**50.00**	**30.53**	**L1**	**FLO**	**21.1**
29.598000	**26.58**	**---**	**60.00**	**33.42**	**L1**	**FLO**	**21.1**

EUT Information

Report NO :	541507
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)
0.152363	---	24.53	55.87	31.34	N	FLO	20.0
0.152363	43.31	---	65.87	22.56	N	FLO	20.0
0.179250	---	21.27	54.52	33.25	N	FLO	20.0
0.179250	36.31	---	64.52	28.21	N	FLO	20.0
0.195000	---	19.07	53.82	34.75	N	FLO	20.0
0.195000	30.83	---	63.82	32.99	N	FLO	20.0
0.402810	---	18.53	47.80	29.27	N	FLO	20.0
0.402810	29.44	---	57.80	28.36	N	FLO	20.0
0.447000	---	23.26	46.93	23.67	N	FLO	20.0
0.447000	32.32	---	56.93	24.61	N	FLO	20.0
0.492000	---	23.41	46.13	22.72	N	FLO	20.0
0.492000	32.69	---	56.13	23.44	N	FLO	20.0
0.600090	---	19.31	46.00	26.69	N	FLO	20.0
0.600090	29.99	---	56.00	26.01	N	FLO	20.0
1.402890	---	19.07	46.00	26.93	N	FLO	20.0
1.402890	29.40	---	56.00	26.60	N	FLO	20.0
1.592250	---	15.98	46.00	30.02	N	FLO	20.0
1.592250	27.91	---	56.00	28.09	N	FLO	20.0
2.397750	---	16.23	46.00	29.77	N	FLO	20.1

2.397750	26.51	---	56.00	29.49	N	FLO	20.1
3.593040	---	17.65	46.00	28.35	N	FLO	20.1
3.593040	26.43	---	56.00	29.57	N	FLO	20.1
4.600500	---	19.18	46.00	26.82	N	FLO	20.2
4.600500	27.21	---	56.00	28.79	N	FLO	20.2
12.786000	---	26.85	50.00	23.15	N	FLO	20.5
12.786000	34.58	---	60.00	25.42	N	FLO	20.5
29.591250	---	21.18	50.00	28.82	N	FLO	21.0
29.591250	28.85	---	60.00	31.15	N	FLO	21.0

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jerry Lan, Gary Guo and Steven Wu	**Temperature :**	20~26℃
		Relative Humidity :	40~65%

Note symbol

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

C1-1. Radiated Spurious Emission Test Modes

<Sample 1>

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 41	U-NII-3	5.725-5.85	1	802.11a	149	5745	6Mbps	-	-
Mode 42	U-NII-3	5.725-5.85	1	802.11a	157	5785	6Mbps	-	-
Mode 43	U-NII-3	5.725-5.85	1	802.11a	165	5825	6Mbps	-	-
Mode 44	U-NII-3	5.725-5.85	1	802.11ax HE20	149	5745	MCS0	Full RU	-
Mode 45	U-NII-3	5.725-5.85	1	802.11ax HE20	157	5785	MCS0	Full RU	-
Mode 46	U-NII-3	5.725-5.85	1	802.11ax HE20	165	5825	MCS0	Full RU	-
Mode 47	U-NII-3	5.725-5.85	1	802.11ax HE40	151	5755	MCS0	Full RU	-
Mode 48	U-NII-3	5.725-5.85	1	802.11ax HE40	159	5795	MCS0	Full RU	-
Mode 49	U-NII-3	5.725-5.85	1	802.11ax HE80	155	5775	MCS0	Full RU	-
Mode 50	U-NII-3	5.725-5.85	1	802.11ax HE20	165	5825	MCS0	Partial RU 106/54	-
Mode 51	U-NII-3	5.725-5.85	1	802.11ac VHT80	155	5775	MCS0	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 52	U-NII-3	5.725-5.85	1	802.11ac VHT80	155	5775	MCS0	-	LF

C1-2. Summary of each worse mode

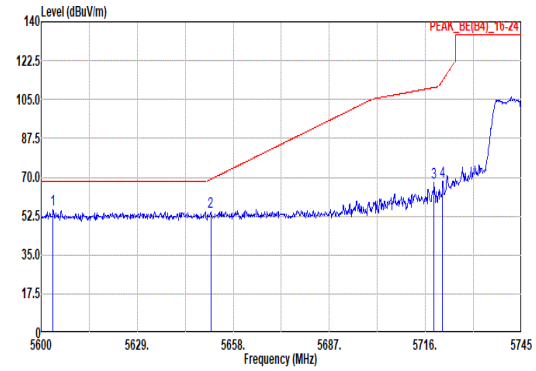
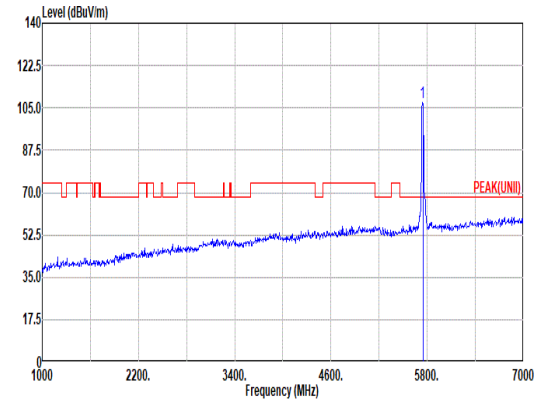
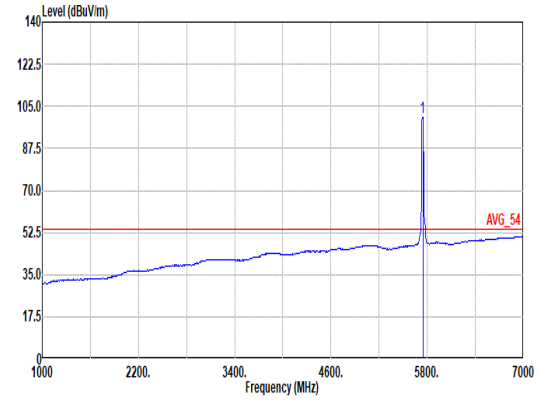
<Sample 1>

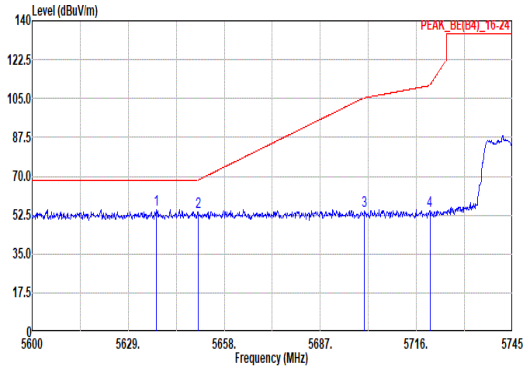
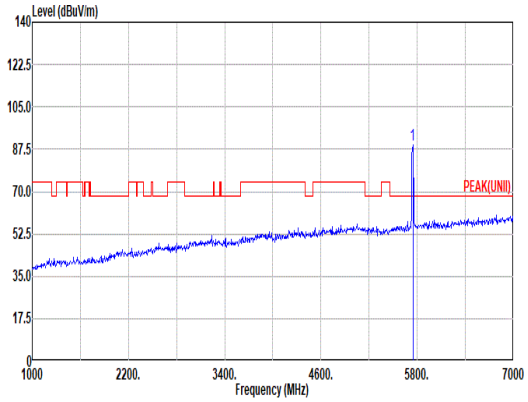
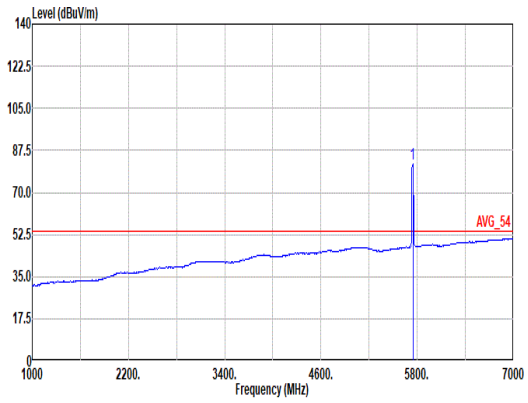
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
41	802.11a	149	5603.63	55.28	68.20	-12.92	H	Peak	Pass	-	Band Edge
	802.11a	149	17235.00	51.34	68.20	-16.86	V	Peak	Pass	-	Harmonic
42	802.11a	157	5926.08	56.80	68.20	-11.40	H	Peak	Pass	-	Band Edge
	802.11a	157	17355.00	50.53	68.20	-17.67	V	Peak	Pass	-	Harmonic
43	802.11a	165	5929.13	56.77	68.20	-11.43	V	Peak	Pass	-	Band Edge
	802.11a	165	17475.00	52.01	68.20	-16.19	H	Peak	Pass	-	Harmonic
44	802.11ax HE20	149	5638.14	54.92	68.20	-13.28	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	149	17235.00	51.68	68.20	-16.52	H	Peak	Pass	Full RU	Harmonic
45	802.11ax HE20	157	5929.05	56.25	68.20	-11.95	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	157	17355.00	51.00	68.20	-17.20	V	Peak	Pass	Full RU	Harmonic
46	802.11ax HE20	165	5939.50	56.03	68.20	-12.17	V	Peak	Pass	Full RU	Band Edge

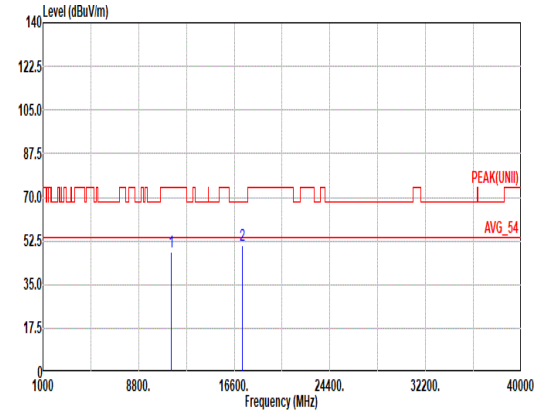
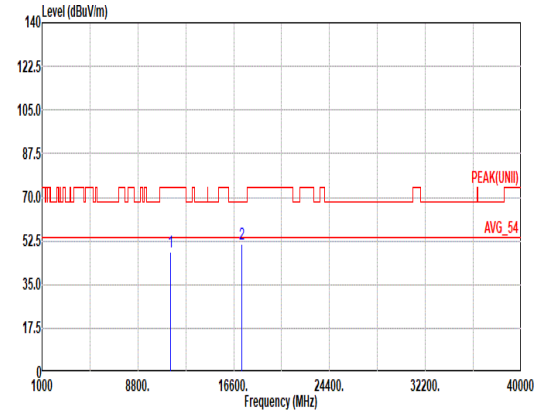
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
46	802.11ax HE20	165	17475.00	52.15	68.20	-16.05	H	Peak	Pass	Full RU	Harmonic
47	802.11ax HE40	151	5927.38	56.44	68.20	-11.76	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	151	17265.00	51.80	68.20	-16.40	H	Peak	Pass	Full RU	Harmonic
48	802.11ax HE40	159	5930.94	56.67	68.20	-11.53	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	159	17385.00	51.90	68.20	-16.30	H	Peak	Pass	Full RU	Harmonic
49	802.11ax HE80	155	5622.40	63.96	68.20	-4.24	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE80	155	17325.00	52.04	68.20	-16.16	V	Peak	Pass	Full RU	Harmonic
50	802.11ax HE20	165	5939.50	56.82	68.20	-11.38	H	Peak	Pass	Partial RU 106/54	Band Edge
	802.11ax HE20	165	-	-	-	-	-	-	-	Partial RU 106/54	Harmonic
51	802.11ac VHT80	155	5646.73	64.42	68.20	-3.78	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	155	17325.00	51.35	68.20	-16.85	H	Peak	Pass	-	Harmonic

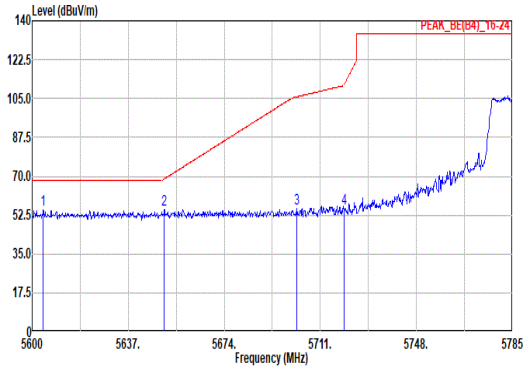
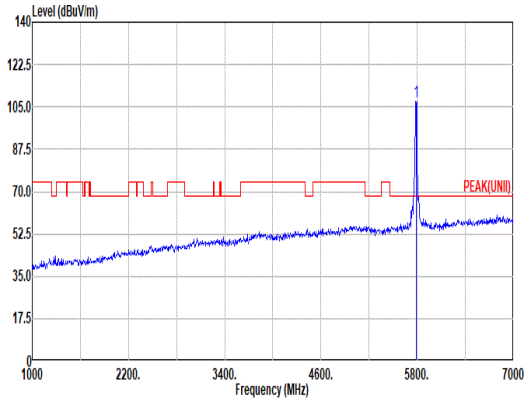
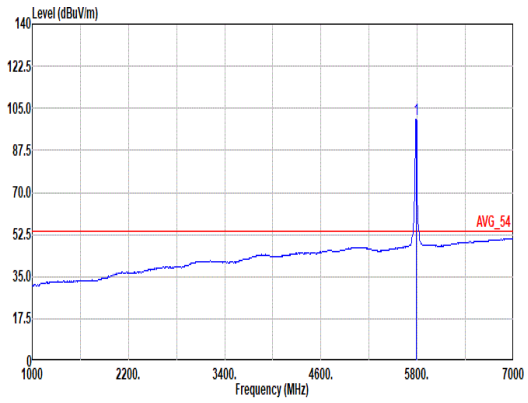
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
52	LF	155	37.76	33.11	40.00	-6.89	V	QP	Pass	-	LF

