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

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History of this test report

Report No.	Version	Description	Issue Date
FR640815F	01	Initial issue of report	Jul. 31, 2026
FR640815F	02	Revised 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	6dB & 26dB Bandwidth	Pass	-
3.1	15.403	15.403	Emission Designator	Report only	802.11a:17M7D1D 802.11n HT20:18M6D1D 802.11ac VHT20:18M6D1D 802.11ax HE20: 19M3D1D
3.1	2.1049	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	15.407(a)	Maximum Conducted Output Power	Pass	802.11a:15.7dBm(0.037W) 802.11n HT20:15.7dBm(0.037W) 802.11ac VHT20:15.6dBm(0.036W) 802.11ax HE20: 16.0dBm(0.040W)
3.3	15.407(a)	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	15.407(b)	Unwanted Emissions	Pass	8.82 dB under the limit at 30 MHz
3.5	15.207	15.207	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: Lili Lu

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
EUT Stage	Identical Prototype

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

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	5725 MHz ~ 5850 MHz
Antenna Type / Gain	**<Ant. 1>:** PIFA Antenna with gain 2.7 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)

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 and 3786 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.)

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

FCC designation No TW1190 and TW3786

ISED CABID: TW1190 and TW3786

ISED Company Number: 4086B and 4086H

Note:

1. The test site complies with ANSI C63.4 2014 requirement.
2. The AC Conducted test item 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.

<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 ICES-003, 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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

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

2.2 Test Mode

This device support 26/52/106 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.

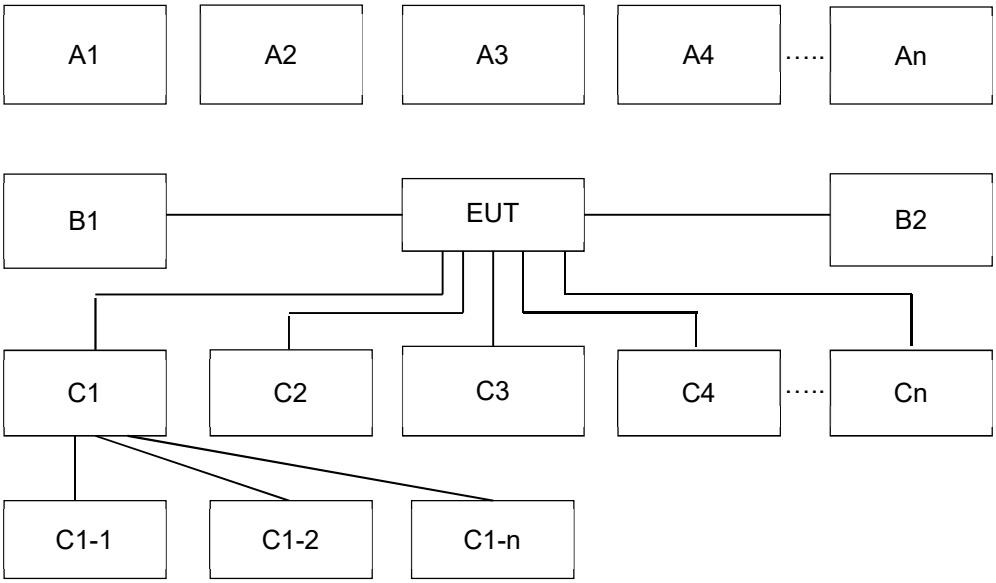
Single Mode

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



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	-	-	-	-	-	-

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,1.8m
2.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P：Unshielded, 1.2m DC O/P：Shielded, 1.8m
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 6dB and 26dB and 99% Occupied Bandwidth Measurement

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

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

26dB and 99% Occupied bandwidth are reporting only.

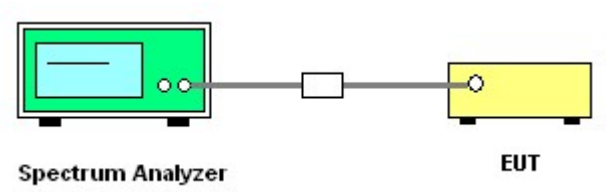
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



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

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

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

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

3.2.2 Measuring Instruments

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

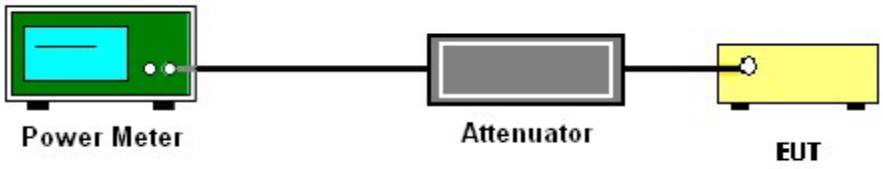
3.2.3 Test Procedures

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

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

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

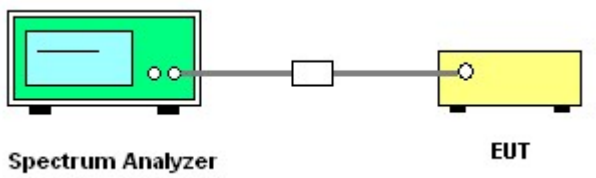
 # Method SA-2 #

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

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500kHz.
- Set VBW ≥ 1 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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin

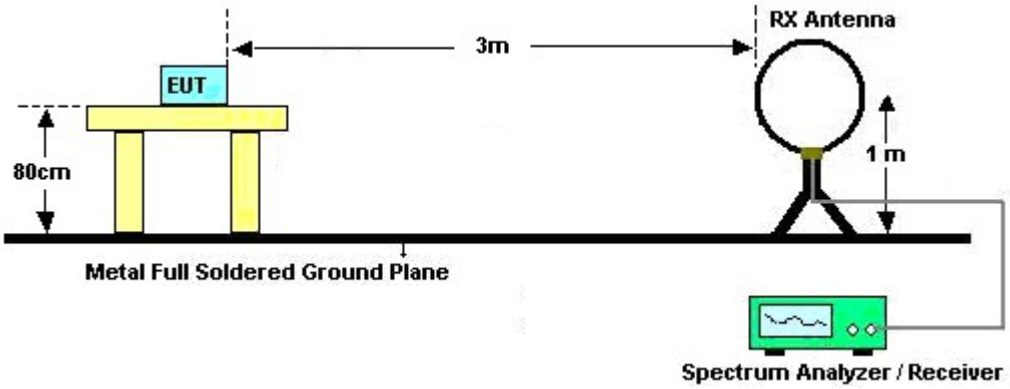
against QP limit line, the position is marked as "-".

7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies.

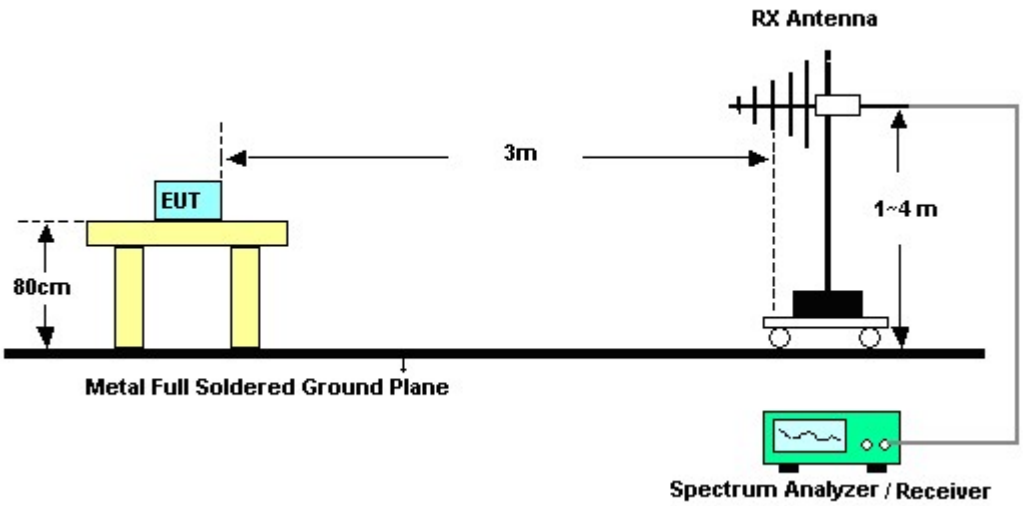
   When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

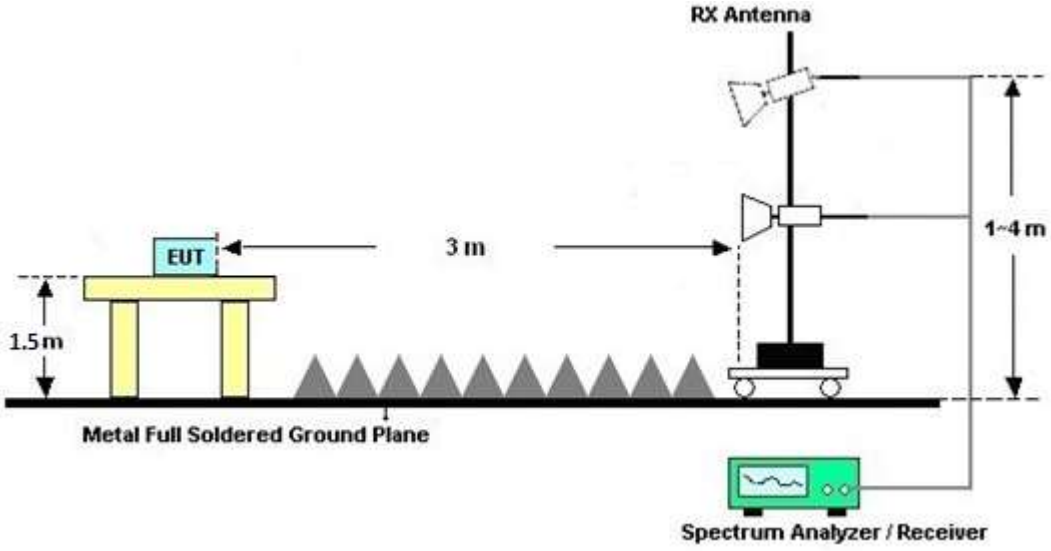
For radiated emissions below 30MHz



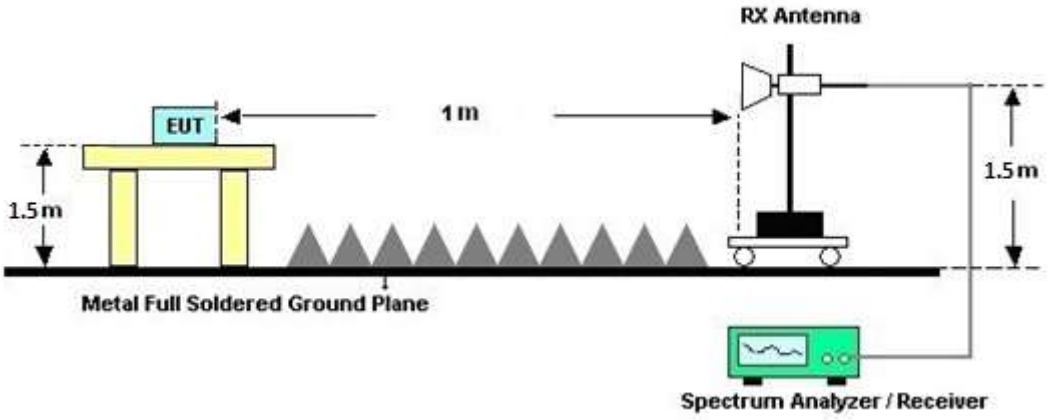
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

