FCC/ISED RADIO TEST REPORT

FCC ID	:	AZ499FT7192
IC	:	109U-99FT7192
Equipment	:	C5
Brand Name	:	Motorola
Model Name	:	C5
Model Number	:	HK2227A
HVIN	:	HK2227A
PMN	:	C5
Applicant	:	Motorola Solutions, Inc. Plot 2A, Medan Bayan Lepas, Mukim 12, S.W.D, 11900 Bayan Lepas, Penang, Malaysia
Manufacturer	:	Motorola Solutions Malaysia Sdn. Bhd. Plot 2A, Medan Bayan Lepas, Mukim 12, S.W.D, 11900 Bayan Lepas, Penang, Malaysia
Standard	:	FCC Part 15 Subpart E §15.407 ISED RSS-247 Issue 4

The product was received on Apr. 27, 2026 and testing was performed from May 07, 2026 to Jun. 09, 2026. We, Sporton International Inc. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FR640815E	01	Initial issue of report	Jul. 31, 2026
FR640815E	02	Revise Testing Location This report is an updated version, replacing the report issued on Jul. 31, 2026.	Sep. 03, 2026

Summary of Test Result

Report Clause	FCC Ref Std. Clause	ISED Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	15.403	26dB Bandwidth	Pass	-
3.1	2.1049	15.403	99% Occupied Bandwidth	Pass	-
3.1	-	15.403	Emission Designator	Report only	802.11a:17M9D1D 802.11n HT20:18M7D1D 802.11ac VHT20:18M7D1D 802.11ax HE20: 19M3D1D
3.2	15.407(a)	2.1049	Maximum Conducted Output Power	Pass	802.11a:15.3dBm(0.034W) 802.11n HT20:15.3dBm(0.034W) 802.11ac VHT20:15.2dBm(0.033W) 802.11ax HE20: 15.7dBm(0.037W)
3.3	15.407(a)	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	15.407(a)	Unwanted Emissions	Pass	8.33 dB under the limit at 5350.38 MHz
3.5	15.207	15.407(b)	AC Conducted Emission	Pass	13.56 dB under the limit at 0.16 MHz
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: Freda Wu

1. General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	C5
Brand Name	Motorola
Model Name	C5
FCC Model Number	HK2227A
IC Model Number	HK2227A
HVIN	HK2227A
PMN	C5
FVIN	F.02.02.01.20260415.02
FCC ID	AZ499FT7192
IC	109U-99FT7192
EUT supports Radios application	WLAN 11a/b/g/n HT20 WLAN 11ac VHT20 WLAN 11ax HE20 Bluetooth BR/EDR/LE
HW Version	P2
SW Version	F.02.02.01.20260415.02

Remark: The above EUT's information was declared by manufacturer.

EUT Information List	
S/N	**Performed Test Item**
64222CG2342 64222CG2035 64222CG1609	Radiated Emission
64222CG1262 64222CG2052 64222CG2257 64222CG2308 64222CG2012 64222CG2239 64222CG2333 64222CG1929 64222CG2314 64222CG2420 64222CG2177 64222CG2332	Conducted Emission
64222CG1111	RF Conducted Measurement

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5150 MHz ~ 5250 MHz 5250 MHz ~ 5350 MHz 5470 MHz ~ 5725 MHz
Antenna Type / Gain	**<5150 MHz ~ 5250 MHz >** PIFA Antenna with gain 2.0 dBi **<5250 MHz ~ 5350 MHz >** PIFA Antenna with gain 1.6 dBi **<5470 MHz ~ 5725 MHz>** PIFA Antenna with gain 1.56 dBi
Type of Modulation	802.11a/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax: OFDMA (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM)

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

The test location is accredited based on TAF code 1190 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

FCC designation No.: TW1190

ISED CABID: TW1190

ISED Company Number: 4086B

Note:

1. The test site complies with ANSI C63.4 2014 requirement.
2. The RF Conducted Measurement test items subcontracted to Sporton International Inc. Wensan Laboratory.

1.5 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

<For FCC>

- FCC Part 15 Subpart E
- ANSI C63.10-2020 + Cor.1-2023

<For ISED>

- ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
- ISED RSS-247 Issue 4
- ISED RSS-Gen Issue 5

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 accessory (Adapter /Earphone/Badge clip), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	40	5200	48	5240

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	56	5280	64	5320

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	116	5580
	104	5520	132	5660
	108	5540	136	5680
	112	5560	140	5700

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	120	5600	128	5640
	124	5620		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	144	5720		

2.2 Test Mode

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

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2018.

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

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

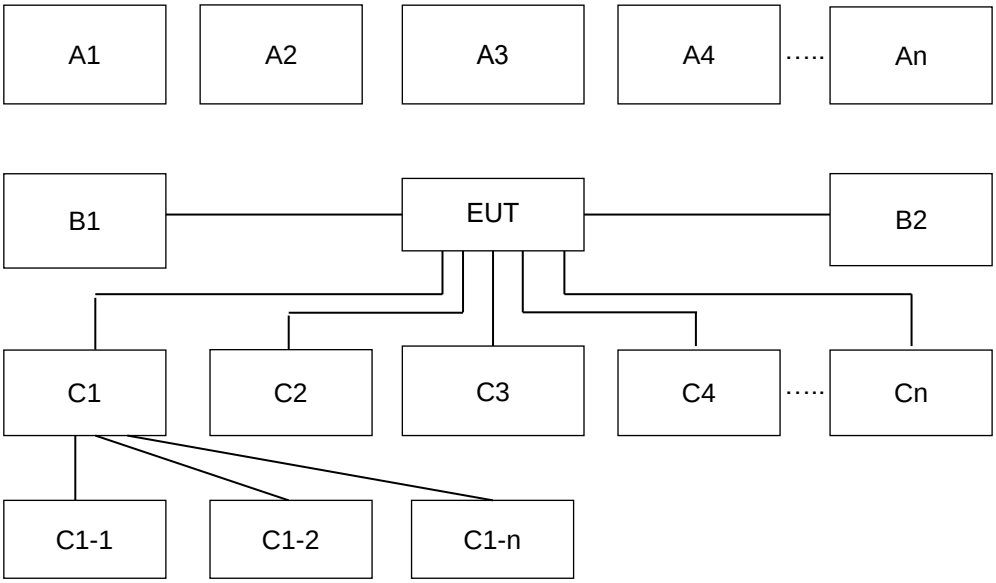
Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ax HE20	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : Charging from MUC-B PSU + WLAN (5G) Link

Remark:
1. The detailed Radiated test modes are shown in Appendix C.
2. 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

<AC Conducted Emission Mode>



Conduction Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	-	-	-	-	-	-
A1	AP router	WiFi	X	-	-	-	-	-	-
A2	Notebook	WiFi	X	-	-	-	-	-	-
No.	**Power Source**	**Connection Type**	**1**	**-**	**-**	**-**	**-**	**-**	**-**
B1	AC : 120V/60Hz	AC Power Cable	X	-	-	-	-	-	-
No.	**Setup Peripherals**	**Connection Type**	**1**	**-**	**-**	**-**	**-**	**-**	**-**
C1	MUC-B	Pogo pin	X	-	-	-	-	-	-

<WLAN Tx Mode>

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-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	MUC-A	N/A	CR10	N/A	N/A	N/A
4.	PSU-A	ADAPTER TECH.	ATS050-P050	N/A	N/A	N/A
5.	MUC-A Power cord	Digikey	412012-01	N/A	N/A	N/A
6.	MUC-B	Motorola	PMPN4705A	N/A	N/A	N/A
7.	MUC-B PSU	Motorola	PS000674A01	N/A	N/A	N/A
8.	MUC-B Power cord	Motorola	3004209T04	N/A	N/A	N/A
9.	Embedded Battery	Motorola	PMNN4912A	N/A	N/A	N/A
10.	Wired earpiece	Motorola	PMLN8928A	N/A	N/A	N/A
11.	Badge Clip	Motorola	PMLN8929A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “Tera Term V4.95” 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 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

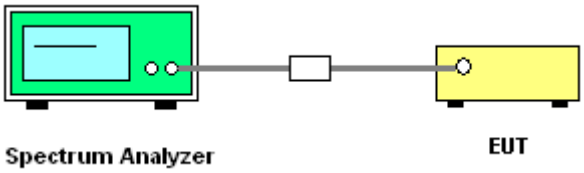
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC Part 15 Subpart E §15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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For the 5.15–5.25 GHz bands:

□ For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log10B, dBm, whichever is less stringent. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

■ For other devices, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10 B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.

For the 5.25–5.35 GHz bands:

□ For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log10B, dBm, whichever is less. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

■ For other devices, the maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band;

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz.

For the 5.47–5.6 GHz and 5.65–5.725 GHz bands:

■ The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10 B, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz.

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

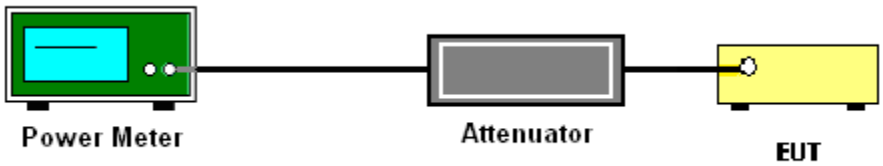
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC Part 15 Subpart E §15.407>

For the 5.15–5.25 GHz bands:

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

For the 5.25–5.725 GHz bands:

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

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For the 5.15–5.25 GHz bands:

The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

For the 5.25–5.35 GHz bands:

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

For the 5.47–5.6 GHz and 5.65~5.725 GHz bands:

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

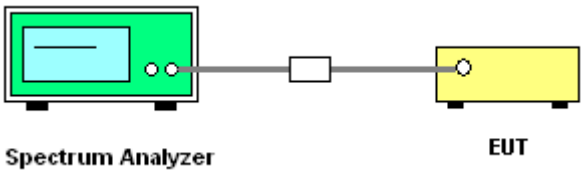
 # Method SA-2 #

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

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

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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

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

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

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

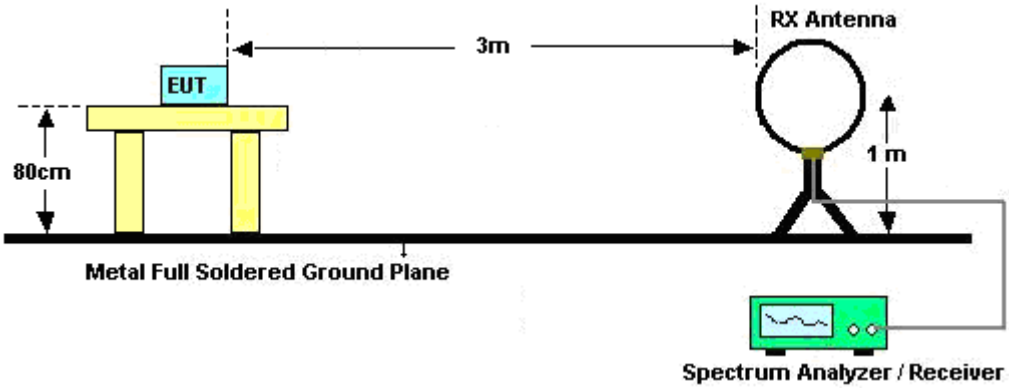
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

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

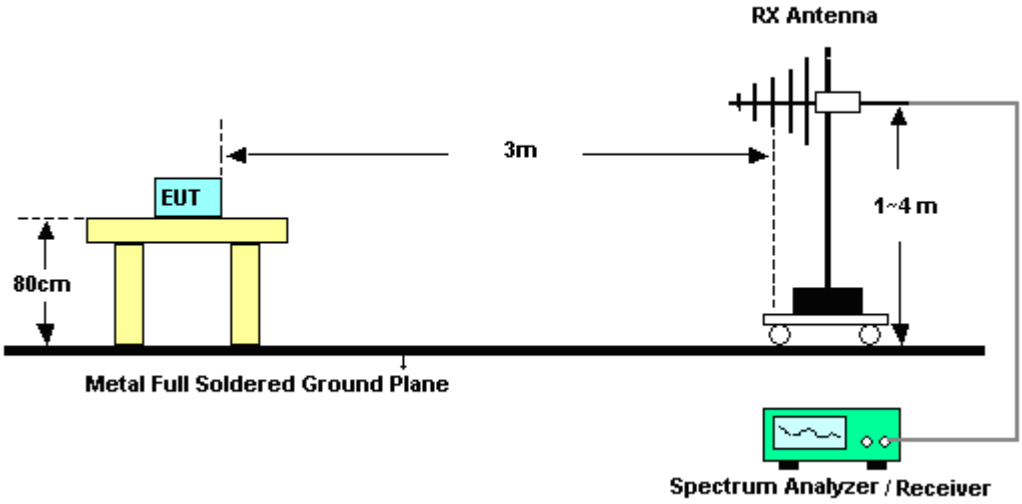
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna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

3.4.4 Test Setup

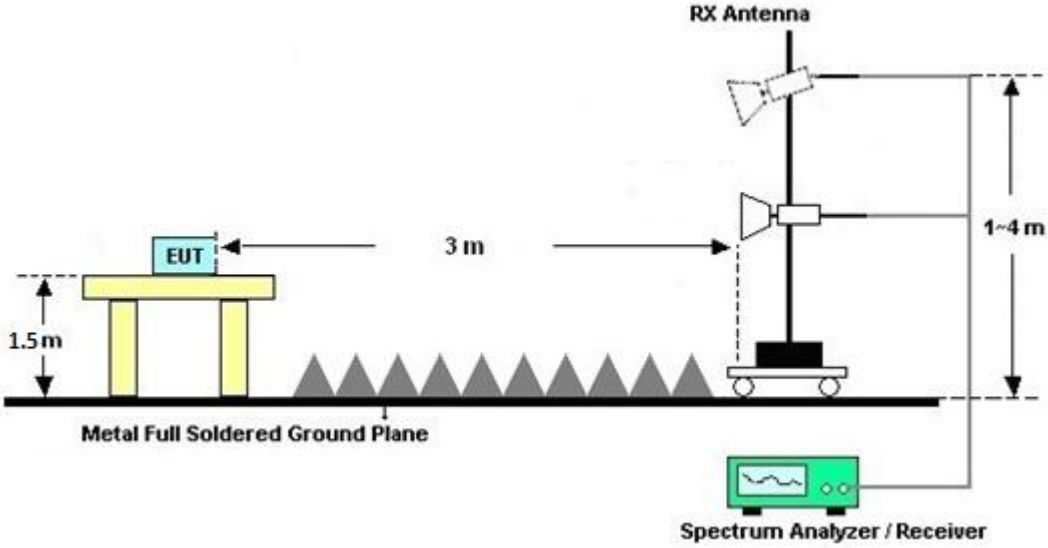
For radiated emissions below 30MHz



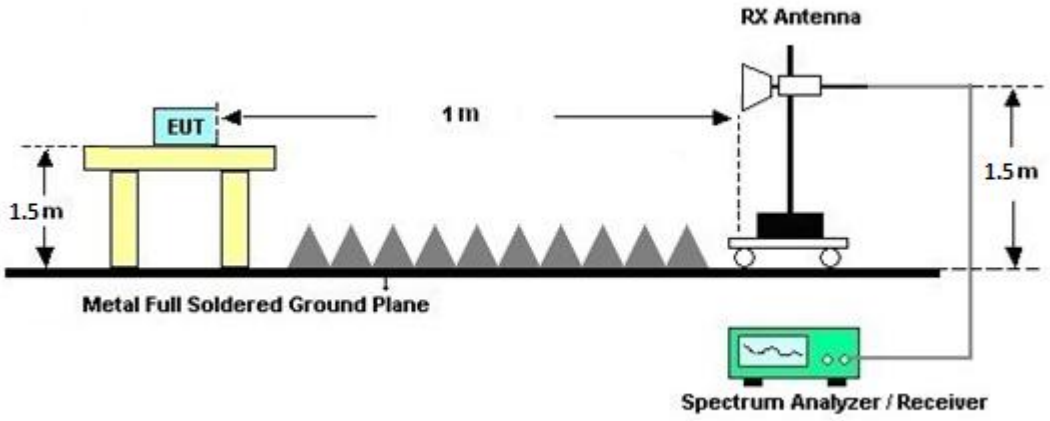
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

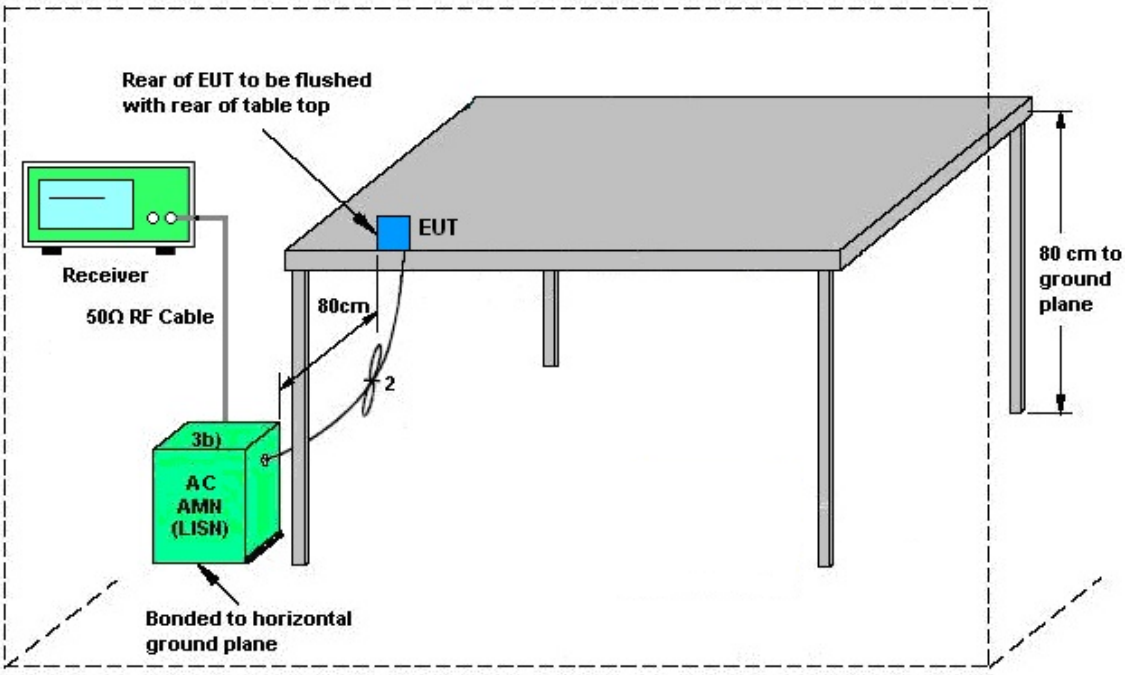
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Mar. 21, 2026	May 15, 2026~ Jun. 09, 2026	Mar. 20, 2027	Radiation (03CH07-HY)
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Dec. 09, 2025	May 15, 2026~ Jun. 09, 2026	Dec. 08, 2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	May 15, 2026~ Jun. 09, 2026	Mar. 15, 2027	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 17, 2026	May 15, 2026~ Jun. 09, 2026	Apr. 16, 2027	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Sep. 30, 2025	May 15, 2026~ Jun. 09, 2026	Sep. 29, 2026	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 21, 2026	May 15, 2026~ Jun. 09, 2026	Mar. 20, 2027	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 08, 2025	May 15, 2026~ Jun. 09, 2026	Aug. 07, 2026	Radiation (03CH07-HY)
Signal Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Apr. 09, 2026	May 15, 2026~ Jun. 09, 2026	Apr. 08, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 19, 2026	May 15, 2026~ Jun. 09, 2026	Feb. 18, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 19, 2026	May 15, 2026~ Jun. 09, 2026	Feb. 18, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13, 2025	May 15, 2026~ Jun. 09, 2026	Sep. 12, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 19, 2026	May 15, 2026~ Jun. 09, 2026	Feb. 18, 2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2026	May 15, 2026~ Jun. 09, 2026	Apr. 21, 2027	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	May 15, 2026~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	May 15, 2026~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	May 15, 2026~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	May 15, 2026~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Software	Audix	E3	RK-002396	N/A	N/A	May 15, 2026~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 02, 2026	May 15, 2026~ Jun. 09, 2026	Mar. 01, 2027	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 09, 2025	May 15, 2026~ Jun. 09, 2026	Dec. 08, 2026	Radiation (03CH07-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 15, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	May 15, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 26, 2025	May 15, 2026	Jun. 25, 2026	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV 216 +EMCI-EXP-U S-US S	100080+N-02 1	N/A	Apr. 22, 2026	May 15, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	May 15, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	00691	N/A	Jul. 29, 2025	May 15, 2026	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT2408250 1	N/A	Oct. 14, 2025	May 15, 2026	Oct. 13, 2026	Conduction (CO05-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	May 07, 2026~ Jun. 09, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	May 07, 2026~ Jun. 09, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	May 07, 2026~ Jun. 09, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	May 07, 2026~ Jun. 09, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_240513	N/A	Conducted Other Test Item	N/A	May 07, 2026~ Jun. 09, 2026	N/A	Conducted (TH05-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))	6.3 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.7 dB

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

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

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

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

Uncertainty of 26dB Bandwidth Measurement

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	0.0050 MHz

Uncertainty of 99% Occupied Bandwidth Measurement

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	0.0050 MHz

Uncertainty of Maximum Conducted Output Power Measurement

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	0.84 dB

Uncertainty of Power Spectral Density Measurement

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.50 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu	Temperature:	21~25	°C
Test Date:	2026/05/07~06/09	Relative Humidity:	51~54	%

Report Number : FR640815E

<FCC>

TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	15.30	-	-	24.00	-	2.00	-	-	Pass
11a	6Mbps	1	44	5220	15.10	-		24.00	-	2.00	-		Pass
11a	6Mbps	1	48	5240	15.10	-		24.00	-	2.00	-		Pass
HT20	MCS0	1	36	5180	15.30	-		24.00	-	2.00	-		Pass
HT20	MCS0	1	44	5220	15.20	-		24.00	-	2.00	-		Pass
HT20	MCS0	1	48	5240	15.30	-		24.00	-	2.00	-		Pass
VHT20	MCS0	1	36	5180	15.20	-		24.00	-	2.00	-		Pass
VHT20	MCS0	1	44	5220	15.10	-		24.00	-	2.00	-		Pass
VHT20	MCS0	1	48	5240	15.20	-		24.00	-	2.00	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	17.85	-	22.02	-	-		22.52	-	-	
11a	6Mbps	1	44	5220	17.66	-	22.02	-	-		22.47	-		
11a	6Mbps	1	48	5240	17.74	-	22.10	-	-		22.49	-		
HT20	MCS0	1	36	5180	18.63	-	22.50	-	-		22.70	-		
HT20	MCS0	1	44	5220	18.57	-	22.27	-	-		22.69	-		
HT20	MCS0	1	48	5240	18.61	-	22.32	-	-		22.70	-		

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TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.06	-	5.04	-	-	11.00	-	2.00	-	-	Pass
11a	6Mbps	1	44	5220	0.06	-	4.89	-		11.00	-	2.00	-		Pass
11a	6Mbps	1	48	5240	0.06	-	4.96	-		11.00	-	2.00	-		Pass
HT20	MCS0	1	36	5180	0.06	-	4.80	-		11.00	-	2.00	-		Pass
HT20	MCS0	1	44	5220	0.06	-	4.59	-		11.00	-	2.00	-		Pass
HT20	MCS0	1	48	5240	0.06	-	4.57	-		11.00	-	2.00	-		Pass

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TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	15.10	-	-	23.98	-	1.60	-	30	Pass
11a	6Mbps	1	60	5300	15.10	-		23.98	-	1.60	-	30	Pass
11a	6Mbps	1	64	5320	15.10	-		23.98	-	1.60	-	30	Pass
HT20	MCS0	1	52	5260	15.30	-		23.98	-	1.60	-	30	Pass
HT20	MCS0	1	60	5300	15.30	-		23.98	-	1.60	-	30	Pass
HT20	MCS0	1	64	5320	15.10	-		23.98	-	1.60	-	30	Pass
VHT20	MCS0	1	52	5260	15.20	-		23.98	-	1.60	-	30	Pass
VHT20	MCS0	1	60	5300	15.20	-		23.98	-	1.60	-	30	Pass
VHT20	MCS0	1	64	5320	15.00	-		23.98	-	1.60	-	30	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.71	-	21.94	-	23.48	-	29.48	-	23.98	-	-
11a	6Mbps	1	60	5300	17.67	-	22.01	-	23.47	-	29.47	-	23.98	-	
11a	6Mbps	1	64	5320	17.66	-	21.95	-	23.47	-	29.47	-	23.98	-	
HT20	MCS0	1	52	5260	18.55	-	22.14	-	23.68	-	29.68	-	23.98	-	
HT20	MCS0	1	60	5300	18.58	-	22.22	-	23.69	-	29.69	-	23.98	-	
HT20	MCS0	1	64	5320	18.57	-	22.17	-	23.69	-	29.69	-	23.98	-	

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TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.06	-	5.09	-	-	11.00	-	1.60	-	-	Pass
11a	6Mbps	1	60	5300	0.06	-	5.09	-		11.00	-	1.60	-		Pass
11a	6Mbps	1	64	5320	0.06	-	5.15	-		11.00	-	1.60	-		Pass
HT20	MCS0	1	52	5260	0.06	-	4.76	-		11.00	-	1.60	-		Pass
HT20	MCS0	1	60	5300	0.06	-	4.77	-		11.00	-	1.60	-		Pass
HT20	MCS0	1	64	5320	0.06	-	4.86	-		11.00	-	1.60	-		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	14.50	-	-	23.98	-	1.56	-	30	Pass
11a	6Mbps	1	116	5580	15.10	-		23.98	-	1.56	-	30	Pass
11a	6Mbps	1	140	5700	14.70	-		23.98	-	1.56	-	30	Pass
HT20	MCS0	1	100	5500	15.30	-		23.98	-	1.56	-	30	Pass
HT20	MCS0	1	116	5580	15.00	-		23.98	-	1.56	-	30	Pass
HT20	MCS0	1	140	5700	14.80	-		23.98	-	1.56	-	30	Pass
VHT20	MCS0	1	100	5500	15.20	-		23.98	-	1.56	-	30	Pass
VHT20	MCS0	1	116	5580	14.90	-		23.98	-	1.56	-	30	Pass
VHT20	MCS0	1	140	5700	14.70	-		23.98	-	1.56	-	30	Pass

FCC U-NII-2C straddle channel single antenna													
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	14.60	-	-	23.98	-	1.56	-	30	Pass
HT20	MCS0	1	144	5720	14.60	-		23.98	-	1.56	-	30	Pass
VHT20	MCS0	1	144	5720	14.50	-		23.98	-	1.56	-	30	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.62	-	21.83	-	23.46	-	29.46	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.68	-	21.81	-	23.47	-	29.47	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.62	-	21.84	-	23.46	-	29.46	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.57	-	22.06	-	23.69	-	29.69	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.70	-	22.05	-	23.72	-	29.72	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.54	-	22.27	-	23.68	-	29.68	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.91	-	15.98	-	23.47	-	29.47	-	23.98	-	2.505	-
HT20	MCS0	1	144	5720	14.36	-	16.14	-	23.69	-	29.69	-	23.98	-	2.525	-
6dB Bandwidth Limit ≧ 500kHz															Pass	

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TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.06	-	4.50	-	-	11.00	-	1.56	-	-	Pass
11a	6Mbps	1	116	5580	0.06	-	5.11	-		11.00	-	1.56	-		Pass
11a	6Mbps	1	140	5700	0.06	-	4.76	-		11.00	-	1.56	-		Pass
HT20	MCS0	1	100	5500	0.06	-	5.18	-		11.00	-	1.56	-		Pass
HT20	MCS0	1	116	5580	0.06	-	4.82	-		11.00	-	1.56	-		Pass
HT20	MCS0	1	140	5700	0.06	-	4.41	-		11.00	-	1.56	-		Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	0.06	-	4.39	-	-	11.00	-	1.56	-	-	Pass
HT20	MCS0	1	144	5720	0.06	-	4.02	-		11.00	-	1.56	-		Pass

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TEST RESULTS DATA
Average Power Table

FCC U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	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	36	5180	Full	15.70	-	-	24.00	-	2.00	-	-	Pass
HE20	MCS0	1	36	5180	26/0	8.20	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	52/37	10.60	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	106/53	13.90	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	Full	15.30	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	26/4	8.30	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	52/38	10.90	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	106/53	13.60	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	Full	15.60	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	26/8	8.10	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	52/40	10.40	-		24.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	106/54	13.60	-		24.00	-	2.00	-		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	19.31	-	22.01	-	-		22.86	-	-	-
HE20	MCS0	1	44	5220	Full	19.32	-	22.06	-	-		22.86	-		
HE20	MCS0	1	48	5240	Full	19.33	-	22.05	-	-		22.86	-		

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1 single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	0.07	-	4.81	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	26/0	0.14	-	4.79	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	52/37	0.13	-	4.77	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	36	5180	106/53	0.13	-	4.80	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	Full	0.07	-	4.45	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	26/4	0.14	-	4.06	-	-	11.00	-	2.00	-	-	Pass
HE20	MCS0	1	44	5220	52/38	0.13	-	4.04	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	44	5220	106/53	0.13	-	4.07	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	Full	0.07	-	4.56	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	26/8	0.14	-	4.47	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	52/40	0.13	-	4.40	-		11.00	-	2.00	-		Pass
HE20	MCS0	1	48	5240	106/54	0.13	-	4.54	-		11.00	-	2.00	-		Pass

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TEST RESULTS DATA
Average Power Table

FCC U-NII-2A single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	15.50	-	-	23.98	-	1.60	-	30	Pass
HE20	MCS0	1	52	5260	26/0	7.90	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	52	5260	52/37	10.20	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	52	5260	106/53	13.20	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	60	5300	Full	15.70	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	60	5300	26/4	8.30	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	60	5300	52/38	10.50	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	60	5300	106/53	12.90	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	64	5320	Full	15.50	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	64	5320	26/8	7.00	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	64	5320	52/40	10.20	-		23.98	-	1.60	-	30	Pass
HE20	MCS0	1	64	5320	106/54	13.00	-		23.98	-	1.60	-	30	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	19.29	-	22.11	-	23.85	-	29.85	-	23.98	-	
HE20	MCS0	1	60	5300	Full	19.28	-	22.06	-	23.85	-	29.85	-	23.98	-	
HE20	MCS0	1	64	5320	Full	19.29	-	22.05	-	23.85	-	29.85	-	23.98	-	

TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	0.07	-	4.48	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	52	5260	26/0	0.14	-	4.40	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	52	5260	52/37	0.13	-	4.45	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	52	5260	106/53	0.13	-	4.33	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	60	5300	Full	0.07	-	4.46	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	60	5300	26/4	0.14	-	4.30	-	-	11.00	-	1.60	-	-	Pass
HE20	MCS0	1	60	5300	52/38	0.13	-	4.40	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	60	5300	106/53	0.13	-	4.24	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	Full	0.07	-	4.62	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	26/8	0.14	-	4.30	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	52/40	0.13	-	4.43	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	106/54	0.13	-	4.37	-		11.00	-	1.60	-		Pass

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	14.80	-	-	23.98	-	1.56	-	30	Pass
HE20	MCS0	1	100	5500	26/0	7.00	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	100	5500	52/37	9.40	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	100	5500	106/53	12.70	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	116	5580	Full	15.30	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	116	5580	26/4	8.80	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	116	5580	52/38	10.50	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	116	5580	106/53	12.80	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	140	5700	Full	15.00	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	140	5700	26/8	7.00	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	140	5700	52/40	9.50	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	140	5700	106/54	12.50	-		23.98	-	1.56	-	30	Pass

FCC U-NII-2C straddle channel single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	15.00	-	-	23.98	-	1.56	-	30	Pass
HE20	MCS0	1	144	5720	26/8	6.60	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	144	5720	52/40	9.50	-		23.98	-	1.56	-	30	Pass
HE20	MCS0	1	144	5720	106/54	12.10	-		23.98	-	1.56	-	30	Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	19.25	-	21.94	-	23.84	-	29.84	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	19.26	-	21.96	-	23.85	-	29.85	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	19.28	-	21.69	-	23.85	-	29.85	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	14.69	-	16.02	-	23.85	-	29.85	-	23.98	-	4.055	-
6dB Bandwidth Limit ≧ 500kHz																Pass	

TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	0.07	-	3.86	-	-	11.00	-	1.56	-	-	Pass
HE20	MCS0	1	100	5500	26/0	0.14	-	3.81	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	100	5500	52/37	0.13	-	3.65	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	100	5500	106/53	0.13	-	3.74	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	Full	0.07	-	4.55	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	26/4	0.14	-	4.51	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	52/38	0.13	-	4.49	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	106/53	0.13	-	4.23	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	Full	0.07	-	4.10	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	26/8	0.14	-	4.00	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	52/40	0.13	-	3.78	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	106/54	0.13	-	4.05	-		11.00	-	1.56	-		Pass

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	0.07	-	3.79	-	-	11.00	-	1.56	-	-	Pass
HE20	MCS0	1	144	5720	26/8	0.14	-	3.73	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	144	5720	52/40	0.13	-	3.69	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	144	5720	106/54	0.13	-	3.55	-		11.00	-	1.56	-		Pass

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<ISED>

TEST RESULTS DATA
Average Power Table

IC U-NII-1 single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
11a	6Mbps	1	36	5180	15.30	-		20.52	-	2.00	-	22.52	-	Pass	15	-
11a	6Mbps	1	44	5220	15.10	-		20.47	-	2.00	-	22.47	-	Pass	15	-
11a	6Mbps	1	48	5240	15.10	-		20.49	-	2.00	-	22.49	-	Pass	15	-
HT20	MCS0	1	36	5180	15.30	-		20.70	-	2.00	-	22.70	-	Pass	15	-
HT20	MCS0	1	44	5220	15.20	-	-	20.69	-	2.00	-	22.69	-	Pass	15	-
HT20	MCS0	1	48	5240	15.30	-		20.70	-	2.00	-	22.70	-	Pass	15	-
VHT20	MCS0	1	36	5180	15.20	-		20.70	-	2.00	-	22.70	-	Pass	15	-
VHT20	MCS0	1	44	5220	15.10	-		20.69	-	2.00	-	22.69	-	Pass	15	-
VHT20	MCS0	1	48	5240	15.20	-		20.70	-	2.00	-	22.70	-	Pass	15	-

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TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna														
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	17.85	-	22.02	-	-		22.52	-	-	
11a	6Mbps	1	44	5220	17.66	-	22.02	-	-		22.47	-		
11a	6Mbps	1	48	5240	17.74	-	22.10	-	-		22.49	-		
HT20	MCS0	1	36	5180	18.63	-	22.50	-	-		22.70	-		
HT20	MCS0	1	44	5220	18.57	-	22.27	-	-		22.69	-		
HT20	MCS0	1	48	5240	18.61	-	22.32	-	-		22.70	-		

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TEST RESULTS DATA
Power Spectral Density

IC U-NII-1 single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		IC EIRP PSD Limit (dBm/MHz)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	36	5180	0.06	-	5.04	-		8.00	-	2.00	-	10		Pass
11a	6Mbps	1	44	5220	0.06	-	4.89	-		8.00	-	2.00	-	10		Pass
11a	6Mbps	1	48	5240	0.06	-	4.96	-		8.00	-	2.00	-	10		Pass
HT20	MCS0	1	36	5180	0.06	-	4.80	-		8.00	-	2.00	-	10		Pass
HT20	MCS0	1	44	5220	0.06	-	4.59	-	-	8.00	-	2.00	-	10		Pass
HT20	MCS0	1	48	5240	0.06	-	4.57	-		8.00	-	2.00	-	10		Pass

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TEST RESULTS DATA
Average Power Table

IC U-NII-2A single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
11a	6Mbps	1	52	5260	15.10	-		23.48	-	1.60	-	29.48	-	Pass	15	-
11a	6Mbps	1	60	5300	15.10	-		23.47	-	1.60	-	29.47	-	Pass	15	-
11a	6Mbps	1	64	5320	15.10	-		23.47	-	1.60	-	29.47	-	Pass	15	-
HT20	MCS0	1	52	5260	15.30	-		23.68	-	1.60	-	29.68	-	Pass	15	-
HT20	MCS0	1	60	5300	15.30	-	-	23.69	-	1.60	-	29.69	-	Pass	15	-
HT20	MCS0	1	64	5320	15.10	-		23.69	-	1.60	-	29.69	-	Pass	15	-
VHT20	MCS0	1	52	5260	15.20	-		23.68	-	1.60	-	29.68	-	Pass	15	-
VHT20	MCS0	1	60	5300	15.20	-		23.69	-	1.60	-	29.69	-	Pass	15	-
VHT20	MCS0	1	64	5320	15.00	-		23.69	-	1.60	-	29.69	-	Pass	15	-

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TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	17.71	-	21.94	-	23.48	-	29.48	-	23.98	-	-
11a	6Mbps	1	60	5300	17.67	-	22.01	-	23.47	-	29.47	-	23.98	-	
11a	6Mbps	1	64	5320	17.66	-	21.95	-	23.47	-	29.47	-	23.98	-	
HT20	MCS0	1	52	5260	18.55	-	22.14	-	23.68	-	29.68	-	23.98	-	
HT20	MCS0	1	60	5300	18.58	-	22.22	-	23.69	-	29.69	-	23.98	-	
HT20	MCS0	1	64	5320	18.57	-	22.17	-	23.69	-	29.69	-	23.98	-	

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TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.06	-	5.09	-	-	11.00	-	1.60	-	-	Pass
11a	6Mbps	1	60	5300	0.06	-	5.09	-		11.00	-	1.60	-		Pass
11a	6Mbps	1	64	5320	0.06	-	5.15	-		11.00	-	1.60	-		Pass
HT20	MCS0	1	52	5260	0.06	-	4.76	-		11.00	-	1.60	-		Pass
HT20	MCS0	1	60	5300	0.06	-	4.77	-		11.00	-	1.60	-		Pass
HT20	MCS0	1	64	5320	0.06	-	4.86	-		11.00	-	1.60	-		Pass

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TEST RESULTS DATA
Average Power Table

IC U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
11a	6Mbps	1	100	5500	14.50	-	-	23.46	-	1.56	-	29.46	-	Pass	15	-
11a	6Mbps	1	116	5580	15.10	-		23.47	-	1.56	-	29.47	-	Pass	16	-
11a	6Mbps	1	140	5700	14.70	-		23.46	-	1.56	-	29.46	-	Pass	15	-
HT20	MCS0	1	100	5500	15.30	-		23.69	-	1.56	-	29.69	-	Pass	16	-
HT20	MCS0	1	116	5580	15.00	-		23.72	-	1.56	-	29.72	-	Pass	16	-
HT20	MCS0	1	140	5700	14.80	-		23.68	-	1.56	-	29.68	-	Pass	15	-
VHT20	MCS0	1	100	5500	15.20	-		23.69	-	1.56	-	29.69	-	Pass	16	-
VHT20	MCS0	1	116	5580	14.90	-		23.72	-	1.56	-	29.72	-	Pass	16	-
VHT20	MCS0	1	140	5700	14.70	-		23.68	-	1.56	-	29.68	-	Pass	15	-

IC U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
11a	6Mbps	1	144	5720	14.60	-	-	23.47	-	1.56	-	29.47	-	Pass	15	-
HT20	MCS0	1	144	5720	14.60	-		23.69	-	1.56	-	29.69	-	Pass	15	-
VHT20	MCS0	1	144	5720	14.50	-		23.69	-	1.56	-	29.69	-	Pass	15	-

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TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	17.62	-	21.83	-	23.46	-	29.46	-	23.98	-	----	----
11a	6Mbps	1	116	5580	17.68	-	21.81	-	23.47	-	29.47	-	23.98	-	----	----
11a	6Mbps	1	140	5700	17.62	-	21.84	-	23.46	-	29.46	-	23.98	-	----	----
HT20	MCS0	1	100	5500	18.57	-	22.06	-	23.69	-	29.69	-	23.98	-	----	----
HT20	MCS0	1	116	5580	18.70	-	22.05	-	23.72	-	29.72	-	23.98	-	----	----
HT20	MCS0	1	140	5700	18.54	-	22.27	-	23.68	-	29.68	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	144	5720	13.91	-	15.98	-	23.47	-	29.47	-	23.98	-	2.505	-
HT20	MCS0	1	144	5720	14.36	-	16.14	-	23.69	-	29.69	-	23.98	-	2.525	-
6dB Bandwidth Limit ≧ 500kHz															Pass	

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TEST RESULTS DATA
Power Spectral Density

U-NII-2C single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.06	-	4.50	-	-	11.00	-	1.56	-	-	Pass
11a	6Mbps	1	116	5580	0.06	-	5.11	-		11.00	-	1.56	-		Pass
11a	6Mbps	1	140	5700	0.06	-	4.76	-		11.00	-	1.56	-		Pass
HT20	MCS0	1	100	5500	0.06	-	5.18	-		11.00	-	1.56	-		Pass
HT20	MCS0	1	116	5580	0.06	-	4.82	-		11.00	-	1.56	-		Pass
HT20	MCS0	1	140	5700	0.06	-	4.41	-		11.00	-	1.56	-		Pass

U-NII-2C straddle channel single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	5720	0.06	-	4.39	-	-	11.00	-	1.56	-	-	Pass
HT20	MCS0	1	144	5720	0.06	-	4.02	-		11.00	-	1.56	-		Pass

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TEST RESULTS DATA
Average Power Table

IC U-NII-1 single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
HE20	MCS0	1	36	5180	Full	15.70	-	-	20.86	-	2.00	-	22.86	-	Pass	15	-
HE20	MCS0	1	36	5180	26/0	8.20	-		20.86	-	2.00	-	22.86	-	Pass	9	-
HE20	MCS0	1	36	5180	52/37	10.60	-		20.86	-	2.00	-	22.86	-	Pass	11	-
HE20	MCS0	1	36	5180	106/53	13.90	-		20.86	-	2.00	-	22.86	-	Pass	14	-
HE20	MCS0	1	44	5220	Full	15.30	-		20.86	-	2.00	-	22.86	-	Pass	15	-
HE20	MCS0	1	44	5220	26/4	8.30	-		20.86	-	2.00	-	22.86	-	Pass	8	-
HE20	MCS0	1	44	5220	52/38	10.90	-		20.86	-	2.00	-	22.86	-	Pass	11	-
HE20	MCS0	1	44	5220	106/53	13.60	-		20.86	-	2.00	-	22.86	-	Pass	14	-
HE20	MCS0	1	48	5240	Full	15.60	-		20.86	-	2.00	-	22.86	-	Pass	15	-
HE20	MCS0	1	48	5240	26/8	8.10	-		20.86	-	2.00	-	22.86	-	Pass	9	-
HE20	MCS0	1	48	5240	52/40	10.40	-		20.86	-	2.00	-	22.86	-	Pass	11	-
HE20	MCS0	1	48	5240	106/54	13.60	-		20.86	-	2.00	-	22.86	-	Pass	14	-

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TEST RESULTS DATA
26dB and 99% OBW

U-NII-1 single antenna															
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	36	5180	Full	19.31	-	22.01	-	-		22.86	-	-	-
HE20	MCS0	1	44	5220	Full	19.32	-	22.06	-	-		22.86	-		
HE20	MCS0	1	48	5240	Full	19.33	-	22.05	-	-		22.86	-		

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TEST RESULTS DATA
Power Spectral Density

IC U-NII-1 single antenna																		
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		IC EIRP PSD Limit (dBm/MHz)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	36	5180	Full	0.07	-	4.81	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	36	5180	26/0	0.14	-	4.79	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	36	5180	52/37	0.13	-	4.77	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	36	5180	106/53	0.13	-	4.80	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	44	5220	Full	0.07	-	4.45	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	44	5220	26/4	0.14	-	4.06	-	-	8.00	-	2.00	-	10		Pass
HE20	MCS0	1	44	5220	52/38	0.13	-	4.04	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	44	5220	106/53	0.13	-	4.07	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	48	5240	Full	0.07	-	4.56	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	48	5240	26/8	0.14	-	4.47	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	48	5240	52/40	0.13	-	4.40	-		8.00	-	2.00	-	10		Pass
HE20	MCS0	1	48	5240	106/54	0.13	-	4.54	-		8.00	-	2.00	-	10		Pass

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TEST RESULTS DATA
Average Power Table

IC U-NII-2A single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
HE20	MCS0	1	52	5260	Full	15.50	-	-	23.85	-	1.60	-	29.85	-	Pass	15	-
HE20	MCS0	1	52	5260	26/0	7.90	-		23.85	-	1.60	-	29.85	-	Pass	8	-
HE20	MCS0	1	52	5260	52/37	10.20	-		23.85	-	1.60	-	29.85	-	Pass	11	-
HE20	MCS0	1	52	5260	106/53	13.20	-		23.85	-	1.60	-	29.85	-	Pass	14	-
HE20	MCS0	1	60	5300	Full	15.70	-		23.85	-	1.60	-	29.85	-	Pass	15	-
HE20	MCS0	1	60	5300	26/4	8.30	-		23.85	-	1.60	-	29.85	-	Pass	8	-
HE20	MCS0	1	60	5300	52/38	10.50	-		23.85	-	1.60	-	29.85	-	Pass	11	-
HE20	MCS0	1	60	5300	106/53	12.90	-		23.85	-	1.60	-	29.85	-	Pass	14	-
HE20	MCS0	1	64	5320	Full	15.50	-		23.85	-	1.60	-	29.85	-	Pass	15	-
HE20	MCS0	1	64	5320	26/8	7.00	-		23.85	-	1.60	-	29.85	-	Pass	8	-
HE20	MCS0	1	64	5320	52/40	10.20	-		23.85	-	1.60	-	29.85	-	Pass	11	-
HE20	MCS0	1	64	5320	106/54	13.00	-		23.85	-	1.60	-	29.85	-	Pass	14	-

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	52	5260	Full	19.29	-	22.11	-	23.85	-	29.85	-	23.98	-	
HE20	MCS0	1	60	5300	Full	19.28	-	22.06	-	23.85	-	29.85	-	23.98	-	
HE20	MCS0	1	64	5320	Full	19.29	-	22.05	-	23.85	-	29.85	-	23.98	-	

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TEST RESULTS DATA
Power Spectral Density

U-NII-2A single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	52	5260	Full	0.07	-	4.48	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	52	5260	26/0	0.14	-	4.40	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	52	5260	52/37	0.13	-	4.45	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	52	5260	106/53	0.13	-	4.33	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	60	5300	Full	0.07	-	4.46	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	60	5300	26/4	0.14	-	4.30	-	-	11.00	-	1.60	-	-	Pass
HE20	MCS0	1	60	5300	52/38	0.13	-	4.40	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	60	5300	106/53	0.13	-	4.24	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	Full	0.07	-	4.62	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	26/8	0.14	-	4.30	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	52/40	0.13	-	4.43	-		11.00	-	1.60	-		Pass
HE20	MCS0	1	64	5320	106/54	0.13	-	4.37	-		11.00	-	1.60	-		Pass

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TEST RESULTS DATA
Average Power Table

IC U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	14.80	-	-	23.84	-	1.56	-	29.84	-	Pass	15	-
HE20	MCS0	1	100	5500	26/0	7.00	-		23.84	-	1.56	-	29.84	-	Pass	8	-
HE20	MCS0	1	100	5500	52/37	9.40	-		23.84	-	1.56	-	29.84	-	Pass	10	-
HE20	MCS0	1	100	5500	106/53	12.70	-		23.84	-	1.56	-	29.84	-	Pass	14	-
HE20	MCS0	1	116	5580	Full	15.30	-		23.85	-	1.56	-	29.85	-	Pass	16	-
HE20	MCS0	1	116	5580	26/4	8.80	-		23.85	-	1.56	-	29.85	-	Pass	9	-
HE20	MCS0	1	116	5580	52/38	10.50	-		23.85	-	1.56	-	29.85	-	Pass	11	-
HE20	MCS0	1	116	5580	106/53	12.80	-		23.85	-	1.56	-	29.85	-	Pass	14	-
HE20	MCS0	1	140	5700	Full	15.00	-		23.85	-	1.56	-	29.85	-	Pass	15	-
HE20	MCS0	1	140	5700	26/8	7.00	-		23.85	-	1.56	-	29.85	-	Pass	8	-
HE20	MCS0	1	140	5700	52/40	9.50	-		23.85	-	1.56	-	29.85	-	Pass	11	-
HE20	MCS0	1	140	5700	106/54	12.50	-		23.85	-	1.56	-	29.85	-	Pass	14	-

IC U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			IC Conducted Power Limit (dBm)		DG (dBi)		IC EIRP Power Limit (dBm)		Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	15.00	-	-	23.85	-	1.56	-	29.85	-	Pass	15	-
HE20	MCS0	1	144	5720	26/8	6.60	-		23.85	-	1.56	-	29.85	-	Pass	8	-
HE20	MCS0	1	144	5720	52/40	9.50	-		23.85	-	1.56	-	29.85	-	Pass	11	-
HE20	MCS0	1	144	5720	106/54	12.10	-		23.85	-	1.56	-	29.85	-	Pass	14	-

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	100	5500	Full	19.25	-	21.94	-	23.84	-	29.84	-	23.98	-	----	----
HE20	MCS0	1	116	5580	Full	19.26	-	21.96	-	23.85	-	29.85	-	23.98	-	----	----
HE20	MCS0	1	140	5700	Full	19.28	-	21.69	-	23.85	-	29.85	-	23.98	-	----	----

U-NII-2C straddle channel single antenna																	
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	144	5720	Full	14.69	-	16.02	-	23.85	-	29.85	-	23.98	-	4.055	-
6dB Bandwidth Limit ≧ 500kHz																Pass	

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TEST RESULTS DATA
Power Spectral Density

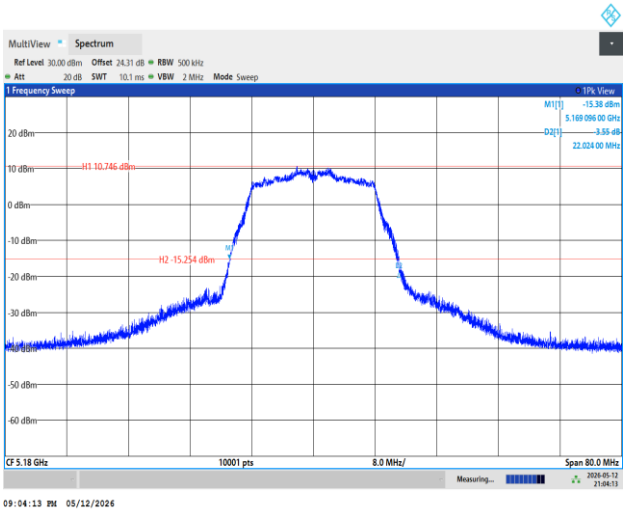
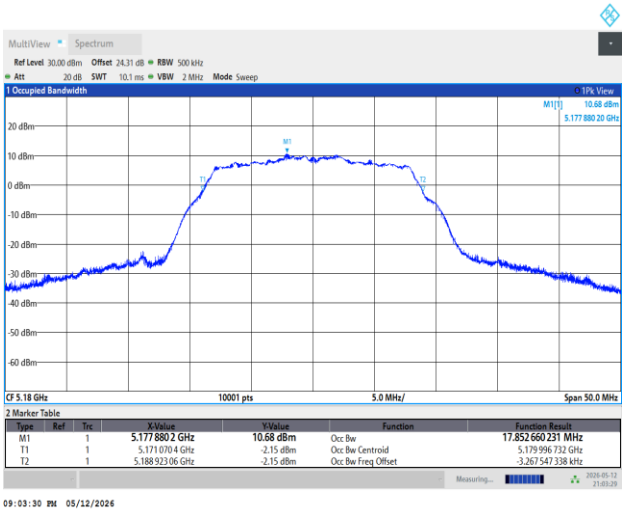
U-NII-2C single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	100	5500	Full	0.07	-	3.86	-	-	11.00	-	1.56	-	-	Pass
HE20	MCS0	1	100	5500	26/0	0.14	-	3.81	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	100	5500	52/37	0.13	-	3.65	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	100	5500	106/53	0.13	-	3.74	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	Full	0.07	-	4.55	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	26/4	0.14	-	4.51	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	52/38	0.13	-	4.49	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	116	5580	106/53	0.13	-	4.23	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	Full	0.07	-	4.10	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	26/8	0.14	-	4.00	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	52/40	0.13	-	3.78	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	140	5700	106/54	0.13	-	4.05	-		11.00	-	1.56	-		Pass

U-NII-2C straddle channel single antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	144	5720	Full	0.07	-	3.79	-	-	11.00	-	1.56	-	-	Pass
HE20	MCS0	1	144	5720	26/8	0.14	-	3.73	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	144	5720	52/40	0.13	-	3.69	-		11.00	-	1.56	-		Pass
HE20	MCS0	1	144	5720	106/54	0.13	-	3.55	-		11.00	-	1.56	-		Pass

Test Result of 26dB & 99% Occupied Bandwidth

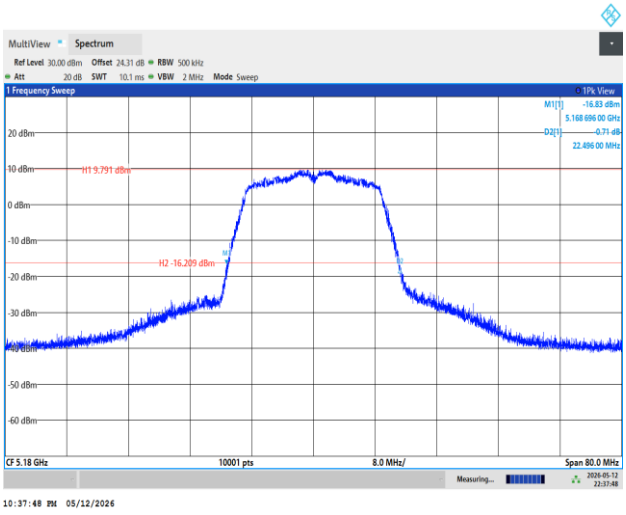
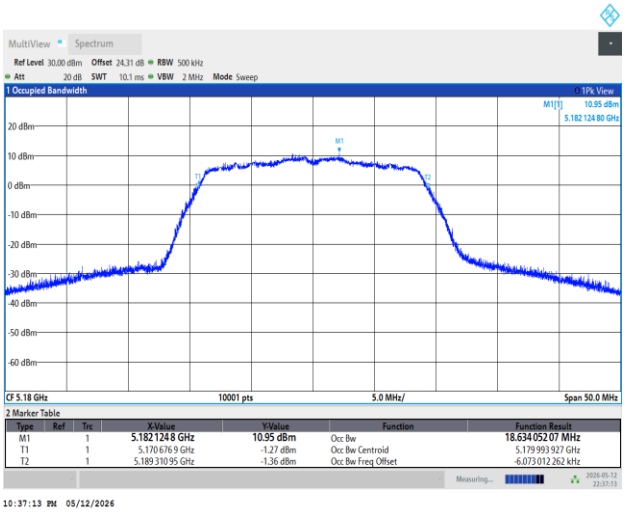
SISO <Ant. 1>

<802.11a>

26dB Bandwidth	99% Occupied Bandwidth
	

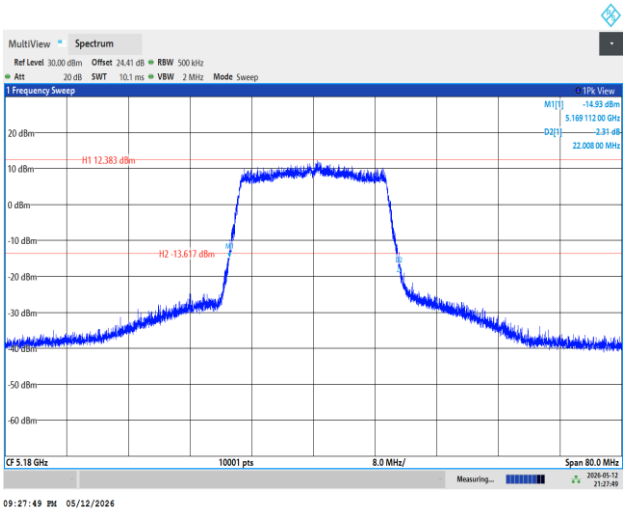
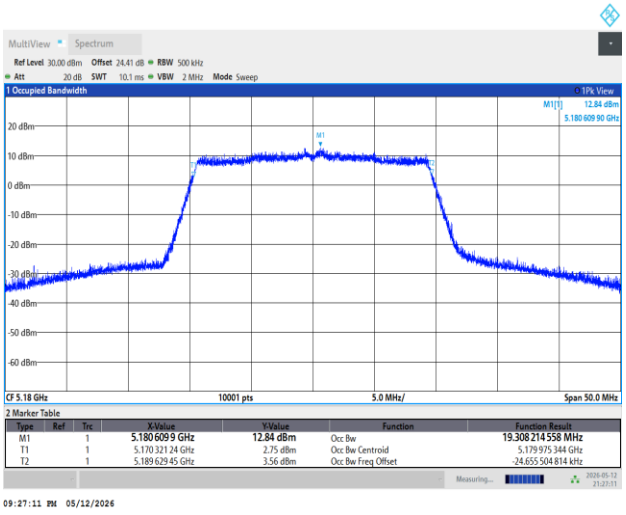
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<802.11aN HT20>

26dB Bandwidth	99% Occupied Bandwidth
	

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

<802.11ax HE20>

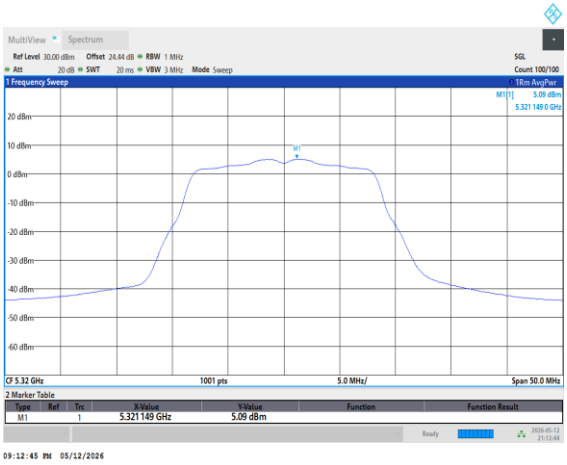
26dB Bandwidth	99% Occupied Bandwidth
	

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

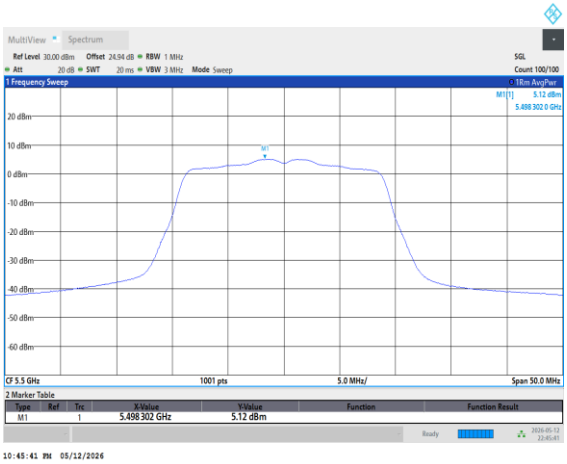
Test Result of Power Spectral Density

<802.11a>

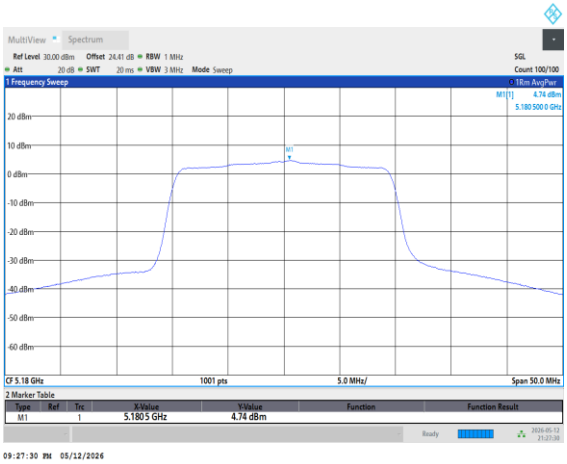
Maximum Power Density Plot Trace 1 (Ant 1)



<802.11aN HT20>

Maximum Power Density Plot Trace 1 (Ant 1)


<802.11ax HE20>

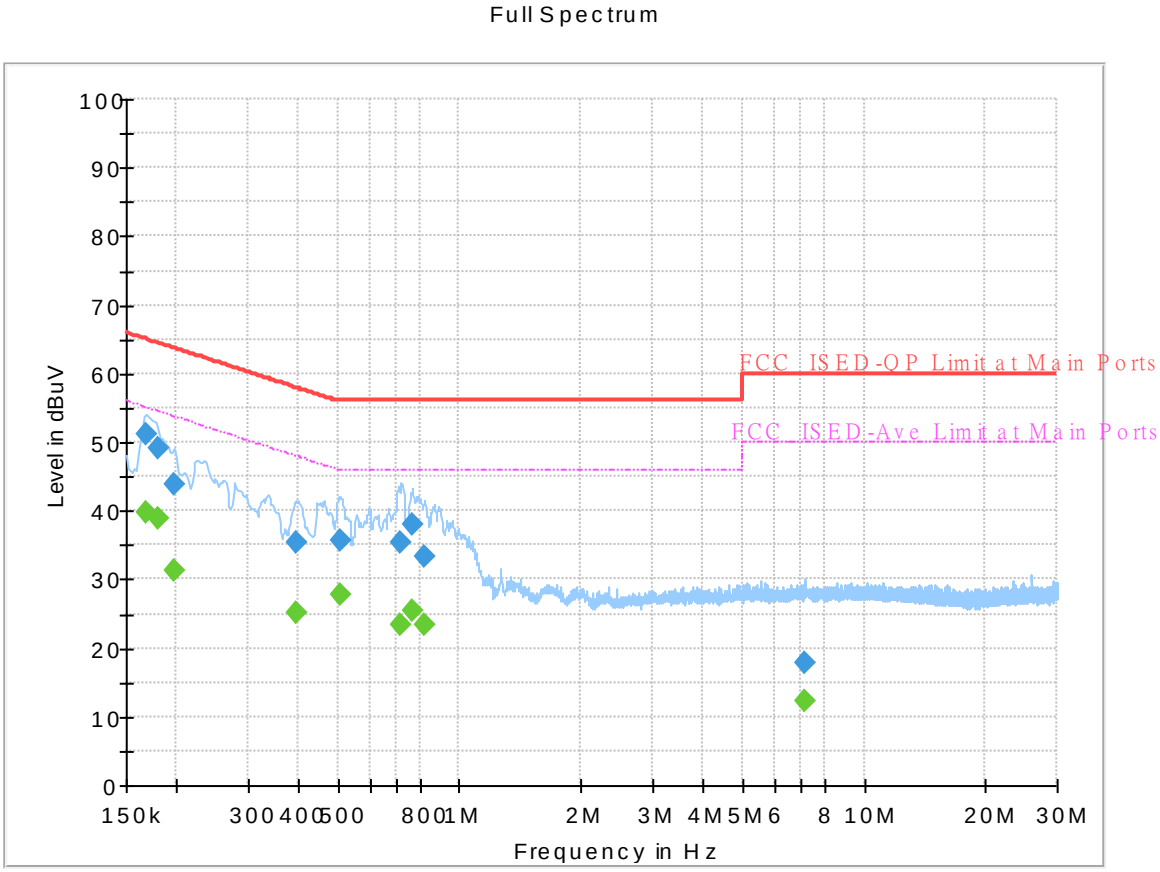
Maximum Power Density Plot Trace 1 (Ant 1)


Appendix B. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	640815
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