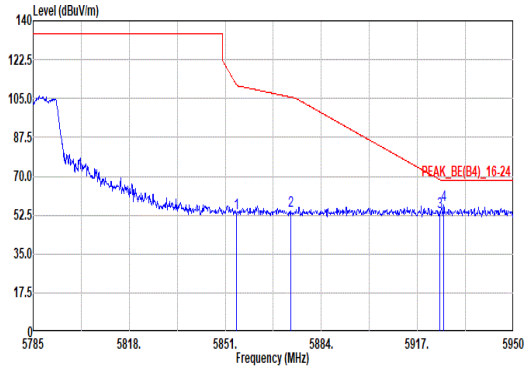
<Sample 1>

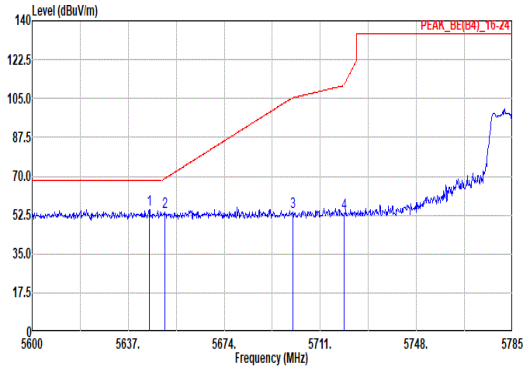
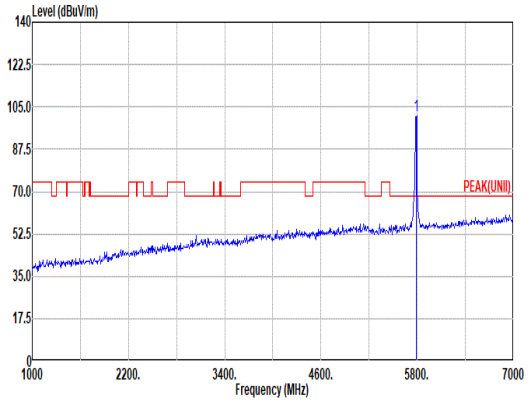
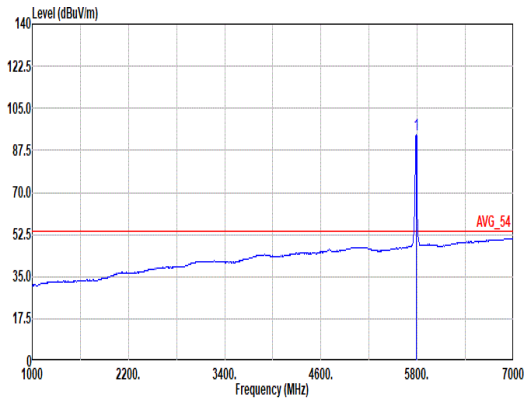
Mode	41	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5603.63 55.28 68.20 -12.92 40.39 33.01 11.65 29.77 0.00 100 115 Peak 2 5651.19 54.31 69.08 -14.77 39.20 33.21 11.70 29.80 0.00 100 115 Peak 3 5718.61 67.36 110.41 -43.05 51.76 33.67 11.77 29.84 0.00 100 115 Peak 4 5721.22 68.19 113.58 -45.39 52.57 33.68 11.78 29.84 0.00 100 115 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5745.00 107.30 ------ ------ 91.59 33.76 11.80 29.85 0.00 100 115 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5745.00 100.32 ------ ------ 84.61 33.76 11.80 29.85 0.00 100 115 Average

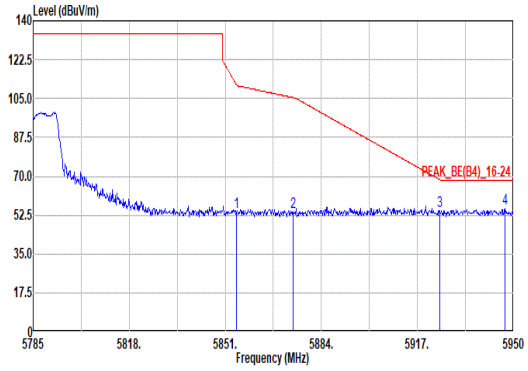
Mode	41	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5637.41 55.19 68.20 -13.01 40.14 33.15 11.69 29.79 0.00 100 220 Peak 2 5650.03 53.80 68.22 -14.42 38.70 33.20 11.70 29.80 0.00 100 220 Peak 3 5700.34 54.61 105.30 -50.69 39.08 33.60 11.76 29.83 0.00 100 220 Peak 4 5720.06 54.33 110.94 -56.61 38.71 33.68 11.78 29.84 0.00 100 220 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5745.00 89.06 ------ ------ 73.33 33.78 11.80 29.85 0.00 100 220 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5745.00 82.00 ------ ------ 66.27 33.78 11.80 29.85 0.00 100 220 Average

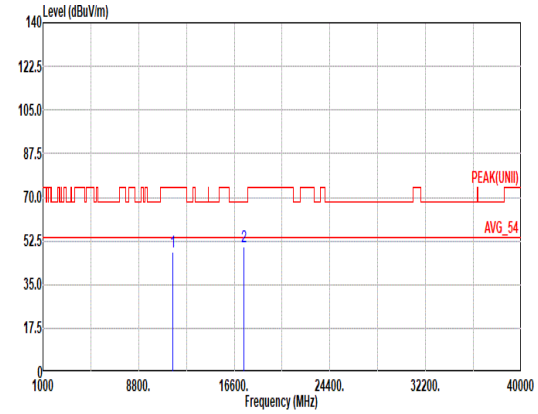
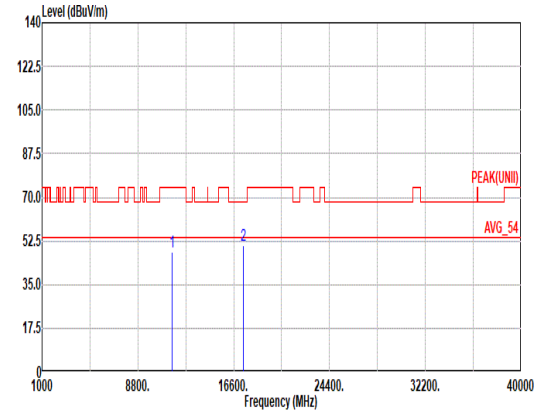
Mode	41	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11490.00 47.89 74.00 -26.11 57.19 39.10 16.74 65.73 0.59 -- -- Peak 2 17235.00 50.74 68.20 -17.46 54.88 38.66 21.01 64.44 0.63 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11490.00 47.96 74.00 -26.04 57.21 39.15 16.72 65.72 0.60 -- -- Peak 2 17235.00 51.34 68.20 -16.86 55.42 38.68 21.02 64.41 0.63 -- -- Peak

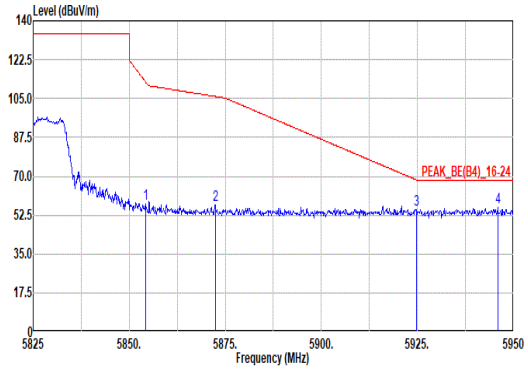
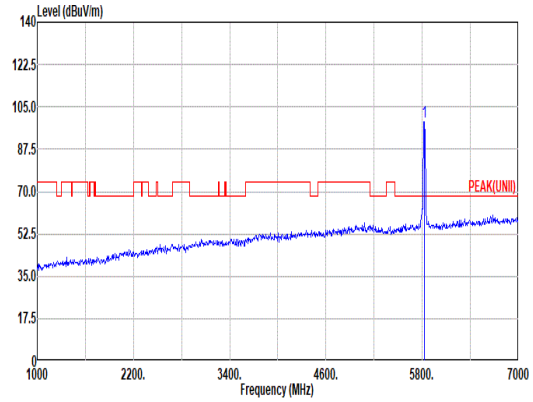
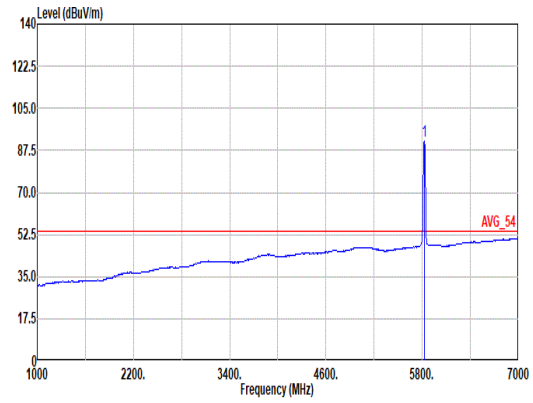
Mode	42	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5604.26 54.78 68.20 -13.42 39.88 33.02 11.65 29.77 0.00 100 112 Peak 2 5650.88 54.79 68.85 -14.06 39.68 33.21 11.70 29.80 0.00 100 112 Peak 3 5701.94 55.60 105.74 -50.14 40.06 33.61 11.76 29.83 0.00 100 112 Peak 4 5720.25 55.51 111.37 -55.86 39.89 33.68 11.78 29.84 0.00 100 112 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5785.00 107.36 ------ ------ 91.46 33.93 11.84 29.87 0.00 100 112 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5785.00 100.52 ------ ------ 84.60 33.95 11.85 29.88 0.00 100 112 Average

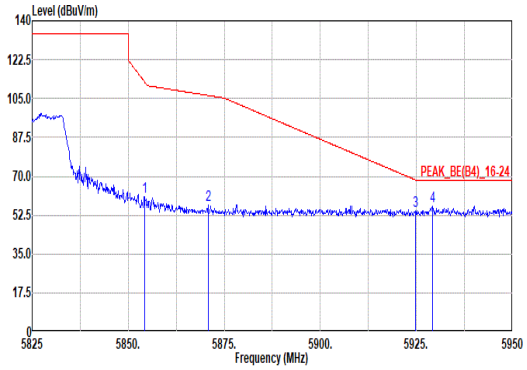
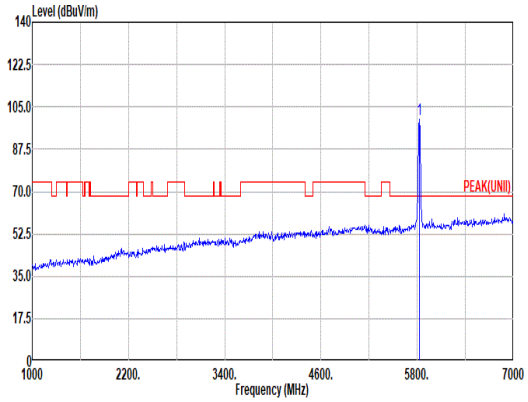
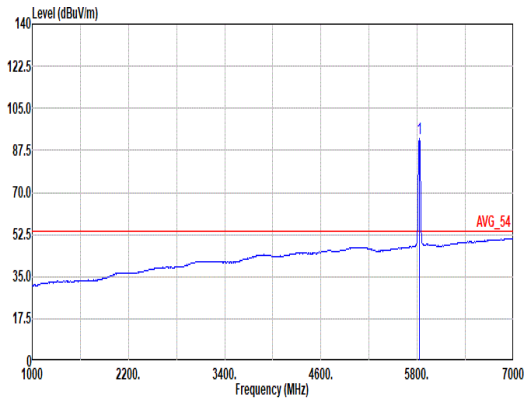
Mode	42	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 53.46 110.89 -57.43 37.26 34.21 11.91 29.92 0.00 100 112 Peak 2 5873.44 54.48 105.64 -51.16 38.24 34.25 11.92 29.93 0.00 100 112 Peak 3 5924.76 53.90 68.38 -14.48 37.59 34.30 11.97 29.96 0.00 100 112 Peak 4 5926.08 56.80 68.20 -11.40 40.49 34.30 11.97 29.96 0.00 100 112 Peak	Blank

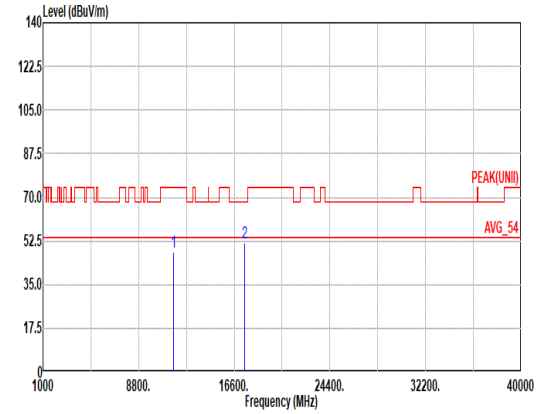
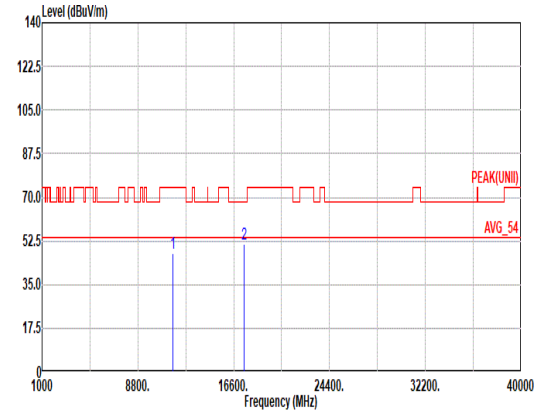
Mode	42	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5645.14 55.12 68.20 -13.08 40.03 33.18 11.70 29.79 0.00 235 70 Peak 2 5651.25 54.10 69.13 -15.03 38.99 33.21 11.70 29.80 0.00 235 70 Peak 3 5700.46 53.66 105.33 -51.67 38.13 33.60 11.76 29.83 0.00 235 70 Peak 4 5720.25 53.52 111.37 -57.85 37.90 33.68 11.78 29.84 0.00 235 70 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5785.00 101.29 ------ ------ 85.34 33.98 11.85 29.88 0.00 235 70 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5785.00 93.83 ------ ------ 77.91 33.95 11.85 29.88 0.00 235 70 Average

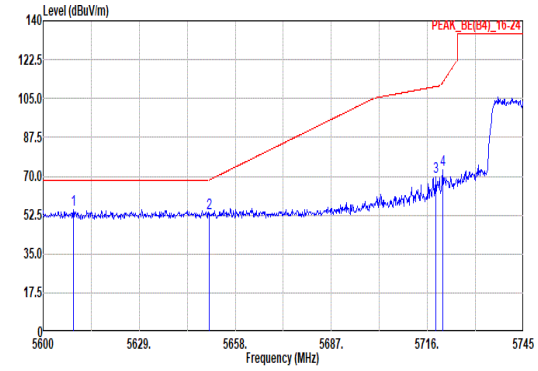
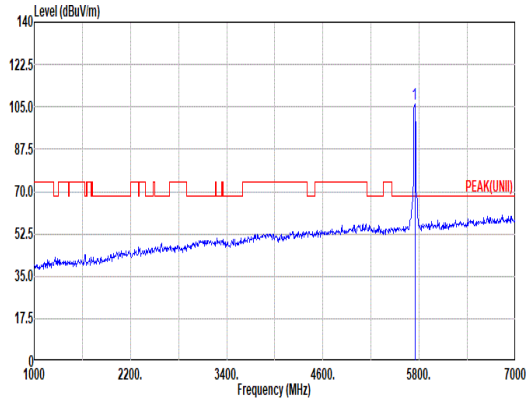
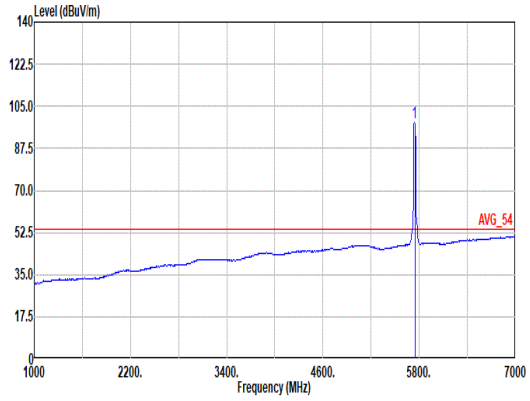
Mode	42	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 53.66 110.89 -57.23 37.46 34.21 11.91 29.92 0.00 235 70 Peak 2 5874.27 54.07 105.41 -51.34 37.83 34.25 11.92 29.93 0.00 235 70 Peak 3 5924.76 54.59 68.38 -13.79 38.28 34.30 11.97 29.96 0.00 235 70 Peak 4 5947.03 55.66 68.20 -12.54 39.35 34.30 11.98 29.97 0.00 235 70 Peak	Blank