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

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

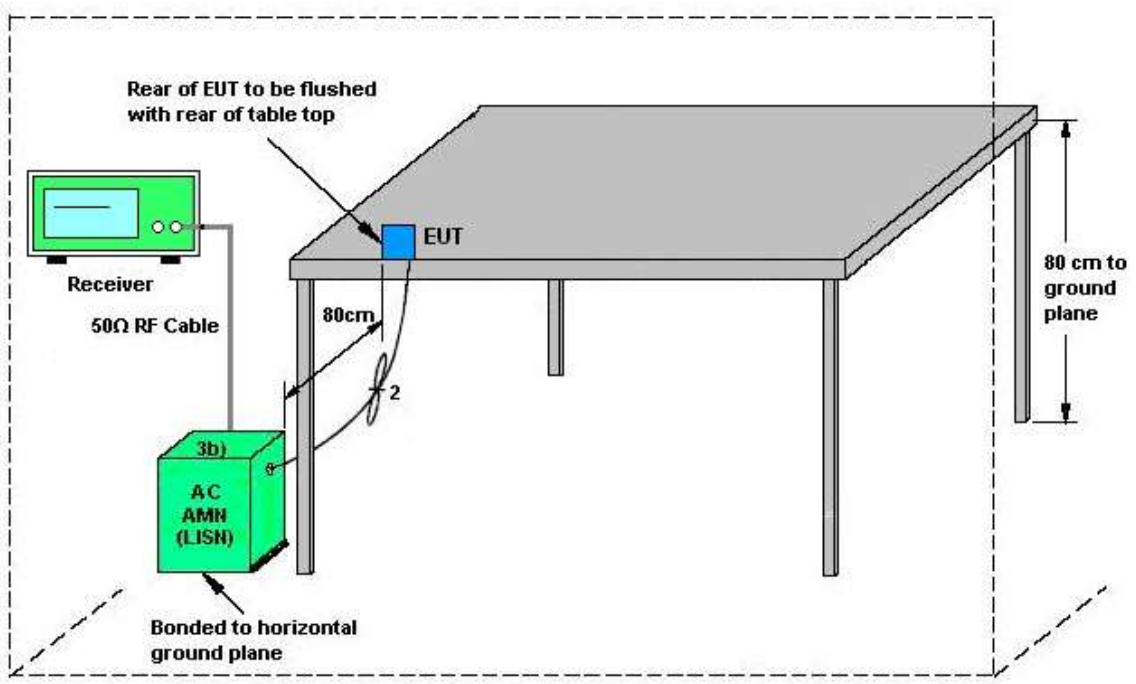
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
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-US-US S	100080+N-021	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	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 29, 2025	May 15, 2026	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	May 15, 2026	Oct. 13, 2026	Conduction (CO05-HY)
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	17I00015SNO37 (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)

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)

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 6dB Bandwidth Measurement

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

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))	2.5 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu/Eason Huang	Temperature:	21~25	°C
Test Date:	2026/5/7~06/09	Relative Humidity:	51~54	%

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

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	149	5745	17.69	-	21.99	-	15.14	-	0.5	Pass
11a	6Mbps	1	157	5785	17.62	-	21.94	-	15.09	-	0.5	Pass
11a	6Mbps	1	165	5825	17.66	-	21.95	-	15.17	-	0.5	Pass
HT20	MCS0	1	149	5745	18.60	-	22.04	-	15.17	-	0.5	Pass
HT20	MCS0	1	157	5785	18.54	-	22.34	-	15.10	-	0.5	Pass
HT20	MCS0	1	165	5825	18.58	-	22.22	-	15.17	-	0.5	Pass

Report Number : FR640815F

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail	Power Setting		Restriction
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2	
11a	6Mbps	1	149	5745	15.70	-		30.00	-	2.70	-	Pass	15	-	Target
11a	6Mbps	1	157	5785	15.50	-		30.00	-	2.70	-	Pass	15	-	Target
11a	6Mbps	1	165	5825	15.50	-		30.00	-	2.70	-	Pass	15	-	Target
HT20	MCS0	1	149	5745	15.70	-		30.00	-	2.70	-	Pass	15	-	Target
HT20	MCS0	1	157	5785	15.60	-		30.00	-	2.70	-	Pass	15	-	Target
HT20	MCS0	1	165	5825	15.70	-		30.00	-	2.70	-	Pass	15	-	Target
VHT20	MCS0	1	149	5745	15.60	-		30.00	-	2.70	-	Pass	15	-	Target
VHT20	MCS0	1	157	5785	15.50	-		30.00	-	2.70	-	Pass	15	-	Target
VHT20	MCS0	1	165	5825	15.60	-		30.00	-	2.70	-	Pass	15	-	Target

Report Number : FR640815F

TEST RESULTS DATA
Power Spectral Density

U-NII-3 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	149	5745	0.06		2.44	-		30.00	-	2.70	-	Pass
11a	6Mbps	1	157	5785	0.06		2.18	-		30.00	-	2.70	-	Pass
11a	6Mbps	1	165	5825	0.06		2.33	-		30.00	-	2.70	-	Pass
HT20	MCS0	1	149	5745	0.06		2.43	-		30.00	-	2.70	-	Pass
HT20	MCS0	1	157	5785	0.06		2.10	-		30.00	-	2.70	-	Pass
HT20	MCS0	1	165	5825	0.06		2.17	-		30.00	-	2.70	-	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

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

U-NII-3 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	149	5745	Full	19.30	-	21.90	-	18.05	-	0.5	Pass
HE20	MCS0	1	157	5785	Full	19.28	-	21.82	-	17.73	-	0.5	Pass
HE20	MCS0	1	165	5825	Full	19.29	-	22.03	-	17.77	-	0.5	Pass

Report Number : FR640815F

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail	Power Setting		Restriction
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		Ant 1	Ant 2	
HE20	MCS0	1	149	5745	Full	16.00	-		30.00	-	2.70	-	Pass	15	-	Target
HE20	MCS0	1	149	5745	26/0	8.20	-		30.00	-	2.70	-	Pass	9	-	Target
HE20	MCS0	1	149	5745	52/37	11.30	-		30.00	-	2.70	-	Pass	12	-	Target
HE20	MCS0	1	149	5745	106/53	13.70	-		30.00	-	2.70	-	Pass	14	-	Target
HE20	MCS0	1	157	5785	Full	15.90	-		30.00	-	2.70	-	Pass	15	-	Target
HE20	MCS0	1	157	5785	26/4	8.10	-		30.00	-	2.70	-	Pass	8	-	Target
HE20	MCS0	1	157	5785	52/38	11.20	-		30.00	-	2.70	-	Pass	12	-	Target
HE20	MCS0	1	157	5785	106/53	13.60	-		30.00	-	2.70	-	Pass	14	-	Target
HE20	MCS0	1	165	5825	Full	16.00	-		30.00	-	2.70	-	Pass	15	-	Target
HE20	MCS0	1	165	5825	26/8	8.00	-		30.00	-	2.70	-	Pass	9	-	Target
HE20	MCS0	1	165	5825	52/40	11.00	-		30.00	-	2.70	-	Pass	12	-	Target
HE20	MCS0	1	165	5825	106/54	13.30	-		30.00	-	2.70	-	Pass	14	-	Target

Report Number : FR640815F

TEST RESULTS DATA
Power Spectral Density

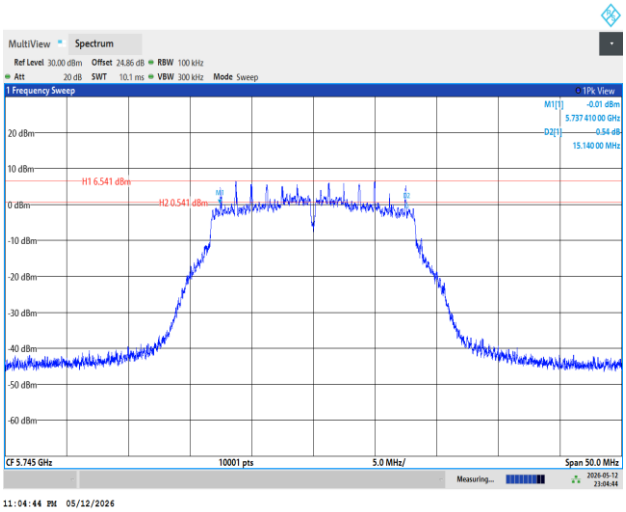
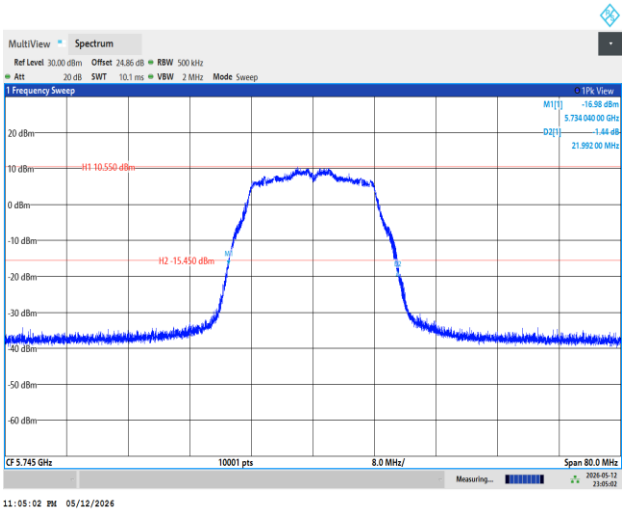
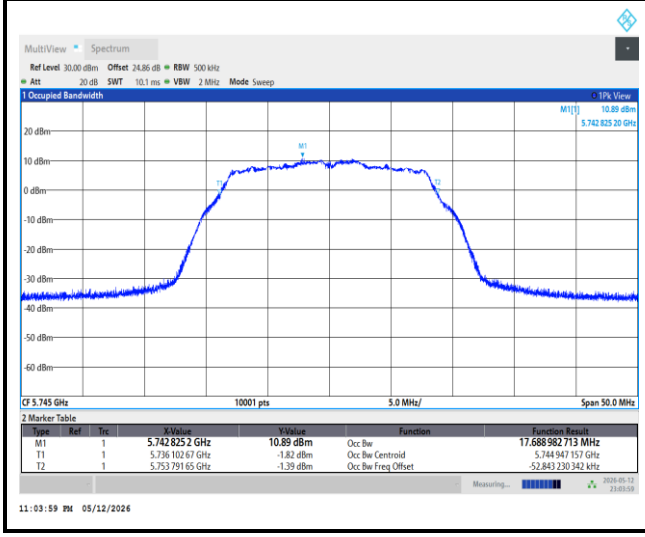
U-NII-3 single antenna															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	1	149	5745	Full	0.07	-	2.50	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	149	5745	26/0	0.14	-	2.35	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	149	5745	52/37	0.13	-	2.48	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	149	5745	106/53	0.13	-	2.03	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	157	5785	Full	0.07	-	2.28	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	157	5785	26/4	0.14	-	2.26	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	157	5785	52/38	0.13	-	2.14	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	157	5785	106/53	0.13	-	1.91	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	165	5825	Full	0.07	-	2.25	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	165	5825	26/8	0.14	-	2.18	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	165	5825	52/40	0.13	-	2.23	-		30.00	-	2.70	-	Pass
HE20	MCS0	1	165	5825	106/54	0.13	-	2.10	-		30.00	-	2.70	-	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