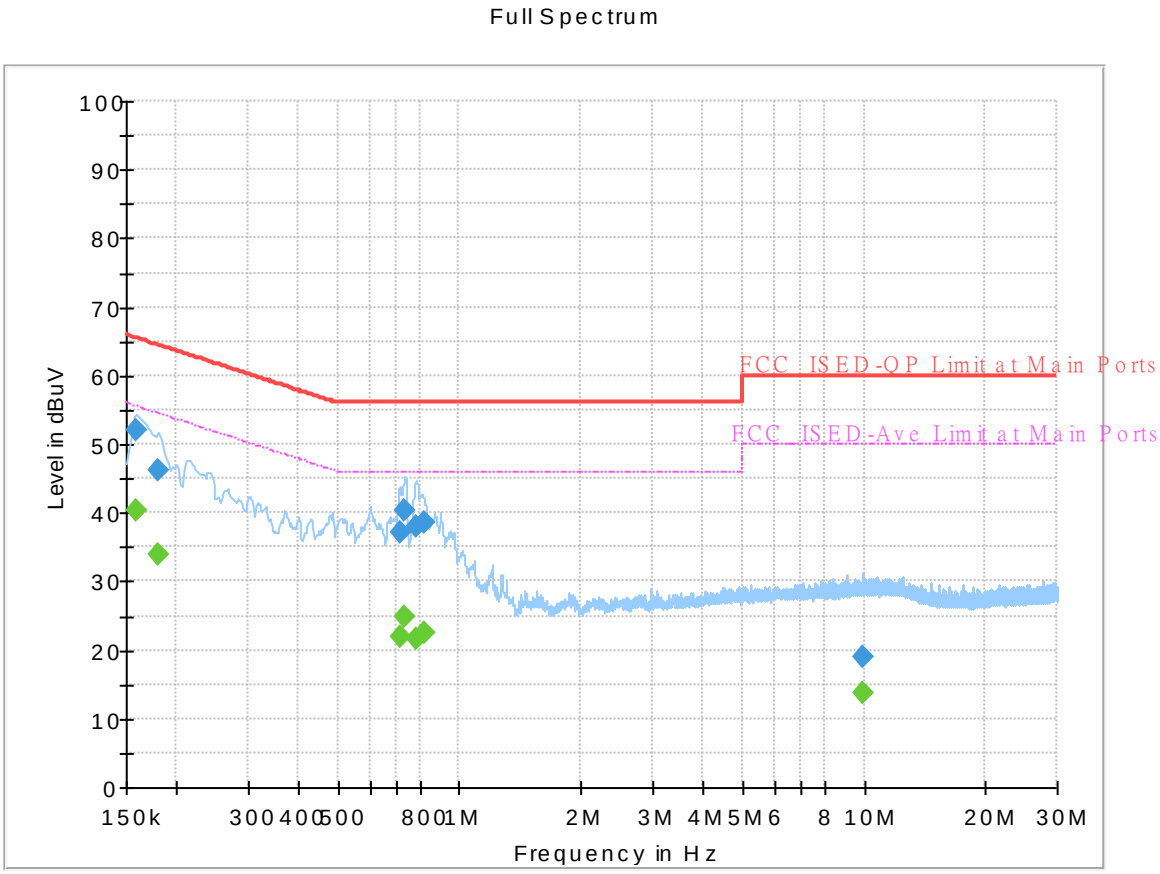


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	---	39.65	55.06	15.41	L1	OFF	19.9
0.168000	51.15	---	65.06	13.91	L1	OFF	19.9
0.179250	---	38.79	54.52	15.73	L1	OFF	19.9
0.179250	49.19	---	64.52	15.33	L1	OFF	19.9
0.197250	---	31.15	53.73	22.58	L1	OFF	19.9
0.197250	43.85	---	63.73	19.88	L1	OFF	19.9
0.393000	---	25.24	48.00	22.76	L1	OFF	19.9
0.393000	35.45	---	58.00	22.55	L1	OFF	19.9
0.507750	---	27.81	46.00	18.19	L1	OFF	19.9
0.507750	35.78	---	56.00	20.22	L1	OFF	19.9
0.717000	---	23.41	46.00	22.59	L1	OFF	19.9
0.717000	35.43	---	56.00	20.57	L1	OFF	19.9
0.766500	---	25.45	46.00	20.55	L1	OFF	19.9
0.766500	38.02	---	56.00	17.98	L1	OFF	19.9
0.820500	---	23.48	46.00	22.52	L1	OFF	19.9
0.820500	33.48	---	56.00	22.52	L1	OFF	19.9
7.131750	---	12.39	50.00	37.61	L1	OFF	20.3
7.131750	17.72	---	60.00	42.28	L1	OFF	20.3

EUT Information

Report NO :	640815
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	40.42	55.52	15.10	N	OFF	19.9
0.159000	51.96	---	65.52	13.56	N	OFF	19.9
0.179250	---	33.81	54.52	20.71	N	OFF	19.9
0.179250	46.05	---	64.52	18.47	N	OFF	19.9
0.712500	---	21.87	46.00	24.13	N	OFF	19.9
0.712500	37.04	---	56.00	18.96	N	OFF	19.9
0.735000	---	24.80	46.00	21.20	N	OFF	19.9
0.735000	40.24	---	56.00	15.76	N	OFF	19.9
0.782250	---	21.52	46.00	24.48	N	OFF	19.9
0.782250	38.11	---	56.00	17.89	N	OFF	19.9
0.816000	---	22.64	46.00	23.36	N	OFF	19.9
0.816000	38.57	---	56.00	17.43	N	OFF	19.9
9.980250	---	13.75	50.00	36.25	N	OFF	20.6
9.980250	19.08	---	60.00	40.92	N	OFF	20.6

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jesse Wang, Stan Hsieh and Ken Wu	**Temperature :**	18.2~21.3°C
		Relative Humidity :	56.4~68.6%

Note symbol

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

C1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	1	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	1	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	1	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-1	5.15-5.25	1	802.11ax HE20	36	5180	MCS0	Full RU	-
Mode 5	U-NII-1	5.15-5.25	1	802.11ax HE20	44	5220	MCS0	Full RU	-
Mode 6	U-NII-1	5.15-5.25	1	802.11ax HE20	48	5240	MCS0	Full RU	-
Mode 7	U-NII-1	5.15-5.25	1	802.11n HT20	36	5180	MCS0	-	-
Mode 8	U-NII-1	5.15-5.25	1	802.11ax HE20	36	5180	MCS0	Partial RU 106/53	-
Mode 9	U-NII-2A	5.25-5.35	1	802.11a	52	5260	6Mbps	-	-
Mode 10	U-NII-2A	5.25-5.35	1	802.11a	60	5300	6Mbps	-	-
Mode 11	U-NII-2A	5.25-5.35	1	802.11a	64	5320	6Mbps	-	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-2A	5.25-5.35	1	802.11ax HE20	52	5260	MCS0	Full RU	-
Mode 13	U-NII-2A	5.25-5.35	1	802.11ax HE20	60	5300	MCS0	Full RU	-
Mode 14	U-NII-2A	5.25-5.35	1	802.11ax HE20	64	5320	MCS0	Full RU	-
Mode 15	U-NII-2A	5.25-5.35	1	802.11ax HE20	64	5320	MCS0	Partial RU 106/54	-
Mode 16	U-NII-2A	5.25-5.35	1	802.11n HT20	64	5320	MCS0	-	-
Mode 17	U-NII-2C	5.47-5.725	1	802.11a	100	5500	6Mbps	-	-
Mode 18	U-NII-2C	5.47-5.725	1	802.11a	116	5580	6Mbps	-	-
Mode 19	U-NII-2C	5.47-5.725	1	802.11a	140	5700	6Mbps	-	-
Mode 21	U-NII-2C	5.47-5.725	1	802.11ax HE20	100	5500	MCS0	Full RU	-
Mode 22	U-NII-2C	5.47-5.725	1	802.11ax HE20	116	5580	MCS0	Full RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 23	U-NII-2C	5.47-5.725	1	802.11ax HE20	140	5700	MCS0	Full RU	-
Mode 24	U-NII-2C	5.47-5.725	1	802.11ax HE20	144	5720	MCS0	Full RU	-
Mode 25	U-NII-2C	5.47-5.725	1	802.11n HT20	100	5500	MCS0	-	-
Mode 26	U-NII-2C	5.47-5.725	1	802.11ax HE20	100	5500	MCS0	Partial RU 106/53	-
Mode 27	U-NII-2C	5.47-5.725	1	802.11ax HE20	140	5700	MCS0	Partial RU 106/54	-
Mode 28	U-NII-2A	5.25-5.35	1	802.11ax HE20	64	5320	MCS0	Partial RU 106/54	LF
Mode 29	U-NII-2A	5.25-5.35	1	802.11ax HE20	64	5320	MCS0	Partial RU 106/54	SHF

C2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	36	5149.94	44.00	54.00	-10.00	H	Avg.	Pass	-	Band Edge
	802.11a	36	10360.00	44.62	68.20	-23.58	H	Peak	Pass	-	Harmonic
2	802.11a	44	5146.96	41.05	54.00	-12.95	H	Avg.	Pass	-	Band Edge
	802.11a	44	10440.00	45.75	68.20	-22.45	V	Peak	Pass	-	Harmonic
3	802.11a	48	5137.76	40.90	54.00	-13.10	H	Avg.	Pass	-	Band Edge
	802.11a	48	10480.00	45.80	68.20	-22.40	H	Peak	Pass	-	Harmonic
4	802.11ax HE20	36	5149.58	44.70	54.00	-9.30	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	36	10360.00	45.04	68.20	-23.16	V	Peak	Pass	Full RU	Harmonic
5	802.11ax HE20	44	5147.18	41.05	54.00	-12.95	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	44	10440.00	45.32	68.20	-22.88	H	Peak	Pass	Full RU	Harmonic
6	802.11ax HE20	48	5147.60	40.87	54.00	-13.13	H	Avg.	Pass	Full RU	Band Edge

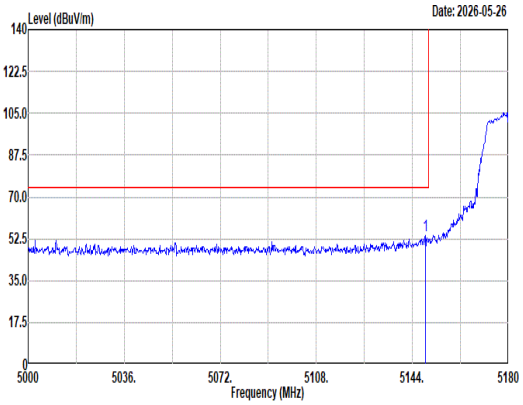
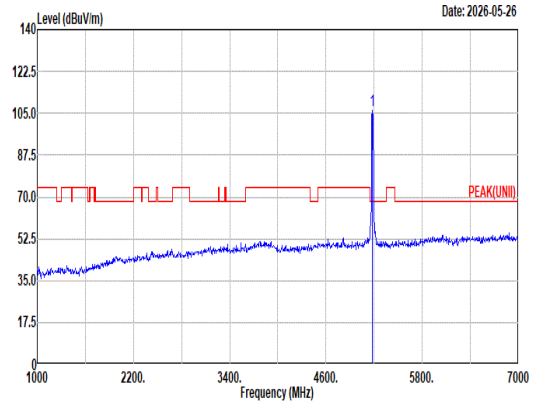
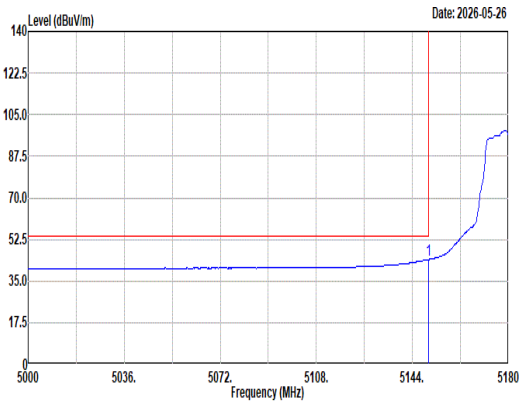
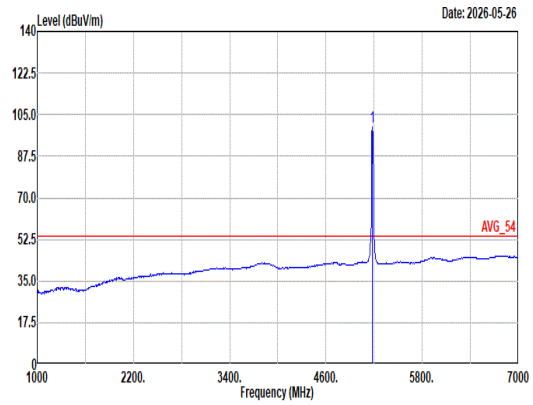
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	802.11ax HE20	48	10480.00	46.48	68.20	-21.72	H	Peak	Pass	Full RU	Harmonic
7	802.11n HT20	36	5149.94	43.72	54.00	-10.28	H	Avg.	Pass	-	Band Edge
	802.11n HT20	36	10360.00	44.94	68.20	-23.26	V	Peak	Pass	-	Harmonic
8	802.11ax HE20	36	5149.76	45.51	54.00	-8.49	H	Avg.	Pass	Partial RU 106/53	Band Edge
	802.11ax HE20	36	10360.00	45.06	68.20	-23.14	V	Peak	Pass	Partial RU 106/53	Harmonic
9	802.11a	52	5144.82	40.66	54.00	-13.34	H	Avg.	Pass	-	Band Edge
	802.11a	52	10520.00	45.01	68.20	-23.19	H	Peak	Pass	-	Harmonic
10	802.11a	60	5149.70	40.56	54.00	-13.44	V	Avg.	Pass	-	Band Edge
	802.11a	60	15900.00	49.57	74.00	-24.43	V	Peak	Pass	-	Harmonic
11	802.11a	64	5350.10	44.42	54.00	-9.58	H	Avg.	Pass	-	Band Edge
	802.11a	64	15960.00	48.74	74.00	-25.26	H	Peak	Pass	-	Harmonic

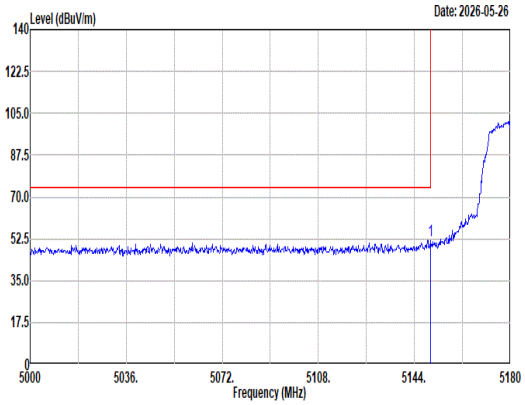
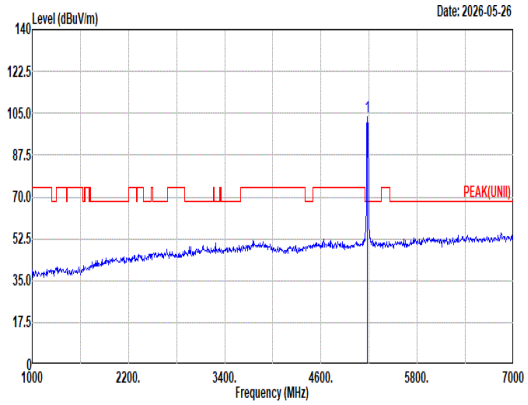
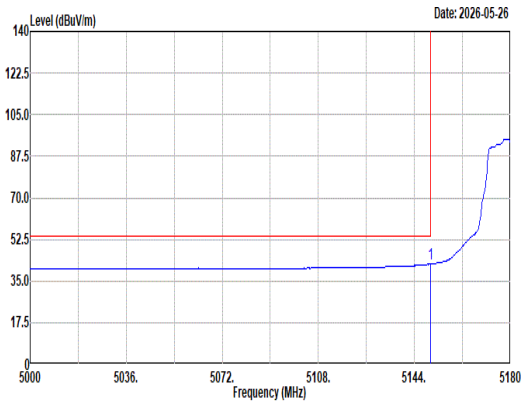
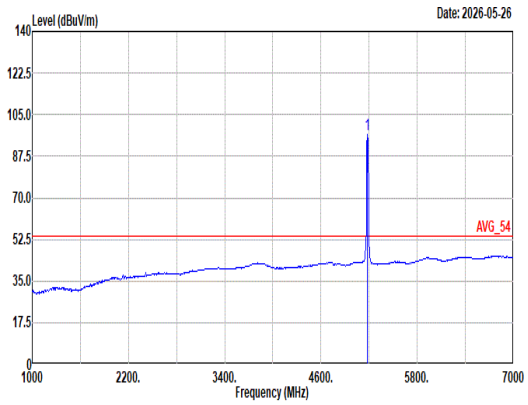
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	802.11ax HE20	52	5136.76	40.76	54.00	-13.24	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	52	10520.00	45.18	68.20	-23.02	V	Peak	Pass	Full RU	Harmonic
13	802.11ax HE20	60	5350.40	40.99	54.00	-13.01	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	60	15900.00	49.50	74.00	-24.50	V	Peak	Pass	Full RU	Harmonic
14	802.11ax HE20	64	5350.10	44.77	54.00	-9.23	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	64	15960.00	48.09	74.00	-25.91	H	Peak	Pass	Full RU	Harmonic
15	802.11ax HE20	64	5350.38	45.67	54.00	-8.33	H	Avg.	Pass	Partial RU 106/54	Band Edge
	802.11ax HE20	64	15960.00	48.72	74.00	-25.28	V	Peak	Pass	Partial RU 106/54	Harmonic
16	802.11n HT20	64	5350.10	43.23	54.00	-10.77	H	Avg.	Pass	-	Band Edge
	802.11n HT20	64	15960.00	49.53	74.00	-24.47	H	Peak	Pass	-	Harmonic
17	802.11a	100	5459.20	40.89	54.00	-13.11	H	Avg.	Pass	-	Band Edge

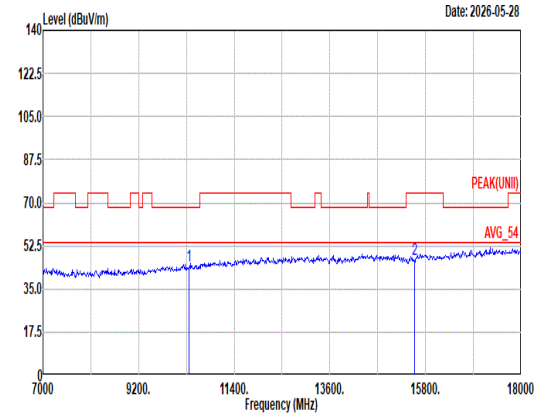
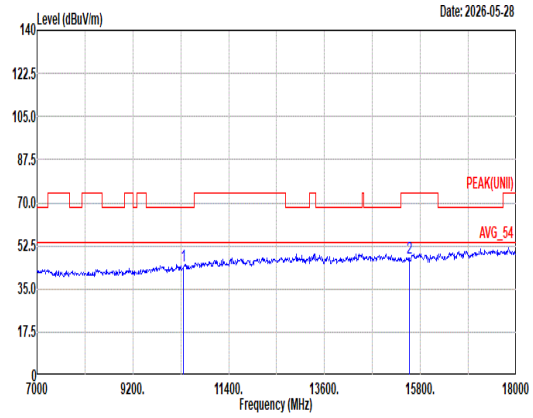
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	802.11a	100	16500.00	50.31	68.20	-17.89	H	Peak	Pass	-	Harmonic
18	802.11a	116	5459.48	40.23	54.00	-13.77	V	Avg.	Pass	-	Band Edge
	802.11a	116	16740.00	49.83	68.20	-18.37	V	Peak	Pass	-	Harmonic
19	802.11a	140	5725.16	52.06	68.20	-16.14	V	Peak	Pass	-	Band Edge
	802.11a	140	17100.00	50.52	68.20	-17.68	H	Peak	Pass	-	Harmonic
21	802.11ax HE20	100	5459.80	41.45	54.00	-12.55	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	100	16500.00	49.78	68.20	-18.42	H	Peak	Pass	Full RU	Harmonic
22	802.11ax HE20	116	5458.33	40.27	54.00	-13.73	V	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	116	16740.00	49.15	68.20	-19.05	V	Peak	Pass	Full RU	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
23	802.11ax HE20	140	5726.07	54.47	68.20	-13.73	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	140	17100.00	49.85	68.20	-18.35	V	Peak	Pass	Full RU	Harmonic
24	802.11ax HE20	144	5459.98	40.22	54.00	-13.78	V	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	144	17160.00	51.11	68.20	-17.09	V	Peak	Pass	Full RU	Harmonic
25	802.11n HT20	100	5459.50	40.90	54.00	-13.10	H	Avg.	Pass	-	Band Edge
	802.11n HT20	100	16500.00	50.81	68.20	-17.39	V	Peak	Pass	-	Harmonic
26	802.11ax HE20	100	5458.90	41.91	54.00	-12.09	H	Avg.	Pass	Partial RU 106/53	Band Edge
	802.11ax HE20	100	16500.00	50.80	68.20	-17.40	H	Peak	Pass	Partial RU 106/53	Harmonic
27	802.11ax HE20	140	5725.81	57.56	68.20	-10.64	H	Peak	Pass	Partial RU 106/54	Band Edge
	802.11ax HE20	140	17100.00	51.02	68.20	-17.18	H	Peak	Pass	Partial RU 106/54	Harmonic
28	LF	64	30.97	31.45	40.00	-8.55	V	Peak	Pass	-	LF

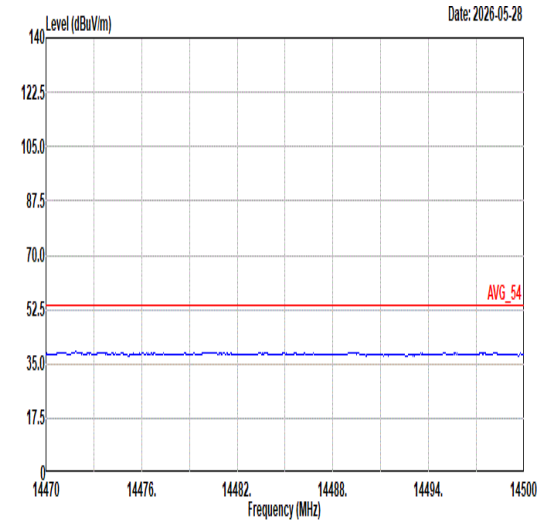
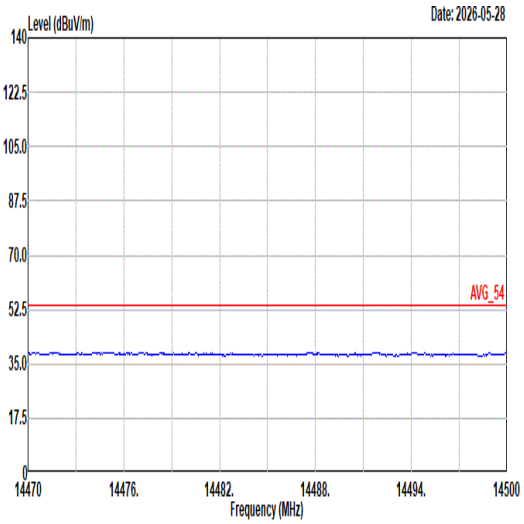
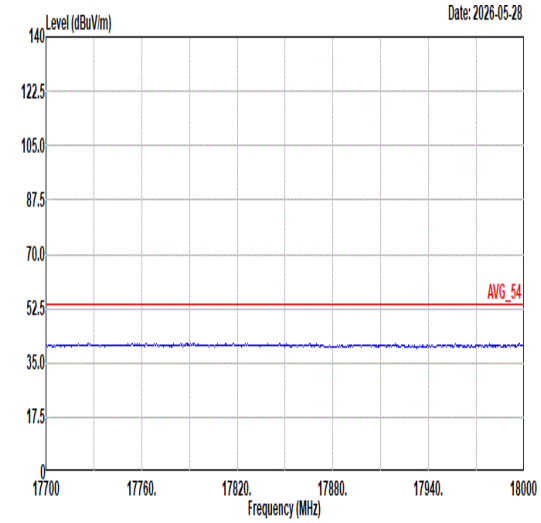
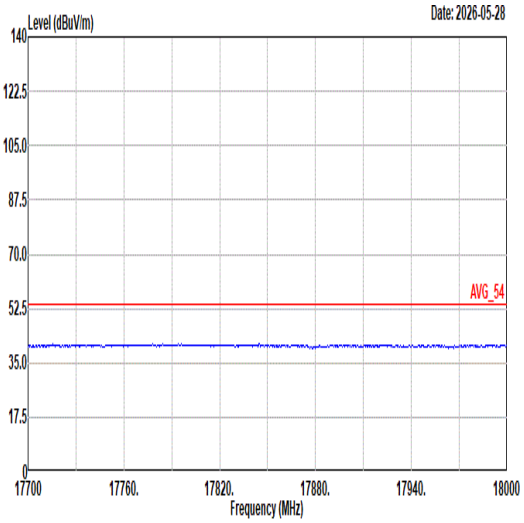
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
29	SHF	64	39904.00	45.09	74.00	-28.91	H	Peak	Pass	-	SHF

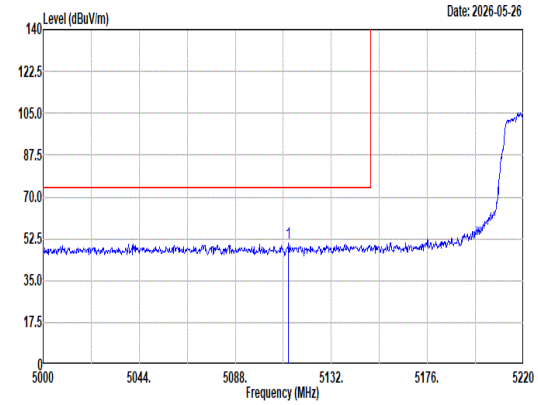
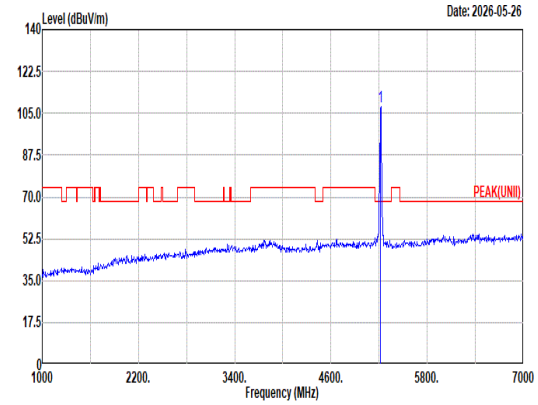
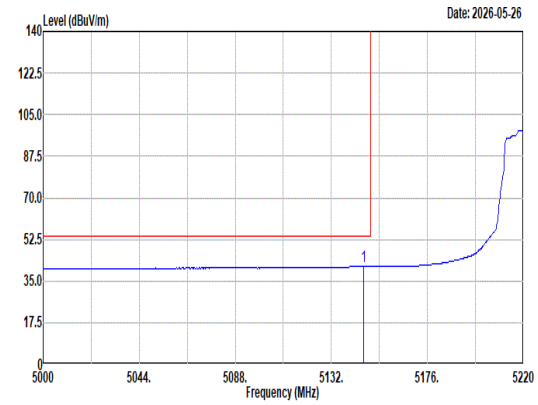
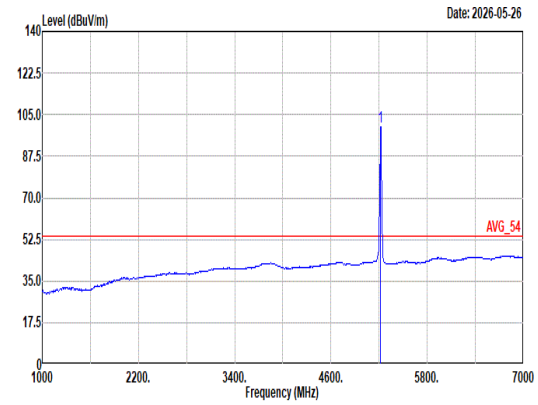
Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.86 53.83 74.00 -20.17 41.58 34.69 12.73 35.17 0.00 303 150 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 106.23 ------ ------ 93.88 34.75 12.76 35.16 0.00 303 150 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.94 44.00 54.00 -10.00 31.74 34.70 12.73 35.17 0.00 303 150 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5180.00 99.70 ------ ------ 87.35 34.75 12.76 35.16 0.00 303 150 Average

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.94 52.00 74.00 -22.00 39.74 34.70 12.73 35.17 0.00 341 64 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 1 Setting : 15 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 103.37 ------ ------ 91.02 34.75 12.76 35.16 0.00 341 64 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.94 42.09 54.00 -11.91 29.83 34.70 12.73 35.17 0.00 341 64 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : PEAK Mode : 1 Setting : 15 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 96.44 ------ ------ 84.07 34.76 12.77 35.16 0.00 341 64 Average

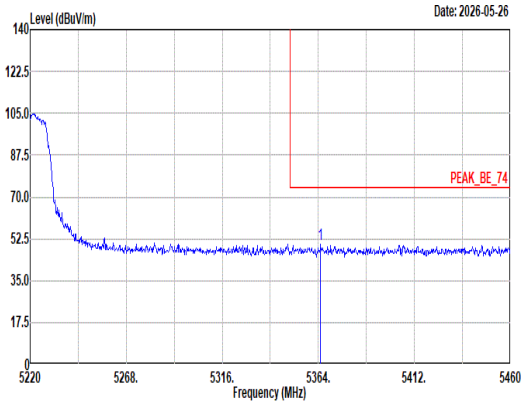
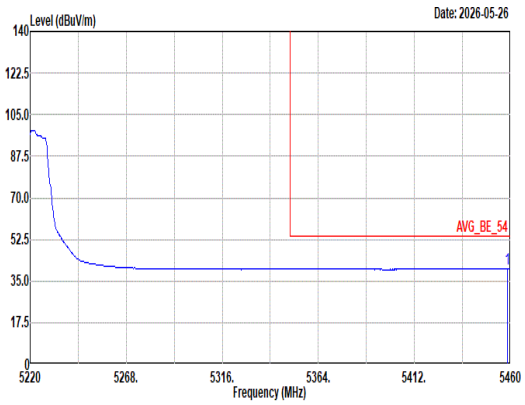
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 44.62 68.20 -23.58 46.83 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 46.87 74.00 -27.13 39.30 40.68 21.79 56.15 1.25 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 44.43 68.20 -23.77 46.64 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.40 74.00 -26.60 39.83 40.68 21.79 56.15 1.25 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

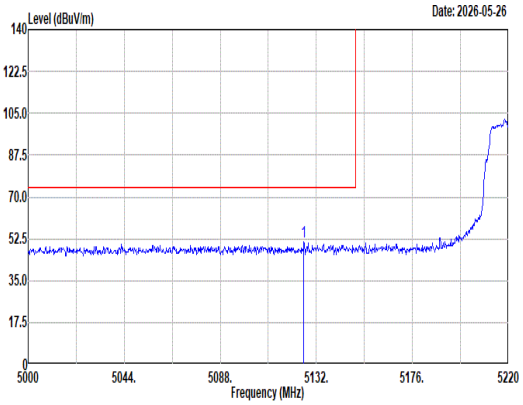
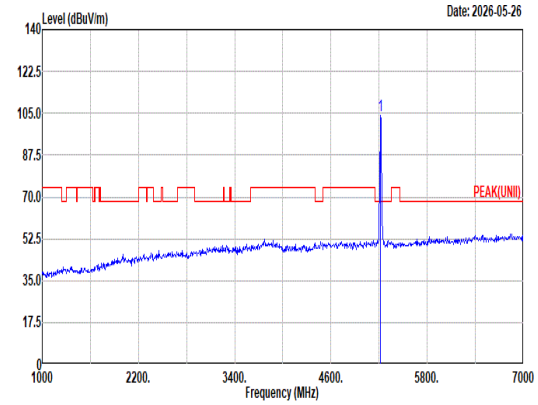
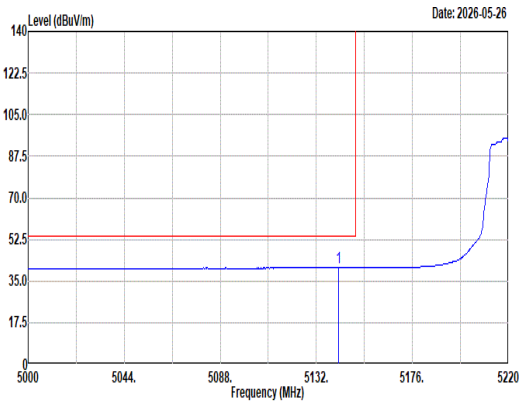
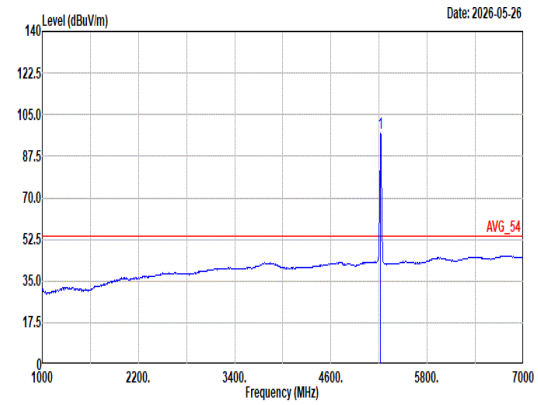
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5112.42 50.55 74.00 -23.45 38.65 34.40 12.68 35.18 0.00 300 149 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 107.76 ------ ------ 95.35 34.75 12.81 35.15 0.00 300 149 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5146.96 41.05 54.00 -12.95 28.81 34.68 12.73 35.17 0.00 300 149 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5220.00 100.04 ------ ------ 87.63 34.75 12.81 35.15 0.00 300 149 Average