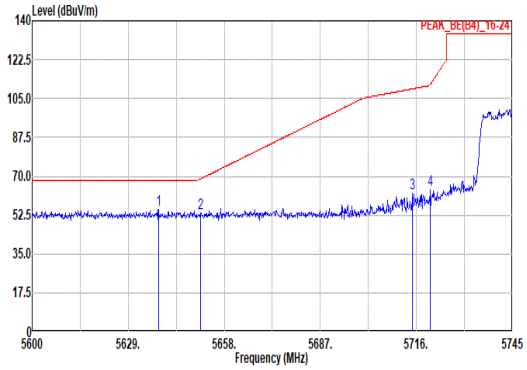
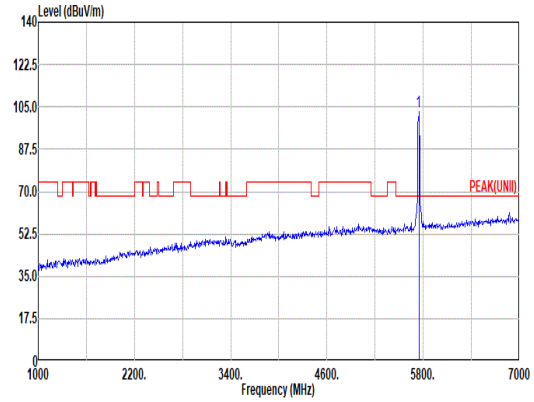
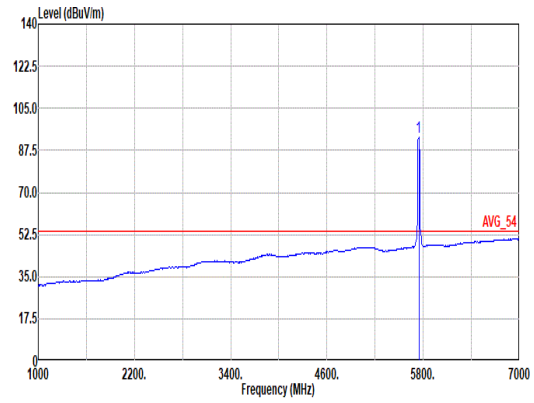
Mode	42	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11570.00 47.84 74.00 -26.16 57.45 38.75 16.82 65.76 0.58 -- -- Peak 2 17355.00 50.23 68.20 -17.97 53.59 38.89 21.19 64.06 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11570.00 47.84 74.00 -26.16 57.37 38.84 16.80 65.75 0.58 -- -- Peak 2 17355.00 50.53 68.20 -17.67 53.89 38.89 21.19 64.06 0.62 -- -- Peak

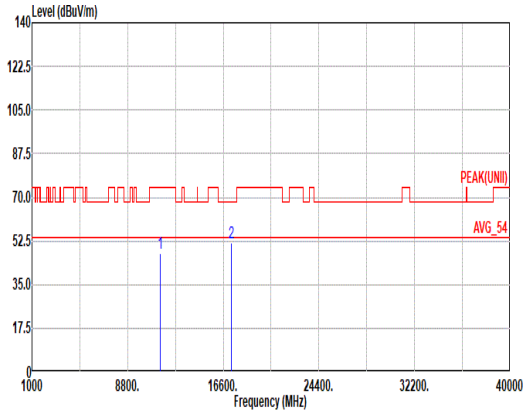
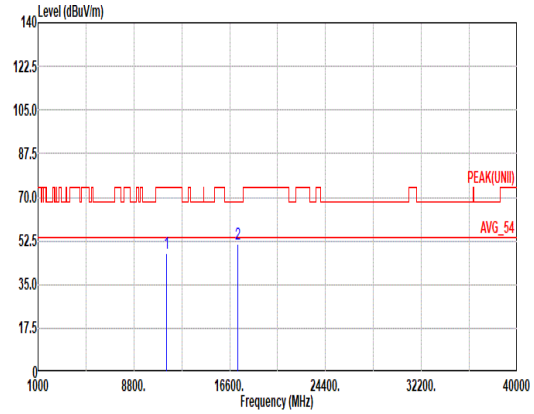
Mode	43	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.25 57.82 112.51 -54.69 41.62 34.21 11.91 29.92 0.00 200 121 Peak 2 5872.38 57.27 105.93 -48.66 41.04 34.24 11.92 29.93 0.00 200 121 Peak 3 5924.75 55.15 68.38 -13.23 38.84 34.30 11.97 29.96 0.00 200 121 Peak 4 5945.88 55.81 68.20 -12.39 39.50 34.30 11.98 29.97 0.00 200 121 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5825.00 98.75 ------ ------ 82.69 34.07 11.88 29.89 0.00 200 121 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5825.00 91.53 ------ ------ 75.45 34.10 11.88 29.90 0.00 200 121 Average

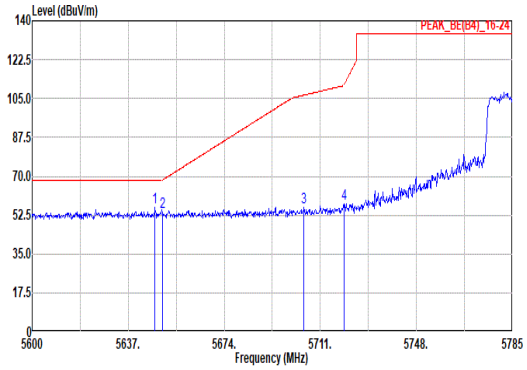
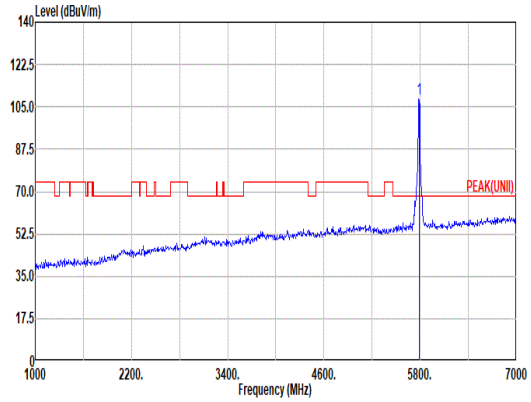
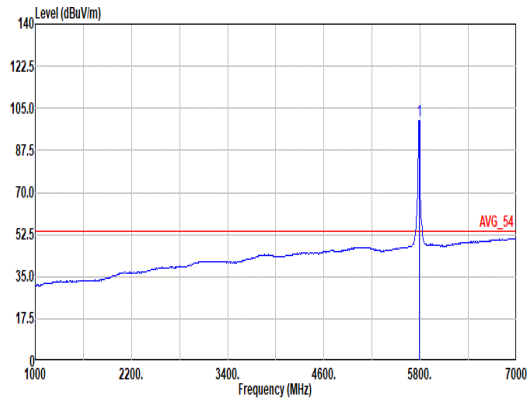
Mode	43	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.25 60.64 112.51 -51.87 44.44 34.21 11.91 29.92 0.00 300 127 Peak 2 5870.75 57.01 106.39 -49.38 40.78 34.24 11.92 29.93 0.00 300 127 Peak 3 5924.75 54.46 68.38 -13.92 38.15 34.30 11.97 29.96 0.00 300 127 Peak 4 5929.13 56.77 68.20 -11.43 40.46 34.30 11.97 29.96 0.00 300 127 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5825.00 99.78 ------ ------ 83.67 34.12 11.89 29.90 0.00 300 127 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5825.00 92.71 ------ ------ 76.60 34.12 11.89 29.90 0.00 300 127 Average

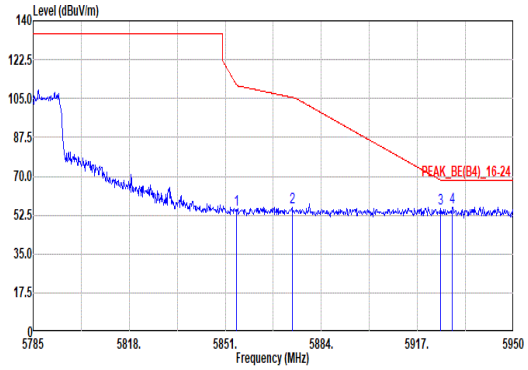
Mode	43	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.97 74.00 -26.03 57.71 38.60 16.87 65.78 0.57 -- -- Peak 2 17475.00 52.01 68.20 -16.19 54.75 39.07 21.34 63.77 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11650.00 47.80 74.00 -26.20 57.49 38.64 16.86 65.77 0.58 -- -- Peak 2 17475.00 51.42 68.20 -16.78 54.24 39.04 21.32 63.80 0.62 -- -- Peak

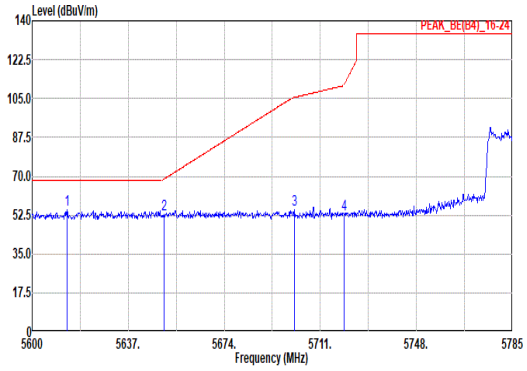
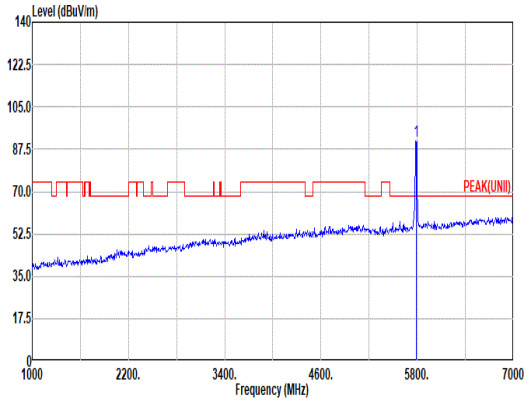
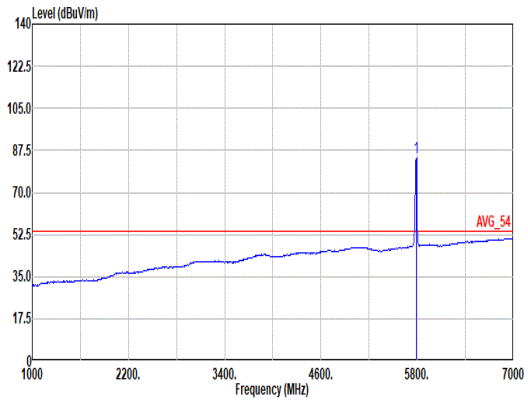
Mode	44	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5609.14 54.83 68.20 -13.37 39.90 33.04 11.66 29.77 0.00 194 112 Peak 2 5650.17 53.45 68.33 -14.88 38.35 33.20 11.70 29.80 0.00 194 112 Peak 3 5718.47 69.85 110.37 -40.52 54.25 33.67 11.77 29.84 0.00 194 112 Peak 4 5720.64 72.73 112.26 -39.53 57.11 33.68 11.78 29.84 0.00 194 112 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5745.00 106.07 ------ ------ 90.34 33.78 11.80 29.85 0.00 194 112 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5745.00 98.08 ------ ------ 82.37 33.76 11.80 29.85 0.00 194 112 Average

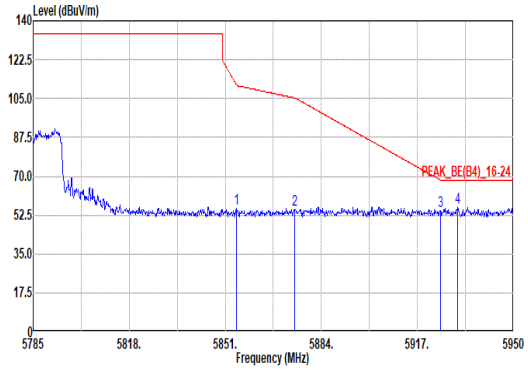
Mode	44	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5638.14 54.92 68.20 -13.28 39.87 33.15 11.69 29.79 0.00 300 72 Peak 2 5650.75 53.19 68.76 -15.57 38.08 33.21 11.70 29.80 0.00 300 72 Peak 3 5714.84 62.10 109.36 -47.26 46.50 33.66 11.77 29.83 0.00 300 72 Peak 4 5720.21 63.92 111.27 -47.35 48.30 33.68 11.78 29.84 0.00 300 72 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5745.00 103.00 ------ ------ 87.27 33.78 11.80 29.85 0.00 300 72 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5745.00 93.01 ------ ------ 77.25 33.81 11.81 29.86 0.00 300 72 Average

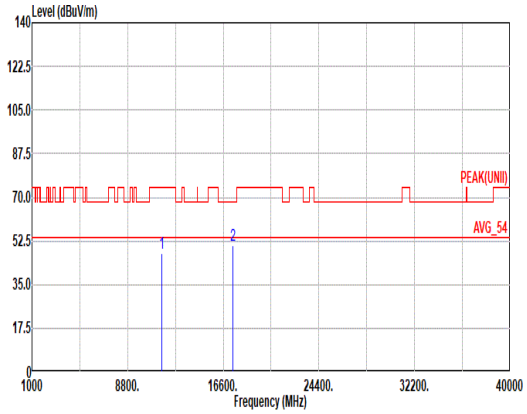
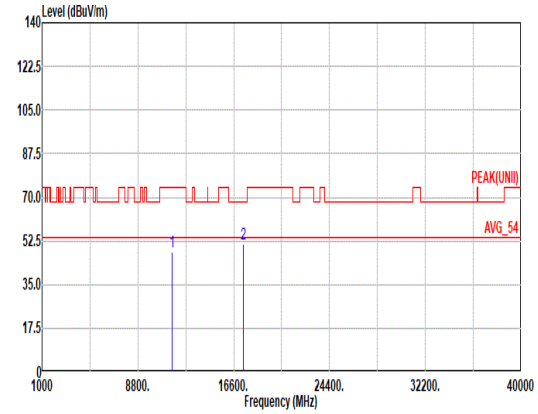
Mode	44	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11488.00 47.75 74.00 -26.25 57.04 39.12 16.73 65.73 0.59 -- -- Peak 2 17235.00 51.68 68.20 -16.52 55.78 38.67 21.02 64.42 0.63 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11488.00 47.78 74.00 -26.22 57.07 39.12 16.73 65.73 0.59 -- -- Peak 2 17235.00 51.21 68.20 -16.99 55.31 38.67 21.02 64.42 0.63 -- -- Peak