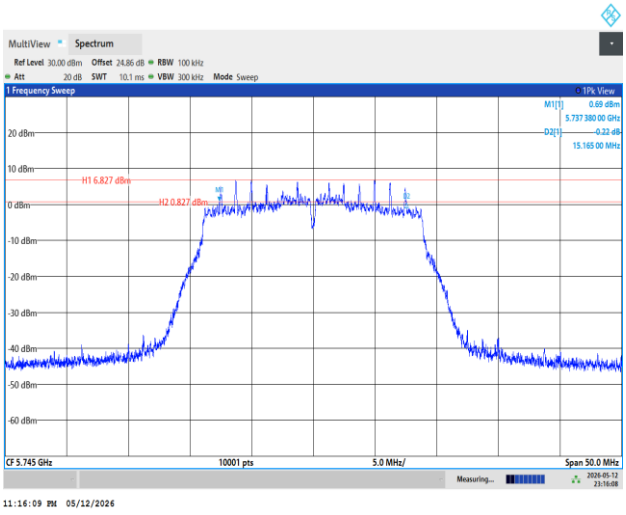
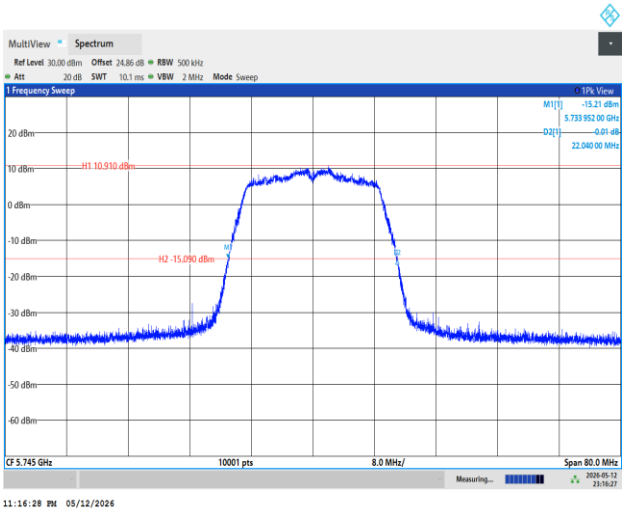
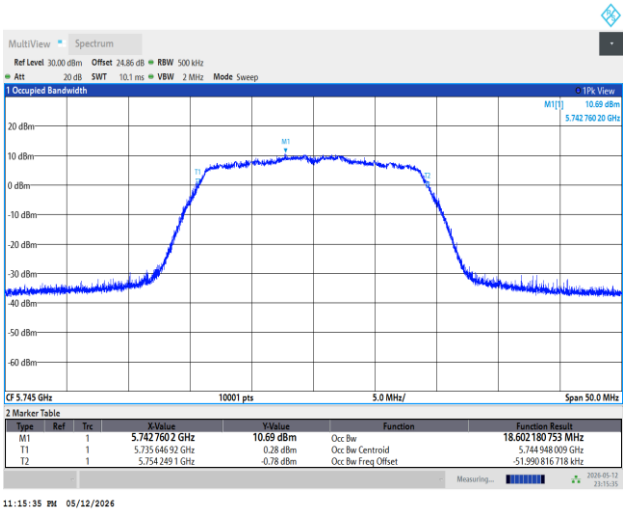
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

SISO <Ant. 1>

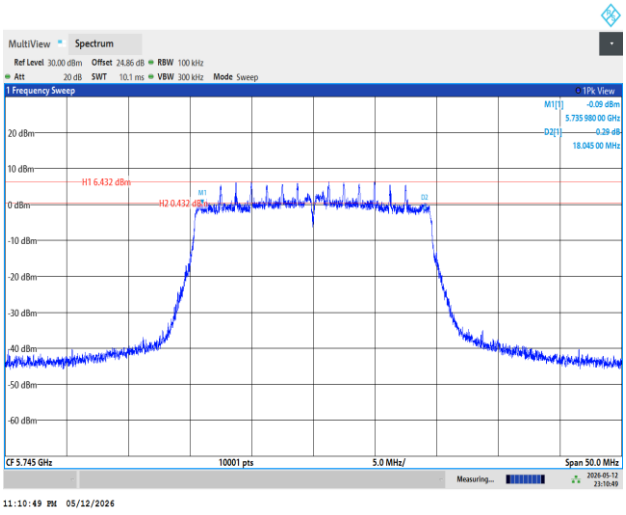
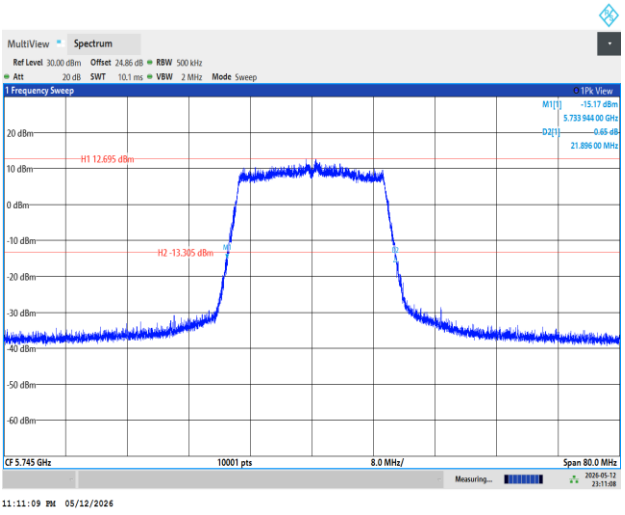
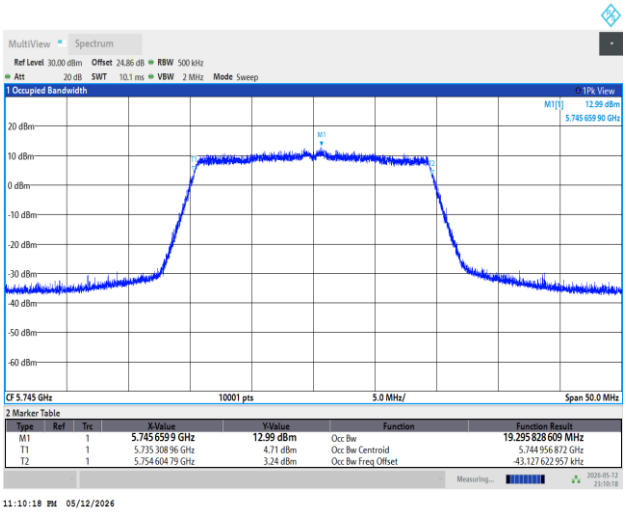
<802.11a>

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

<802.11an HT20>

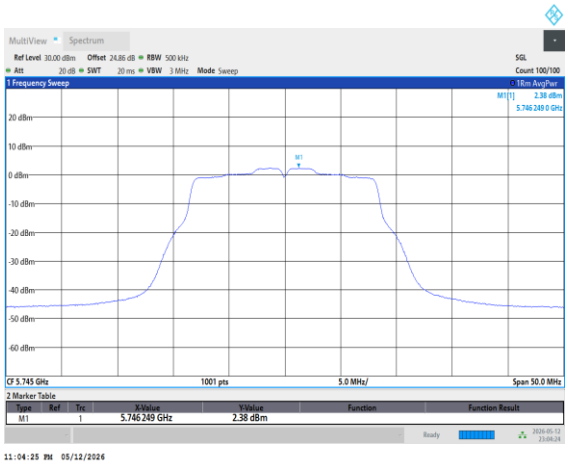
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ax HE20>

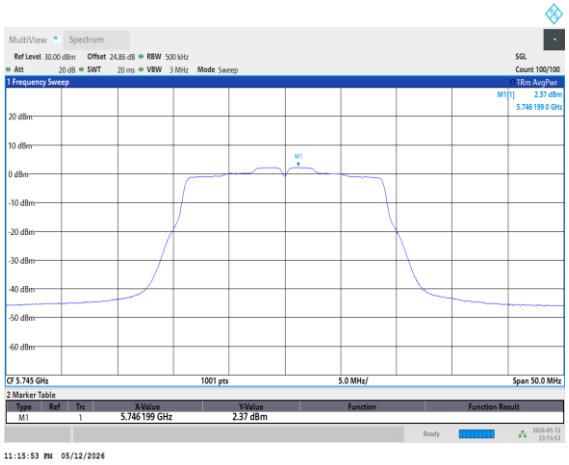
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

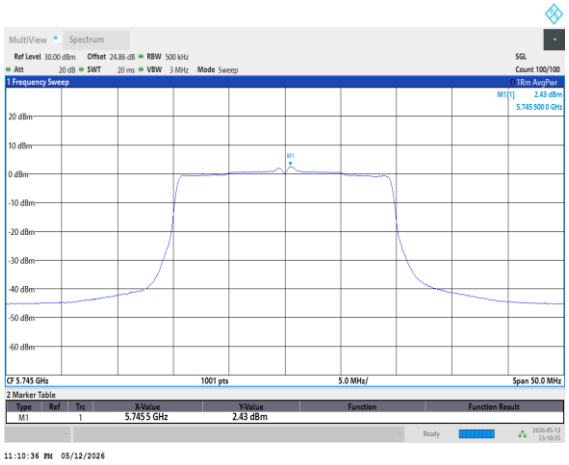
<802.11a>

Maximum Power Density Plot (dBm/500kHz)
Ant. 1


<802.11an HT20>

Maximum Power Density Plot (dBm/500kHz)
Ant. 1


<802.11ax HE20>

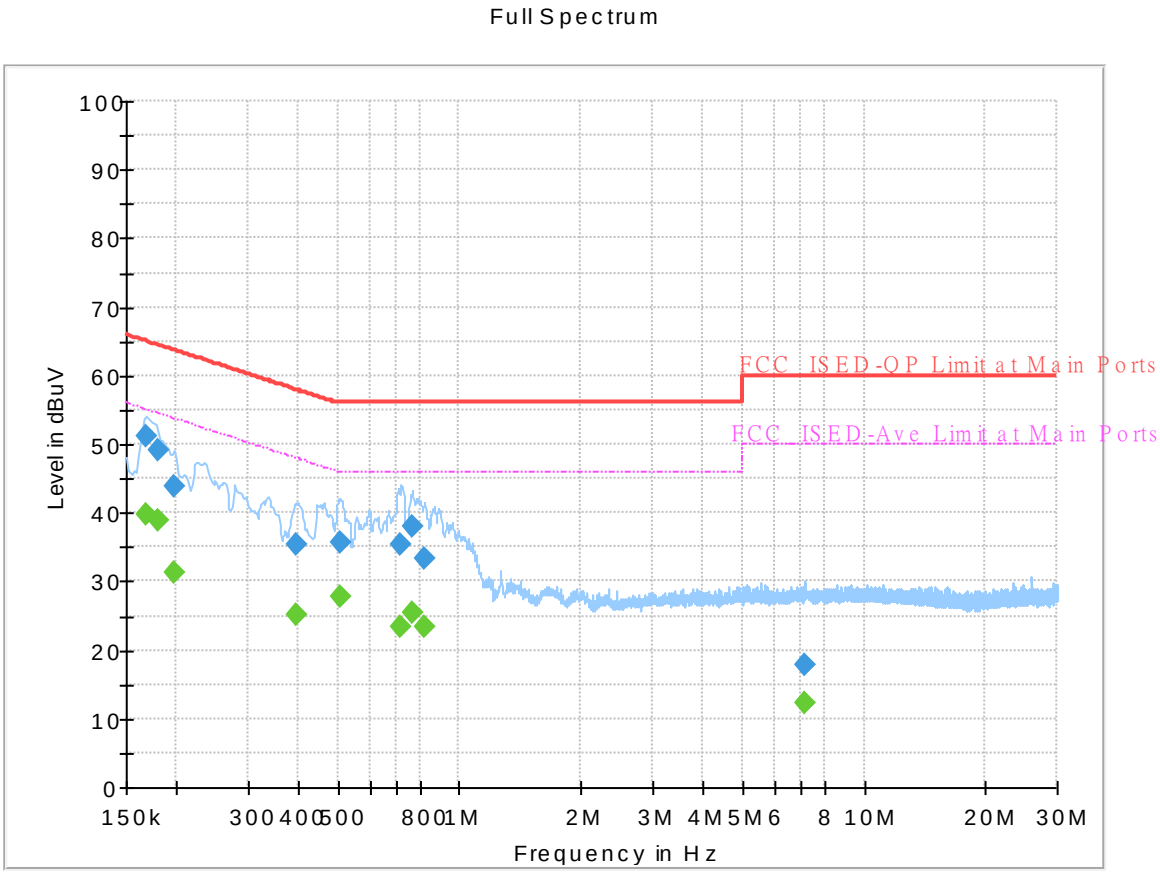
Maximum Power Density Plot (dBm/500kHz)
Ant. 1