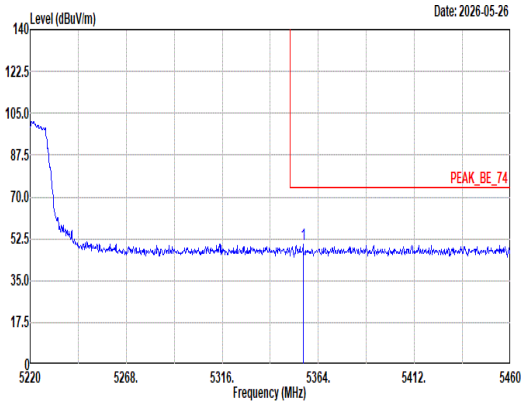
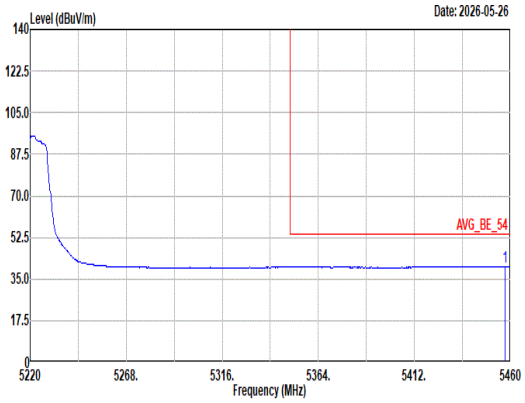
Remark: In the left figure, points 1 are the noise floor

Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5365.20 50.38 74.00 -23.62 37.51 35.04 12.95 35.12 0.00 300 149 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.32 40.23 54.00 -13.77 27.35 34.93 13.04 35.09 0.00 300 149 Average	Blank

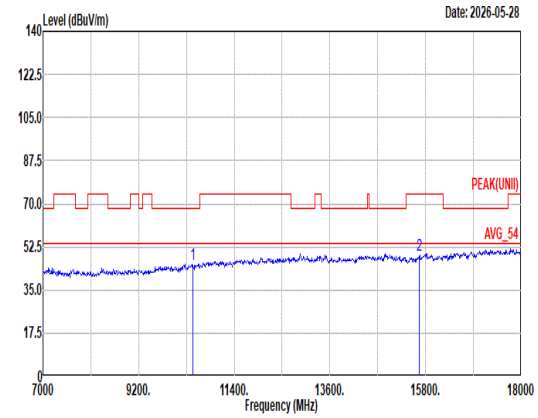
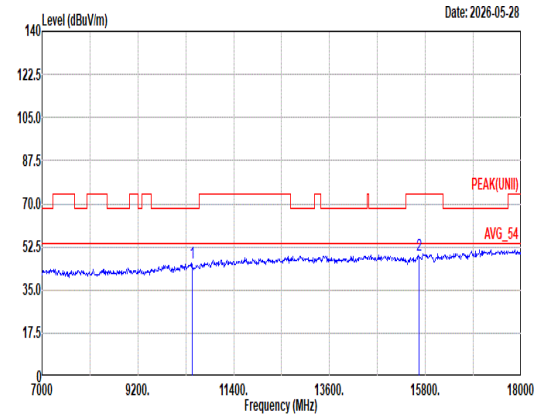
Remark: In the left figure, points 1 are the noise floor

Mode	2	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5126.28 51.37 74.00 -22.63 39.34 34.51 12.70 35.18 0.00 400 52 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 104.09 ------ ------ 91.67 34.76 12.81 35.15 0.00 400 52 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5142.34 40.71 54.00 -13.29 28.52 34.64 12.72 35.17 0.00 400 52 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5220.00 96.99 ------ ------ 84.57 34.76 12.81 35.15 0.00 400 52 Average

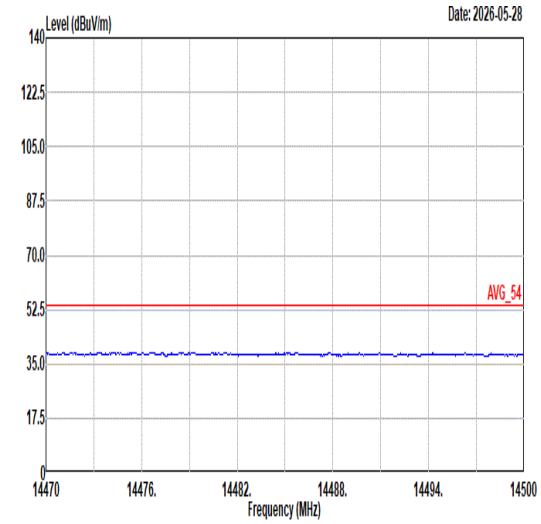
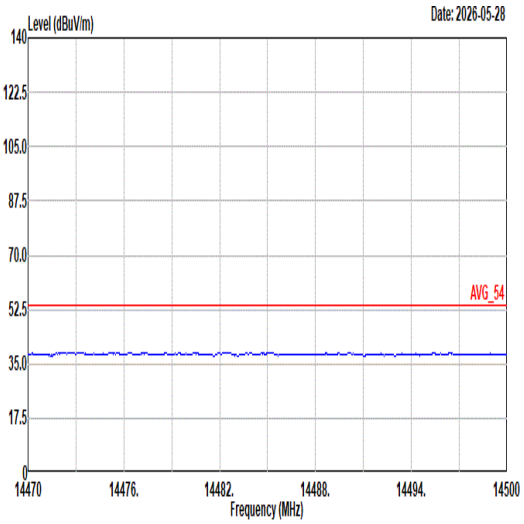
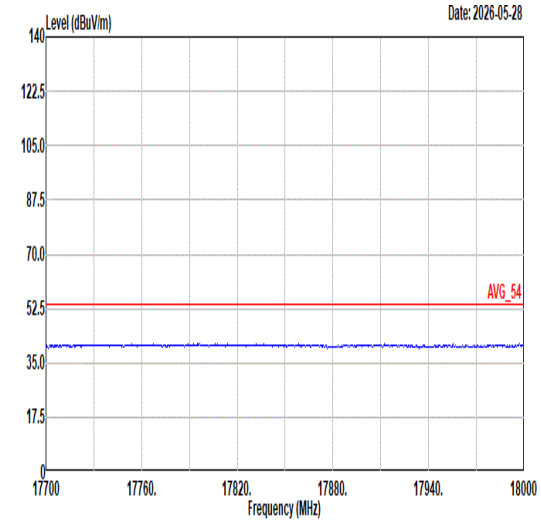
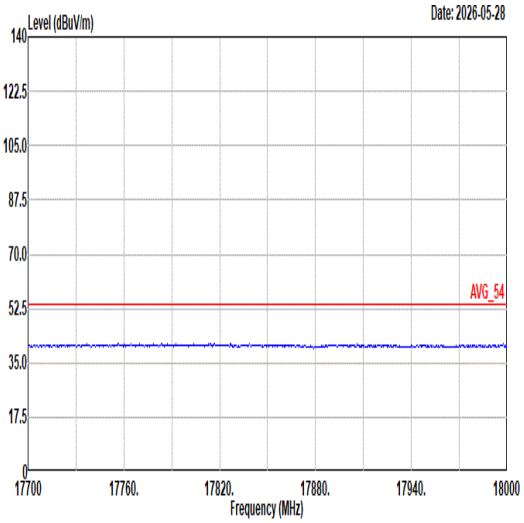
Remark: In the left figure, points 1 are the noise floor

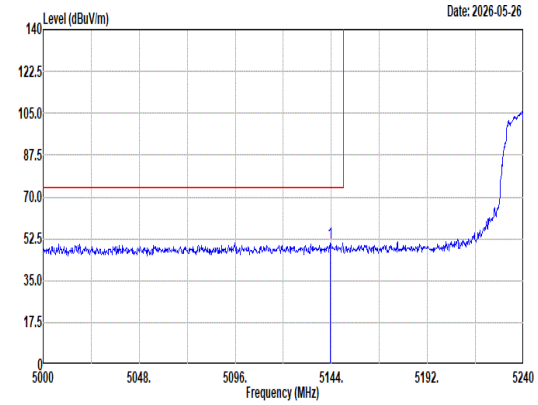
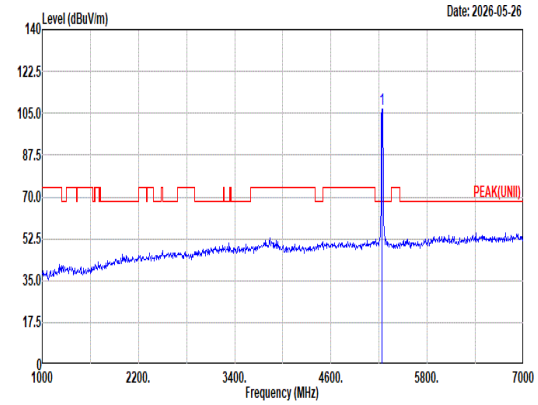
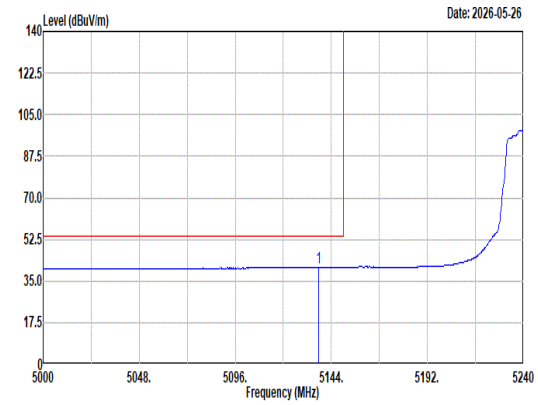
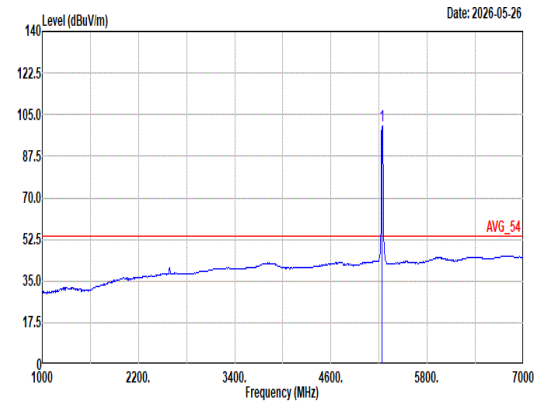
Mode	2	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5356.32 50.07 74.00 -23.93 37.18 35.07 12.94 35.12 0.00 400 52 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5457.12 40.24 54.00 -13.76 27.36 34.93 13.04 35.09 0.00 400 52 Average	Blank

Remark: In the left figure, points 1 are the noise floor

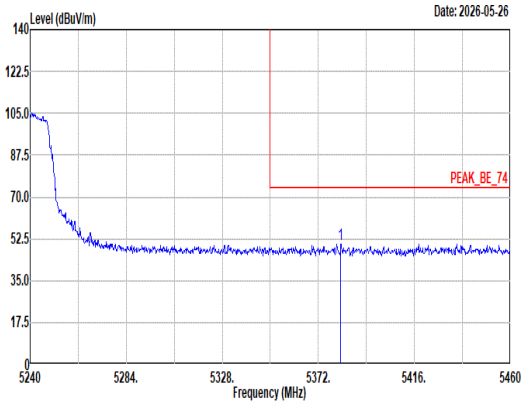
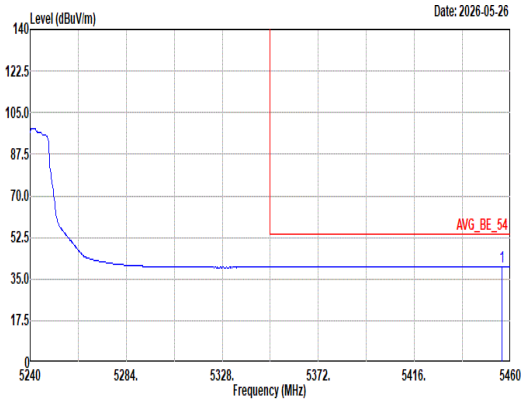
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 45.30 68.20 -22.90 47.48 37.62 17.72 58.68 1.16 -- -- Peak 2 15660.00 48.99 74.00 -25.01 41.35 40.68 21.86 56.14 1.24 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 45.75 68.20 -22.45 47.93 37.62 17.72 58.68 1.16 -- -- Peak 2 15660.00 48.93 74.00 -25.07 41.29 40.68 21.86 56.14 1.24 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

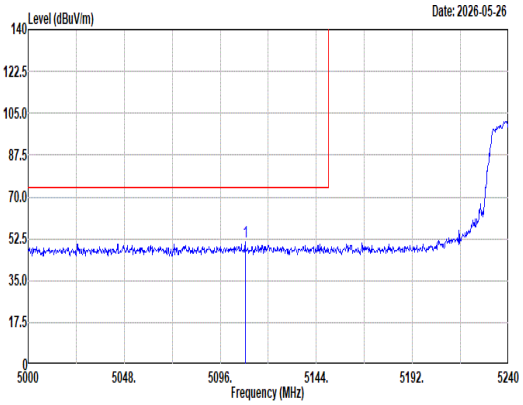
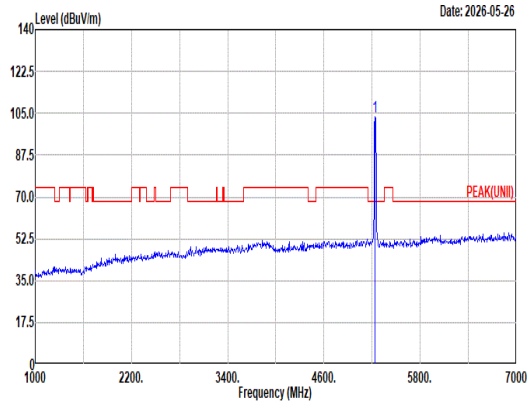
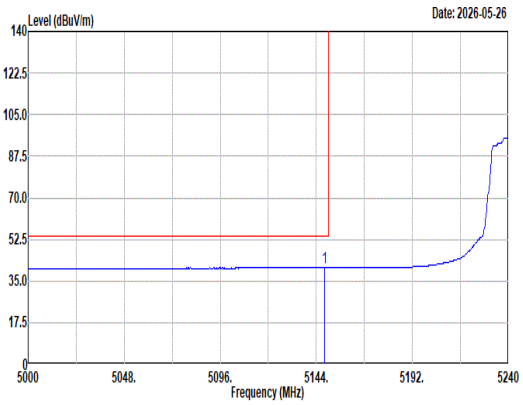
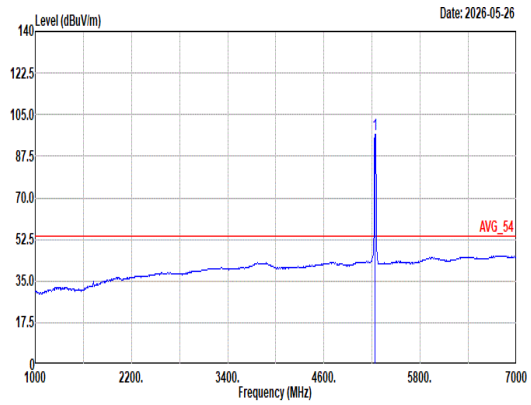
Mode	2	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5143.52 50.81 74.00 -23.19 38.61 34.65 12.72 35.17 0.00 392 149 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 106.79 ------ ------ 94.39 34.73 12.82 35.15 0.00 392 149 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5137.76 40.90 54.00 -13.10 28.75 34.60 12.72 35.17 0.00 392 149 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5240.00 100.23 ------ ------ 87.83 34.72 12.83 35.15 0.00 392 149 Average

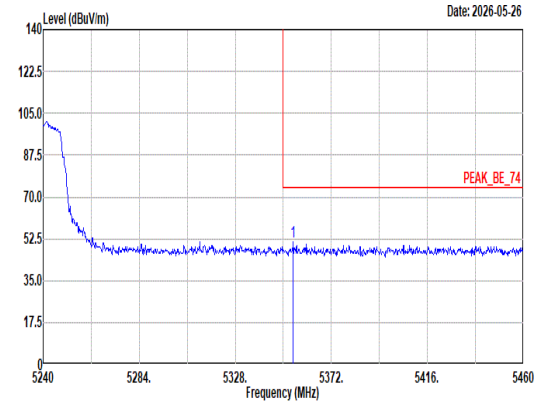
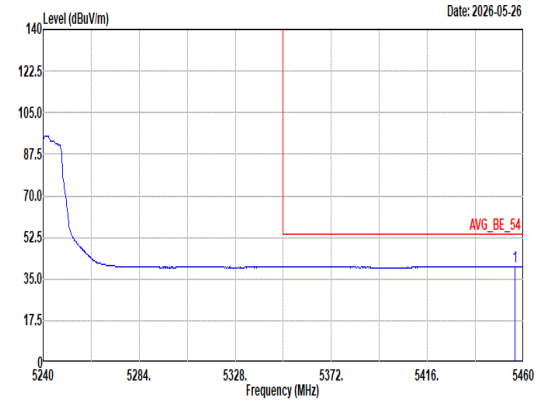
Remark: In the left figure, points 1 are the noise floor

Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5382.34 50.30 74.00 -23.70 37.48 34.97 12.96 35.11 0.00 392 149 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.26 40.25 54.00 -13.75 27.37 34.93 13.04 35.09 0.00 392 149 Average	Blank

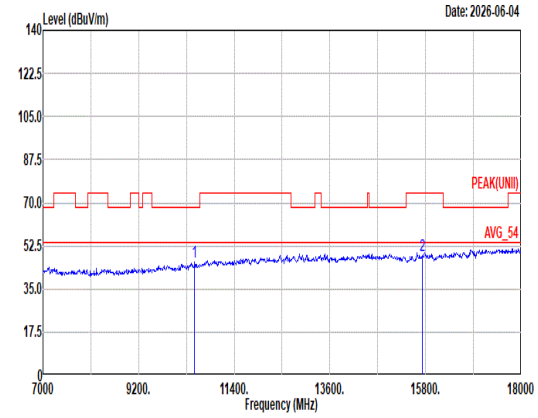
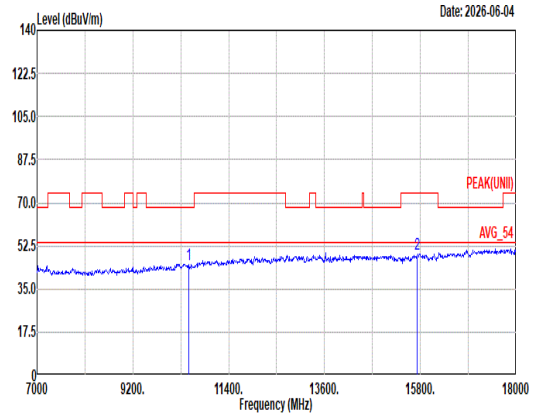
Remark: In the left figure, points 1 are the noise floor

Mode	3	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5108.48 51.44 74.00 -22.56 39.57 34.37 12.68 35.18 0.00 400 66 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 103.51 ------ ------ 91.11 34.73 12.82 35.15 0.00 400 66 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5148.08 40.68 54.00 -13.32 28.44 34.68 12.73 35.17 0.00 400 66 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5240.00 96.82 ------ ------ 84.42 34.72 12.83 35.15 0.00 400 66 Average

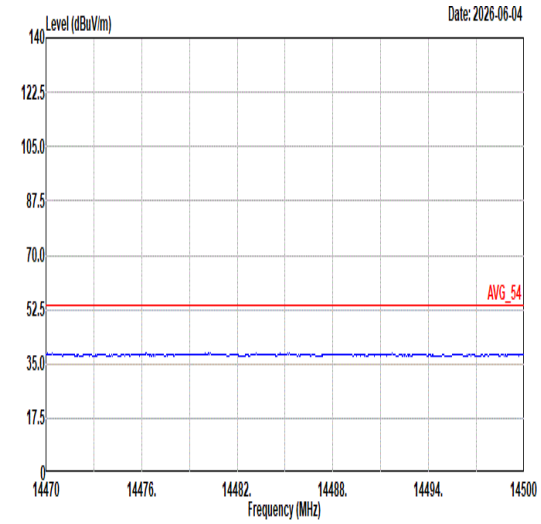
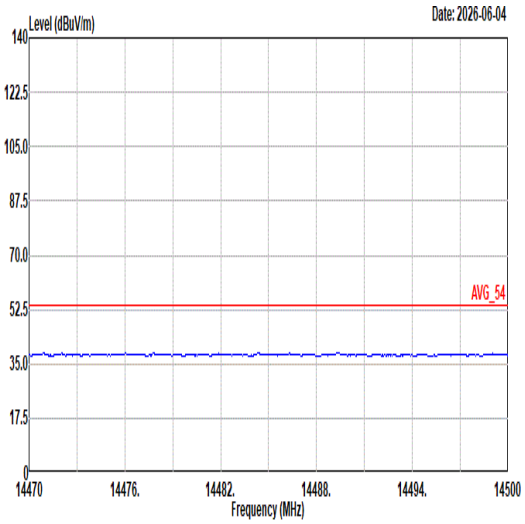
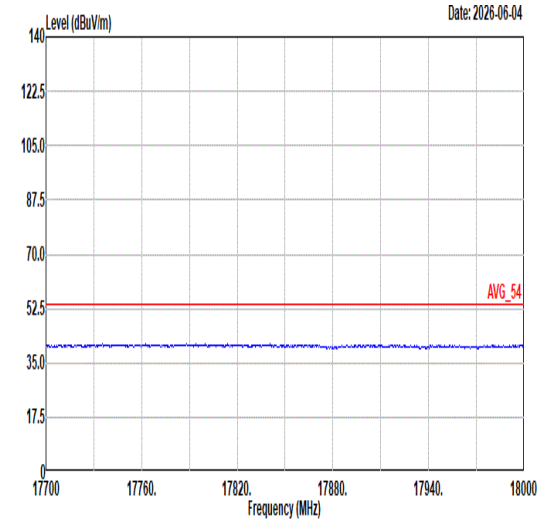
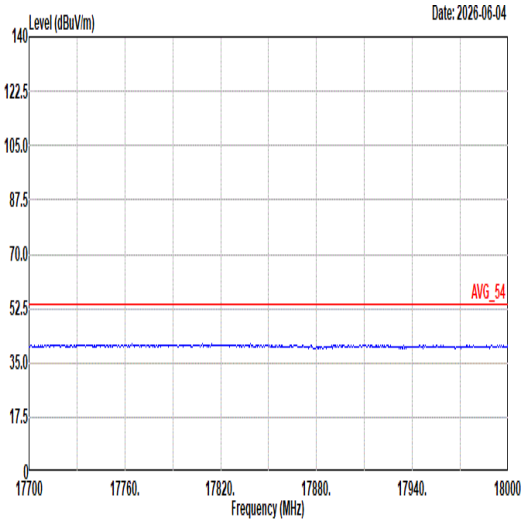
Remark: In the left figure, points 1 are the noise floor

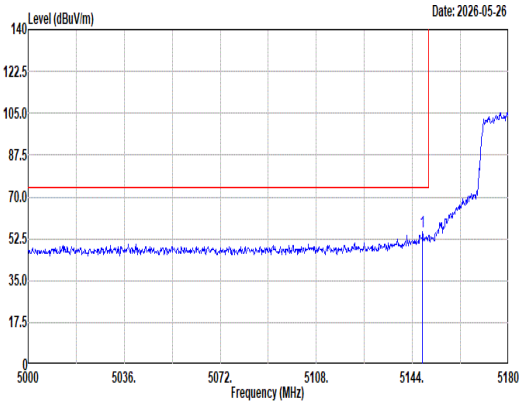
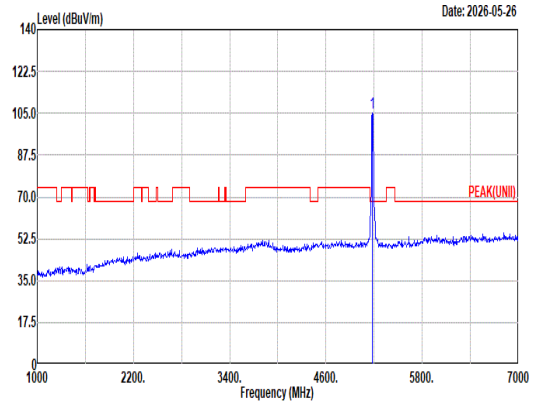
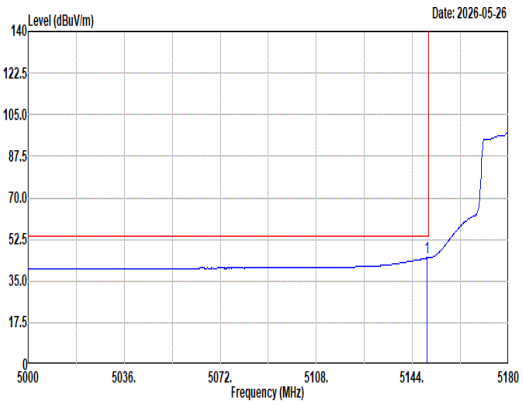
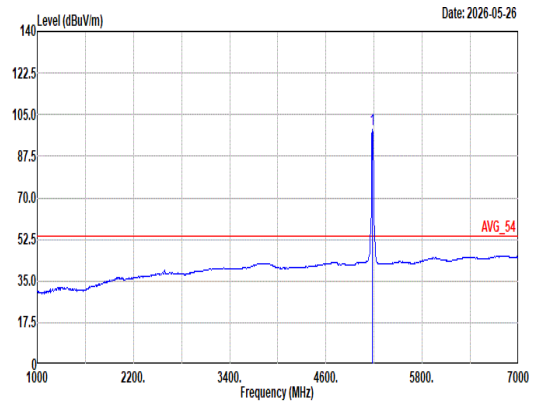
Mode	3	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5354.62 51.22 74.00 -22.78 38.32 35.08 12.94 35.12 0.00 400 66 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.04 40.21 54.00 -13.79 27.34 34.92 13.04 35.09 0.00 400 66 Average	Blank

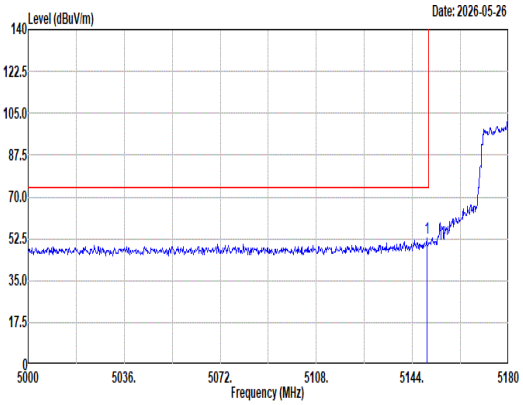
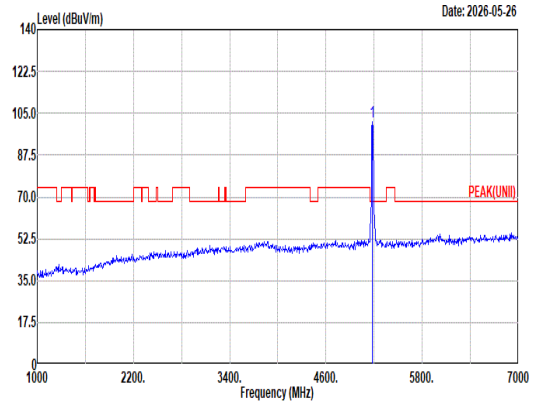
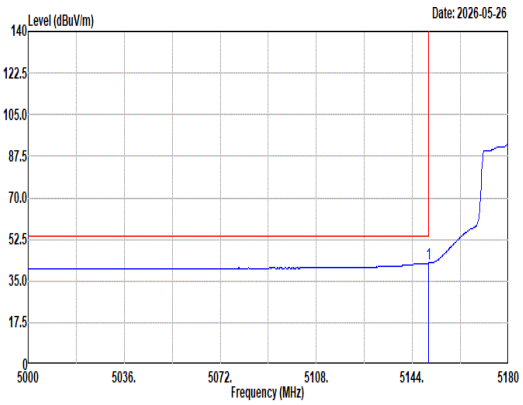
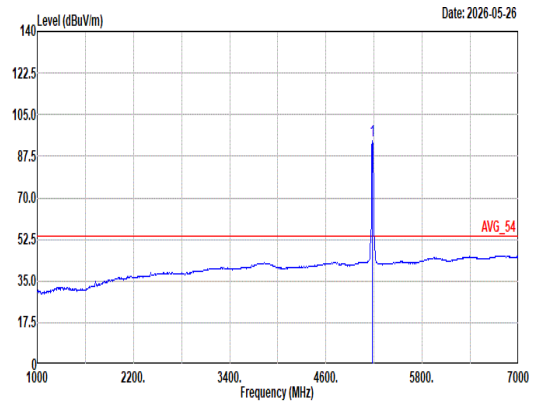
Remark: In the left figure, points 1 are the noise floor

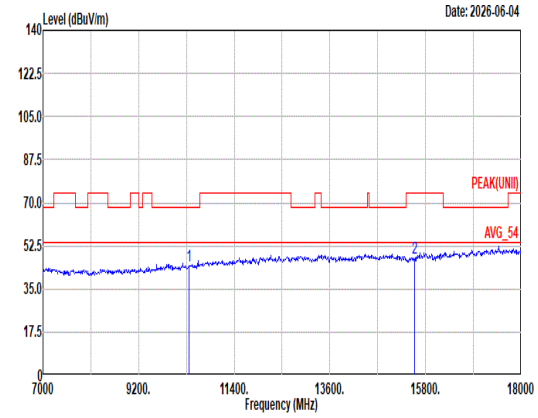
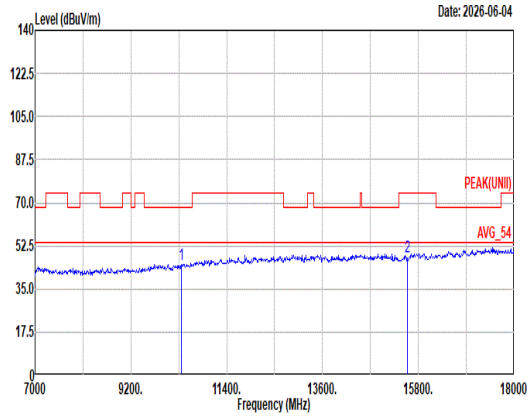
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10480.00 45.80 68.20 -22.40 47.85 37.66 17.76 58.63 1.16 -- -- Peak 2 15720.00 48.75 74.00 -25.25 40.68 41.08 21.89 56.14 1.24 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10480.00 44.77 68.20 -23.43 46.82 37.66 17.76 58.63 1.16 -- -- Peak 2 15720.00 49.20 74.00 -24.80 41.13 41.08 21.89 56.14 1.24 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