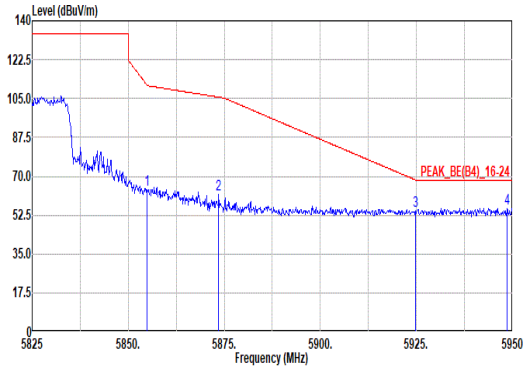
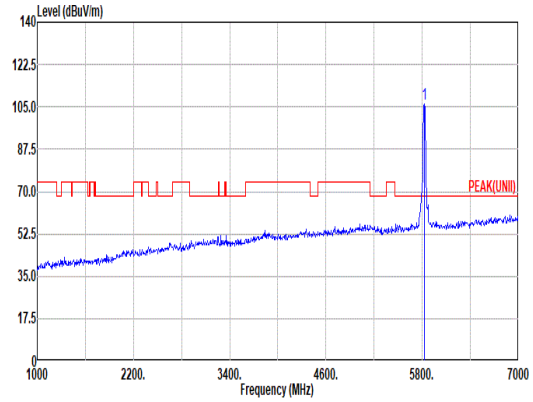
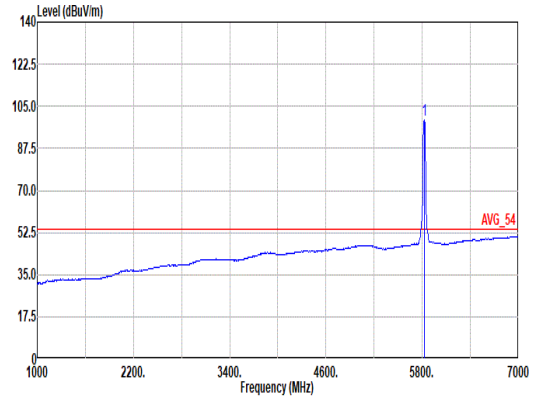
Mode	45	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5647.36 55.81 68.20 -12.39 40.72 33.19 11.70 29.80 0.00 100 113 Peak 2 5650.32 53.81 68.44 -14.63 38.71 33.20 11.70 29.80 0.00 100 113 Peak 3 5704.71 55.74 106.52 -50.78 40.19 33.62 11.76 29.83 0.00 100 113 Peak 4 5720.07 57.41 110.95 -53.54 41.79 33.68 11.78 29.84 0.00 100 113 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5785.00 108.40 ------ ------ 92.50 33.93 11.84 29.87 0.00 100 113 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5785.00 100.05 ------ ------ 84.15 33.93 11.84 29.87 0.00 100 113 Average

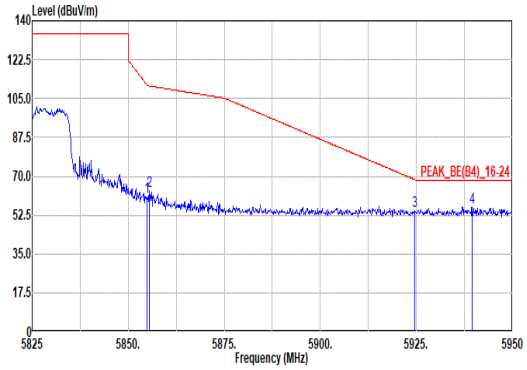
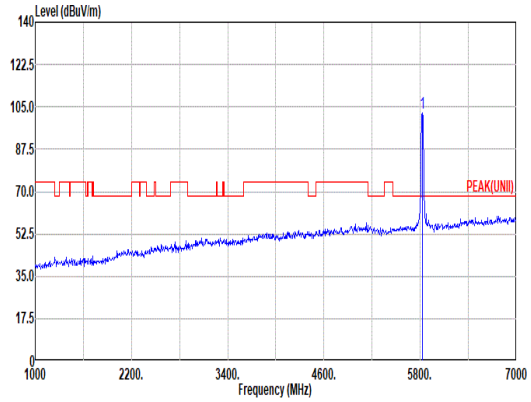
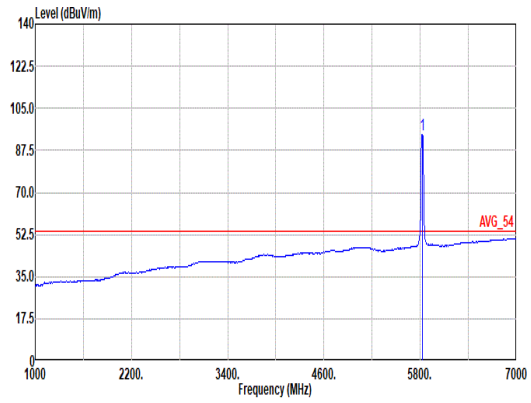
Mode	45	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 54.86 110.89 -56.03 38.66 34.21 11.91 29.92 0.00 100 113 Peak 2 5873.94 55.91 105.50 -49.59 39.67 34.25 11.92 29.93 0.00 100 113 Peak 3 5924.92 55.52 68.26 -12.74 39.21 34.30 11.97 29.96 0.00 100 113 Peak 4 5929.05 56.25 68.20 -11.95 39.94 34.30 11.97 29.96 0.00 100 113 Peak	Blank

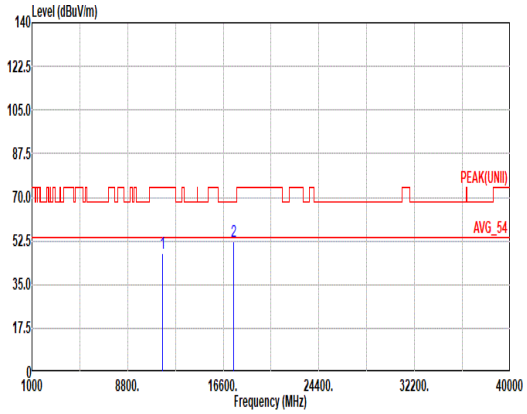
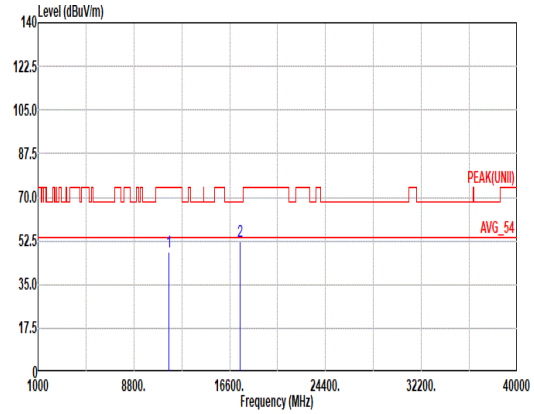
Mode	45	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5613.32 54.71 68.20 -13.49 39.78 33.05 11.66 29.78 0.00 100 111 Peak 2 5650.69 52.99 68.71 -15.72 37.88 33.21 11.70 29.80 0.00 100 111 Peak 3 5701.01 54.70 105.48 -50.78 39.17 33.60 11.76 29.83 0.00 100 111 Peak 4 5720.07 52.82 110.95 -58.13 37.20 33.68 11.78 29.84 0.00 100 111 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5785.00 90.97 ------ ------ 75.02 33.98 11.85 29.88 0.00 100 111 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5785.00 84.40 ------ ------ 68.45 33.98 11.85 29.88 0.00 100 111 Average

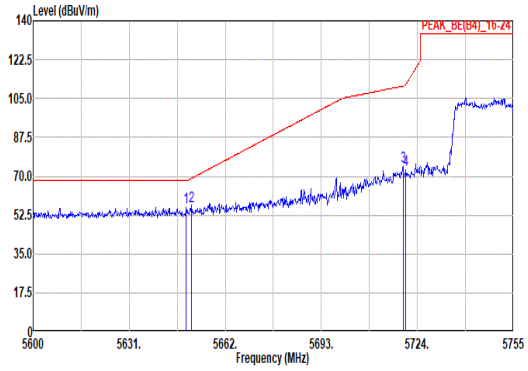
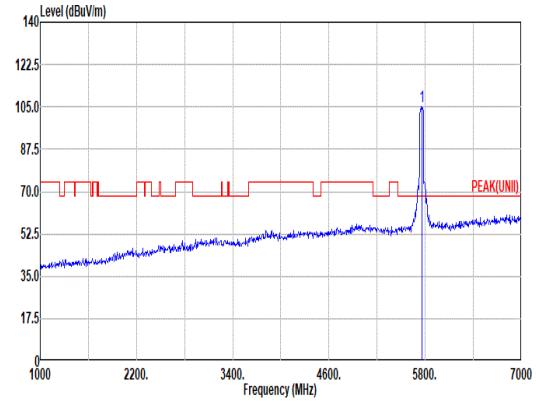
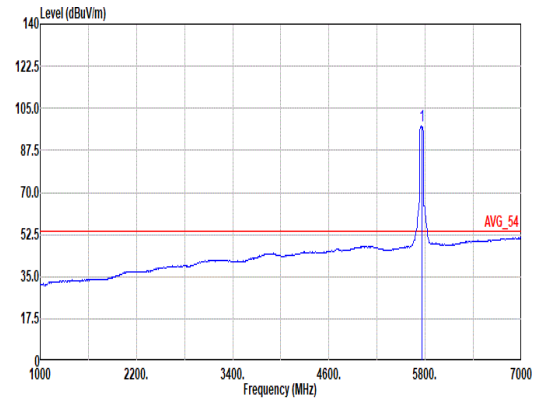
Mode	45	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.00 55.22 111.27 -56.05 39.02 34.21 11.91 29.92 0.00 100 111 Peak 2 5874.93 54.96 105.22 -50.26 38.72 34.25 11.92 29.93 0.00 100 111 Peak 3 5924.92 54.21 68.26 -14.05 37.90 34.30 11.97 29.96 0.00 100 111 Peak 4 5930.86 55.94 68.20 -12.26 39.63 34.30 11.97 29.96 0.00 100 111 Peak	Blank

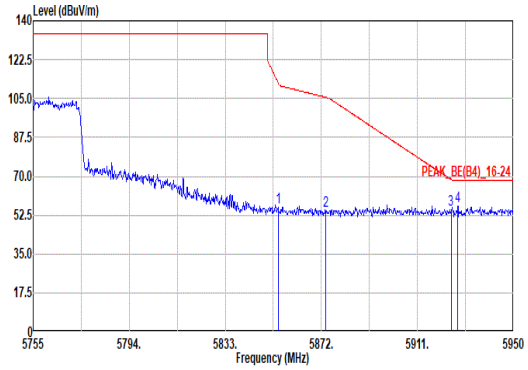
Mode	45	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11570.00 47.80 74.00 -26.20 57.33 38.84 16.80 65.75 0.58 -- -- Peak 2 17355.00 50.93 68.20 -17.27 54.43 38.82 21.17 64.11 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11570.00 47.85 74.00 -26.15 57.38 38.84 16.80 65.75 0.58 -- -- Peak 2 17355.00 51.00 68.20 -17.20 54.66 38.76 21.14 64.18 0.62 -- -- Peak

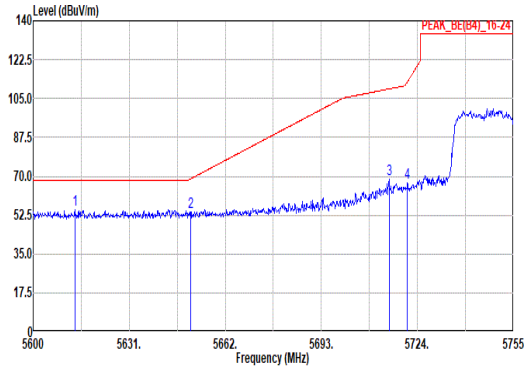
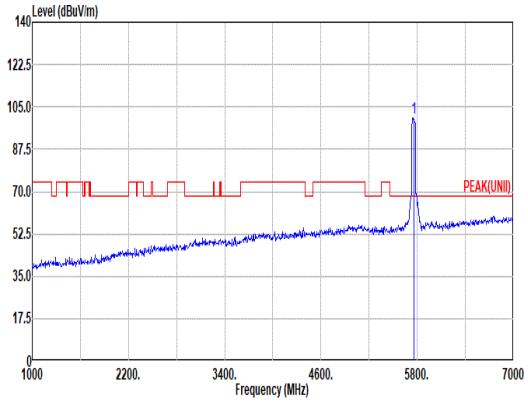
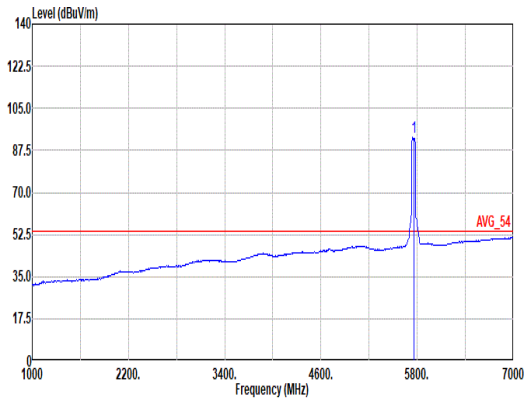
Mode	46	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.88 64.03 111.08 -47.05 47.83 34.21 11.91 29.92 0.00 100 111 Peak 2 5873.50 62.03 105.62 -43.59 45.79 34.25 11.92 29.93 0.00 100 111 Peak 3 5924.75 54.27 68.38 -14.11 37.96 34.30 11.97 29.96 0.00 100 111 Peak 4 5948.63 55.49 68.20 -12.71 39.17 34.30 11.99 29.97 0.00 100 111 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5825.00 106.18 ------ ------ 90.10 34.10 11.88 29.90 0.00 100 111 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5825.00 99.19 ------ ------ 83.11 34.10 11.88 29.90 0.00 100 111 Average

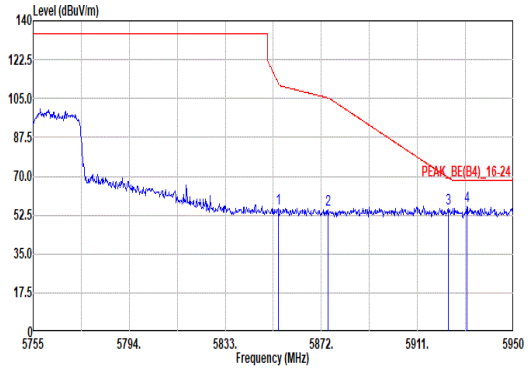
Mode	46	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.88 60.90 111.08 -50.18 44.70 34.21 11.91 29.92 0.00 192 68 Peak 2 5855.50 63.48 110.66 -47.18 47.28 34.21 11.91 29.92 0.00 192 68 Peak 3 5924.63 54.44 68.48 -14.04 38.13 34.30 11.97 29.96 0.00 192 68 Peak 4 5939.50 56.03 68.20 -12.17 39.71 34.30 11.98 29.96 0.00 192 68 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5825.00 102.47 ------ ------ 86.36 34.12 11.89 29.90 0.00 192 68 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5825.00 94.13 ------ ------ 78.05 34.10 11.88 29.90 0.00 192 68 Average