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

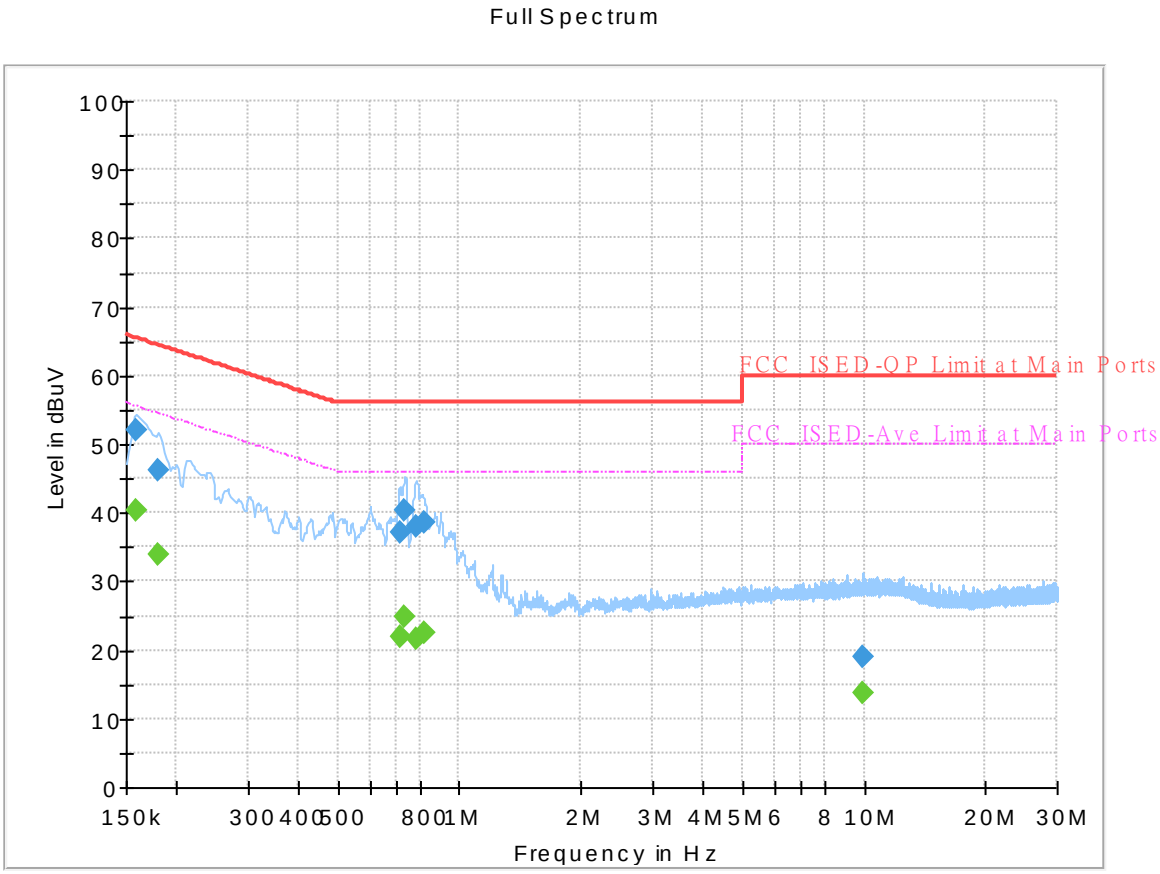


Final_Result

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**

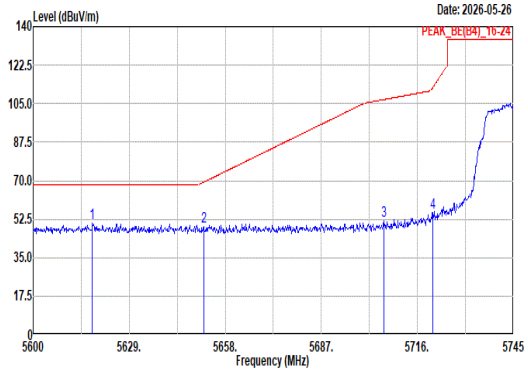
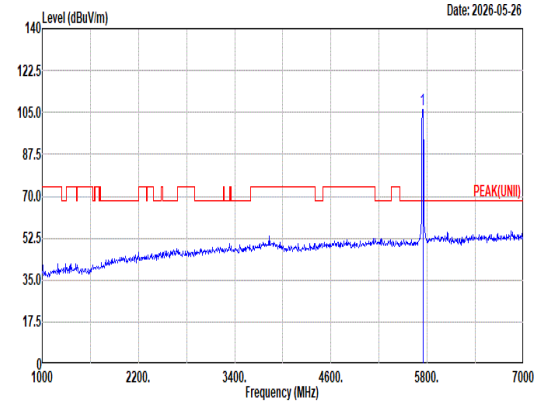
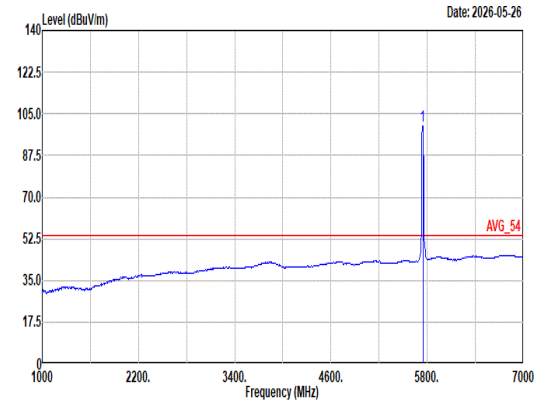
C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 30	U-NII-3	5.725-5.85	1	802.11a	149	5745	6Mbps	-	-
Mode 31	U-NII-3	5.725-5.85	1	802.11a	157	5785	6Mbps	-	-
Mode 32	U-NII-3	5.725-5.85	1	802.11a	165	5825	6Mbps	-	-
Mode 33	U-NII-3	5.725-5.85	1	802.11ax HE20	149	5745	MCS0	Full RU	-
Mode 34	U-NII-3	5.725-5.85	1	802.11ax HE20	157	5785	MCS0	Full RU	-
Mode 35	U-NII-3	5.725-5.85	1	802.11ax HE20	165	5825	MCS0	Full RU	-
Mode 36	U-NII-3	5.725-5.85	1	802.11n HT20	165	5825	MCS0	-	-
Mode 37	U-NII-3	5.725-5.85	1	802.11ax HE20	149	5745	MCS0	Partial RU 106/53	-
Mode 38	U-NII-3	5.725-5.85	1	802.11ax HE20	165	5825	MCS0	Partial RU 106/54	-
Mode 39	U-NII-3	5.725-5.85	1	802.11a	165	5825	6Mbps	-	LF
Mode 40	U-NII-3	5.725-5.85	1	802.11a	165	5825	6Mbps	-	SHF

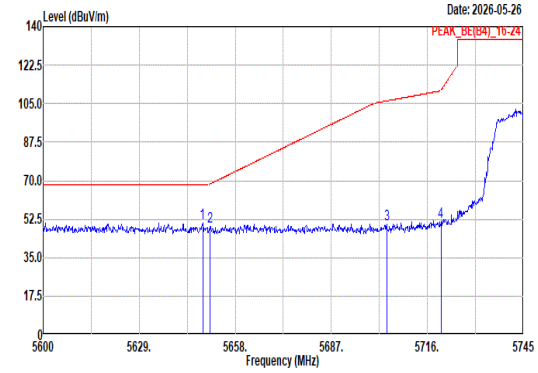
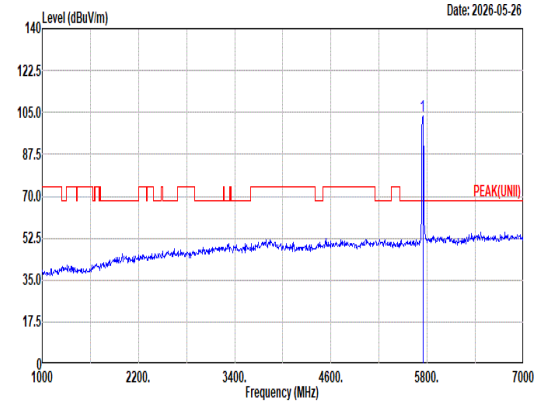
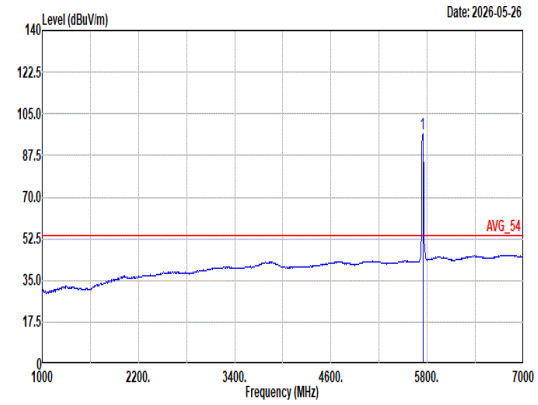
C2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
30	802.11a	149	5617.84	50.56	68.20	-17.64	H	Peak	Pass	-	Band Edge
	802.11a	149	17235.00	51.59	68.20	-16.61	V	Peak	Pass	-	Harmonic
31	802.11a	157	5926.08	53.21	68.20	-14.99	H	Peak	Pass	-	Band Edge
	802.11a	157	17355.00	51.36	68.20	-16.84	V	Peak	Pass	-	Harmonic
32	802.11a	165	5947.25	53.54	68.20	-14.66	H	Peak	Pass	-	Band Edge
	802.11a	165	17475.00	51.33	68.20	-16.87	H	Peak	Pass	-	Harmonic
33	802.11ax HE20	149	5613.63	51.14	68.20	-17.06	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	149	17235.00	51.24	68.20	-16.96	V	Peak	Pass	Full RU	Harmonic
34	802.11ax HE20	157	5943.07	51.55	68.20	-16.65	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	157	17355.00	50.94	68.20	-17.26	V	Peak	Pass	Full RU	Harmonic
35	802.11ax HE20	165	5935.38	52.22	68.20	-15.98	H	Peak	Pass	Full RU	Band Edge