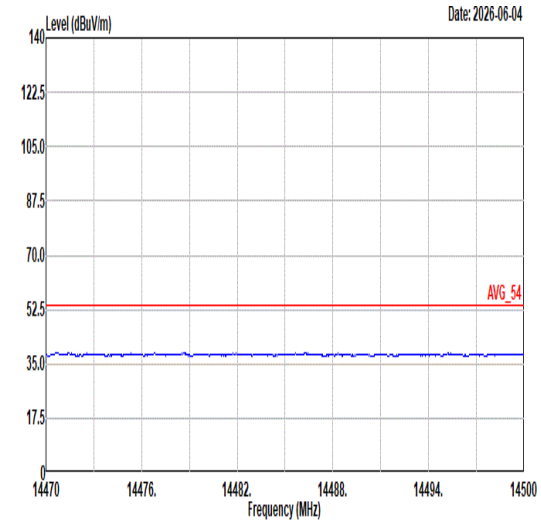
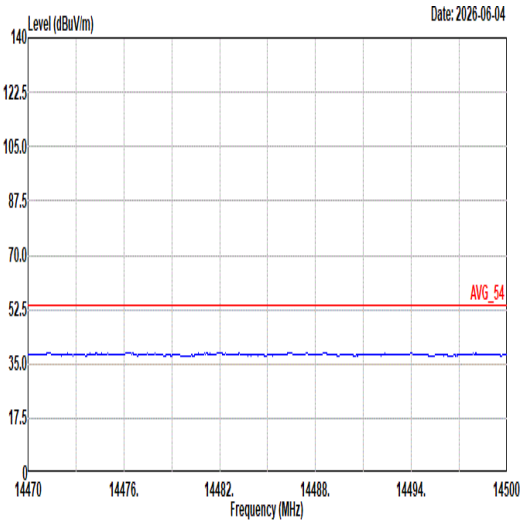
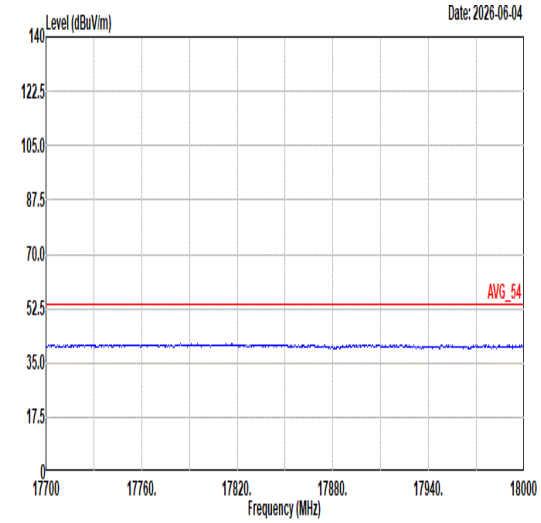
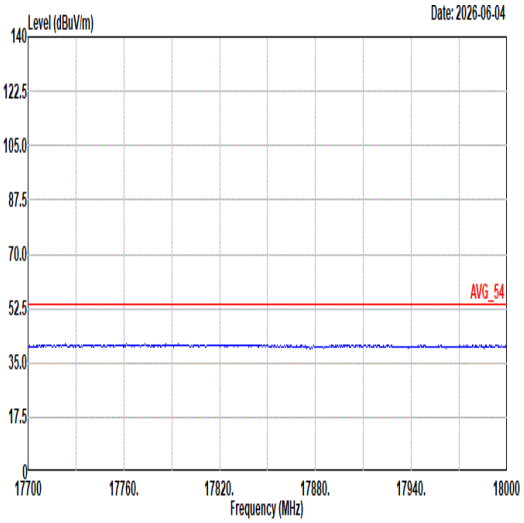
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

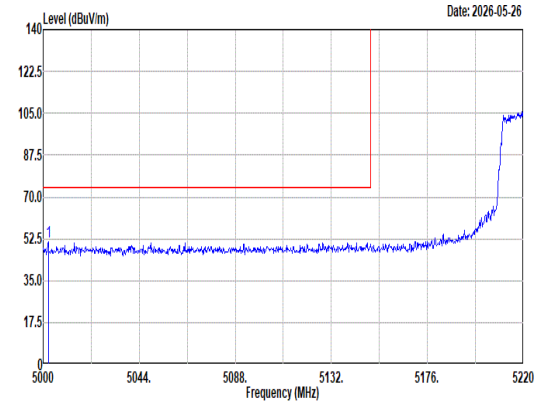
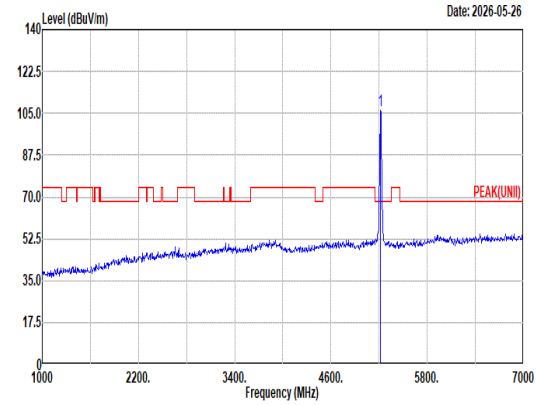
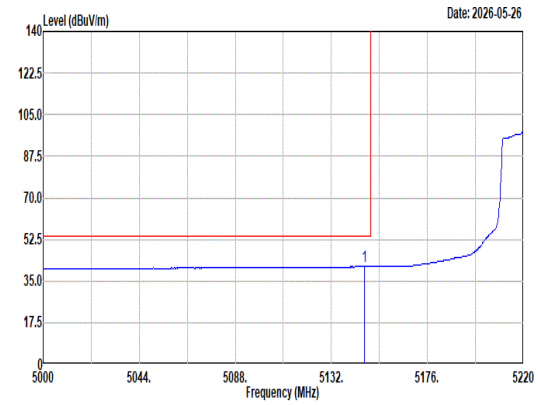
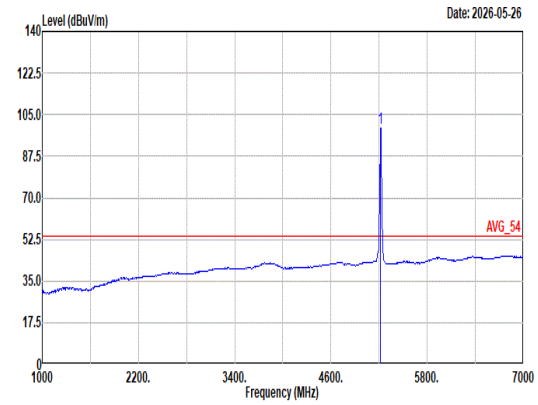
Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5147.78 55.46 74.00 -18.54 43.22 34.68 12.73 35.17 0.00 340 158 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 104.89 ------ ------ 92.52 34.76 12.77 35.16 0.00 340 158 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.58 44.70 54.00 -9.30 32.44 34.70 12.73 35.17 0.00 340 158 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5180.00 99.00 ------ ------ 86.63 34.76 12.77 35.16 0.00 340 158 Average

Mode	4	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.40 52.65 74.00 -21.35 40.39 34.70 12.73 35.17 0.00 300 72 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 101.67 ------ ------ 89.30 34.76 12.77 35.16 0.00 300 72 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.94 42.53 54.00 -11.47 30.27 34.70 12.73 35.17 0.00 300 72 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5180.00 94.18 ------ ------ 81.81 34.76 12.77 35.16 0.00 300 72 Average

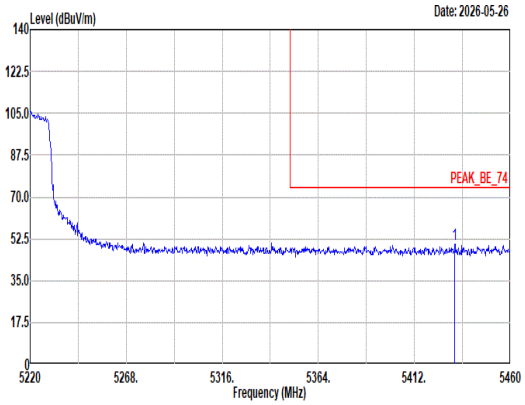
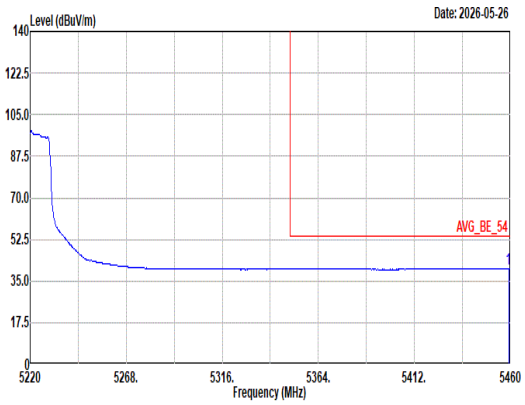
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 44.36 68.20 -23.84 46.57 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.48 74.00 -26.52 39.91 40.68 21.79 56.15 1.25 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 45.04 68.20 -23.16 47.25 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.83 74.00 -26.17 40.26 40.68 21.79 56.15 1.25 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

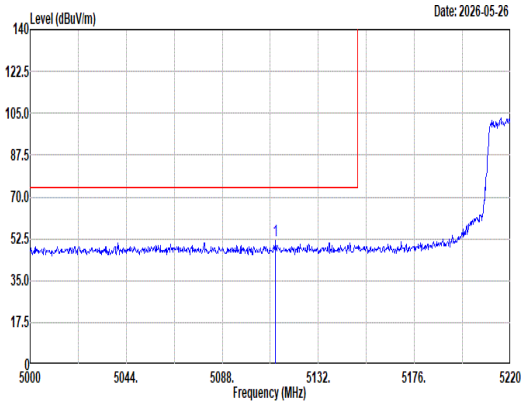
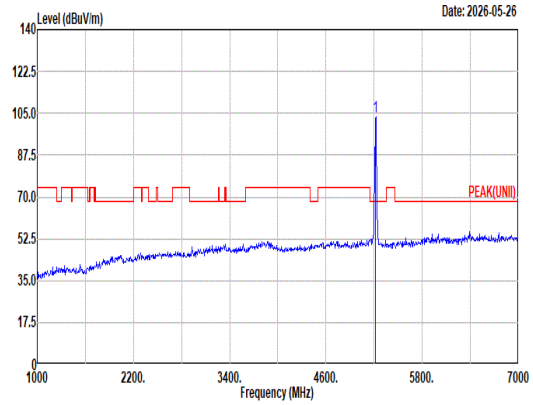
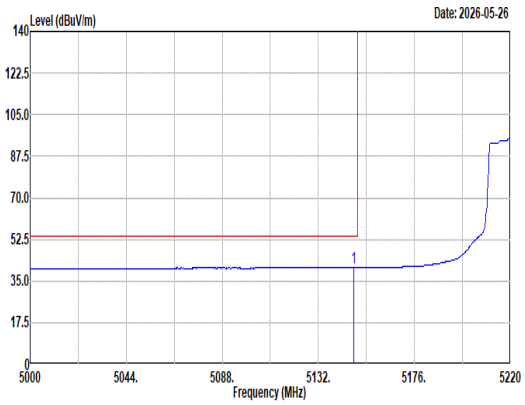
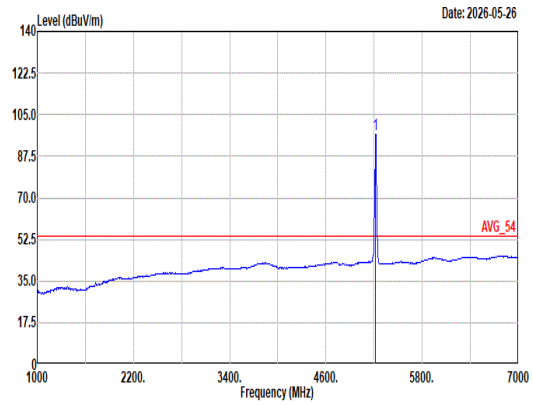
Mode	4	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5002.42 50.99 74.00 -23.01 38.96 34.69 12.55 35.21 0.00 300 151 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 106.03 ------ ------ 93.61 34.76 12.81 35.15 0.00 300 151 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5147.18 41.05 54.00 -12.95 28.81 34.68 12.73 35.17 0.00 300 151 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5220.00 99.48 ------ ------ 87.06 34.76 12.81 35.15 0.00 300 151 Average

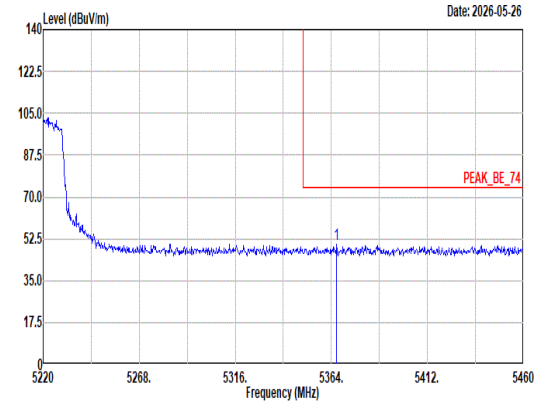
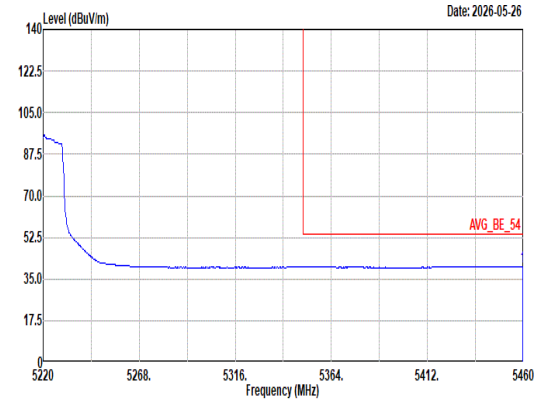
Remark: In the left figure, points 1 are the noise floor

Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5432.16 50.24 74.00 -23.76 37.43 34.90 13.01 35.10 0.00 300 151 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5459.04 40.23 54.00 -13.77 27.34 34.94 13.04 35.09 0.00 300 151 Average	Blank

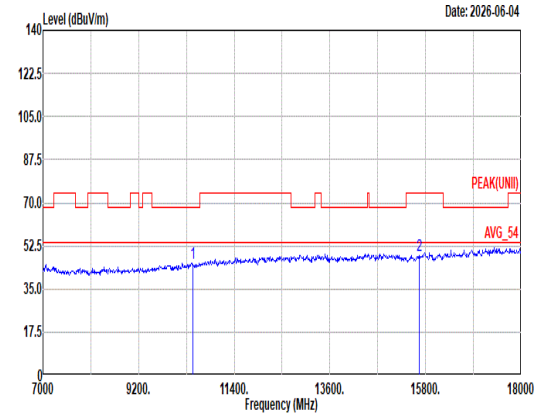
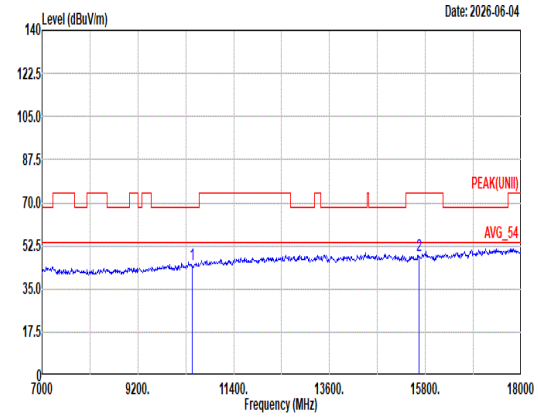
Remark: In the left figure, points 1 are the noise floor

ode	5	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5112.42 51.80 74.00 -22.20 39.90 34.40 12.68 35.18 0.00 400 55 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5220.00 103.39 ------ ------ 90.98 34.75 12.81 35.15 0.00 400 55 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5148.06 40.75 54.00 -13.25 28.51 34.68 12.73 35.17 0.00 400 55 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5220.00 96.83 ------ ------ 84.41 34.76 12.81 35.15 0.00 400 55 Average

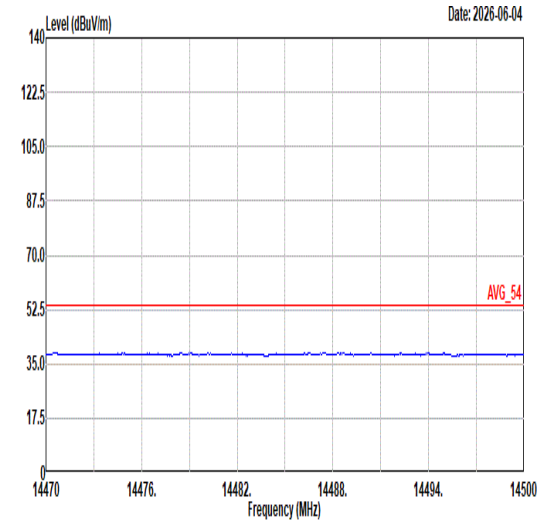
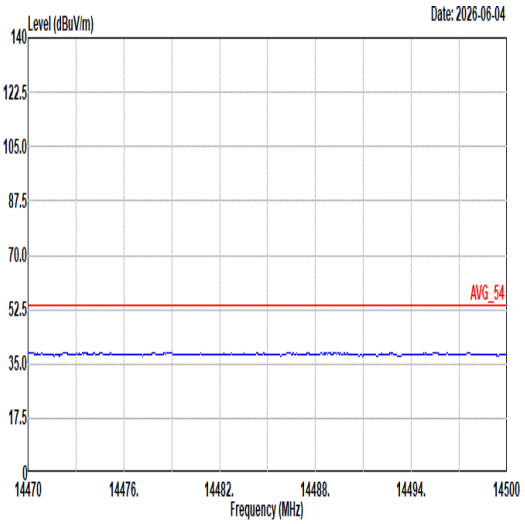
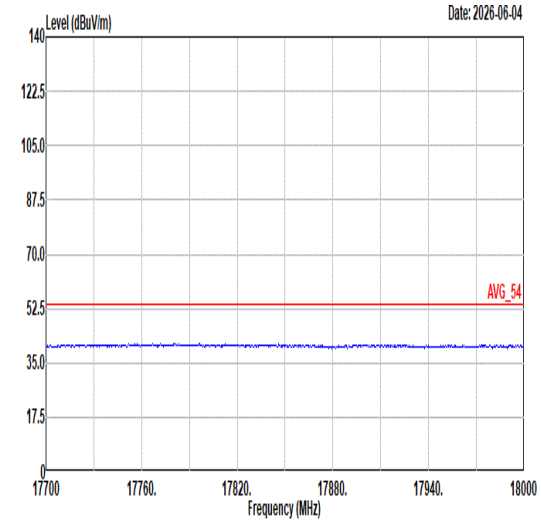
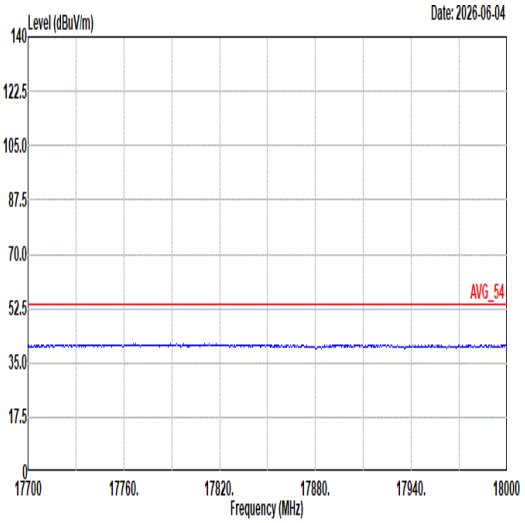
Remark: In the left figure, points 1 are the noise floor

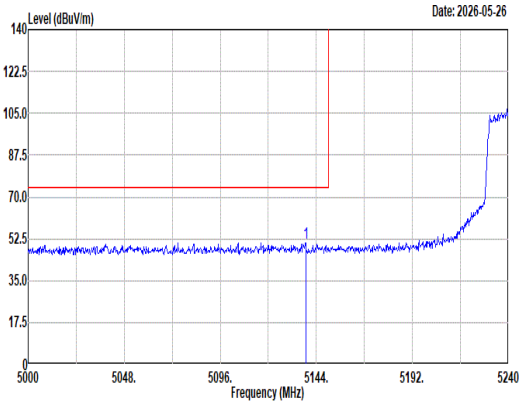
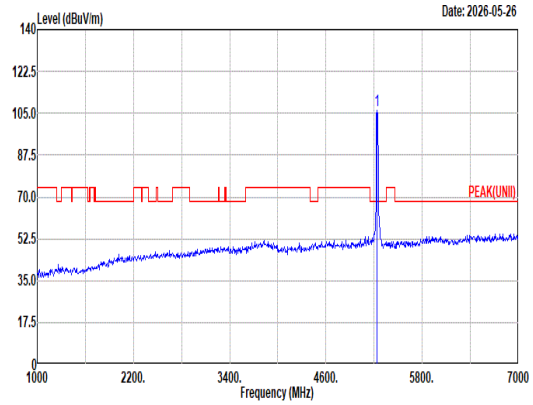
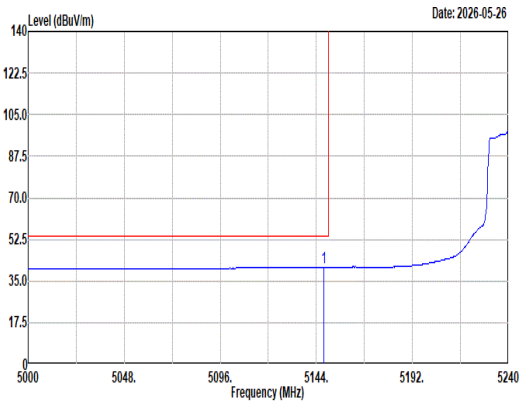
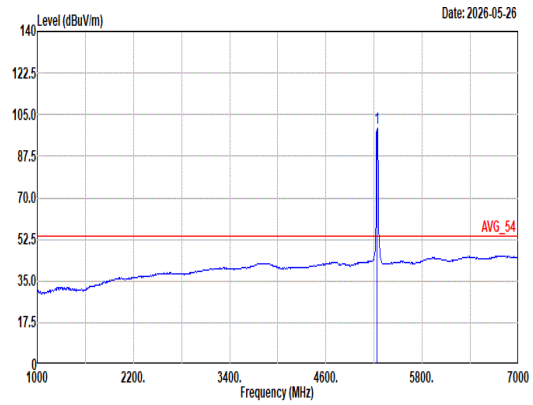
Mode	5	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5366.64 50.03 74.00 -23.97 37.16 35.03 12.95 35.11 0.00 400 55 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5459.76 40.21 54.00 -13.79 27.32 34.94 13.04 35.09 0.00 400 55 Average	Blank

Remark: In the left figure, points 1 are the noise floor

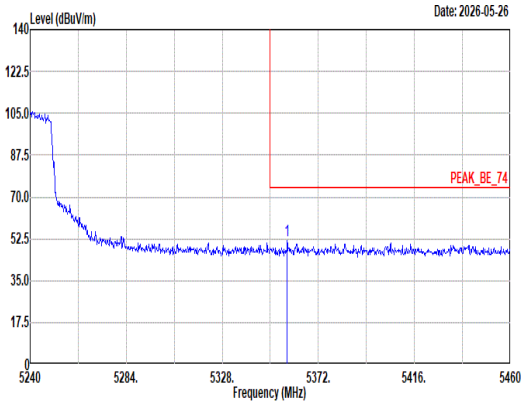
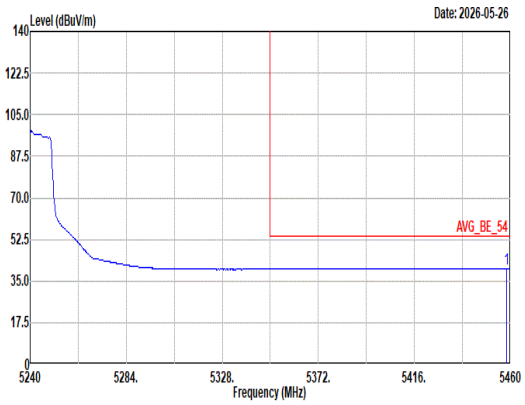
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 45.32 68.20 -22.88 47.50 37.62 17.72 58.68 1.16 -- -- Peak 2 15660.00 48.69 74.00 -25.31 41.05 40.68 21.86 56.14 1.24 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10440.00 44.70 68.20 -23.50 46.88 37.62 17.72 58.68 1.16 -- -- Peak 2 15660.00 48.49 74.00 -25.51 40.85 40.68 21.86 56.14 1.24 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

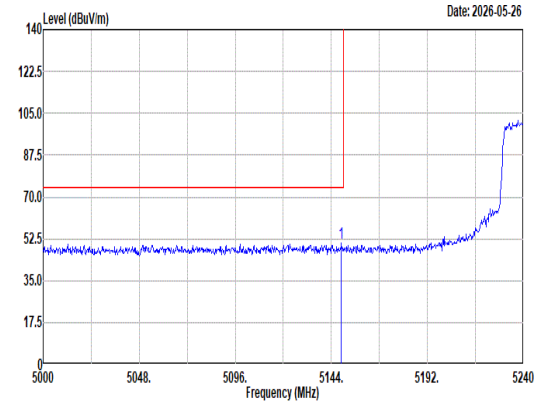
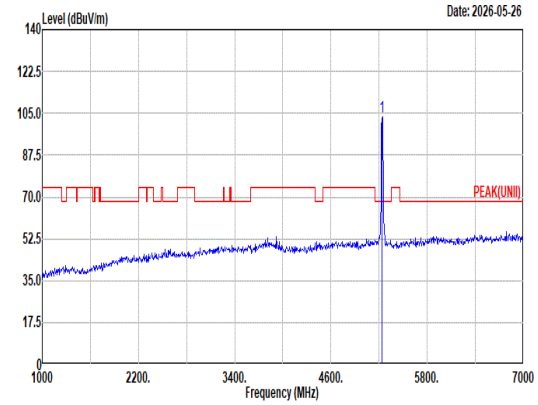
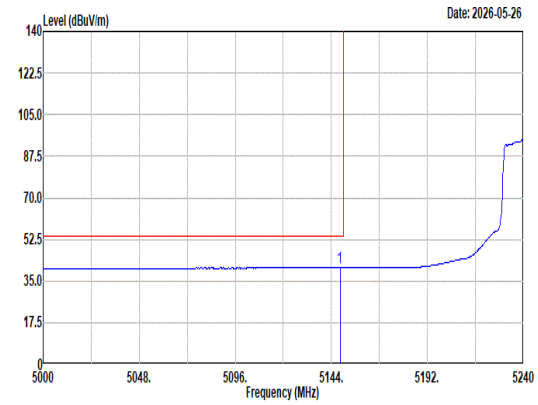
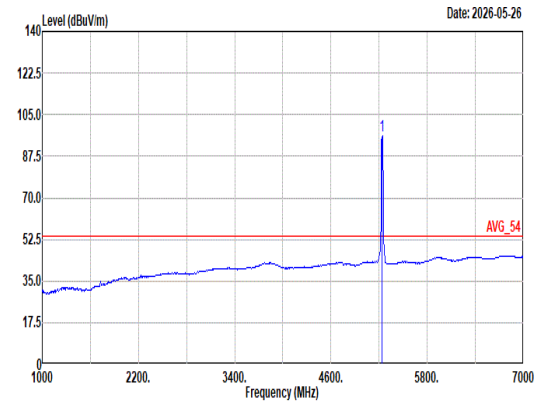
Mode	5	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH44_Full RU_5220MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5138.72 50.79 74.00 -23.21 38.63 34.61 12.72 35.17 0.00 391 150 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 106.11 ------ ------ 93.71 34.73 12.82 35.15 0.00 391 150 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5147.60 40.87 54.00 -13.13 28.63 34.68 12.73 35.17 0.00 391 150 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5240.00 99.48 ------ ------ 87.08 34.72 12.83 35.15 0.00 391 150 Average

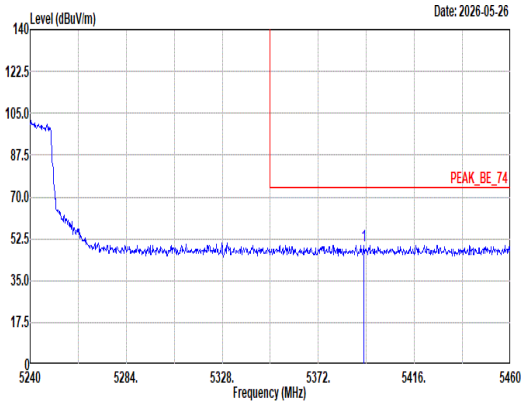
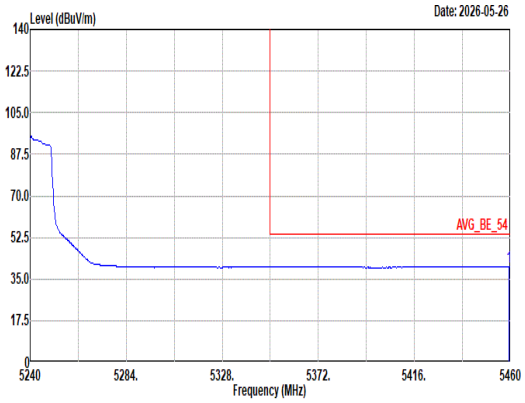
Remark: In the left figure, points 1 are the noise floor

Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5357.70 51.82 74.00 -22.18 38.93 35.07 12.94 35.12 0.00 391 150 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.24 40.25 54.00 -13.75 27.37 34.93 13.04 35.09 0.00 391 150 Average	Blank

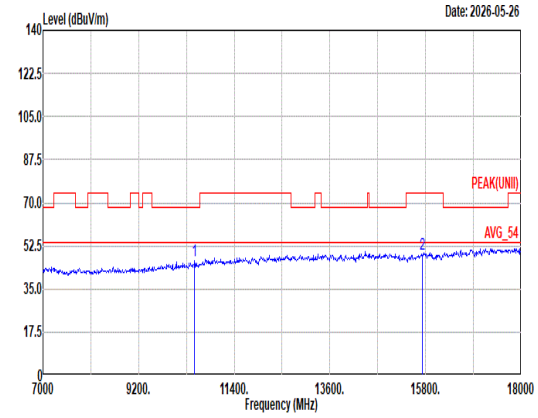
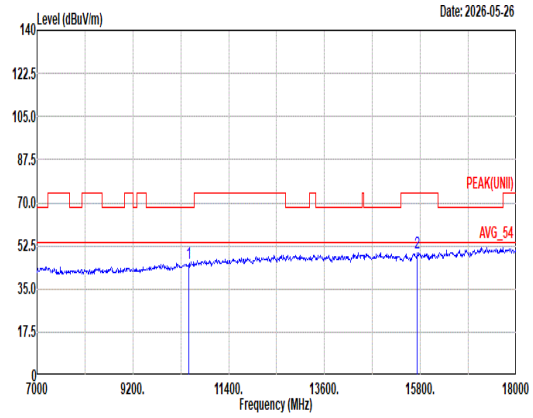
Remark: In the left figure, points 1 are the noise floor

Mode	6	
	Band Edge - L	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.04 50.48 74.00 -23.52 38.23 34.69 12.73 35.17 0.00 400 67 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5240.00 103.64 ------ ------ 91.24 34.72 12.83 35.15 0.00 400 67 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5148.32 40.70 54.00 -13.30 28.45 34.69 12.73 35.17 0.00 400 67 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5240.00 96.22 ------ ------ 83.82 34.72 12.83 35.15 0.00 400 67 Average