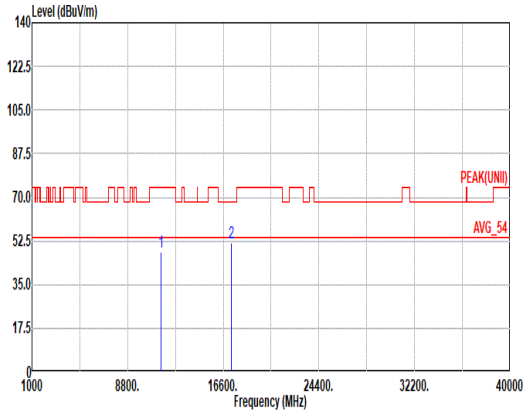
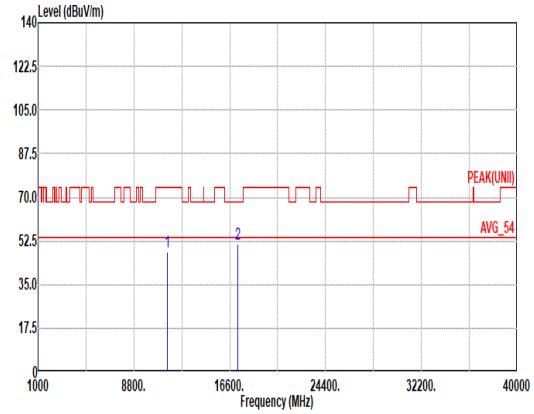
Mode	46	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.45 74.00 -26.55 57.14 38.64 16.86 65.77 0.58 -- -- Peak 2 17475.00 52.15 68.20 -16.05 55.09 39.00 21.30 63.86 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11650.00 47.88 74.00 -26.12 57.62 38.60 16.87 65.78 0.57 -- -- Peak 2 17475.00 52.09 68.20 -16.11 54.89 39.05 21.33 63.80 0.62 -- -- Peak

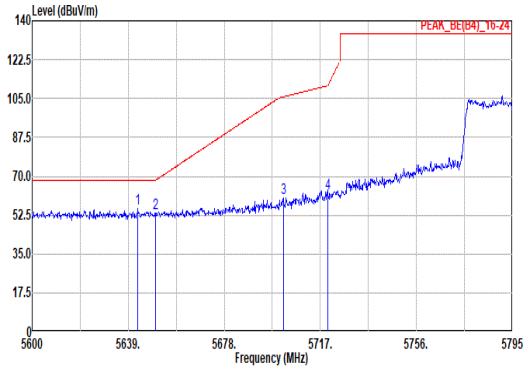
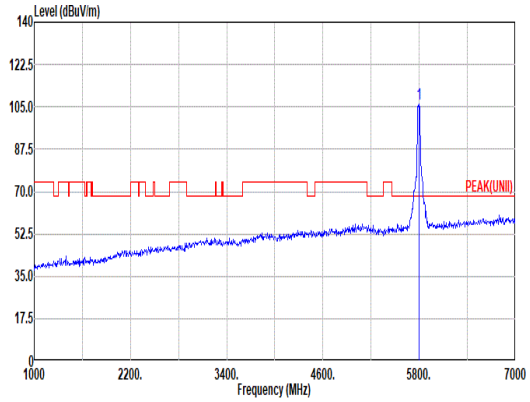
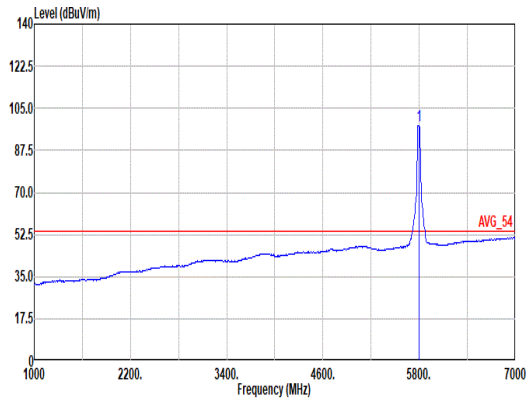
Mode	47	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.45 56.19 68.20 -12.01 41.09 33.20 11.70 29.80 0.00 100 108 Peak 2 5651.00 56.75 68.94 -12.19 41.64 33.21 11.70 29.80 0.00 100 108 Peak 3 5719.35 74.42 110.62 -36.20 58.80 33.68 11.78 29.84 0.00 100 108 Peak 4 5720.28 72.68 111.44 -38.76 57.06 33.68 11.78 29.84 0.00 100 108 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5755.00 104.96 ------ ------ 89.20 33.81 11.81 29.86 0.00 100 108 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:2.000kHz 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 5755.00 97.50 ------ ------ 81.74 33.81 11.81 29.86 0.00 100 108 Average

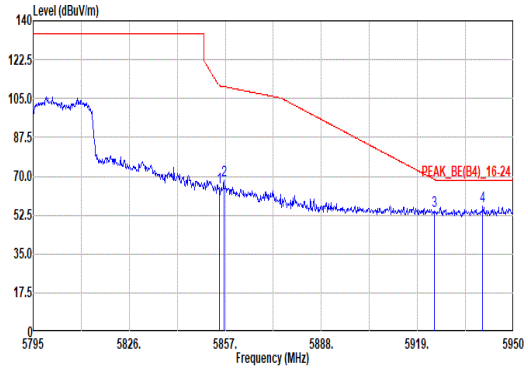
Mode	47	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 55.79 112.05 -56.26 39.59 34.21 11.91 29.92 0.00 100 108 Peak 2 5873.76 54.66 105.55 -50.89 38.42 34.25 11.92 29.93 0.00 100 108 Peak 3 5924.65 55.07 68.46 -13.39 38.76 34.30 11.97 29.96 0.00 100 108 Peak 4 5927.38 56.44 68.20 -11.76 40.13 34.30 11.97 29.96 0.00 100 108 Peak	Blank

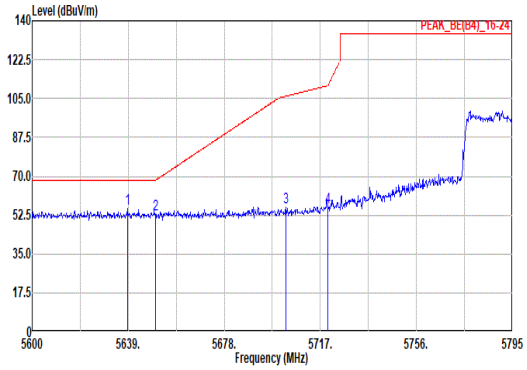
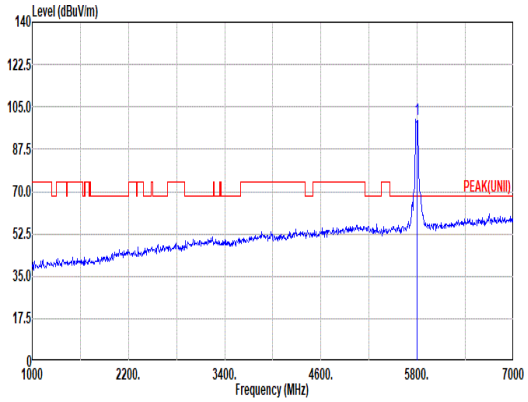
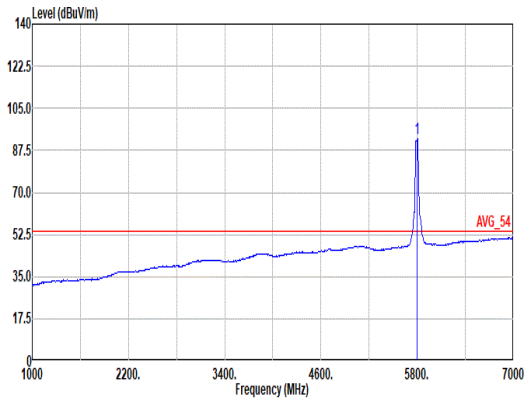
Mode	47	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5613.49 55.09 68.20 -13.11 40.16 33.05 11.66 29.78 0.00 200 70 Peak 2 5650.84 53.99 68.82 -14.83 38.88 33.21 11.70 29.80 0.00 200 70 Peak 3 5714.86 68.63 109.36 -40.73 53.03 33.66 11.77 29.83 0.00 200 70 Peak 4 5720.75 66.84 112.50 -45.66 51.22 33.68 11.78 29.84 0.00 200 70 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5755.00 100.46 ------ ------ 84.75 33.76 11.80 29.85 0.00 200 70 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:2.000kHz 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 5755.00 92.76 ------ ------ 77.05 33.76 11.80 29.85 0.00 200 70 Average

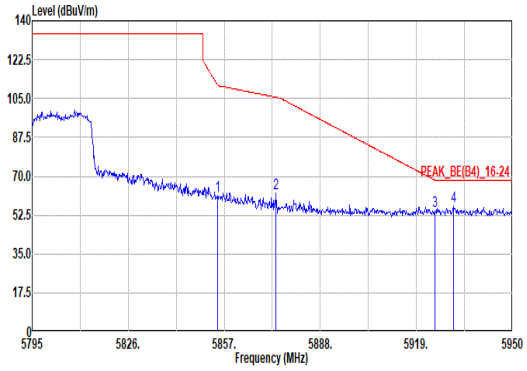
Mode	47	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 55.52 112.05 -56.53 39.32 34.21 11.91 29.92 0.00 200 70 Peak 2 5874.73 54.98 105.28 -50.30 38.74 34.25 11.92 29.93 0.00 200 70 Peak 3 5923.68 55.39 69.18 -13.79 39.08 34.30 11.97 29.96 0.00 200 70 Peak 4 5931.09 56.36 68.20 -11.84 40.05 34.30 11.97 29.96 0.00 200 70 Peak	Blank

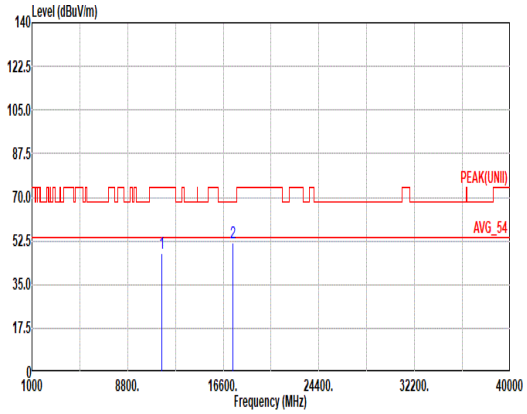
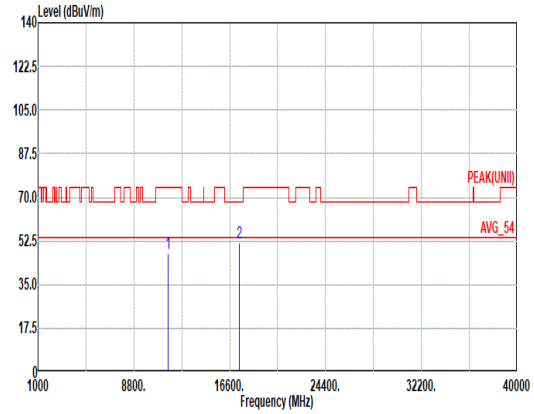
Mode	47	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11510.00 47.84 74.00 -26.16 57.17 39.06 16.75 65.73 0.59 -- -- Peak 2 17265.00 51.80 68.20 -16.40 55.94 38.66 21.01 64.44 0.63 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11510.00 47.89 74.00 -26.11 57.38 38.88 16.79 65.75 0.59 -- -- Peak 2 17265.00 51.31 68.20 -16.89 55.39 38.68 21.02 64.41 0.63 -- -- Peak

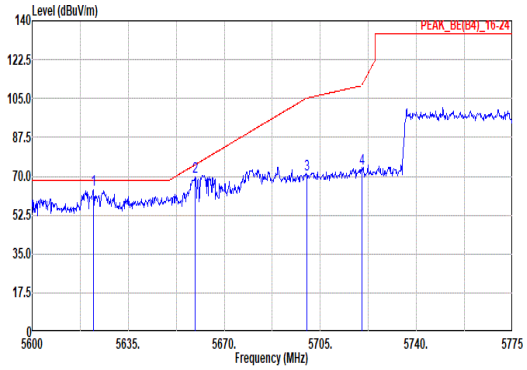
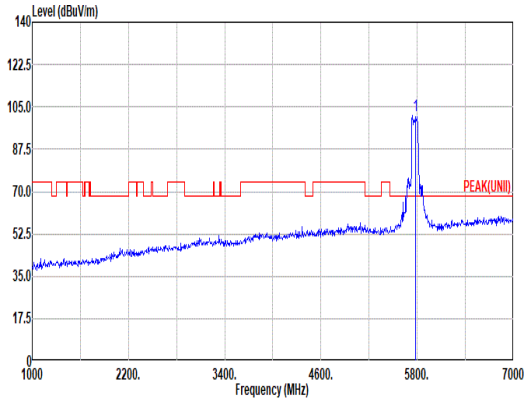
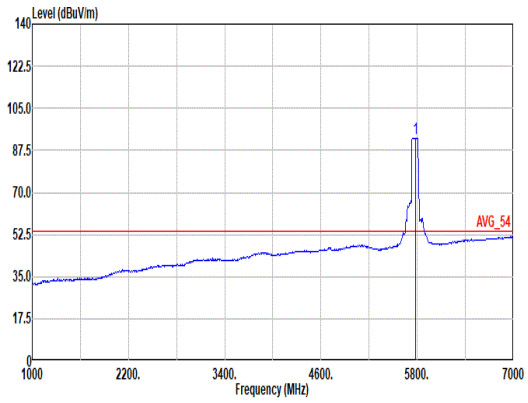
Mode	48	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5642.90 55.52 68.20 -12.68 40.44 33.17 11.70 29.79 0.00 100 110 Peak 2 5650.12 53.62 68.29 -14.67 38.52 33.20 11.70 29.80 0.00 100 110 Peak 3 5701.99 60.10 105.76 -45.66 44.56 33.61 11.76 29.83 0.00 100 110 Peak 4 5720.12 62.13 111.07 -48.94 46.51 33.68 11.78 29.84 0.00 100 110 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5795.00 106.15 ------ ------ 90.17 34.00 11.86 29.88 0.00 100 110 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:2.000kHz 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 5795.00 97.73 ------ ------ 81.83 33.93 11.84 29.87 0.00 100 110 Average

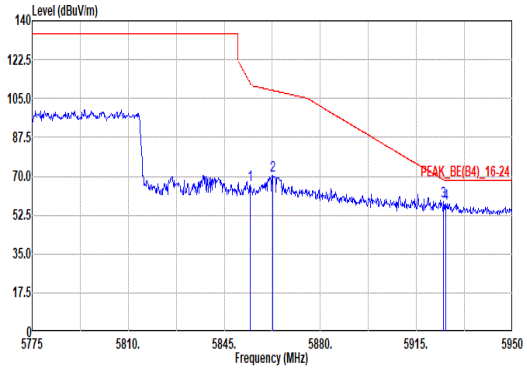
Mode	48	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.99 65.00 110.83 -45.83 48.80 34.21 11.91 29.92 0.00 100 110 Peak 2 5856.54 67.99 110.37 -42.38 51.79 34.21 11.91 29.92 0.00 100 110 Peak 3 5924.58 54.45 68.51 -14.06 38.14 34.30 11.97 29.96 0.00 100 110 Peak 4 5940.08 56.37 68.20 -11.83 40.06 34.30 11.98 29.97 0.00 100 110 Peak	Blank