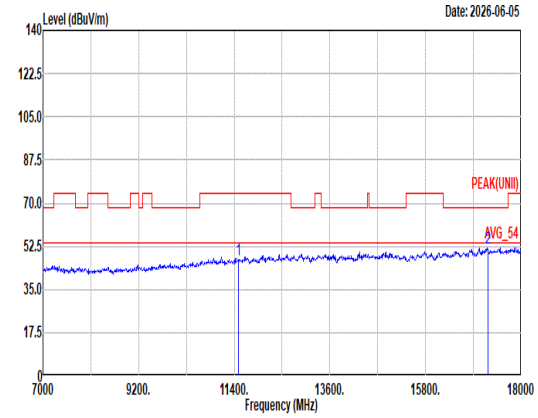
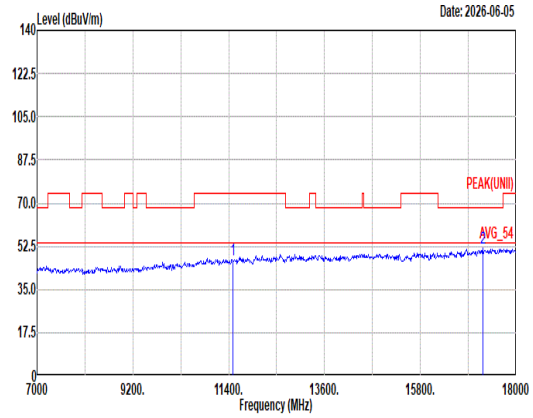
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
35	802.11ax HE20	165	17475.00	51.12	68.20	-17.08	H	Peak	Pass	Full RU	Harmonic
36	802.11n HT20	165	5946.63	53.21	68.20	-14.99	H	Peak	Pass	-	Band Edge
	802.11n HT20	165	17475.00	51.89	68.20	-16.31	H	Peak	Pass	-	Harmonic
37	802.11ax HE20	149	5625.09	51.17	68.20	-17.03	H	Peak	Pass	Partial RU 106/53	Band Edge
	802.11ax HE20	149	17235.00	51.15	68.20	-17.05	H	Peak	Pass	Partial RU 106/53	Harmonic
38	802.11ax HE20	165	5927.75	53.21	68.20	-14.99	H	Peak	Pass	Partial RU 106/54	Band Edge
	802.11ax HE20	165	17475.00	51.57	68.20	-16.63	V	Peak	Pass	Partial RU 106/54	Harmonic
39	LF	165	30.00	31.18	40.00	-8.82	V	Peak	Pass	-	LF
40	SHF	165	39461.74	44.53	74.00	-29.47	H	Peak	Pass	-	SHF

Mode	30	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5617.84 50.56 68.20 -17.64 37.49 34.94 13.20 35.07 0.00 362 140 Peak 2 5651.48 49.16 69.30 -20.14 36.00 35.00 13.23 35.07 0.00 362 140 Peak 3 5705.85 51.59 106.84 -55.25 38.28 35.10 13.28 35.07 0.00 362 140 Peak 4 5720.64 55.73 112.26 -56.53 42.41 35.10 13.29 35.07 0.00 362 140 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 5745.00 106.09 ------ ------ 92.75 35.10 13.31 35.07 0.00 362 140 Peak
Avg	Blank	 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 5745.00 100.08 ------ ------ 86.74 35.10 13.31 35.07 0.00 362 140 Average

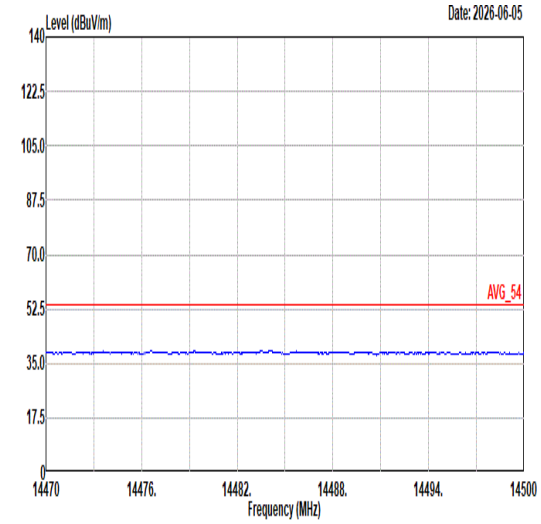
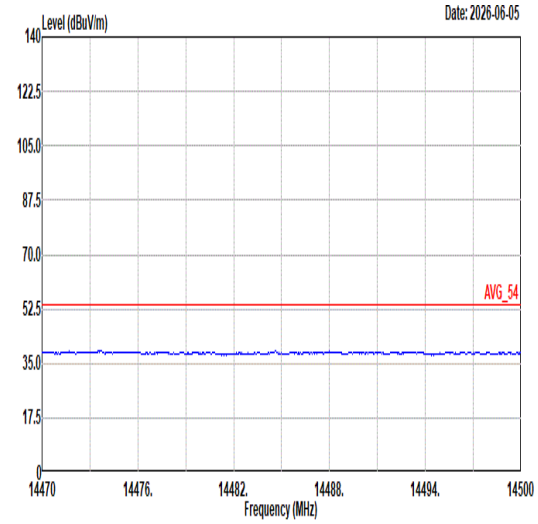
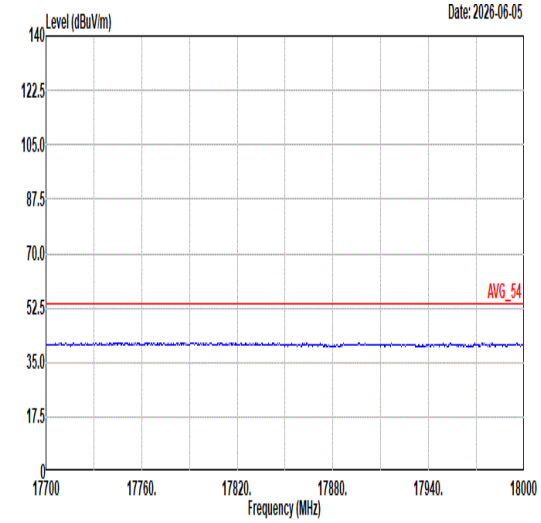
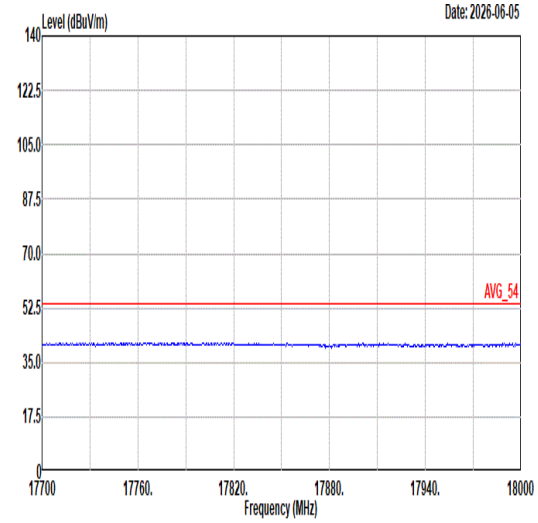
Remark: In the left figure, points 1.2.3 are the noise floor

Mode	30	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 1 5648.14 50.51 68.20 -17.69 37.36 35.00 13.22 35.07 0.00 381 61 Peak 2 5650.46 49.17 68.54 -19.37 36.01 35.00 13.23 35.07 0.00 381 61 Peak 3 5703.68 50.20 106.23 -56.03 36.90 35.10 13.27 35.07 0.00 381 61 Peak 4 5720.06 51.49 110.94 -59.45 38.17 35.10 13.29 35.07 0.00 381 61 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 1 5745.00 103.36 ------ ------ 90.02 35.10 13.31 35.07 0.00 381 61 Peak
Avg	Blank	 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 1 5745.00 96.88 ------ ------ 83.54 35.10 13.31 35.07 0.00 381 61 Average

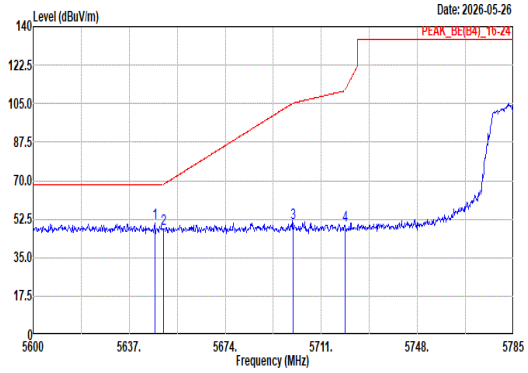
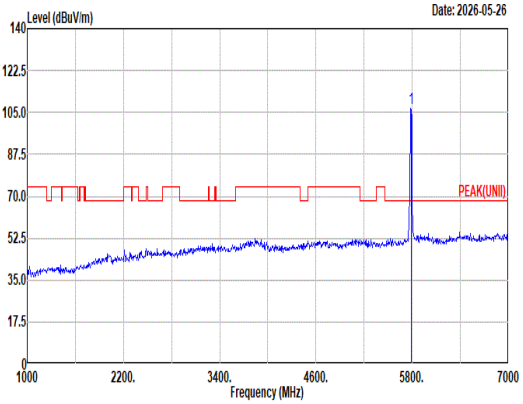
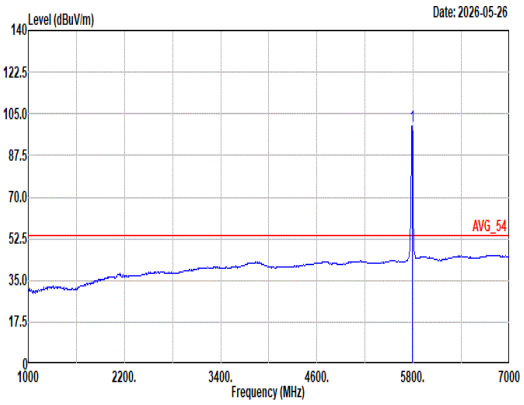
Remark: In the left figure, points 1.2.3 are the noise floor

Mode	30	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
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 11490.00 47.06 74.00 -26.94 45.47 38.48 18.72 56.93 1.32 -- -- Peak 2 17235.00 51.58 68.20 -16.62 41.68 41.87 22.57 55.97 1.43 -- -- 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 11490.00 47.15 74.00 -26.85 45.56 38.48 18.72 56.93 1.32 -- -- Peak 2 17235.00 51.59 68.20 -16.61 41.69 41.87 22.57 55.97 1.43 -- -- Peak

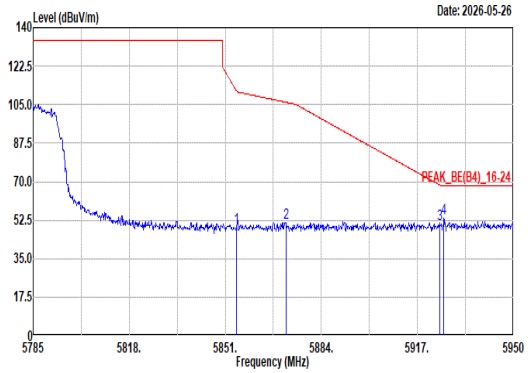
Remark: In the figure, points 1 and 2 are the noise floor

Mode	30	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
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	31
	Band Edge - L
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz
ANT	1