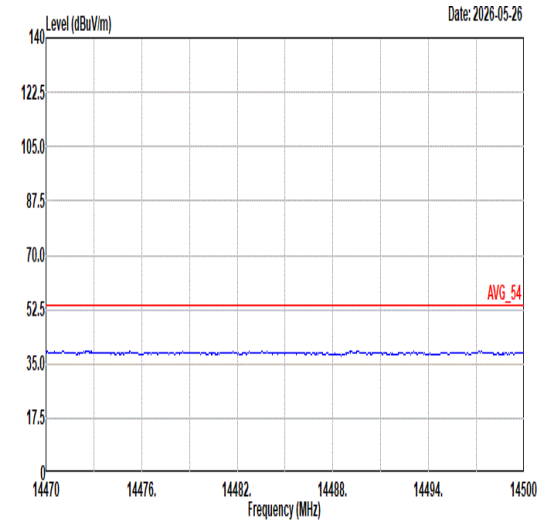
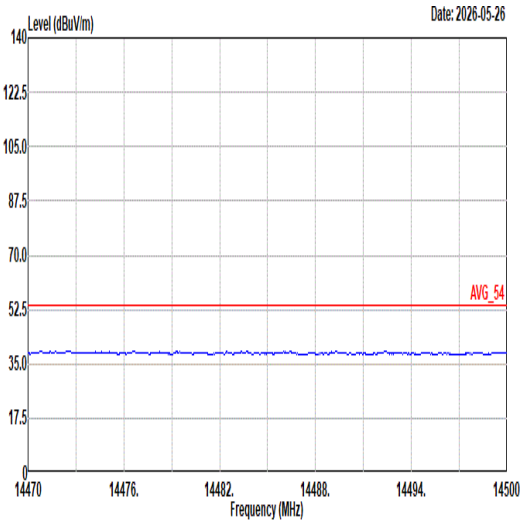
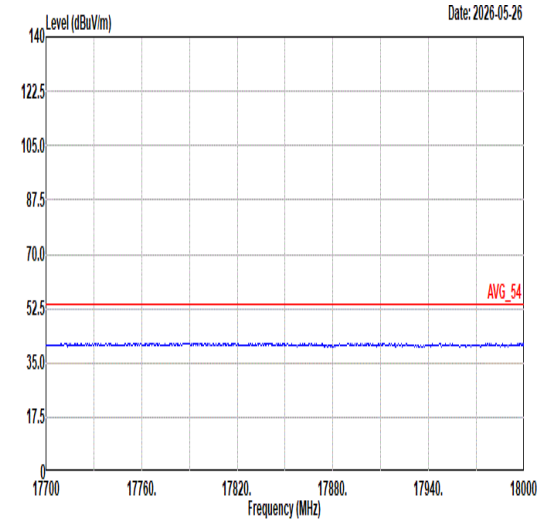
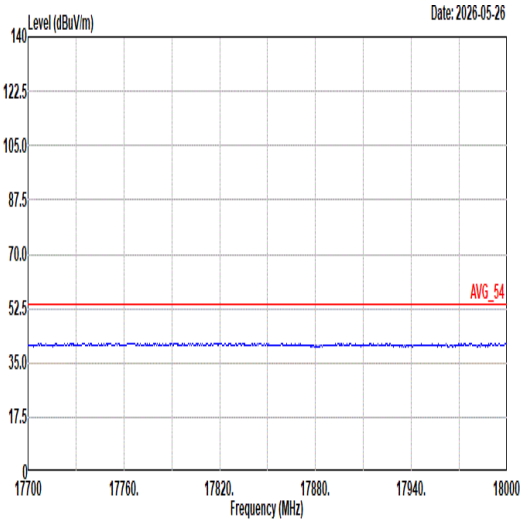
Remark: In the left figure, points 1 are the noise floor

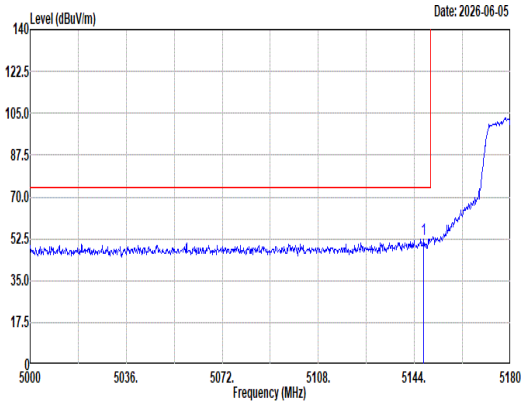
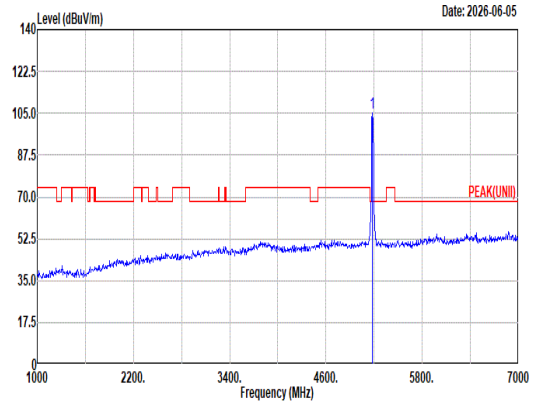
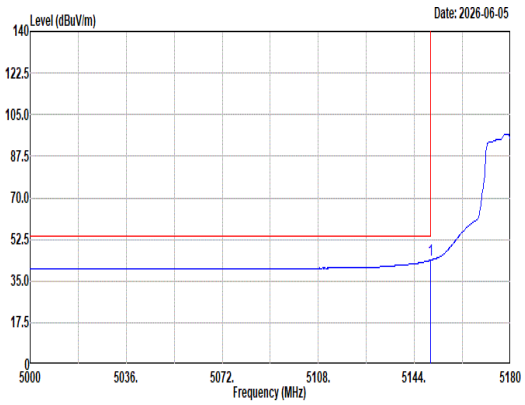
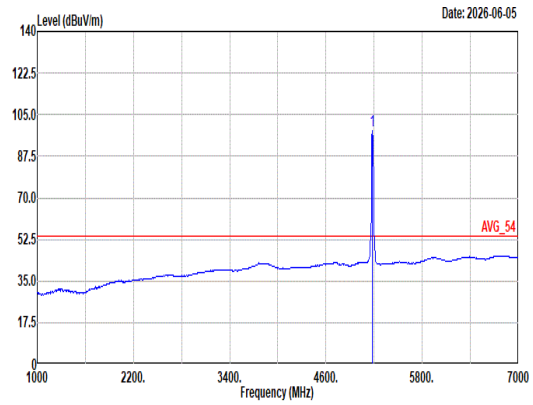
Mode	6	
	Band Edge - R	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5392.68 49.80 74.00 -24.20 37.01 34.93 12.97 35.11 0.00 400 67 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5459.34 40.27 54.00 -13.73 27.38 34.94 13.04 35.09 0.00 400 67 Average	Blank

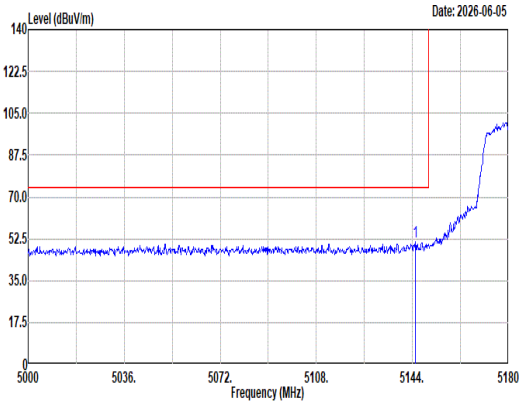
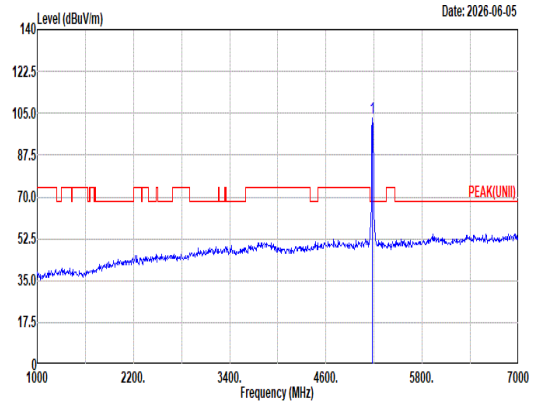
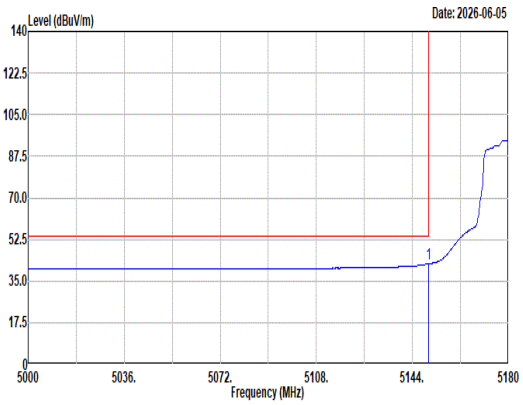
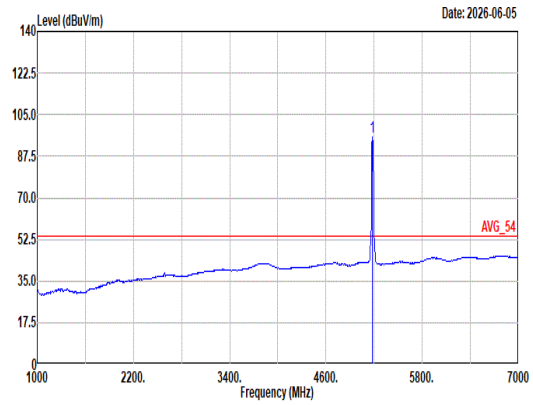
Remark: In the left figure, points 1 are the noise floor

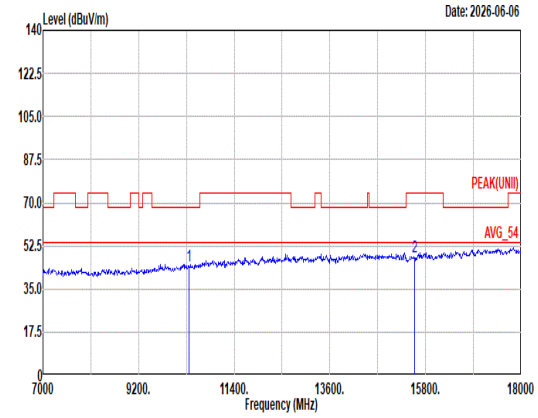
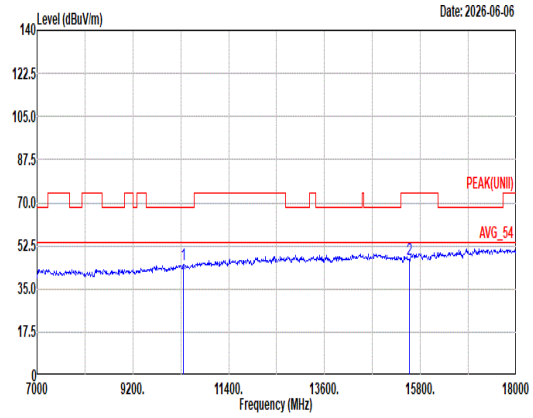
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10480.00 46.48 68.20 -21.72 48.53 37.66 17.76 58.63 1.16 -- -- Peak 2 15720.00 49.33 74.00 -24.67 41.26 41.08 21.89 56.14 1.24 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10480.00 45.67 68.20 -22.53 47.72 37.66 17.76 58.63 1.16 -- -- Peak 2 15720.00 49.48 74.00 -24.52 41.41 41.08 21.89 56.14 1.24 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

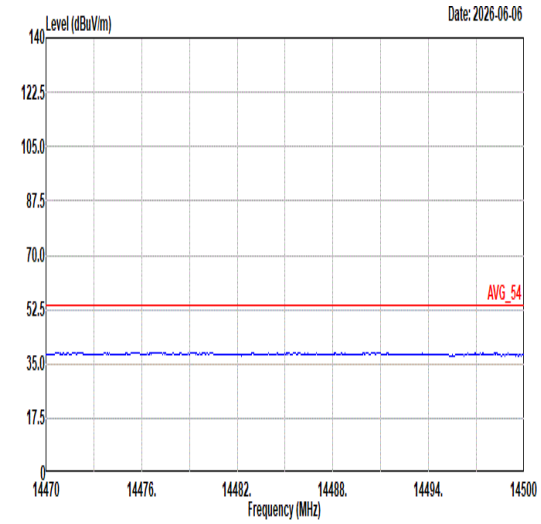
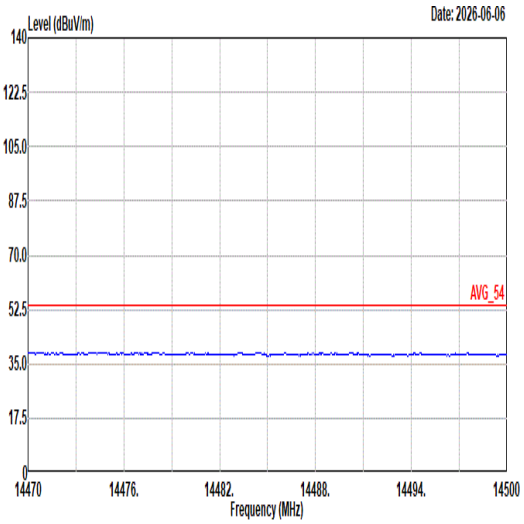
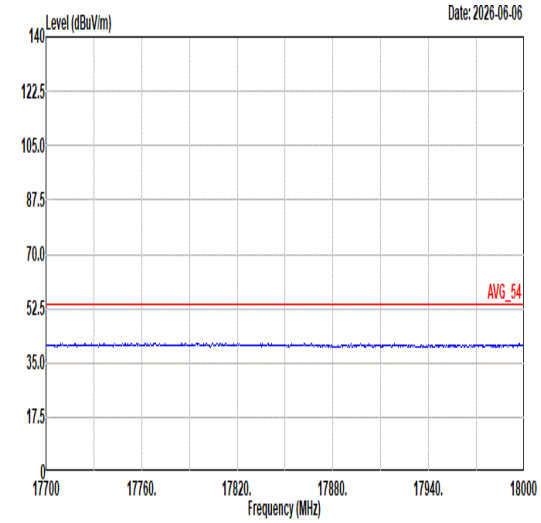
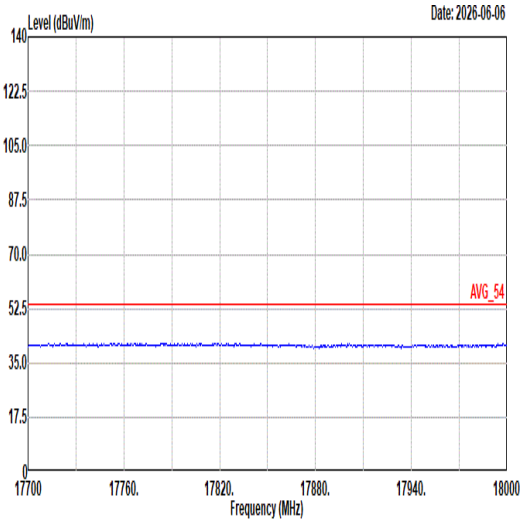
Mode	6	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH48_Full RU_5240MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

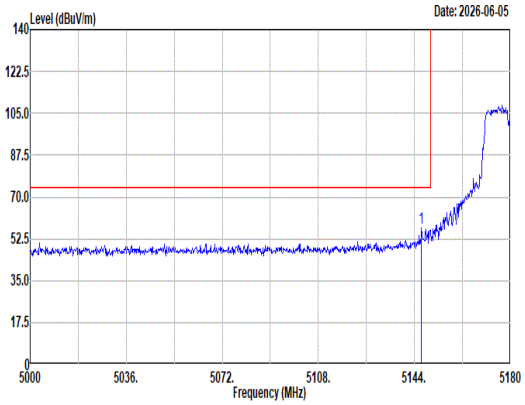
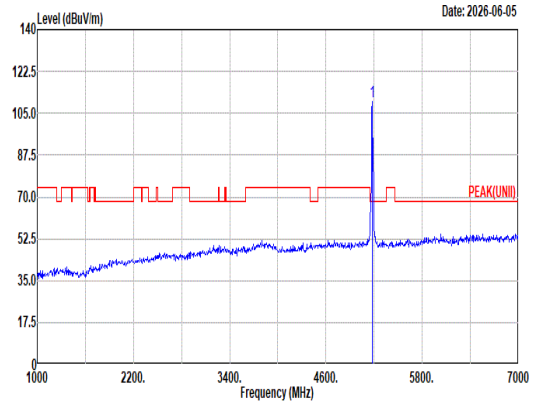
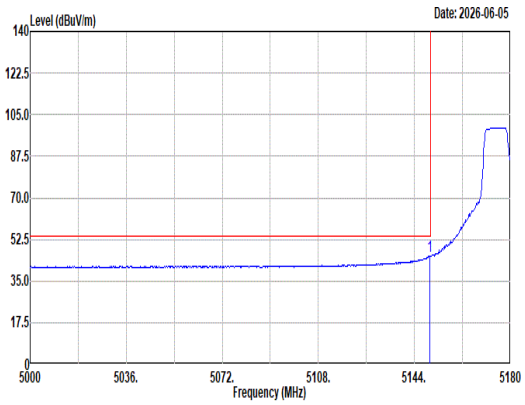
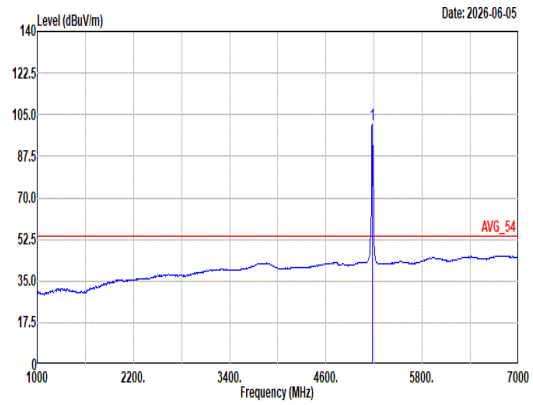
Mode	7	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5147.42 52.49 74.00 -21.51 40.25 34.68 12.73 35.17 0.00 386 144 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5180.00 105.24 ------ ------ 92.89 34.75 12.76 35.16 0.00 386 144 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5149.94 43.72 54.00 -10.28 31.46 34.70 12.73 35.17 0.00 386 144 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5180.00 98.04 ------ ------ 85.69 34.75 12.76 35.16 0.00 386 144 Average

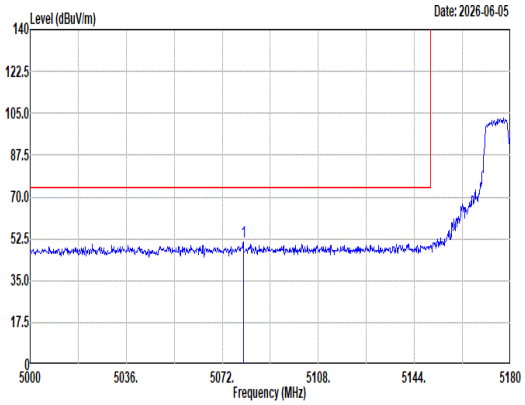
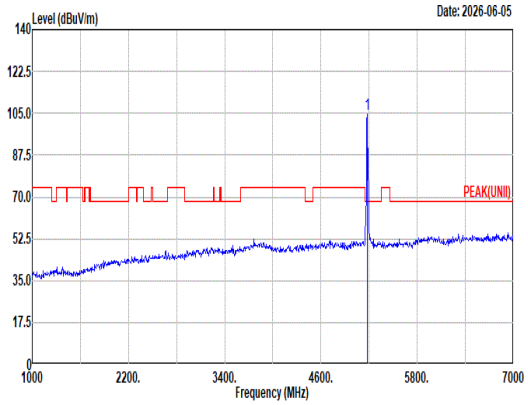
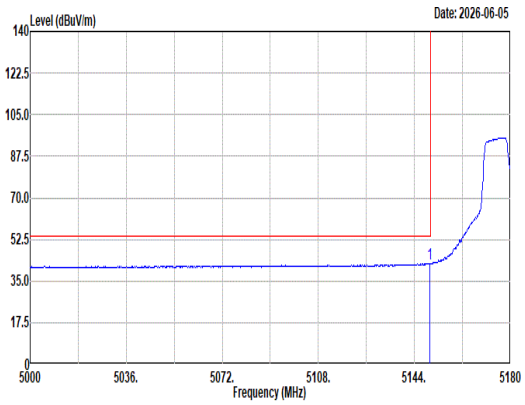
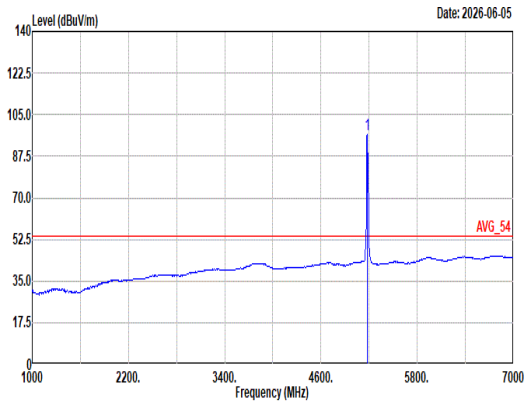
Mode	7	
	Band Edge	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5145.08 51.04 74.00 -22.96 38.83 34.66 12.72 35.17 0.00 382 54 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 103.25 ------ ------ 90.88 34.76 12.77 35.16 0.00 382 54 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.94 42.26 54.00 -11.74 30.00 34.70 12.73 35.17 0.00 382 54 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5180.00 95.63 ------ ------ 83.28 34.75 12.76 35.16 0.00 382 54 Average

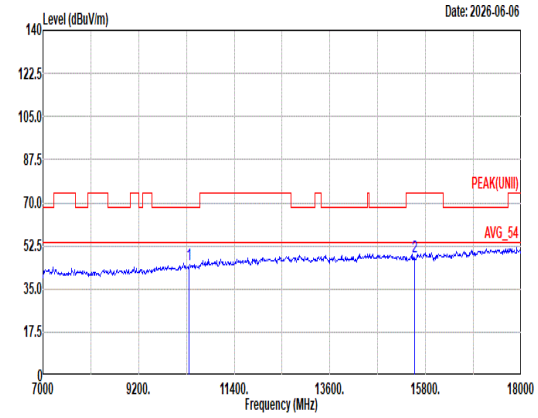
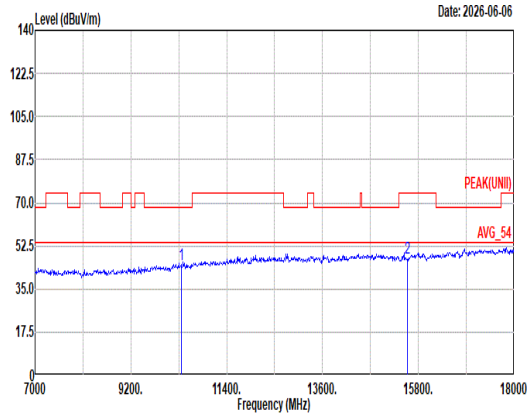
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 44.46 68.20 -23.74 46.67 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.82 74.00 -26.18 40.25 40.68 21.79 56.15 1.25 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10360.00 44.94 68.20 -23.26 47.15 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.25 74.00 -26.75 39.68 40.68 21.79 56.15 1.25 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

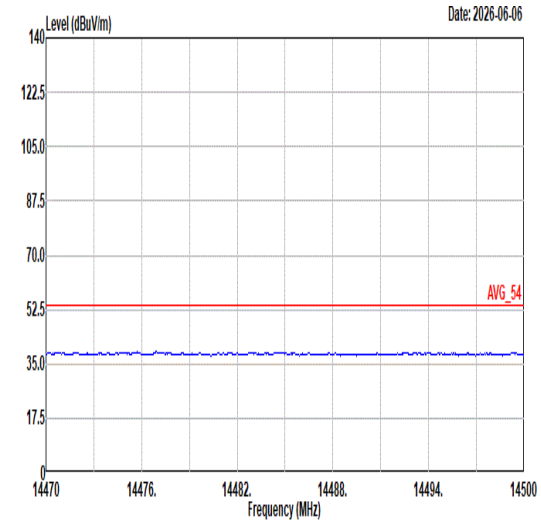
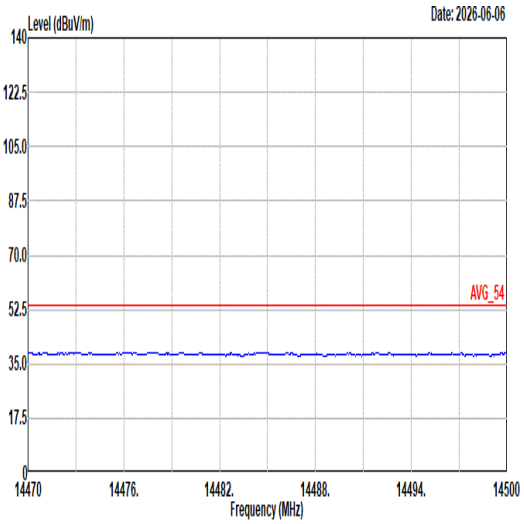
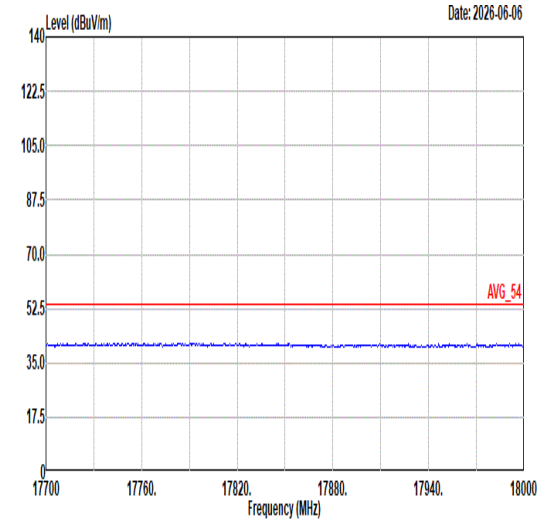
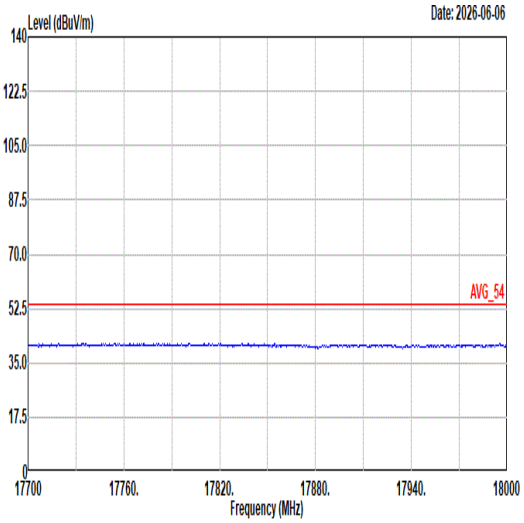
Mode	7	
	Harmonic	
	U-NII-1_5.15-5.25_802.11n HT20_CH36_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

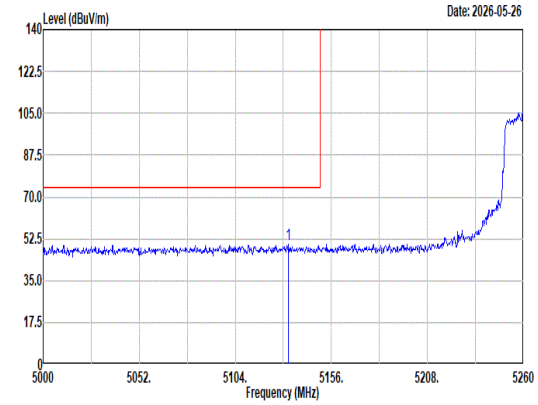
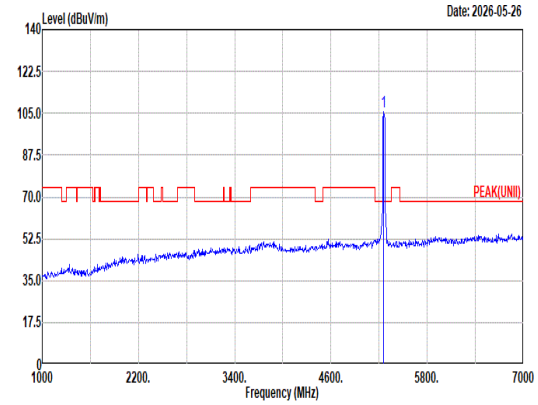
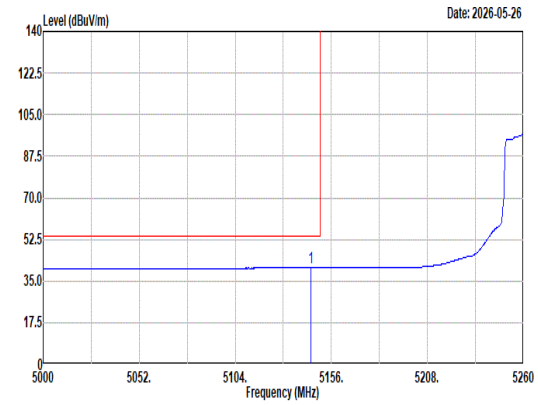
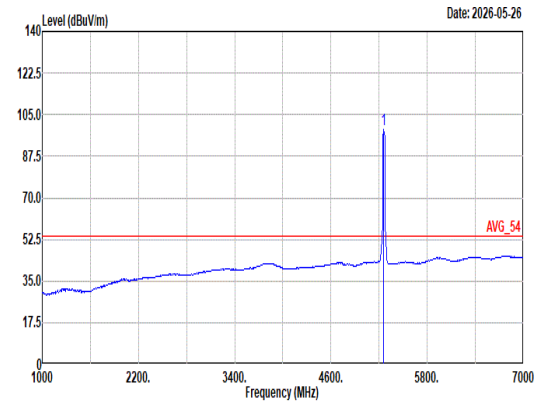
Mode	8	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial RU 106/53_5180MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5146.70 57.04 74.00 -16.96 44.81 34.67 12.73 35.17 0.00 388 142 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 109.95 ------ ------ 97.60 34.75 12.76 35.16 0.00 388 142 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 45.51 54.00 -8.49 33.25 34.70 12.73 35.17 0.00 388 142 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 100.74 ------ ------ 88.39 34.75 12.76 35.16 0.00 388 142 Average

Mode	8	
	Band Edge	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial RU 106/53_5180MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5079.92 51.13 74.00 -22.87 39.33 34.34 12.65 35.19 0.00 400 60 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : PEAK Mode : 8 Setting : 15 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 104.62 ------ ------ 92.27 34.75 12.76 35.16 0.00 400 60 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.76 42.49 54.00 -11.51 30.23 34.70 12.73 35.17 0.00 400 60 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : PEAK Mode : 8 Setting : 15 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 96.64 ------ ------ 84.29 34.75 12.76 35.16 0.00 400 60 Average

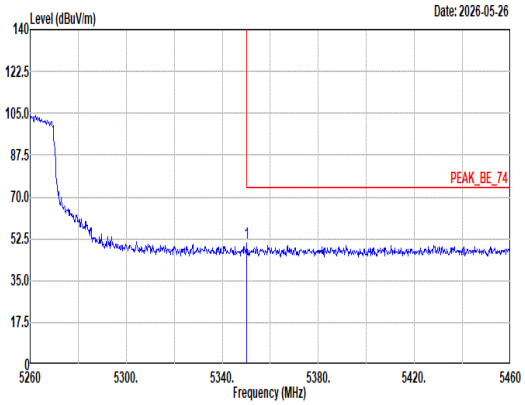
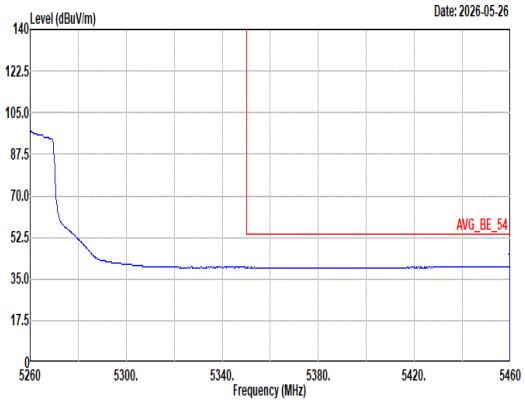
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial RU 106/53_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 44.86 68.20 -23.34 47.07 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.84 74.00 -26.16 40.27 40.68 21.79 56.15 1.25 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10360.00 45.06 68.20 -23.14 47.27 37.78 17.64 58.78 1.15 -- -- Peak 2 15540.00 47.41 74.00 -26.59 39.84 40.68 21.79 56.15 1.25 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