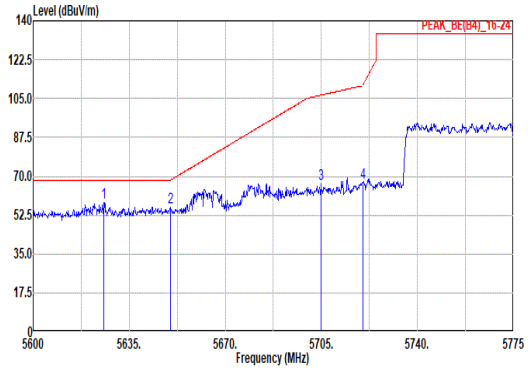
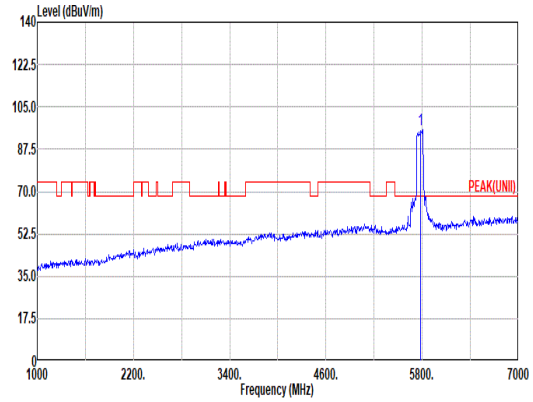
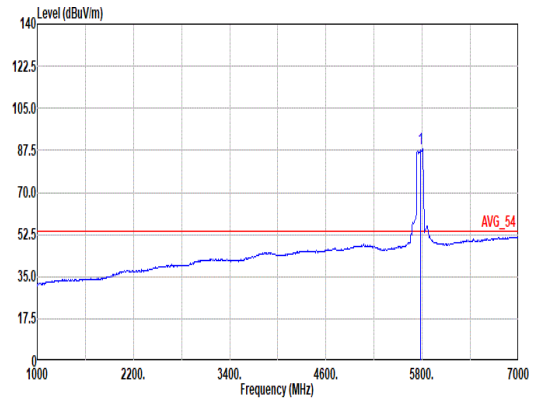
Mode	48	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5638.61 55.29 68.20 -12.91 40.24 33.15 11.69 29.79 0.00 200 63 Peak 2 5650.12 53.00 68.29 -15.29 37.90 33.20 11.70 29.80 0.00 200 63 Peak 3 5702.96 55.76 106.03 -50.27 40.22 33.61 11.76 29.83 0.00 200 63 Peak 4 5720.12 56.23 111.07 -54.84 40.61 33.68 11.78 29.84 0.00 200 63 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5795.00 100.02 ------ ------ 84.12 33.93 11.84 29.87 0.00 200 63 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:2.000kHz 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 5795.00 92.35 ------ ------ 76.32 34.05 11.87 29.89 0.00 200 63 Average

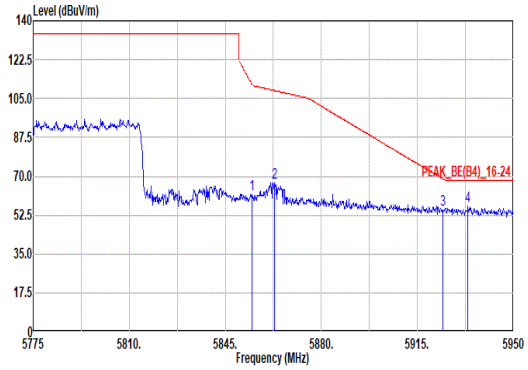
Mode	48	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.83 61.08 111.19 -50.11 44.88 34.21 11.91 29.92 0.00 200 63 Peak 2 5873.74 62.12 105.55 -43.43 45.88 34.25 11.92 29.93 0.00 200 63 Peak 3 5924.89 54.15 68.28 -14.13 37.84 34.30 11.97 29.96 0.00 200 63 Peak 4 5930.94 56.67 68.20 -11.53 40.36 34.30 11.97 29.96 0.00 200 63 Peak	Blank

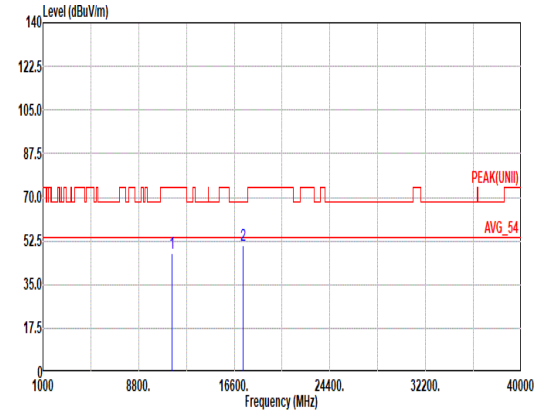
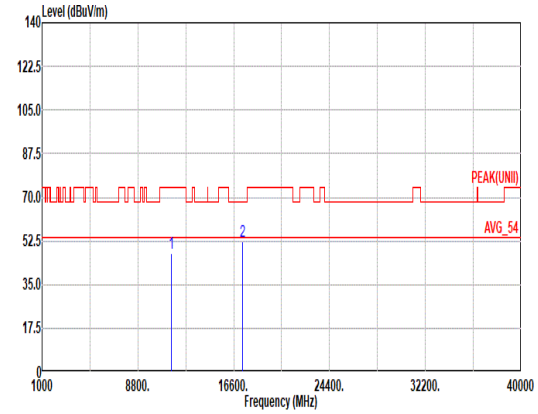
Mode	48	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11587.00 47.72 74.00 -26.28 57.33 38.75 16.82 65.76 0.58 -- -- Peak 2 17385.00 51.90 68.20 -16.30 55.16 38.94 21.21 64.03 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11587.00 47.80 74.00 -26.20 57.41 38.75 16.82 65.76 0.58 -- -- Peak 2 17385.00 51.61 68.20 -16.59 54.87 38.94 21.21 64.03 0.62 -- -- Peak

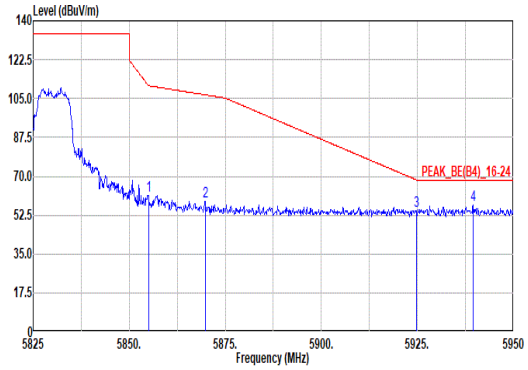
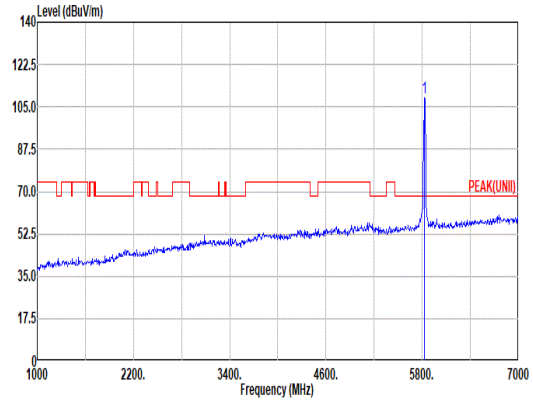
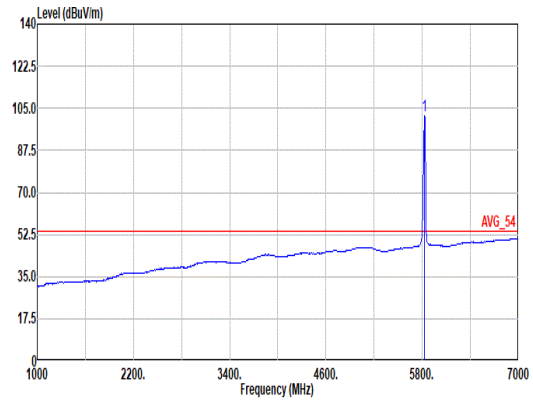
Mode	49	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5622.40 63.96 68.20 -4.24 48.98 33.09 11.67 29.78 0.00 100 113 Peak 2 5659.50 69.71 75.26 -5.55 54.52 33.28 11.71 29.80 0.00 100 113 Peak 3 5700.10 71.03 105.23 -34.20 55.50 33.60 11.76 29.83 0.00 100 113 Peak 4 5720.05 73.58 110.91 -37.33 57.96 33.68 11.78 29.84 0.00 100 113 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5775.00 101.20 ------ ------ 85.49 33.76 11.80 29.85 0.00 100 113 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3.600kHz 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 5775.00 92.64 ------ ------ 76.72 33.95 11.85 29.88 0.00 100 113 Average

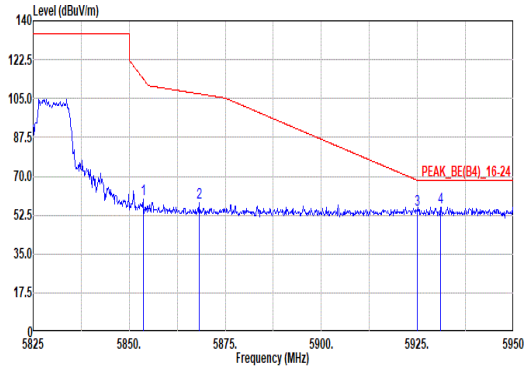
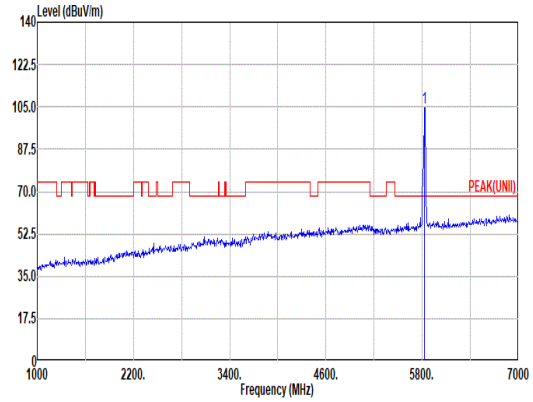
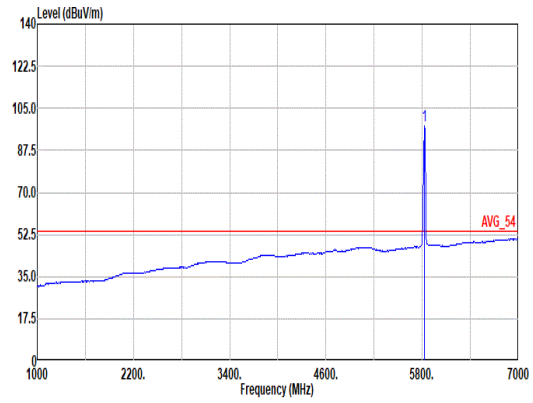
Mode	49	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 65.83 112.05 -46.22 49.63 34.21 11.91 29.92 0.00 100 113 Peak 2 5862.68 70.18 108.65 -38.47 53.96 34.23 11.91 29.92 0.00 100 113 Peak 3 5924.98 58.39 68.22 -9.83 42.08 34.30 11.97 29.96 0.00 100 113 Peak 4 5925.68 57.83 68.20 -10.37 41.52 34.30 11.97 29.96 0.00 100 113 Peak	Blank

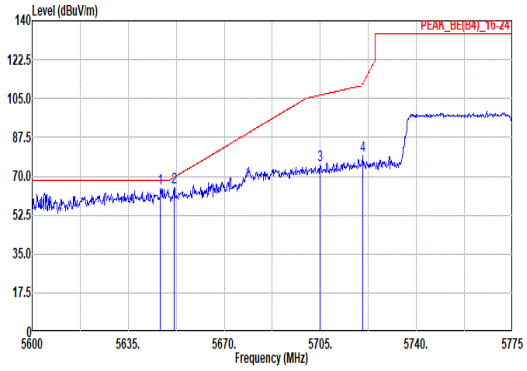
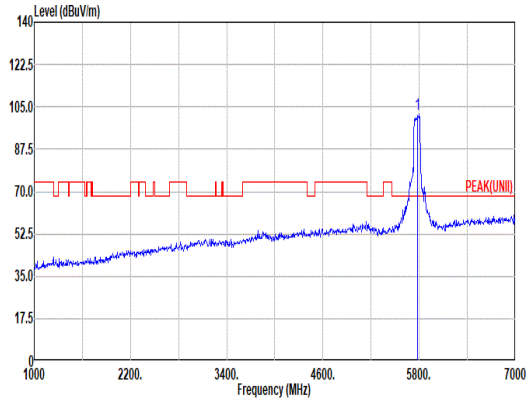
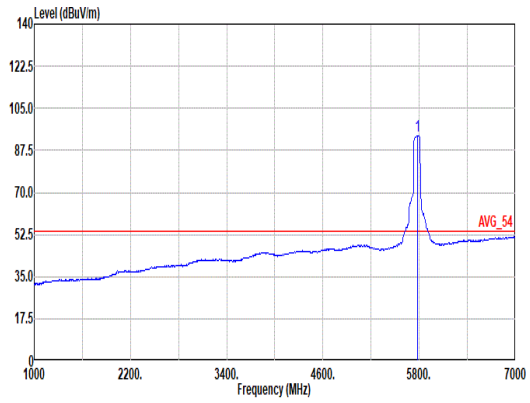
Mode	49	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5625.73 57.90 68.20 -10.30 42.90 33.10 11.68 29.78 0.00 200 65 Peak 2 5650.05 56.03 68.24 -12.21 40.93 33.20 11.70 29.80 0.00 200 65 Peak 3 5704.83 66.48 106.55 -40.07 50.93 33.62 11.76 29.83 0.00 200 65 Peak 4 5720.05 66.92 110.91 -43.99 51.30 33.68 11.78 29.84 0.00 200 65 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5775.00 95.46 ------ ------ 79.46 34.02 11.87 29.89 0.00 200 65 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3.600kHz 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 5775.00 88.02 ------ ------ 72.02 34.02 11.87 29.89 0.00 200 65 Average

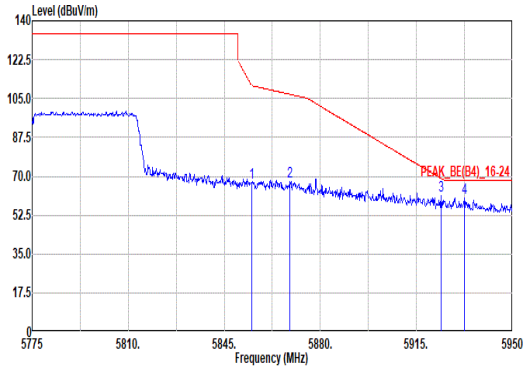
Mode	49	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.63 61.74 111.65 -49.91 45.54 34.21 11.91 29.92 0.00 200 65 Peak 2 5863.03 66.87 108.55 -41.68 50.65 34.23 11.91 29.92 0.00 200 65 Peak 3 5924.28 54.98 68.73 -13.75 38.67 34.30 11.97 29.96 0.00 200 65 Peak 4 5933.38 56.27 68.20 -11.93 39.96 34.30 11.97 29.96 0.00 200 65 Peak	Blank