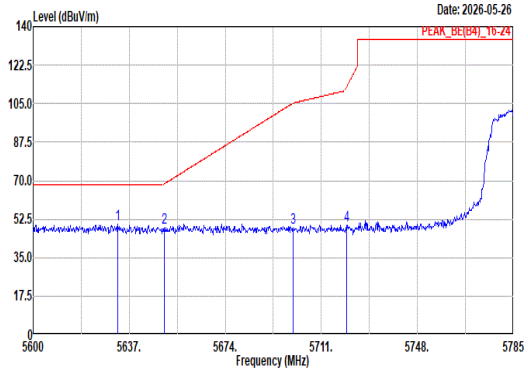
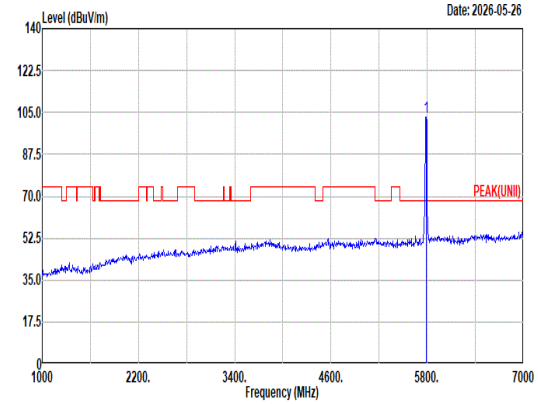
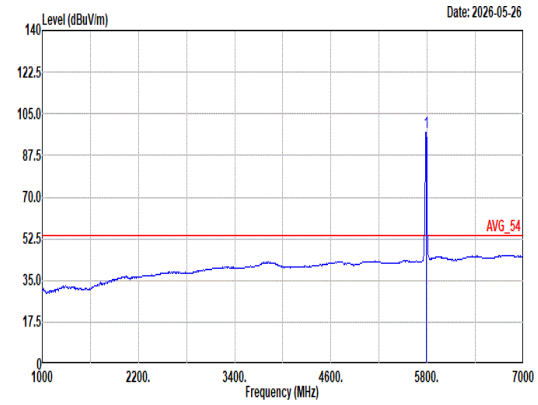
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5646.81 50.46 68.20 -17.74 37.32 34.99 13.22 35.07 0.00 100 140 Peak 2 5650.14 48.26 68.30 -20.04 35.10 35.00 13.23 35.07 0.00 100 140 Peak 3 5700.09 50.83 105.22 -54.39 37.53 35.10 13.27 35.07 0.00 100 140 Peak 4 5720.07 49.46 110.95 -61.49 36.14 35.10 13.29 35.07 0.00 100 140 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 5785.00 106.64 ------ ------ 93.20 35.16 13.34 35.06 0.00 100 140 Peak
Avg	Blank	 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 5785.00 99.79 ------ ------ 86.35 35.16 13.34 35.06 0.00 100 140 Average

Remark: In the left figure, points 1.2.3.4 are the noise floor

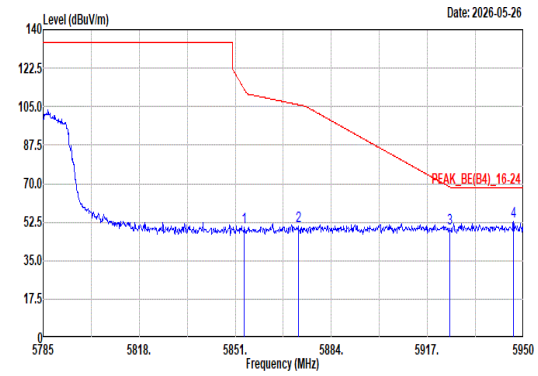
Mode	31	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 49.29 110.89 -61.60 35.72 35.22 13.41 35.06 0.00 100 140 Peak 2 5871.79 51.42 106.10 -54.68 37.77 35.29 13.42 35.06 0.00 100 140 Peak 3 5924.76 50.88 68.38 -17.50 37.01 35.45 13.47 35.05 0.00 100 140 Peak 4 5926.08 53.21 68.20 -14.99 39.34 35.45 13.47 35.05 0.00 100 140 Peak	Blank

Remark: In the left figure, points 1.2.3.4 are the noise floor

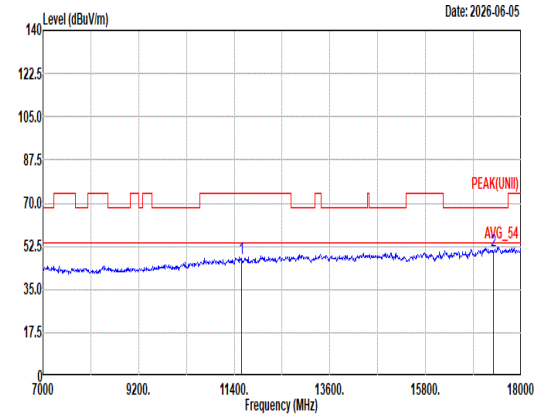
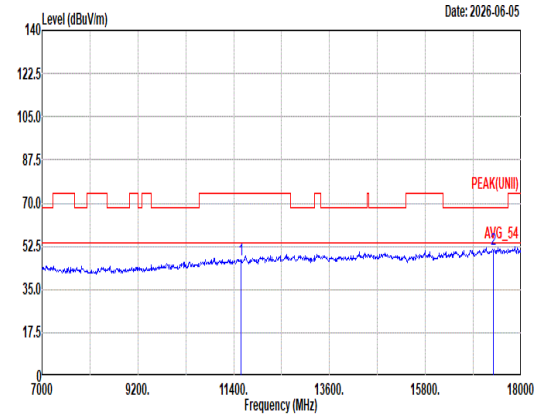
Mode	31
	Band Edge - L
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz
ANT	1

Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5632.56 50.07 68.20 -18.13 36.96 34.97 13.21 35.07 0.00 396 60 Peak 2 5650.51 48.41 68.58 -20.17 35.25 35.00 13.23 35.07 0.00 396 60 Peak 3 5700.27 48.45 105.28 -56.83 35.15 35.10 13.27 35.07 0.00 396 60 Peak 4 5720.62 49.84 112.21 -62.37 36.52 35.10 13.29 35.07 0.00 396 60 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 5785.00 103.16 ------ ------ 89.69 35.18 13.35 35.06 0.00 396 60 Peak
Avg	Blank	 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 5785.00 97.21 ------ ------ 83.77 35.16 13.34 35.06 0.00 396 60 Average

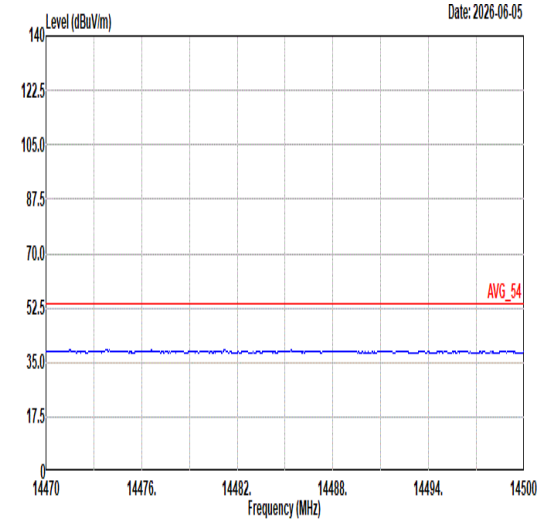
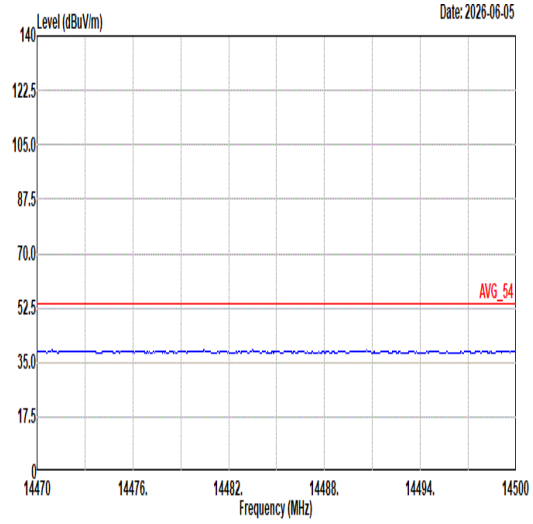
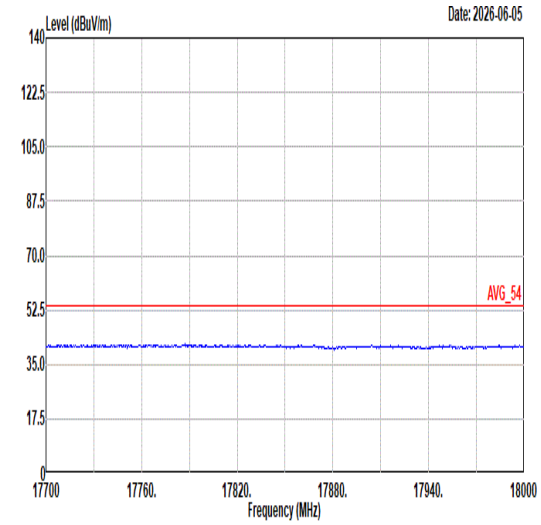
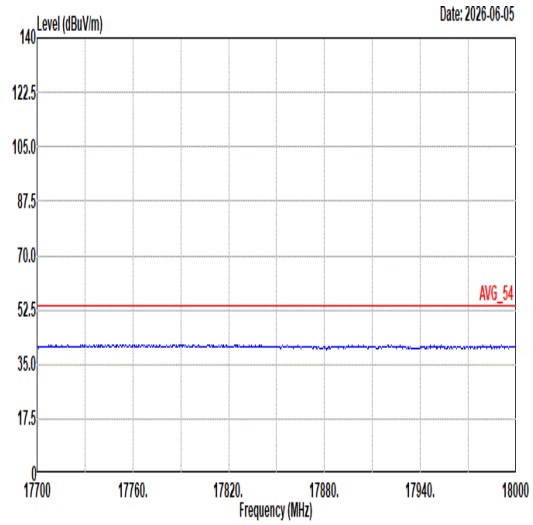
Remark: In the left figure, points 1.2.3.4 are the noise floor