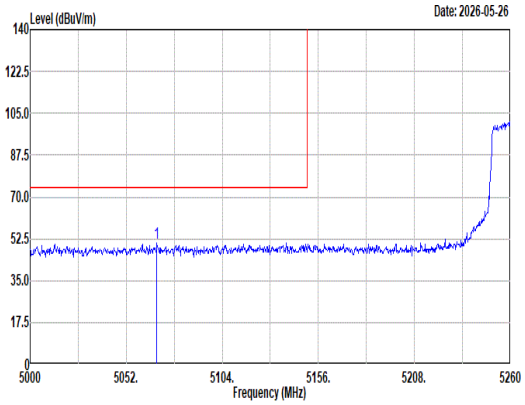
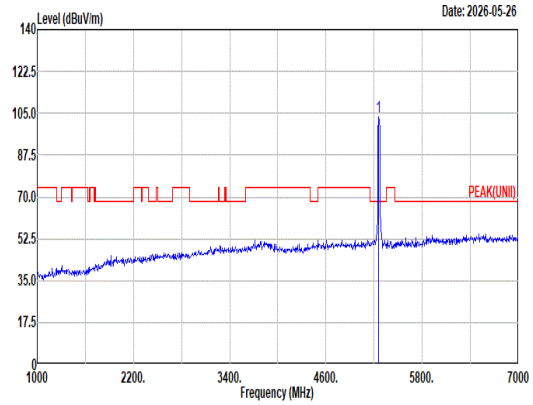
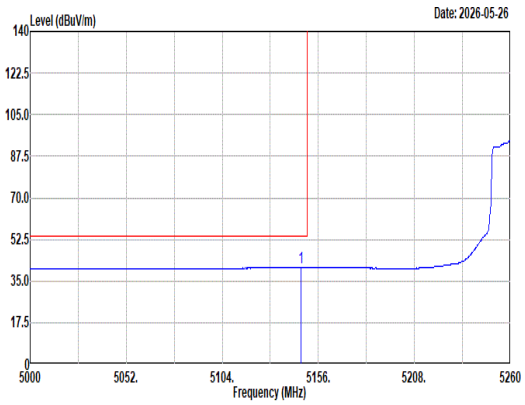
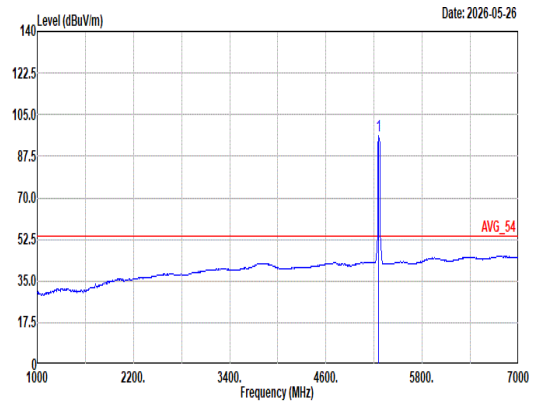
Mode	8	
	Harmonic	
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Partial RU 106/53_5180MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	9	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5132.60 50.40 74.00 -23.60 38.31 34.56 12.71 35.18 0.00 334 153 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 105.41 ------ ------ 92.96 34.74 12.85 35.14 0.00 334 153 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5144.82 40.66 54.00 -13.34 28.45 34.66 12.72 35.17 0.00 334 153 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5260.00 98.68 ------ ------ 86.23 34.74 12.85 35.14 0.00 334 153 Average

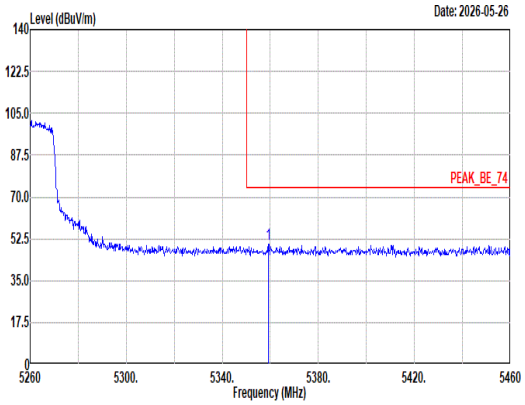
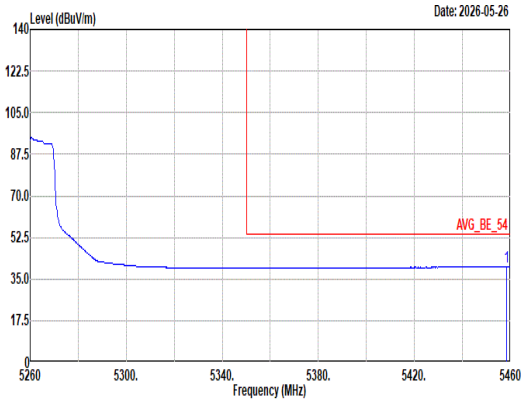
Remark: In the left figure, points 1 are the noise floor

Mode	9	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.20 50.47 74.00 -23.53 37.56 35.10 12.93 35.12 0.00 334 153 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz 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 5459.80 40.12 54.00 -13.88 27.23 34.94 13.04 35.09 0.00 334 153 Average	Blank

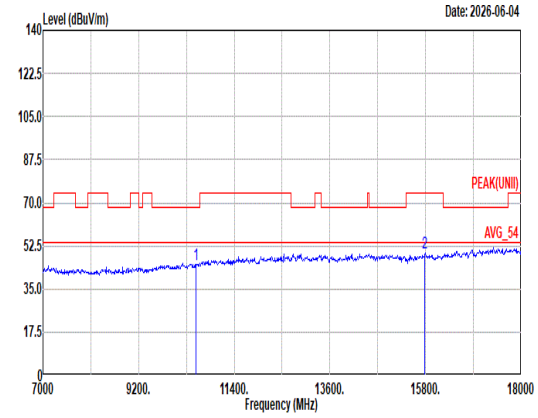
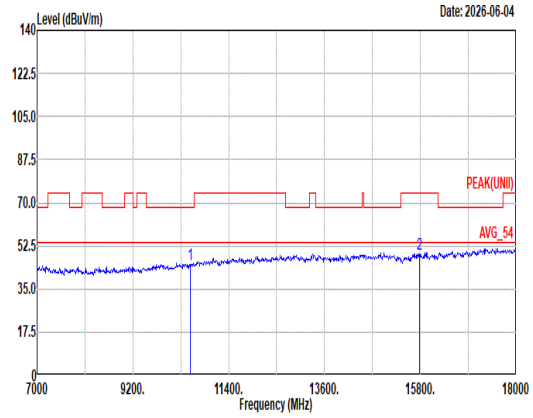
Remark: In the left figure, points 1 are the noise floor

Mode	9	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5068.64 50.96 74.00 -23.04 39.16 34.36 12.63 35.19 0.00 391 58 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 103.32 ------ ------ 90.87 34.74 12.85 35.14 0.00 391 58 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5146.64 40.65 54.00 -13.35 28.42 34.67 12.73 35.17 0.00 391 58 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5260.00 96.10 ------ ------ 83.65 34.74 12.85 35.14 0.00 391 58 Average

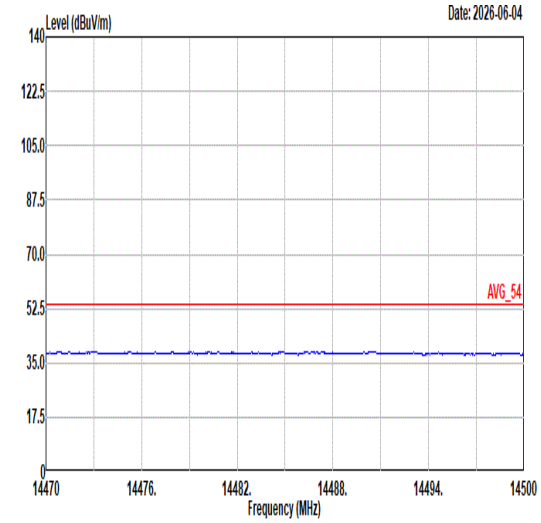
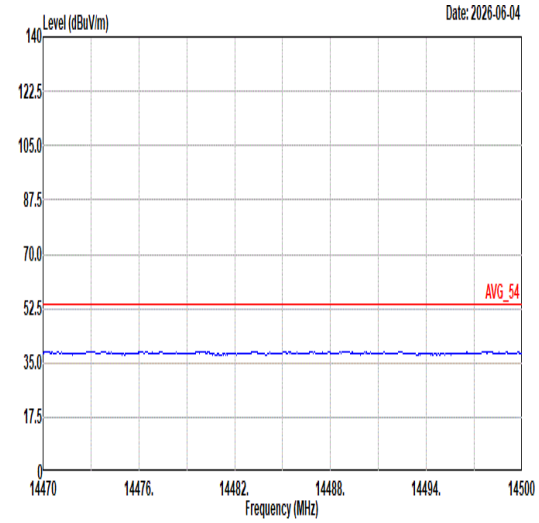
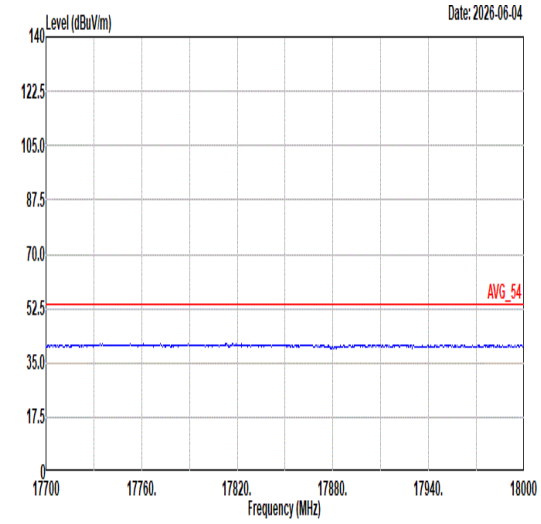
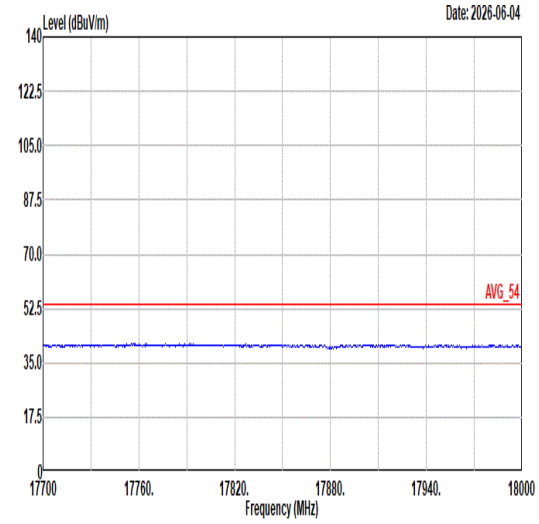
Remark: In the left figure, points 1 are the noise floor

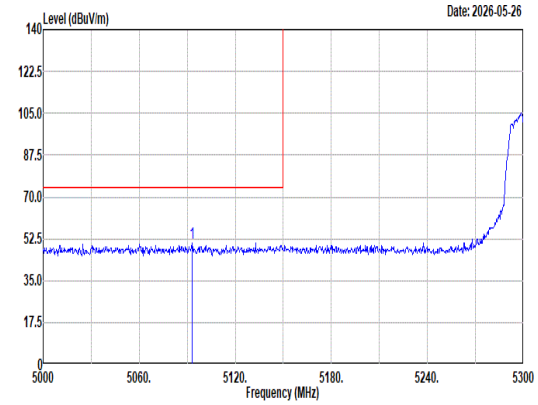
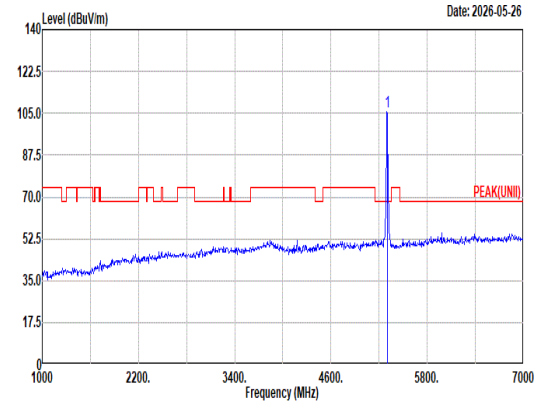
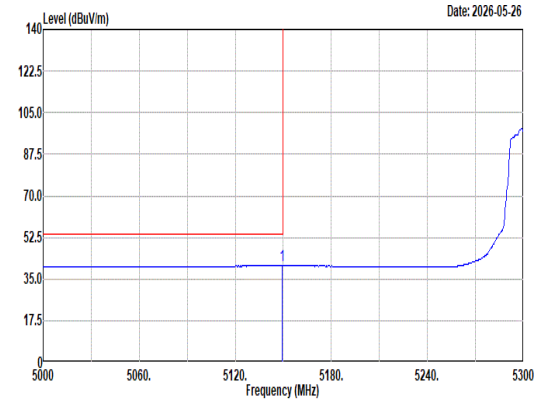
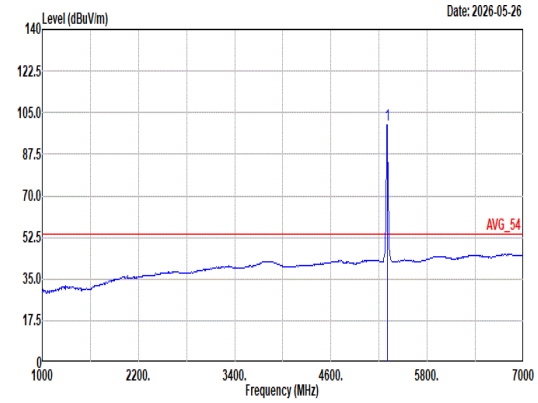
Mode	9	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5359.20 50.18 74.00 -23.82 37.30 35.06 12.94 35.12 0.00 391 58 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.40 40.14 54.00 -13.86 27.26 34.93 13.04 35.09 0.00 391 58 Average	Blank

Remark: In the left figure, points 1 are the noise floor

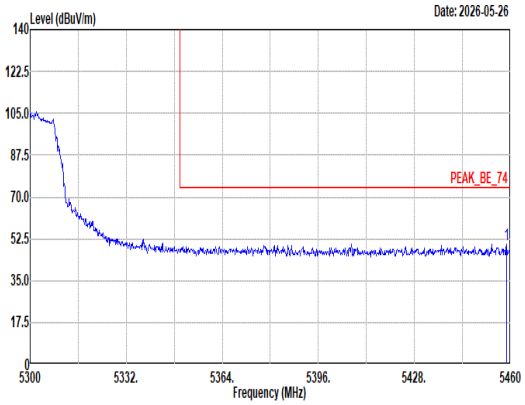
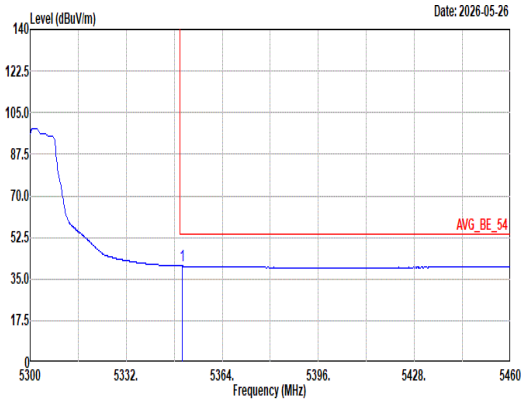
Mode	9	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 45.01 68.20 -23.19 46.89 37.74 17.80 58.59 1.17 -- -- Peak 2 15780.00 49.83 74.00 -24.17 41.65 41.14 21.93 56.13 1.24 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 44.84 68.20 -23.36 46.72 37.74 17.80 58.59 1.17 -- -- Peak 2 15780.00 49.29 74.00 -24.71 41.11 41.14 21.93 56.13 1.24 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

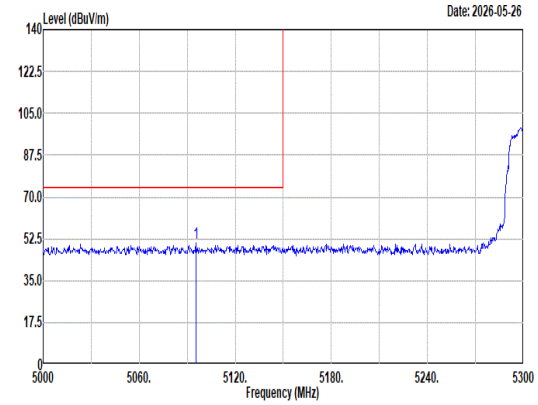
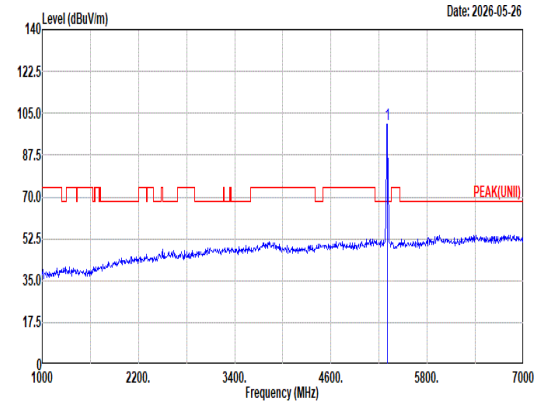
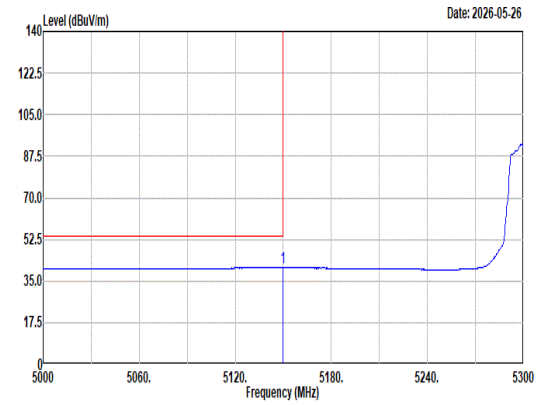
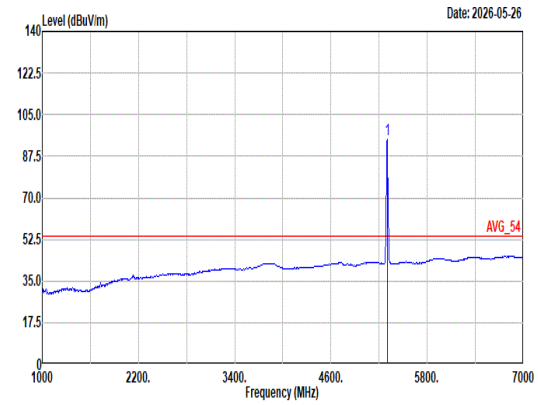
Mode	9	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5093.00 50.93 74.00 -23.07 39.15 34.31 12.66 35.19 0.00 400 184 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 105.83 ------ ------ 93.20 34.88 12.88 35.13 0.00 400 184 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.40 40.56 54.00 -13.44 28.30 34.70 12.73 35.17 0.00 400 184 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5300.00 99.91 ------ ------ 87.24 34.91 12.89 35.13 0.00 400 184 Average

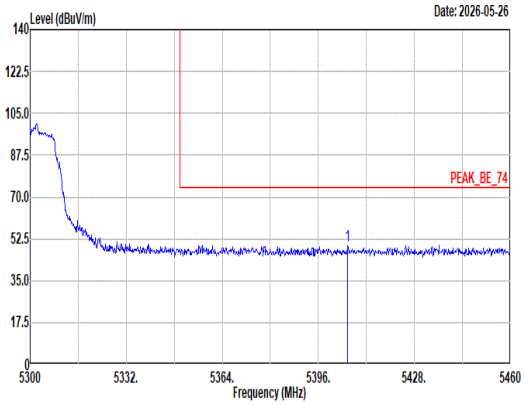
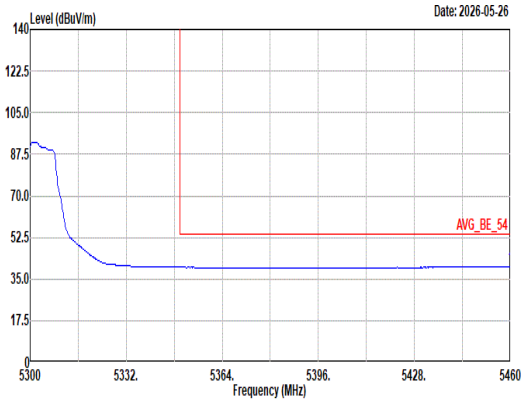
Remark: In the left figure, points 1 are the noise floor

Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.72 50.08 74.00 -23.92 37.20 34.93 13.04 35.09 0.00 400 184 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.56 40.48 54.00 -13.52 27.57 35.10 12.93 35.12 0.00 400 184 Average	Blank

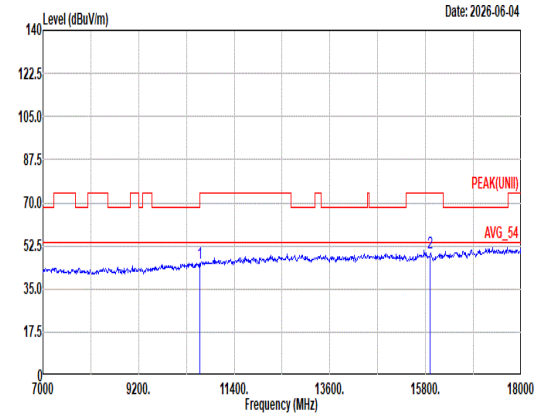
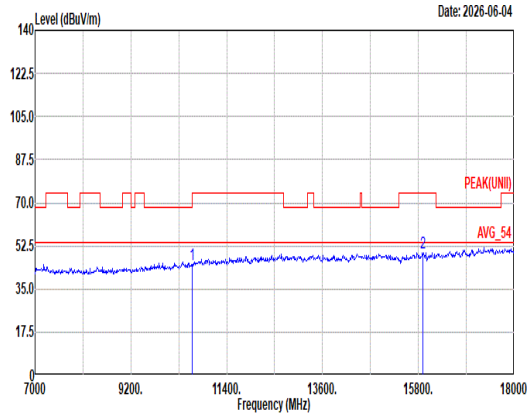
Remark: In the left figure, points 1 are the noise floor

Mode	10	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5095.40 50.46 74.00 -23.54 38.68 34.31 12.66 35.19 0.00 399 186 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 100.48 ------ ------ 87.85 34.88 12.88 35.13 0.00 399 186 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.70 40.56 54.00 -13.44 28.30 34.70 12.73 35.17 0.00 399 186 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5300.00 94.38 ------ ------ 81.71 34.91 12.89 35.13 0.00 399 186 Average

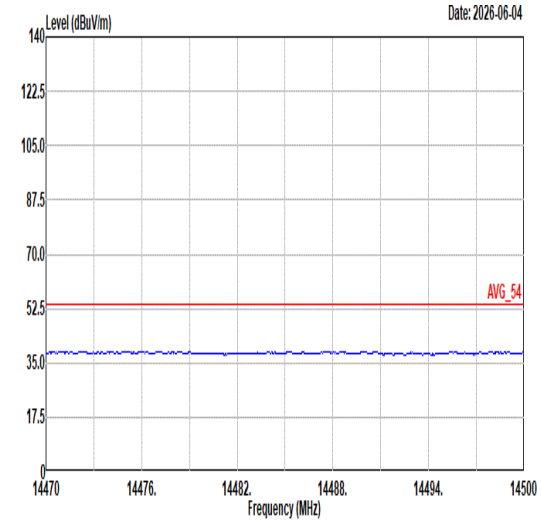
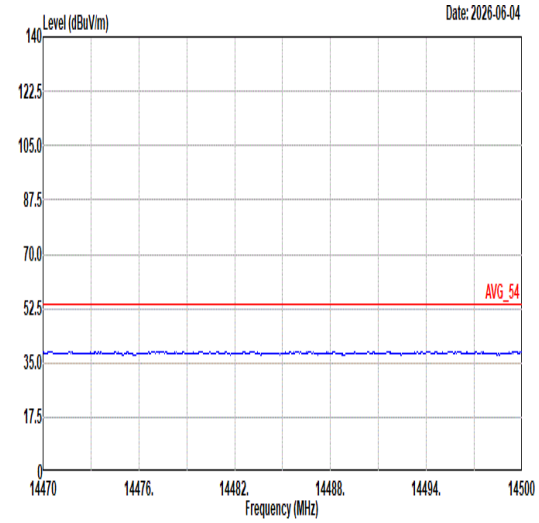
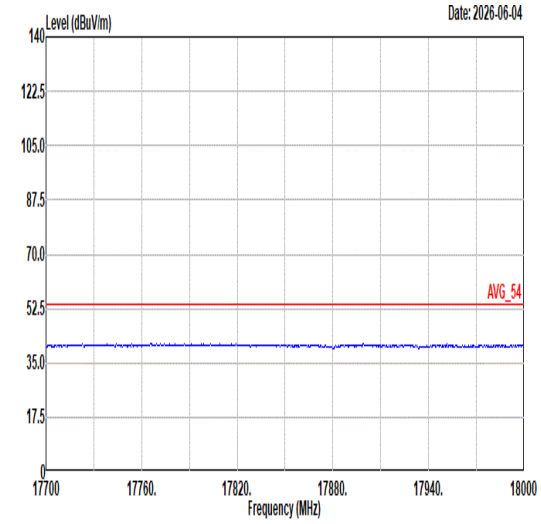
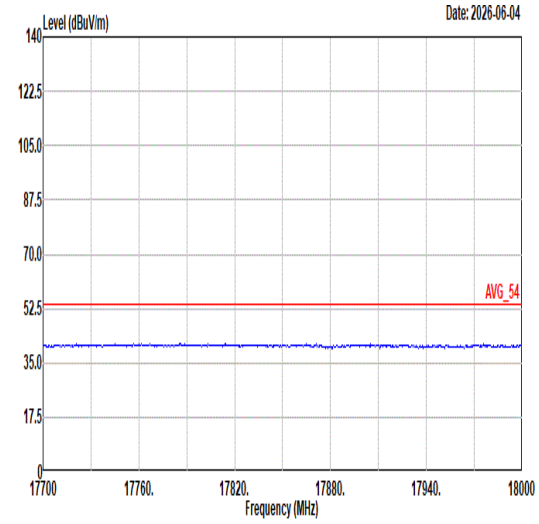
Remark: In the left figure, points 1 are the noise floor

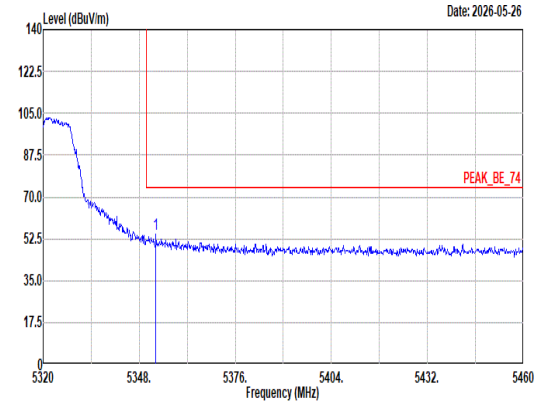
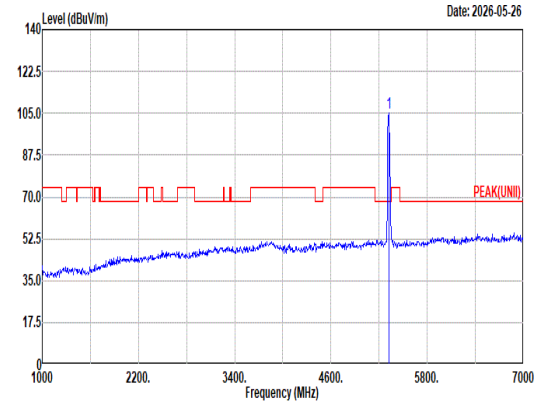
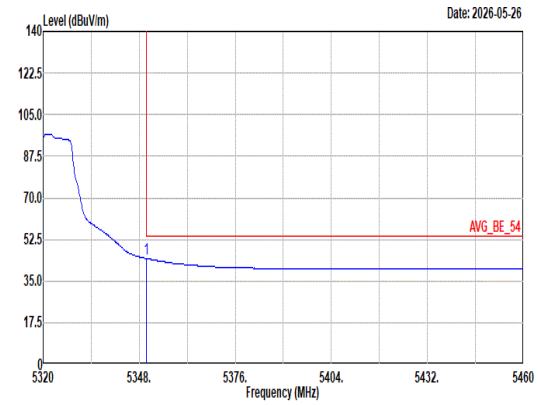
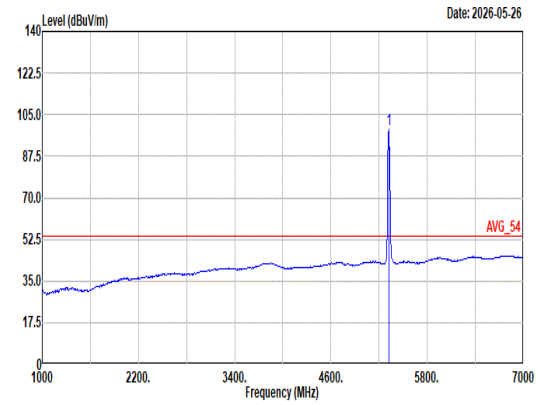
Mode	10	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5405.76 49.86 74.00 -24.14 37.07 34.90 12.99 35.10 0.00 399 186 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz 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 5460.00 40.15 54.00 -13.85 27.26 34.94 13.04 35.09 0.00 399 186 Average	Blank

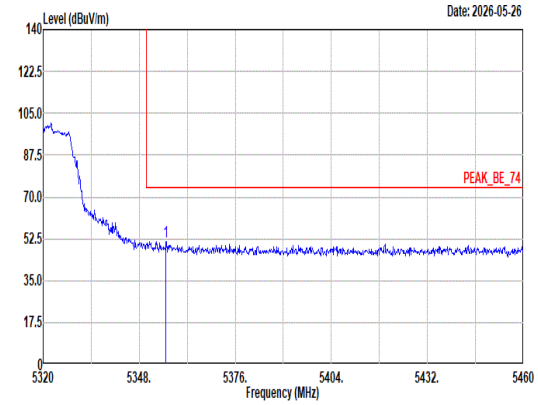
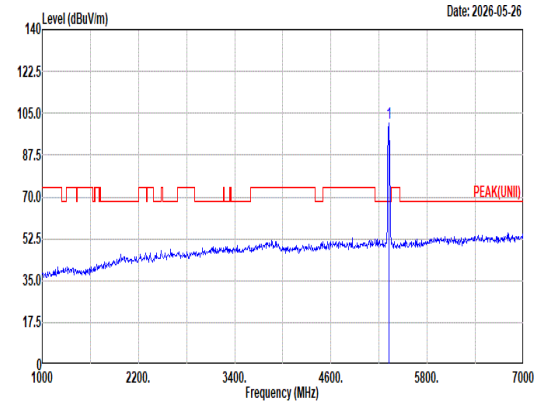
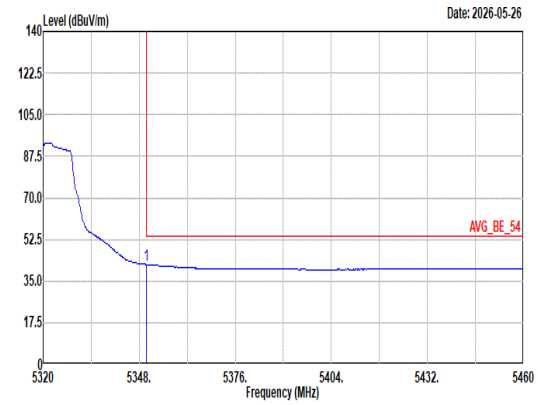
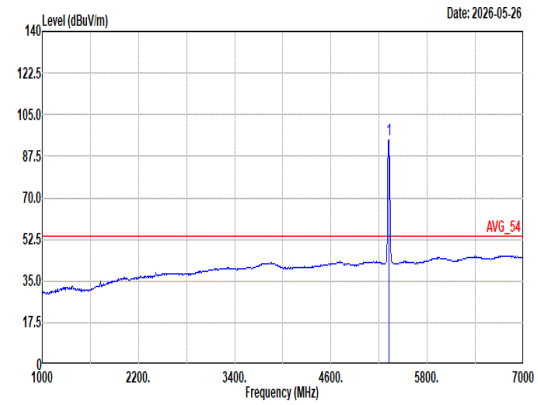
Remark: In the left figure, points 1 are the noise floor