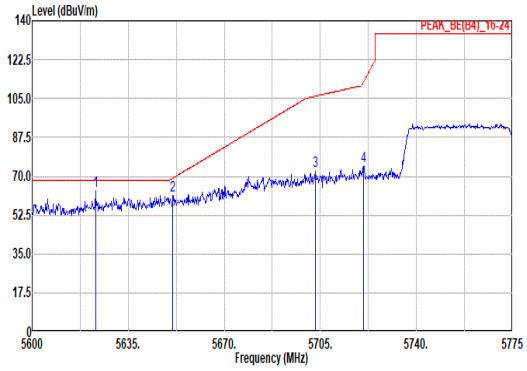
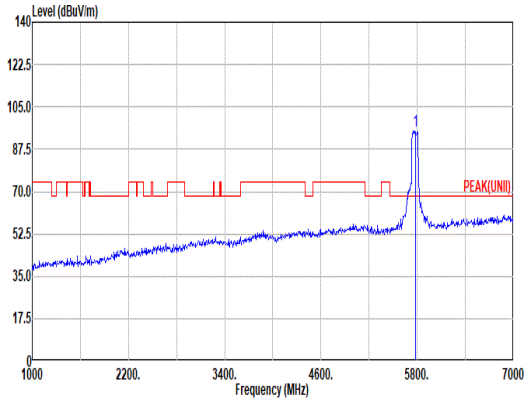
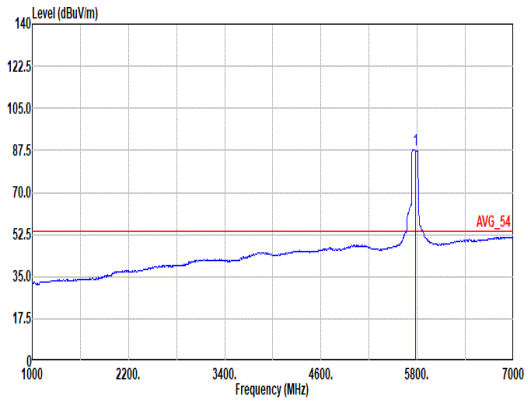
Mode	49	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11550.00 47.81 74.00 -26.19 57.30 38.88 16.79 65.75 0.59 -- -- Peak 2 17325.00 50.97 68.20 -17.23 54.66 38.75 21.13 64.19 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11550.00 47.75 74.00 -26.25 57.24 38.88 16.79 65.75 0.59 -- -- Peak 2 17325.00 52.04 68.20 -16.16 55.73 38.75 21.13 64.19 0.62 -- -- Peak

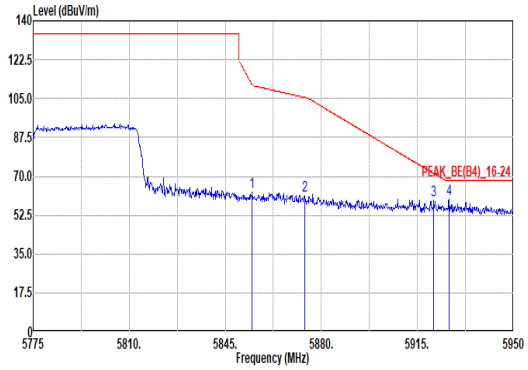
Mode	50	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial RU 106/54_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 61.10 110.80 -49.70 44.90 34.21 11.91 29.92 0.00 101 113 Peak 2 5869.88 58.59 106.63 -48.04 42.35 34.24 11.92 29.92 0.00 101 113 Peak 3 5924.75 54.19 68.38 -14.19 37.88 34.30 11.97 29.96 0.00 101 113 Peak 4 5939.50 56.82 68.20 -11.38 40.50 34.30 11.98 29.96 0.00 101 113 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5825.00 108.60 ------ ------ 92.49 34.12 11.89 29.90 0.00 101 113 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 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 5825.00 101.88 ------ ------ 85.77 34.12 11.89 29.90 0.00 101 113 Average

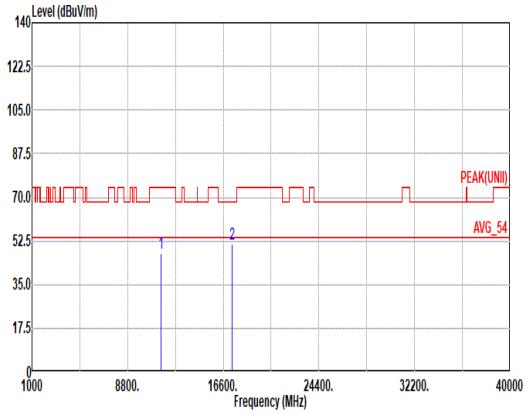
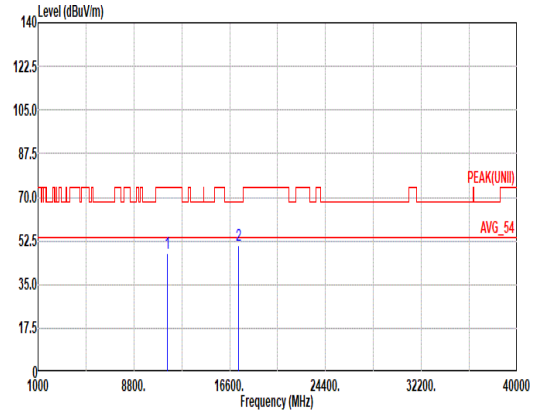
Mode	50	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial RU 106/54_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5853.63 59.70 113.93 -54.23 43.50 34.21 11.91 29.92 0.00 259 39 Peak 2 5868.13 58.00 107.12 -49.12 41.76 34.24 11.92 29.92 0.00 259 39 Peak 3 5925.00 55.16 68.20 -13.04 38.85 34.30 11.97 29.96 0.00 259 39 Peak 4 5931.00 56.11 68.20 -12.09 39.80 34.30 11.97 29.96 0.00 259 39 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5825.00 104.56 ------ ------ 88.45 34.12 11.89 29.90 0.00 259 39 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 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 5825.00 97.57 ------ ------ 81.46 34.12 11.89 29.90 0.00 259 39 Average

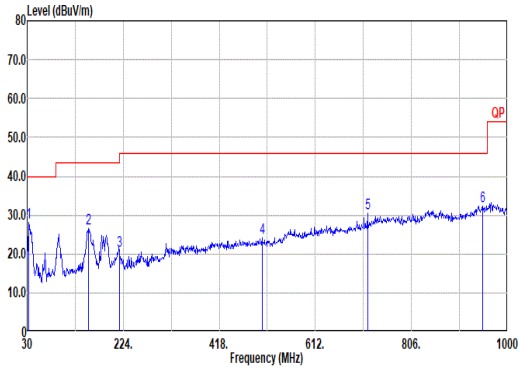
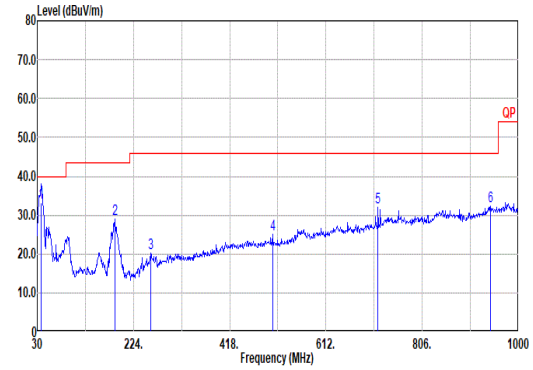
Mode	51	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5646.73 64.42 68.20 -3.78 49.33 33.19 11.70 29.80 0.00 100 118 Peak 2 5651.63 65.10 69.41 -4.31 49.99 33.21 11.70 29.80 0.00 100 118 Peak 3 5705.00 75.28 106.60 -31.32 59.73 33.62 11.76 29.83 0.00 100 118 Peak 4 5720.58 79.24 112.11 -32.87 63.62 33.68 11.78 29.84 0.00 100 118 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5775.00 101.84 ------ ------ 85.86 34.00 11.86 29.88 0.00 100 118 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 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 5775.00 93.36 ------ ------ 77.41 33.98 11.85 29.88 0.00 100 118 Average

Mode	51	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 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 5854.98 67.35 110.86 -43.51 51.15 34.21 11.91 29.92 0.00 100 118 Peak 2 5868.98 67.64 106.88 -39.24 51.40 34.24 11.92 29.92 0.00 100 118 Peak 3 5924.10 61.47 68.86 -7.39 45.16 34.30 11.97 29.96 0.00 100 118 Peak 4 5932.50 60.33 68.20 -7.87 44.02 34.30 11.97 29.96 0.00 100 118 Peak	Blank

Mode	51	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 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 5623.10 63.53 68.20 -4.67 48.55 33.09 11.67 29.78 0.00 200 96 Peak 2 5651.28 61.24 69.15 -7.91 46.13 33.21 11.70 29.80 0.00 200 96 Peak 3 5703.08 72.48 106.06 -33.58 56.94 33.61 11.76 29.83 0.00 200 96 Peak 4 5720.75 74.65 112.51 -37.86 59.03 33.68 11.78 29.84 0.00 200 96 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5775.00 95.09 ------ ------ 79.33 33.81 11.81 29.86 0.00 200 96 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 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 5775.00 87.95 ------ ------ 72.16 33.83 11.82 29.86 0.00 200 96 Average

Mode	51	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 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 5854.80 62.77 111.26 -48.49 46.57 34.21 11.91 29.92 0.00 200 96 Peak 2 5873.88 61.24 105.51 -44.27 45.00 34.25 11.92 29.93 0.00 200 96 Peak 3 5920.95 59.12 71.19 -12.07 42.81 34.30 11.96 29.95 0.00 200 96 Peak 4 5926.55 59.48 68.20 -8.72 43.17 34.30 11.97 29.96 0.00 200 96 Peak	Blank

Mode	51	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11550.00 47.66 74.00 -26.34 57.14 38.90 16.78 65.75 0.59 -- -- Peak 2 17325.00 51.35 68.20 -16.85 55.04 38.75 21.13 64.19 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11550.00 47.62 74.00 -26.38 57.10 38.90 16.78 65.75 0.59 -- -- Peak 2 17325.00 50.58 68.20 -17.62 54.27 38.75 21.13 64.19 0.62 -- -- Peak

Mode	52	
	LF	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH16-HY Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06_241005 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 32.91 28.22 40.00 -11.78 36.52 23.33 0.91 32.59 0.05 -- -- Peak 2 153.19 26.43 43.50 -17.07 39.77 17.11 1.93 32.47 0.09 -- -- Peak 3 216.24 20.93 46.00 -25.07 35.93 15.19 2.28 32.54 0.07 -- -- Peak 4 504.33 24.15 46.00 -21.85 29.57 23.84 3.48 32.89 0.15 -- -- Peak 5 717.73 30.48 46.00 -15.52 31.20 27.13 4.16 32.15 0.14 -- -- Peak 6 950.53 32.24 46.00 -13.76 27.92 30.99 4.81 31.74 0.26 -- -- Peak	 Site : 03CH16-HY Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06_241005 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 37.76 33.11 40.00 -6.89 43.76 20.89 0.95 32.55 0.06 100 62 QP 2 186.17 28.85 43.50 -14.65 43.87 15.10 2.12 32.32 0.08 -- -- Peak 3 258.92 20.10 46.00 -25.90 29.88 20.03 2.49 32.37 0.07 -- -- Peak 4 504.33 24.94 46.00 -21.06 30.36 23.84 3.48 32.89 0.15 -- -- Peak 5 716.76 32.06 46.00 -13.94 32.84 27.07 4.16 32.15 0.14 -- -- Peak 6 943.74 32.16 46.00 -13.84 28.09 30.85 4.79 31.82 0.25 -- -- Peak

C2-1. Radiated Spurious Emission Test Modes

<Sample 2>

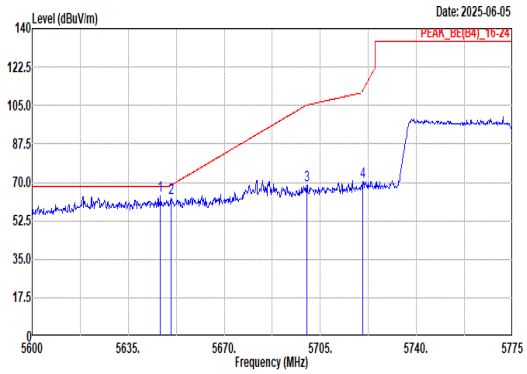
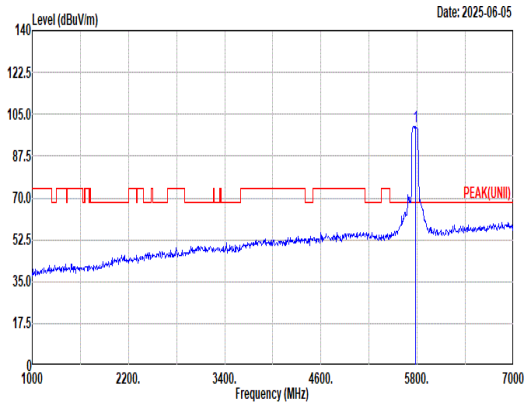
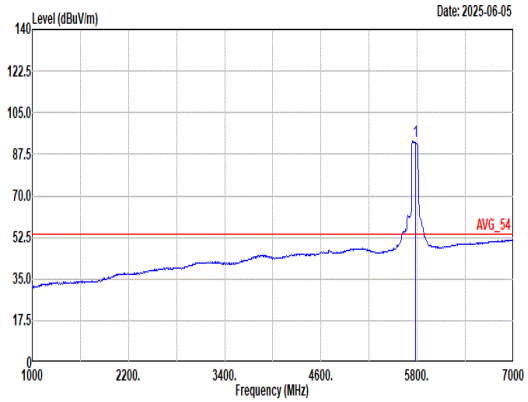
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 68	U-NII-3	5.725-5.85	1	802.11ac VHT80	155	5775	MCS0	-	-
Mode 69	U-NII-3	5.725-5.85	1	802.11ac VHT80	155	5775	MCS0	-	LF