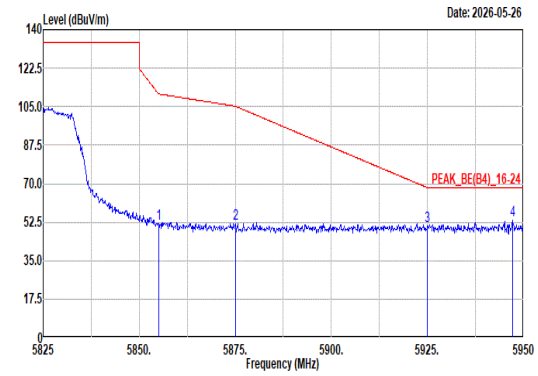
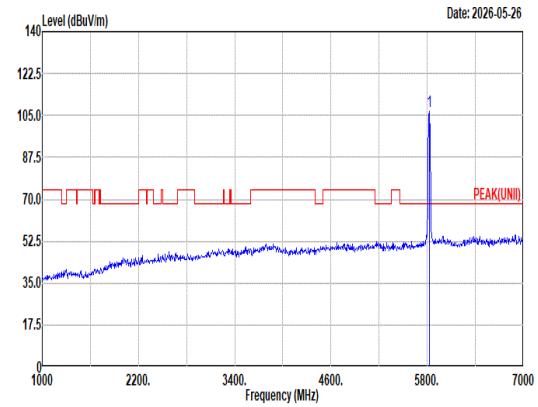
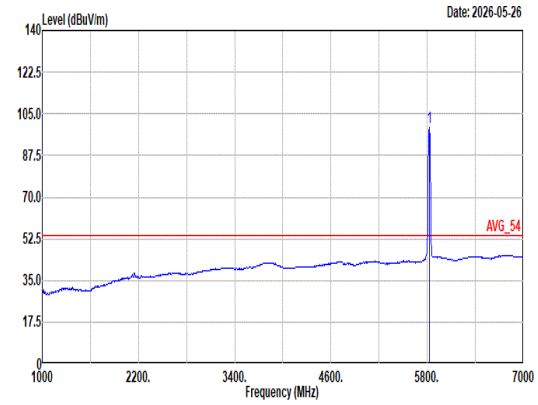
Mode	31	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.14 50.31 112.77 -62.46 36.74 35.22 13.41 35.06 0.00 396 60 Peak 2 5872.62 50.84 105.87 -55.03 37.18 35.29 13.43 35.06 0.00 396 60 Peak 3 5924.76 49.89 68.38 -18.49 36.02 35.45 13.47 35.05 0.00 396 60 Peak 4 5946.54 52.59 68.20 -15.61 38.66 35.49 13.49 35.05 0.00 396 60 Peak	Blank

Remark: In the left figure, points 1.2.3.4 are the noise floor

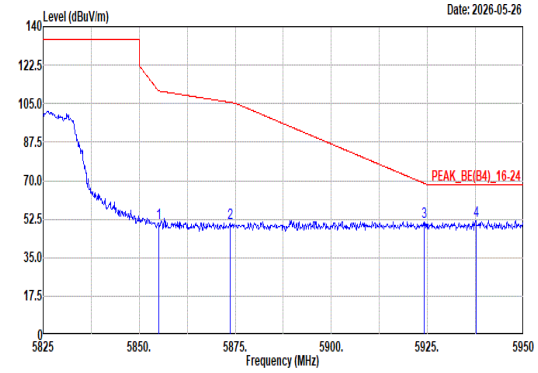
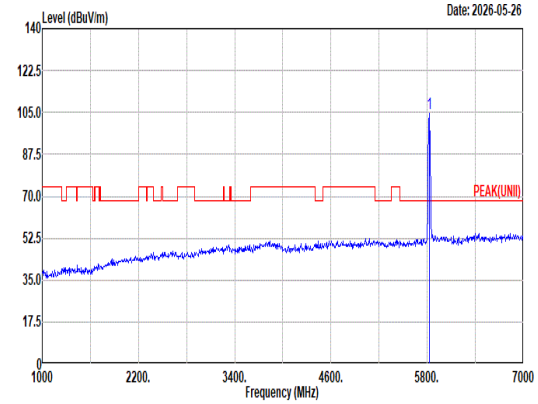
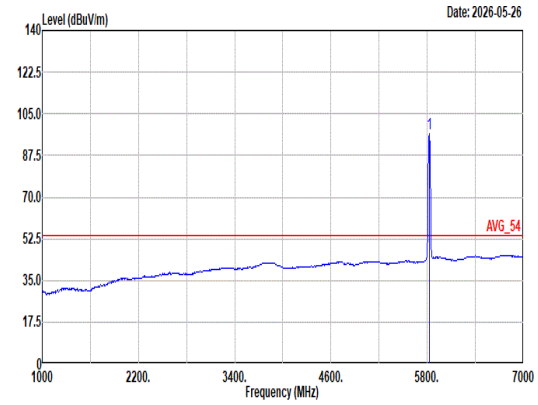
Mode	31	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11570.00 47.80 74.00 -26.20 45.83 38.64 18.80 56.80 1.33 -- -- Peak 2 17355.00 50.86 68.20 -17.34 41.17 41.53 22.62 55.91 1.45 -- -- 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 11570.00 47.23 74.00 -26.77 45.26 38.64 18.80 56.80 1.33 -- -- Peak 2 17355.00 51.36 68.20 -16.84 41.67 41.53 22.62 55.91 1.45 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

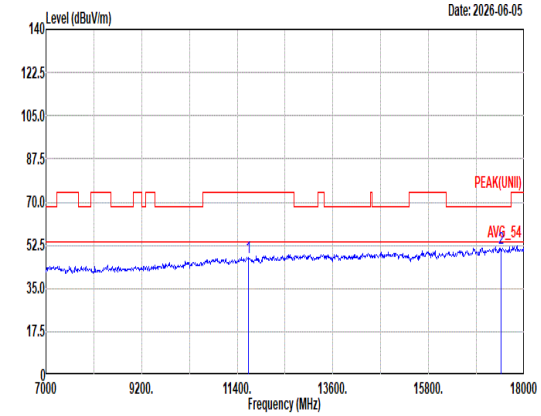
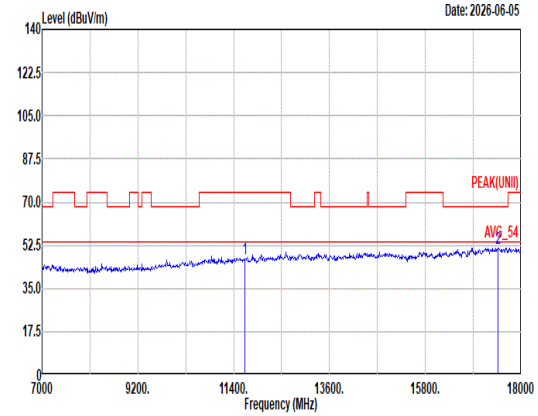
Mode	31	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	32	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5855.00 51.59 110.80 -59.21 38.02 35.22 13.41 35.06 0.00 100 138 Peak 2 5875.00 51.77 105.20 -53.43 38.10 35.30 13.43 35.06 0.00 100 138 Peak 3 5925.00 50.48 68.20 -17.72 36.61 35.45 13.47 35.05 0.00 100 138 Peak 4 5947.25 53.54 68.20 -14.66 39.61 35.49 13.49 35.05 0.00 100 138 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5825.00 106.65 ------ ------ 93.13 35.20 13.38 35.06 0.00 100 138 Peak
Avg	Blank	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5825.00 99.41 ------ ------ 85.89 35.20 13.38 35.06 0.00 100 138 Average

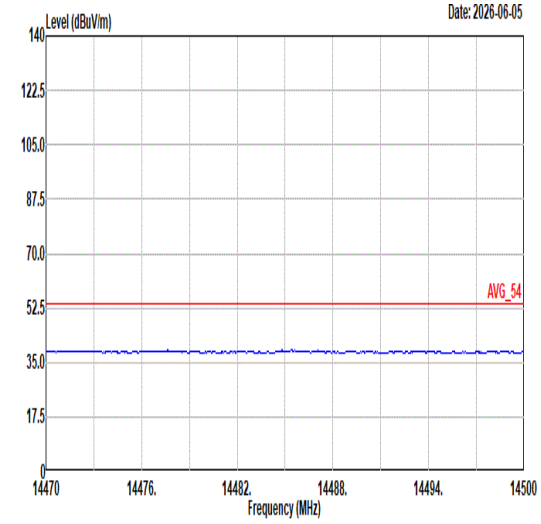
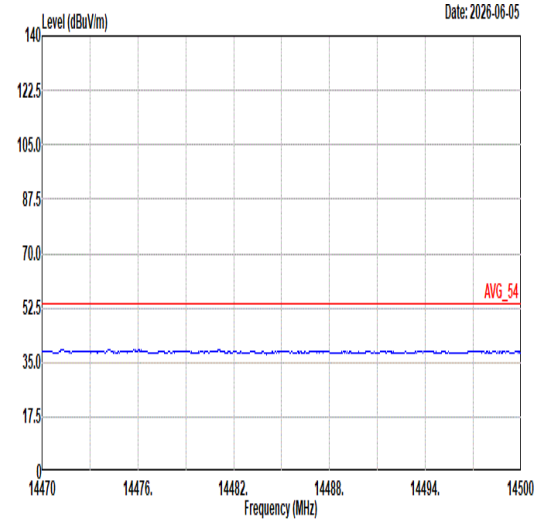
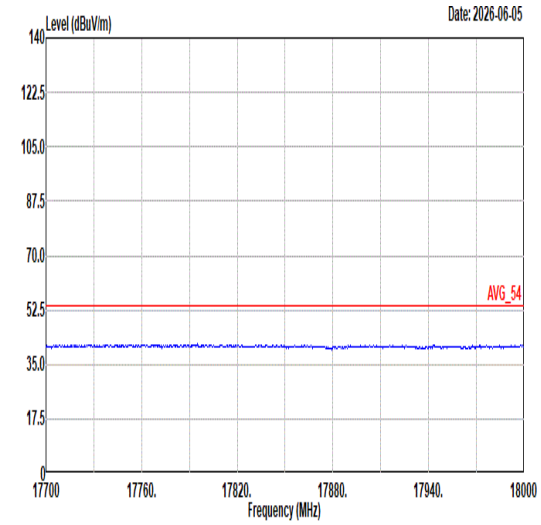
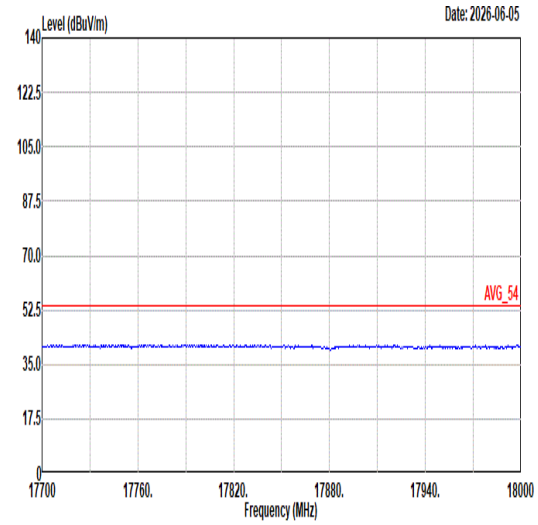
Remark: In the left figure, points 2.3.4 are the noise floor