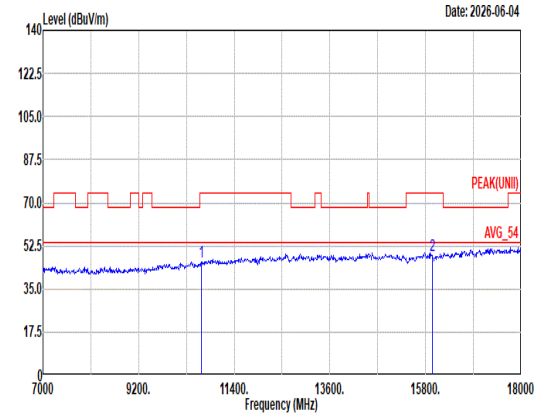
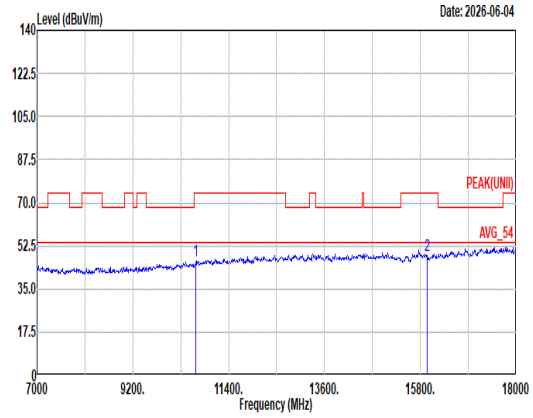
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10600.00 45.45 74.00 -28.55 47.00 37.90 17.87 58.50 1.18 -- -- Peak 2 15900.00 49.41 74.00 -24.59 40.92 41.40 21.99 56.13 1.23 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 10600.00 45.06 74.00 -28.94 46.61 37.90 17.87 58.50 1.18 -- -- Peak 2 15900.00 49.57 74.00 -24.43 41.08 41.40 21.99 56.13 1.23 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

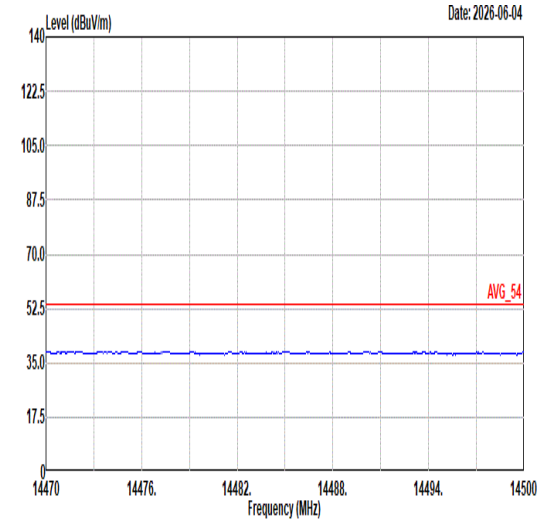
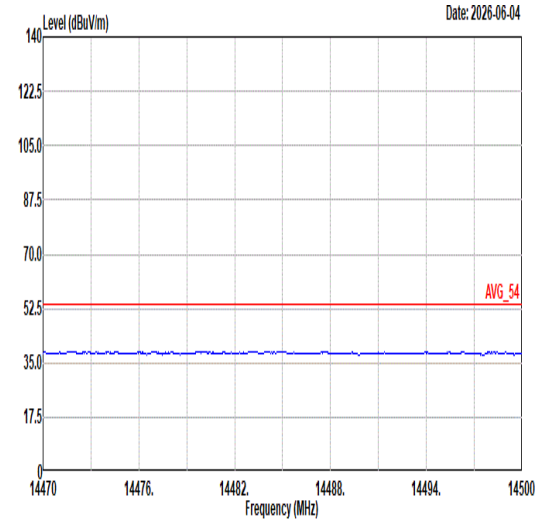
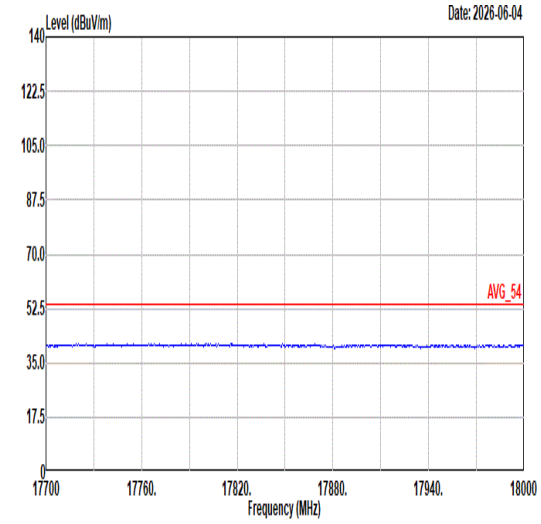
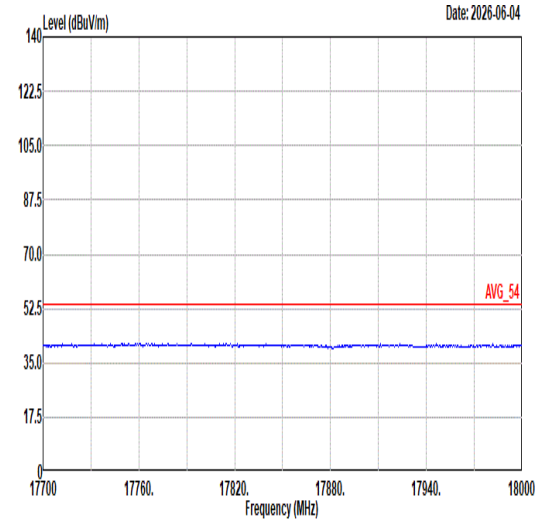
Mode	10	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

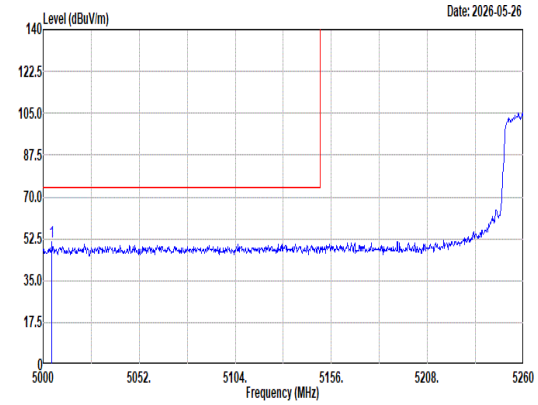
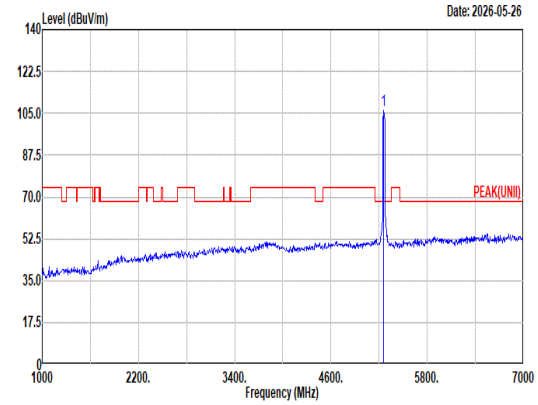
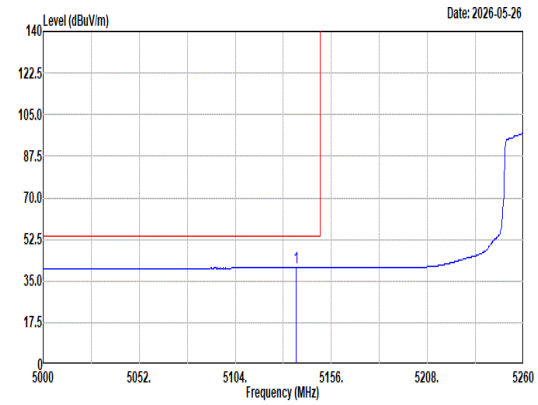
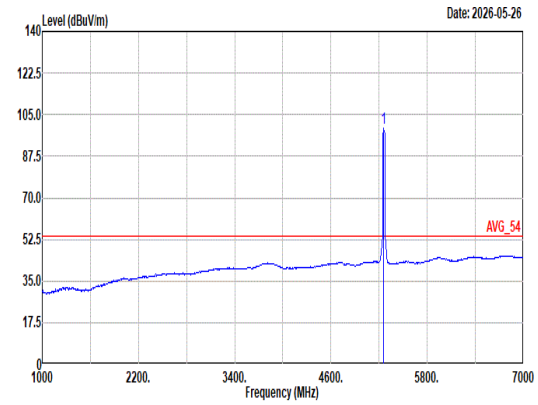
Mode	11	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5352.90 54.31 74.00 -19.69 41.40 35.09 12.94 35.12 0.00 393 182 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 104.98 ------ ------ 92.23 34.98 12.90 35.13 0.00 393 182 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5350.10 44.42 54.00 -9.58 31.51 35.10 12.93 35.12 0.00 393 182 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5320.00 98.56 ------ ------ 85.81 34.98 12.90 35.13 0.00 393 182 Average

Mode	11	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5355.84 51.50 74.00 -22.50 38.60 35.08 12.94 35.12 0.00 399 70 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5320.00 100.69 ------ ------ 87.94 34.98 12.90 35.13 0.00 399 70 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5350.10 41.92 54.00 -12.08 29.01 35.10 12.93 35.12 0.00 399 70 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5320.00 94.83 ------ ------ 82.08 34.98 12.90 35.13 0.00 399 70 Average

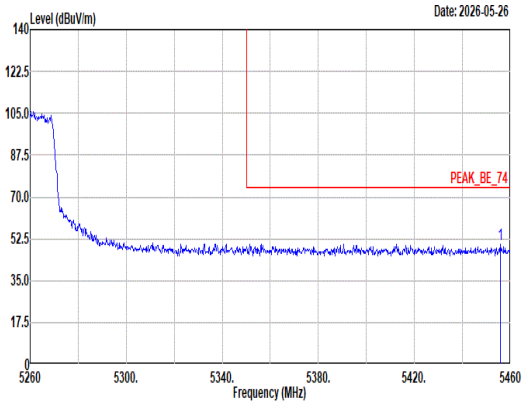
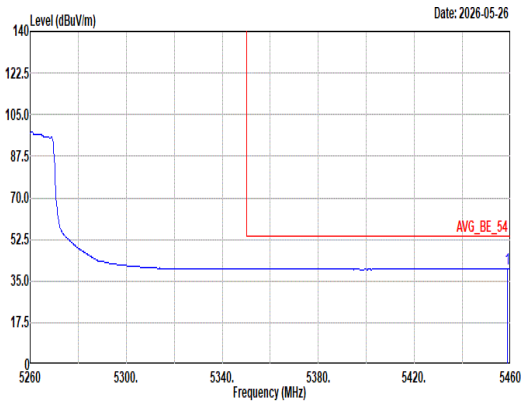
Mode	11	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10640.00 46.19 74.00 -27.81 47.57 37.98 17.91 58.46 1.19 -- -- Peak 2 15960.00 48.74 74.00 -25.26 40.35 41.26 22.03 56.12 1.22 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10640.00 46.65 74.00 -27.35 48.03 37.98 17.91 58.46 1.19 -- -- Peak 2 15960.00 48.45 74.00 -25.55 40.06 41.26 22.03 56.12 1.22 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

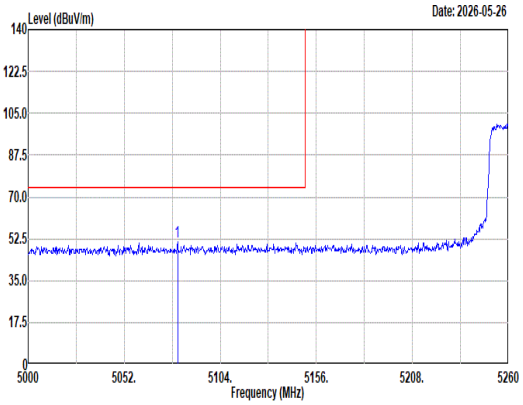
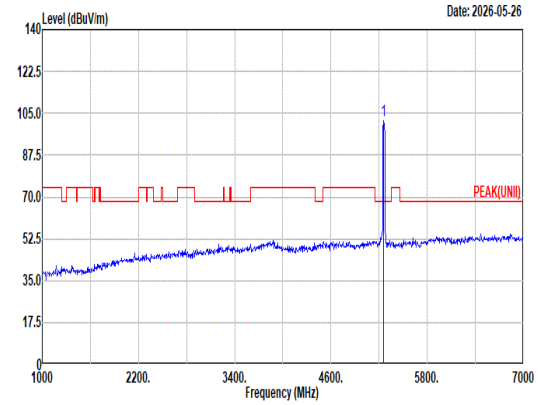
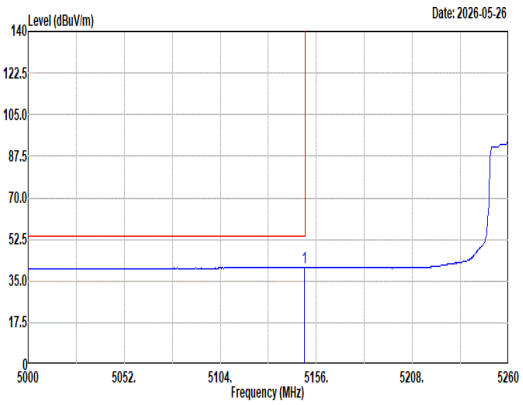
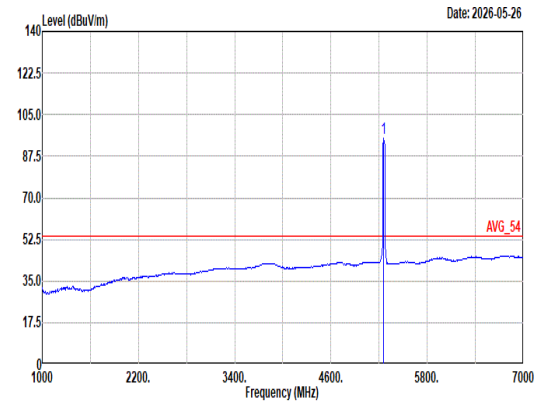
Mode	11	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	12	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5004.68 51.20 74.00 -22.80 39.18 34.67 12.56 35.21 0.00 331 156 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 105.93 ------ ------ 93.48 34.74 12.85 35.14 0.00 331 156 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5136.76 40.76 54.00 -13.24 28.63 34.59 12.71 35.17 0.00 331 156 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5260.00 99.33 ------ ------ 86.88 34.74 12.85 35.14 0.00 331 156 Average

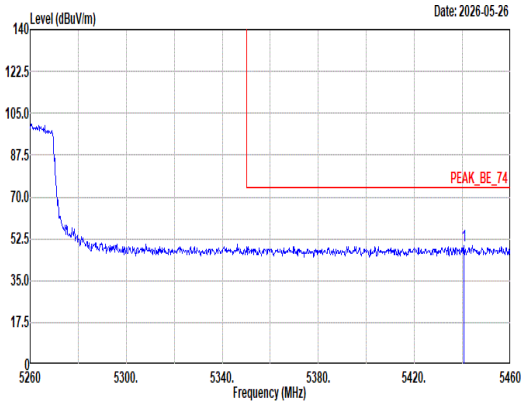
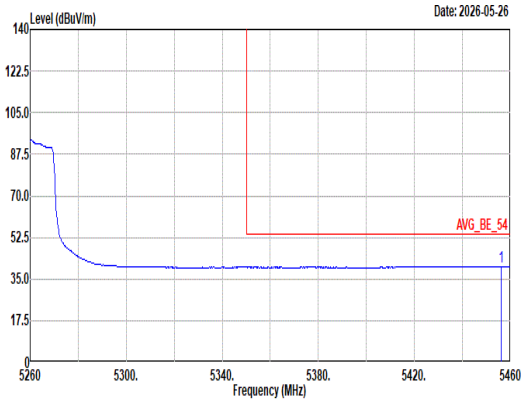
Remark: In the left figure, points 1 are the noise floor

Mode	12	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5455.80 50.30 74.00 -23.70 37.43 34.92 13.04 35.09 0.00 331 156 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.80 40.27 54.00 -13.73 27.38 34.94 13.04 35.09 0.00 331 156 Average	Blank

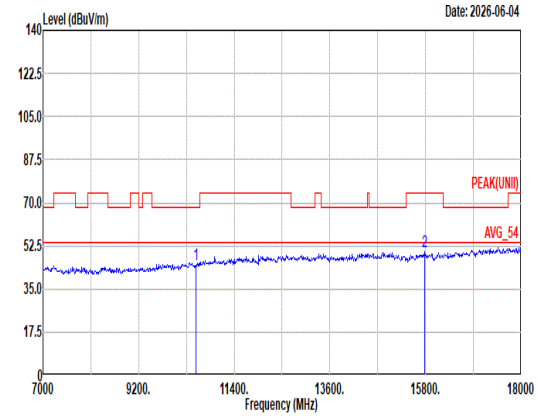
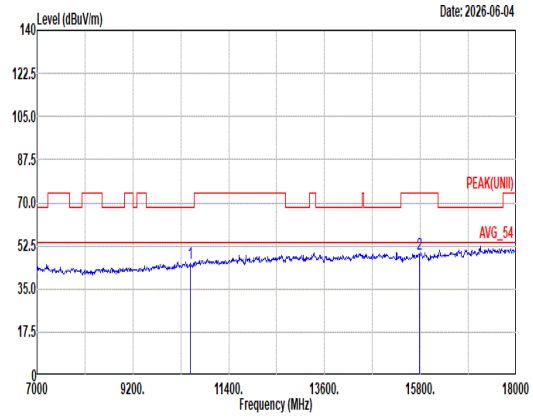
Remark: In the left figure, points 1 are the noise floor

Mode	12	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5080.86 51.25 74.00 -22.75 39.45 34.34 12.65 35.19 0.00 298 26 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5260.00 101.92 ------ ------ 89.47 34.74 12.85 35.14 0.00 298 26 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5149.50 40.72 54.00 -13.28 28.46 34.70 12.73 35.17 0.00 298 26 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5260.00 95.18 ------ ------ 82.73 34.74 12.85 35.14 0.00 298 26 Average

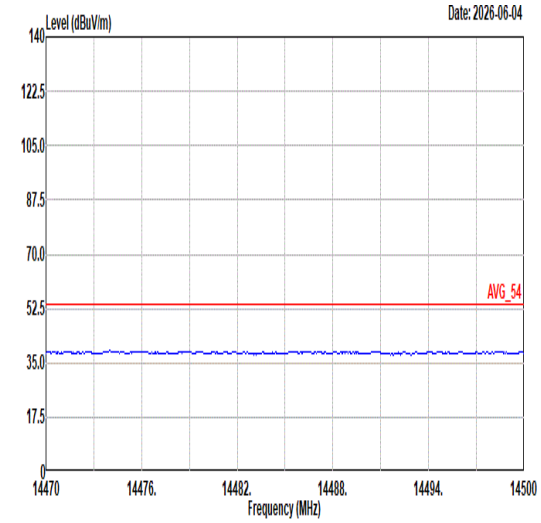
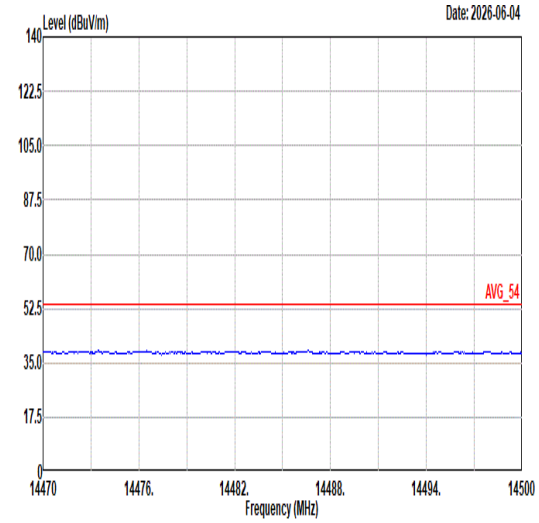
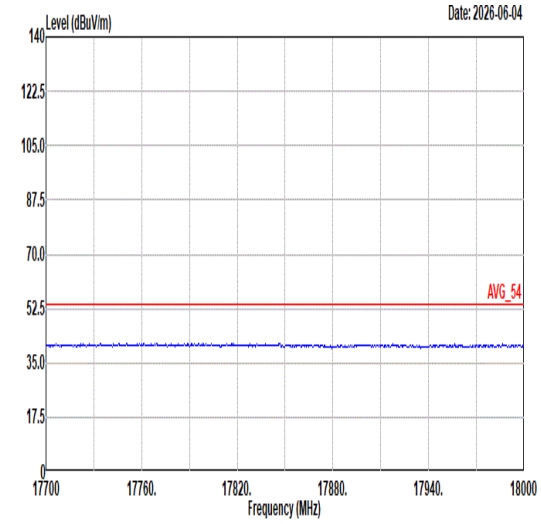
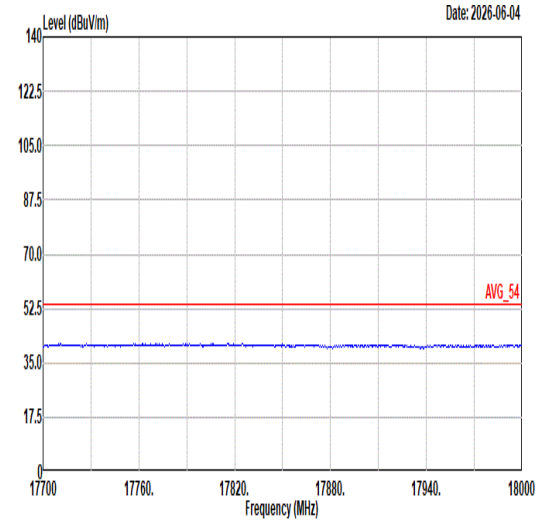
Remark: In the left figure, points 1 are the noise floor

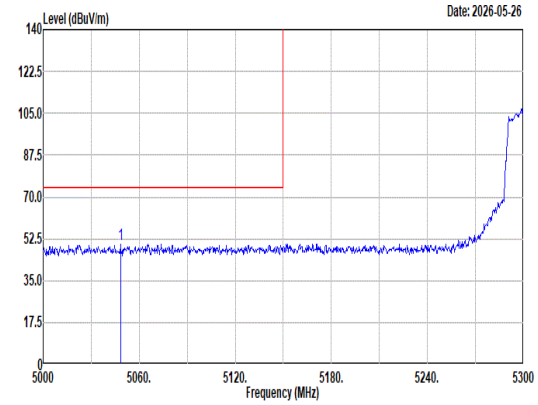
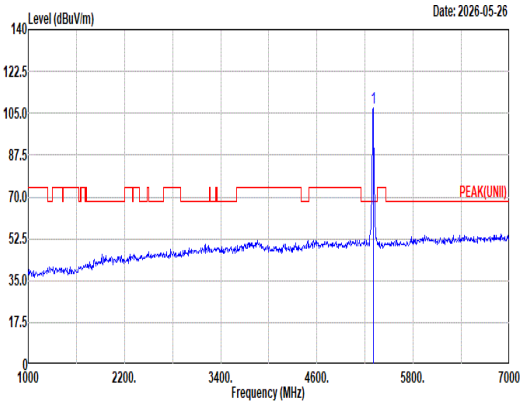
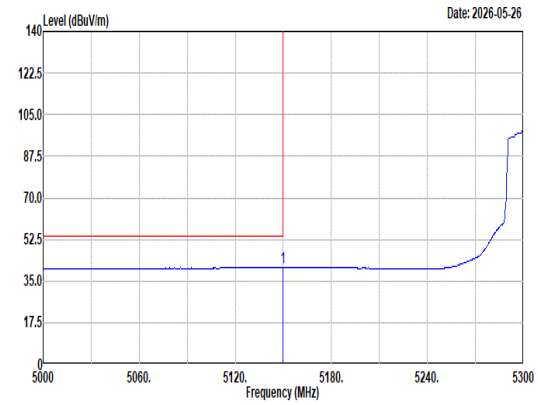
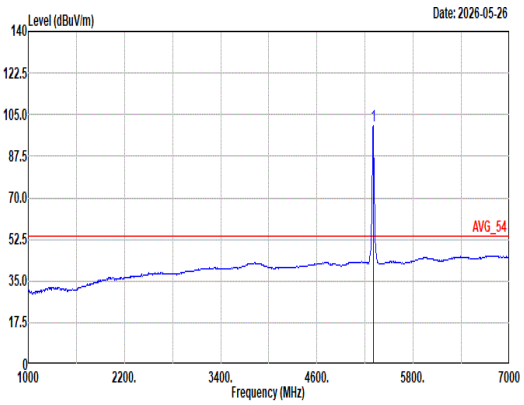
Mode	12	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5440.60 49.46 74.00 -24.54 36.64 34.90 13.02 35.10 0.00 298 26 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5456.20 40.21 54.00 -13.79 27.34 34.92 13.04 35.09 0.00 298 26 Average	Blank

Remark: In the left figure, points 1 are the noise floor

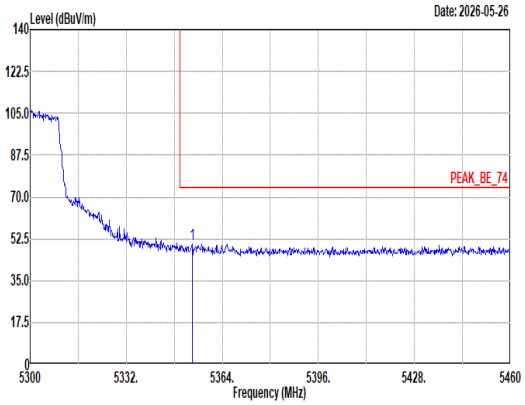
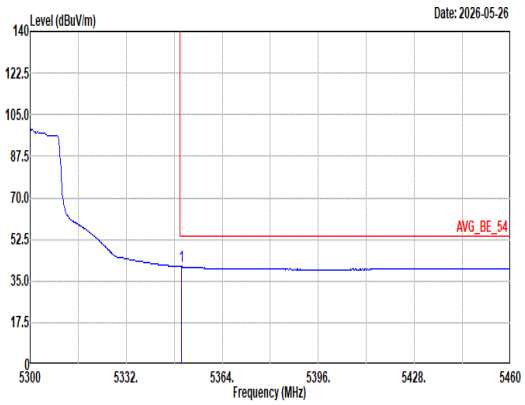
Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 45.03 68.20 -23.17 46.91 37.74 17.80 58.59 1.17 -- -- Peak 2 15780.00 50.31 74.00 -23.69 42.13 41.14 21.93 56.13 1.24 -- -- Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 10520.00 45.18 68.20 -23.02 47.06 37.74 17.80 58.59 1.17 -- -- Peak 2 15780.00 49.30 74.00 -24.70 41.12 41.14 21.93 56.13 1.24 -- -- Peak

Remark: In the figure, points 1 and 2 are the noise floor

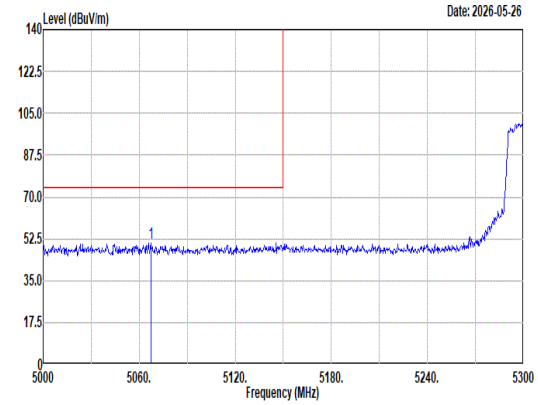
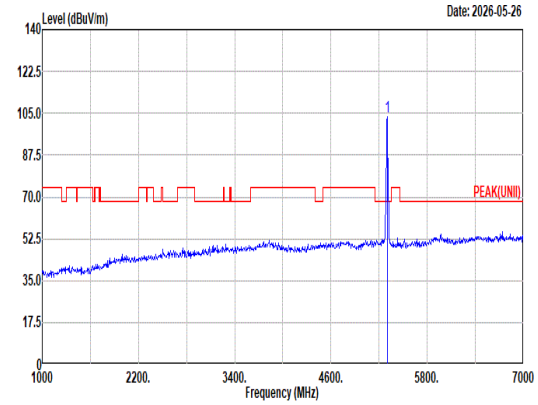
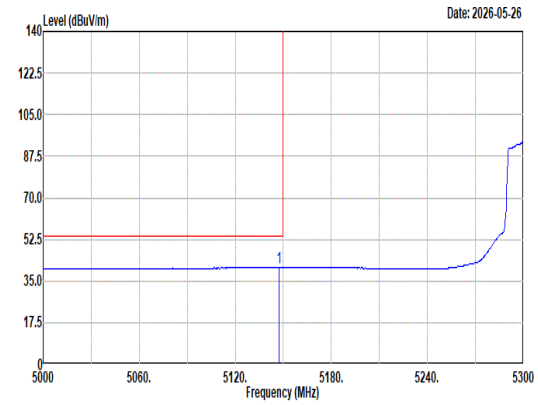
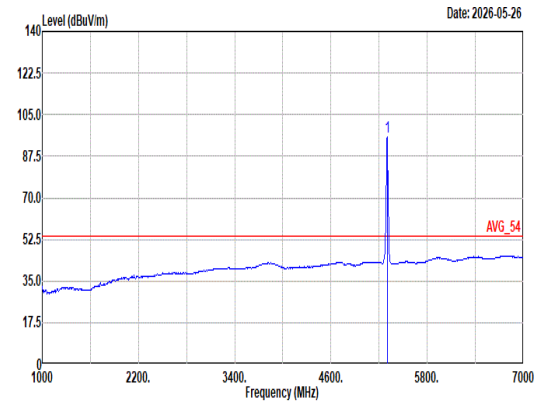
Mode	12	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH52_Full RU_5260MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	13	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5048.30 50.28 74.00 -23.72 38.46 34.41 12.61 35.20 0.00 400 184 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5300.00 107.04 ------ ------ 94.37 34.91 12.89 35.13 0.00 400 184 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5149.70 40.67 54.00 -13.33 28.41 34.70 12.73 35.17 0.00 400 184 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5300.00 100.30 ------ ------ 87.63 34.91 12.89 35.13 0.00 400 184 Average

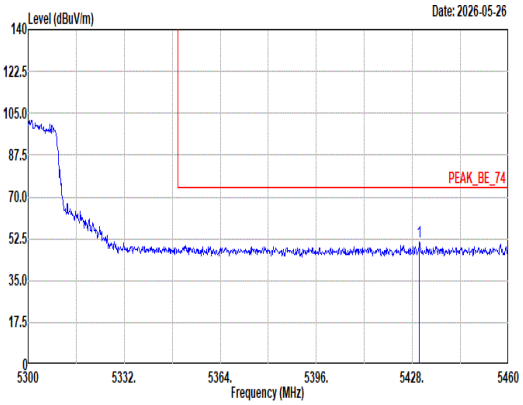
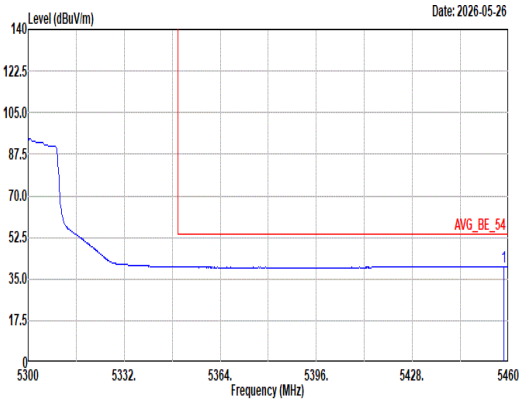
Remark: In the left figure, points 1 are the noise floor

Mode	13	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Level Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5353.92 50.20 74.00 -23.80 37.30 35.08 12.94 35.12 0.00 400 184 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Level Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5350.40 40.99 54.00 -13.01 28.08 35.10 12.93 35.12 0.00 400 184 Average	Blank

Remark: In the left figure, points 1 are the noise floor

Mode	13	
	Band Edge - L	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5067.20 50.96 74.00 -23.04 39.15 34.37 12.63 35.19 0.00 400 186 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5300.00 103.49 ------ ------ 90.82 34.91 12.89 35.13 0.00 400 186 Peak
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 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 5147.30 40.68 54.00 -13.32 28.44 34.68 12.73 35.17 0.00 400 186 Average	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 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 5300.00 95.69 ------ ------ 83.02 34.91 12.89 35.13 0.00 400 186 Average

Remark: In the left figure, points 1 are the noise floor

Mode	13	
	Band Edge - R	
	U-NII-2A_5.25-5.35_802.11ax HE20_CH60_Full RU_5300MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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 5430.40 51.06 74.00 -22.94 38.25 34.90 13.01 35.10 0.00 400 186 Peak	Blank
Avg	 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5458.40 40.24 54.00 -13.76 27.36 34.93 13.04 35.09 0.00 400 186 Average	Blank

Remark: In the left figure, points 1 are the noise floor