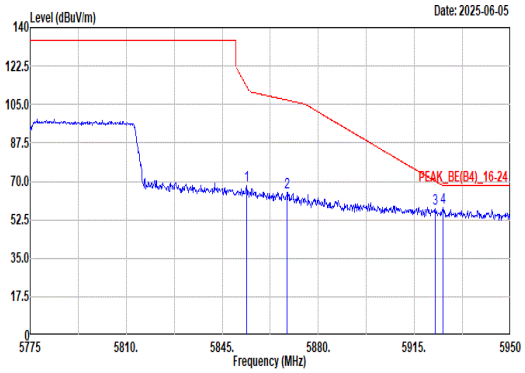
C2-2. Summary of each worse mode

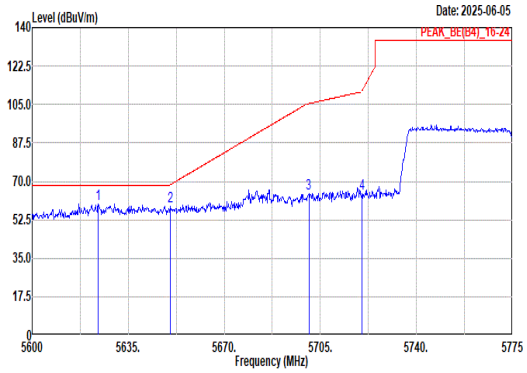
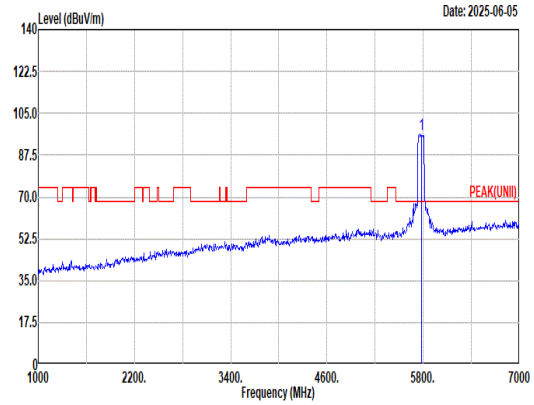
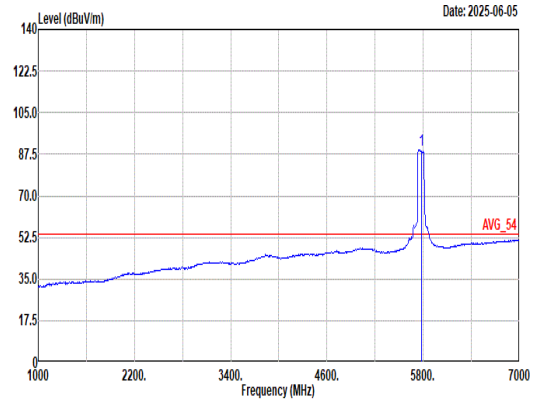
<Sample 2>

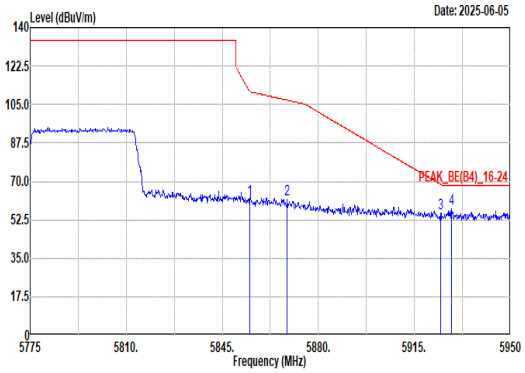
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
68	802.11ac VHT80	155	5646.73	63.96	68.20	-4.24	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	155	17325.00	52.18	68.20	-16.02	H	Peak	Pass	-	Harmonic
69	LF	155	211.39	36.88	43.50	-6.62	H	Peak	Pass	-	LF

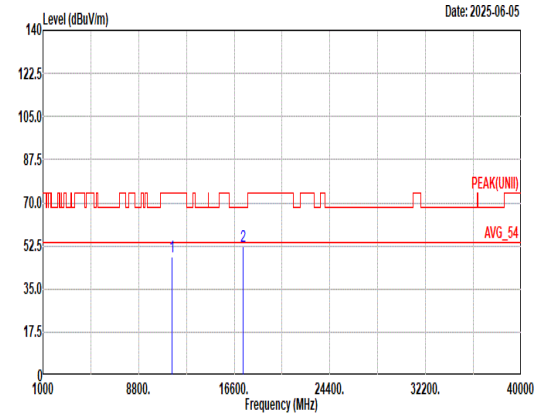
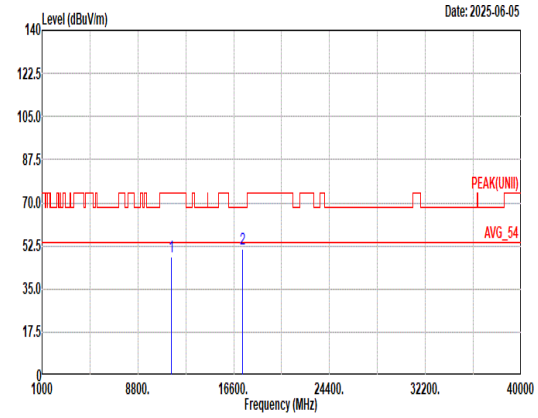
<Sample 2>

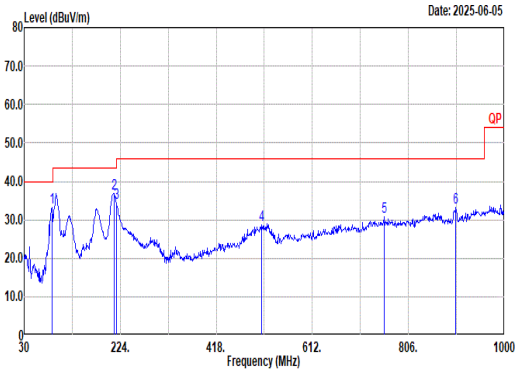
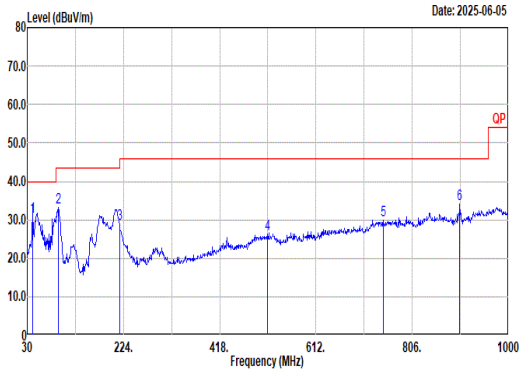
Mode	68	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5646.73 63.96 68.20 -4.24 48.87 33.19 11.70 29.80 0.00 100 69 Peak 2 5650.58 62.77 68.63 -5.86 47.67 33.20 11.70 29.80 0.00 100 69 Peak 3 5700.10 68.89 105.23 -36.34 53.36 33.60 11.76 29.83 0.00 100 69 Peak 4 5720.58 70.43 112.11 -41.68 54.81 33.68 11.78 29.84 0.00 100 69 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5775.00 99.78 ------ ------ 84.05 33.78 11.80 29.85 0.00 100 69 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 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 5775.00 92.96 ------ ------ 77.25 33.76 11.80 29.85 0.00 100 69 Average

Mode	68	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 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 5853.75 67.93 113.65 -45.72 51.73 34.21 11.91 29.92 0.00 100 69 Peak 2 5868.63 65.04 106.98 -41.94 48.80 34.24 11.92 29.92 0.00 100 69 Peak 3 5922.70 57.47 69.90 -12.43 41.17 34.30 11.96 29.96 0.00 100 69 Peak 4 5925.50 57.94 68.20 -10.26 41.63 34.30 11.97 29.96 0.00 100 69 Peak	Blank

Mode	68	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 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 5623.98 59.86 68.20 -8.34 44.86 33.10 11.68 29.78 0.00 300 56 Peak 2 5650.40 58.79 68.50 -9.71 43.69 33.20 11.70 29.80 0.00 300 56 Peak 3 5700.80 64.30 105.42 -41.12 48.77 33.60 11.76 29.83 0.00 300 56 Peak 4 5720.05 64.36 110.91 -46.55 48.74 33.68 11.78 29.84 0.00 300 56 Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 5775.00 96.39 ------ ------ 80.66 33.78 11.80 29.85 0.00 300 56 Peak
Avg	Blank	 Site : 03CH16-HY Condition: AVG_54 3m 9120D-1522_250327 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 5775.00 89.32 ------ ------ 73.61 33.76 11.80 29.85 0.00 300 56 Average

Mode	68	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-1522_250327 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 5854.98 61.58 110.86 -49.28 45.38 34.21 11.91 29.92 0.00 300 56 Peak 2 5868.63 61.67 106.98 -45.31 45.43 34.24 11.92 29.92 0.00 300 56 Peak 3 5924.45 55.68 68.61 -12.93 39.37 34.30 11.97 29.96 0.00 300 56 Peak 4 5928.65 57.59 68.20 -10.61 41.28 34.30 11.97 29.96 0.00 300 56 Peak	Blank

Mode	68	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11550.00 47.86 74.00 -26.14 57.27 38.97 16.77 65.74 0.59 -- -- Peak 2 17325.00 52.18 68.20 -16.02 55.37 38.98 21.22 64.01 0.62 -- -- Peak	 Site : 03CH16-HY Condition: PEAK(UNII) 3m 9120D-1522_250327 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 11550.00 47.89 74.00 -26.11 57.33 38.93 16.78 65.74 0.59 -- -- Peak 2 17325.00 51.47 68.20 -16.73 55.27 38.71 21.11 64.24 0.62 -- -- Peak

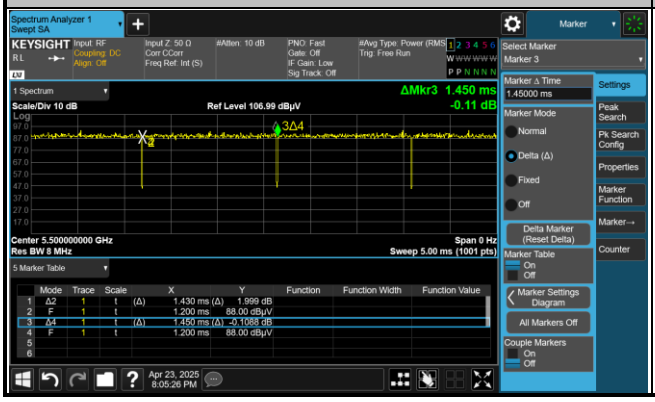
Mode	69	
	LF	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	1	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH16-HY Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06_241005 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 86.26 33.32 40.00 -6.68 49.97 14.41 1.46 32.59 0.07 -- -- Peak 2 211.39 36.88 43.50 -6.62 52.10 15.01 2.26 32.56 0.07 -- -- Peak 3 216.24 34.29 46.00 -11.71 49.29 15.19 2.28 32.54 0.07 -- -- Peak 4 509.18 28.66 46.00 -17.34 34.04 23.88 3.50 32.91 0.15 -- -- Peak 5 756.53 30.70 46.00 -15.30 29.98 28.38 4.28 32.09 0.15 -- -- Peak 6 902.03 33.10 46.00 -12.90 31.25 29.26 4.68 32.25 0.16 -- -- Peak	 Site : 03CH16-HY Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06_241005 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 40.67 30.72 40.00 -9.28 42.90 19.31 0.98 32.53 0.06 100 152 QP 2 92.08 33.30 43.50 -10.20 49.31 15.00 1.50 32.58 0.07 -- -- Peak 3 216.24 28.99 46.00 -17.01 43.99 15.19 2.28 32.54 0.07 -- -- Peak 4 515.00 26.34 46.00 -19.66 31.67 23.95 3.52 32.94 0.14 -- -- Peak 5 747.80 29.85 46.00 -16.15 29.15 28.39 4.25 32.08 0.14 -- -- Peak 6 902.03 34.01 46.00 -11.99 32.16 29.26 4.68 32.25 0.16 -- -- Peak

Appendix D. Duty Cycle Plots

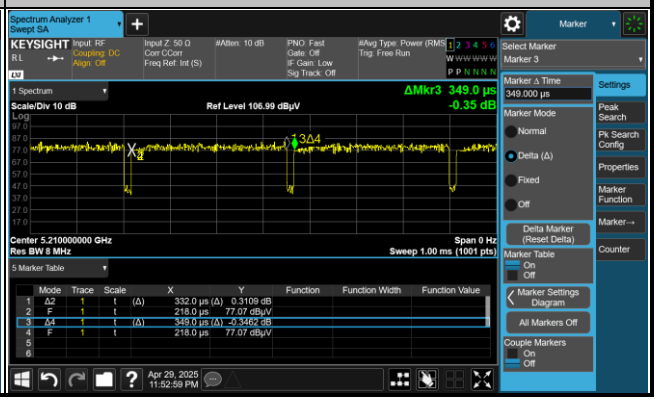
<Sample 1>

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
802.11a	98.62	-	-	10Hz
5GHz 802.11ac VHT80	95.13	332	3.01	3.3KHz
5GHz 802.11ax HE20 Full RU	98.58	-	-	10Hz
5GHz 802.11ax HE20 106 RU	95.44	1360	0.74	750Hz
5GHz 802.11ax HE40 Full RU	97.53	552	1.81	2KHz
5GHz 802.11ax HE80 Full RU	94.50	292	3.42	3.6KHz

802.11a

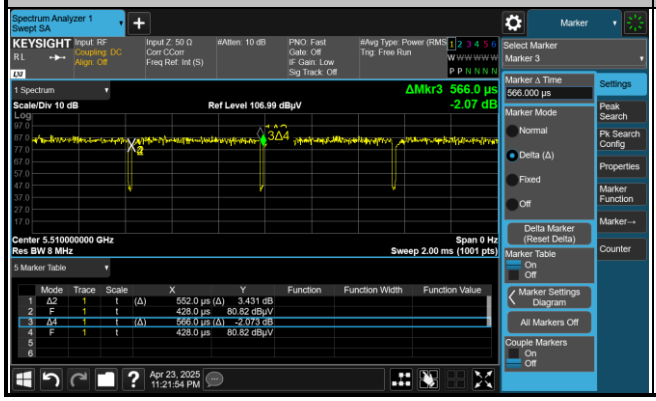
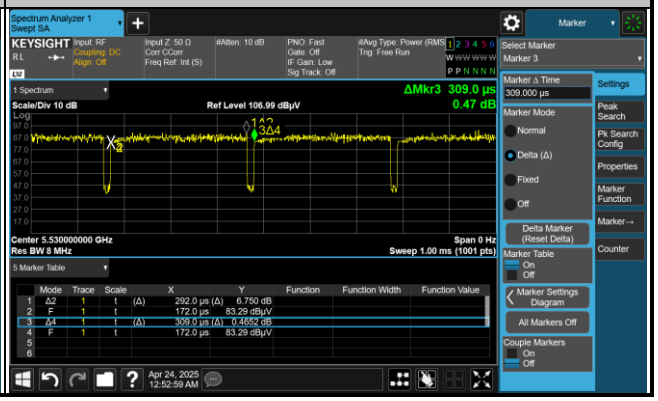


5GHz 802.11ac VHT80

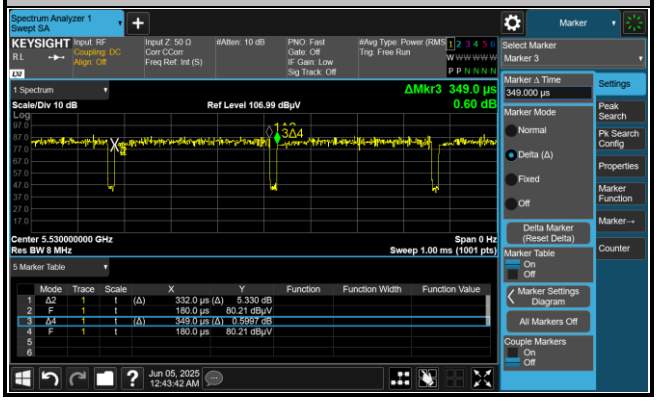


5GHz 802.11ax HE20 Full RU

5GHz 802.11ax HE20 106 RU

5GHz 802.11ax HE40 Full RU	5GHz 802.11ax HE80 Full RU
	

<Sample 2>

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
5GHz 802.11ac VHT80	95.13	332	3.01	3.3KHz

5GHz 802.11ac VHT80