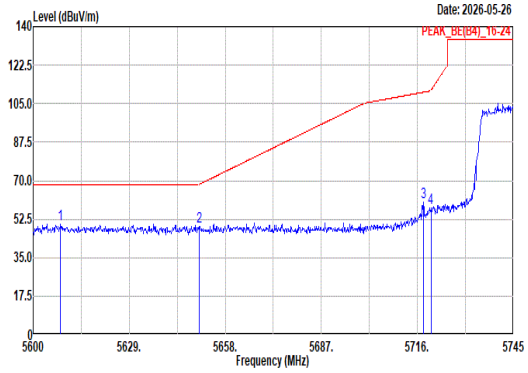
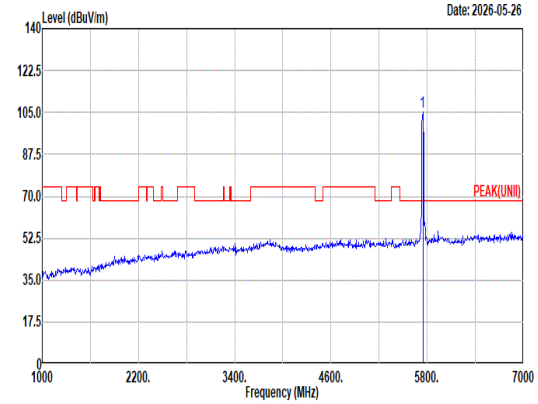
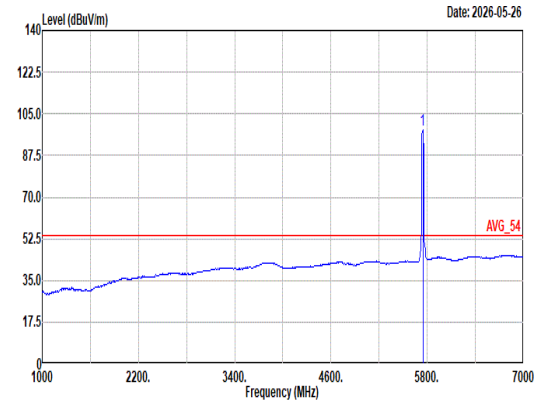
Mode	32	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 50.91 110.80 -59.89 37.34 35.22 13.41 35.06 0.00 390 55 Peak 2 5873.63 50.92 105.58 -54.66 37.26 35.29 13.43 35.06 0.00 390 55 Peak 3 5924.25 51.01 68.75 -17.74 37.14 35.45 13.47 35.05 0.00 390 55 Peak 4 5937.63 51.71 68.20 -16.49 37.80 35.48 13.48 35.05 0.00 390 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 5825.00 104.68 ------ ------ 91.16 35.20 13.38 35.06 0.00 390 55 Peak
Avg	Blank	 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 5825.00 96.52 ------ ------ 83.00 35.20 13.38 35.06 0.00 390 55 Average

Remark: In the left figure, points 2.3.4 are the noise floor

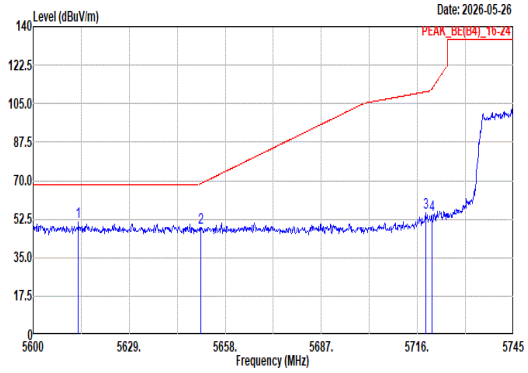
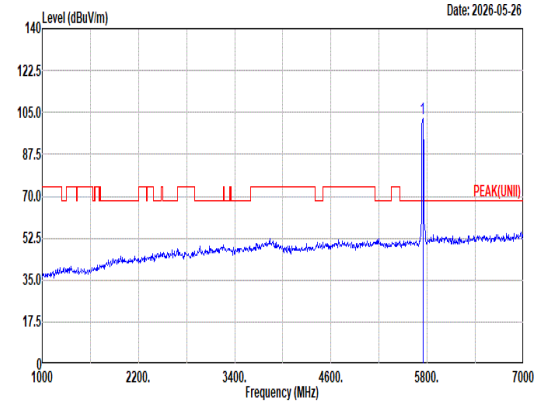
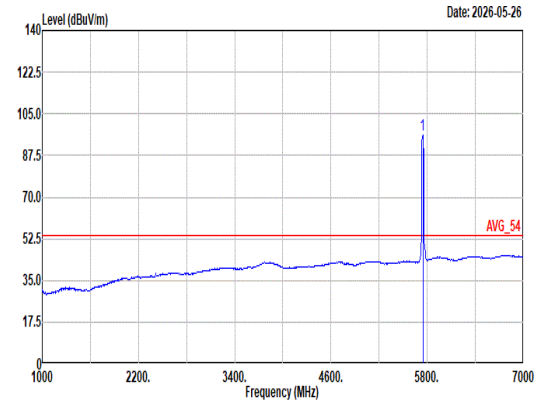
Mode	32	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.31 74.00 -26.69 45.16 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.33 68.20 -16.87 41.23 41.80 22.67 55.84 1.47 -- -- 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 11650.00 47.27 74.00 -26.73 45.12 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.28 68.20 -16.92 41.18 41.80 22.67 55.84 1.47 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

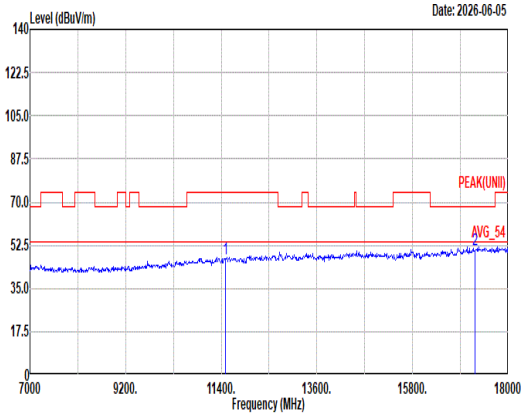
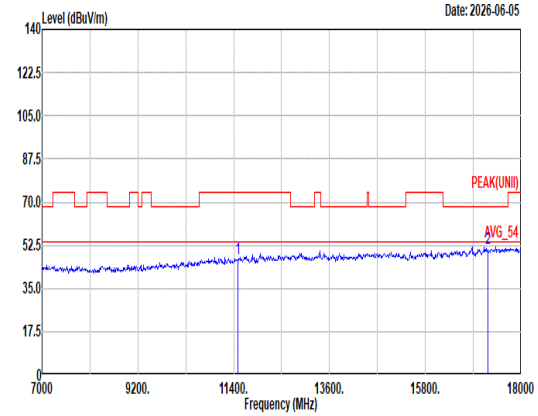
Mode	32	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	33	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5608.27 50.40 68.20 -17.80 37.36 34.92 13.19 35.07 0.00 343 144 Peak 2 5650.03 49.09 68.22 -19.13 35.93 35.00 13.23 35.07 0.00 343 144 Peak 3 5717.89 59.99 110.21 -50.22 46.67 35.10 13.29 35.07 0.00 343 144 Peak 4 5720.06 57.46 110.94 -53.48 44.14 35.10 13.29 35.07 0.00 343 144 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 5745.00 105.25 ------ ------ 91.89 35.10 13.32 35.06 0.00 343 144 Peak
Avg	Blank	 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 5745.00 98.32 ------ ------ 84.98 35.10 13.31 35.07 0.00 343 144 Average

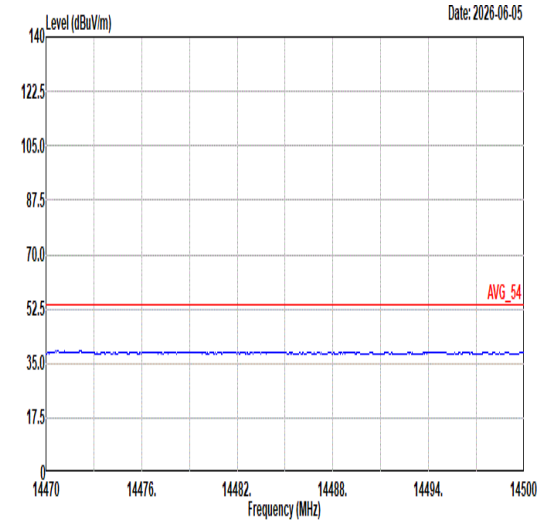
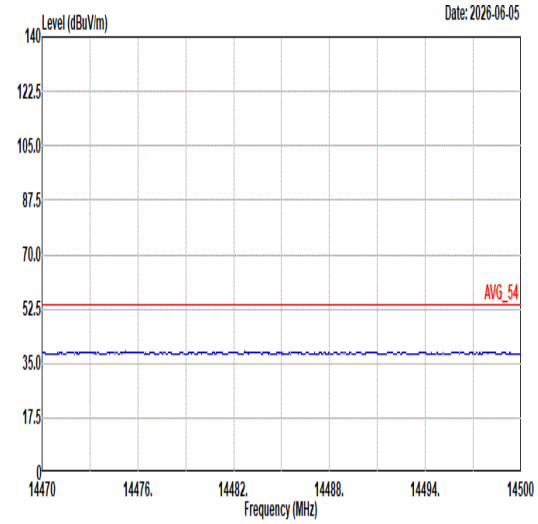
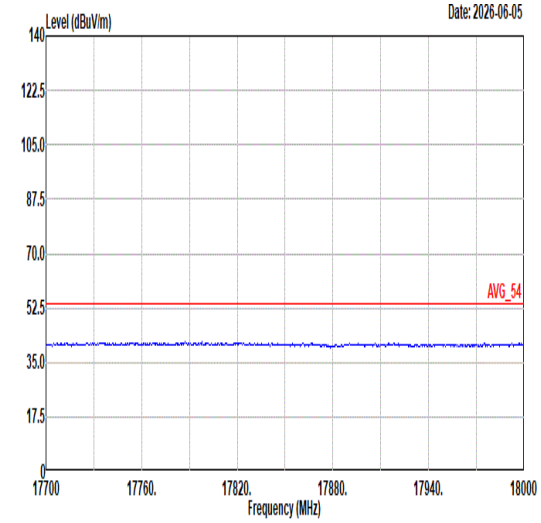
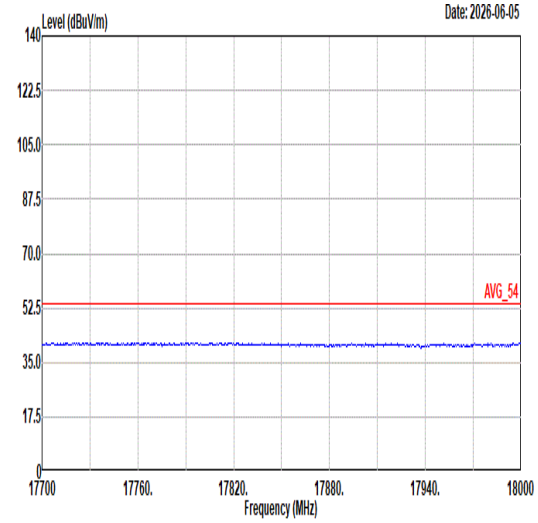
Remark: In the left figure, points 1.2 are the noise floor

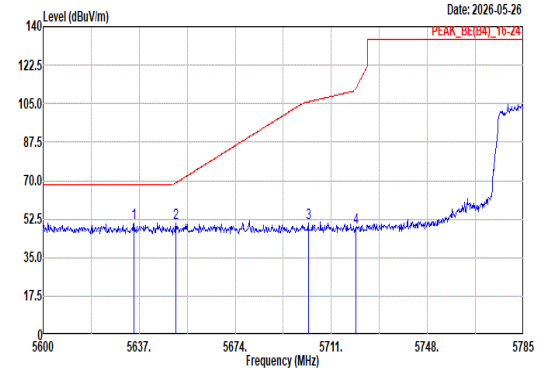
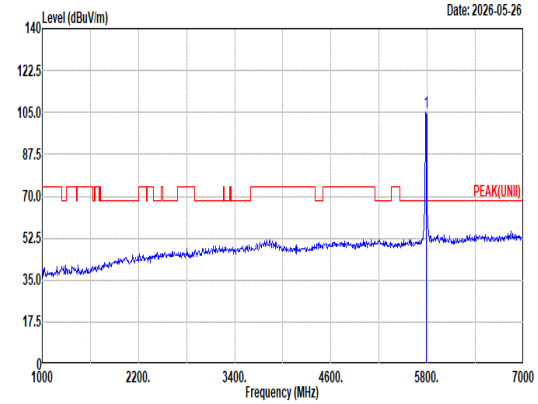
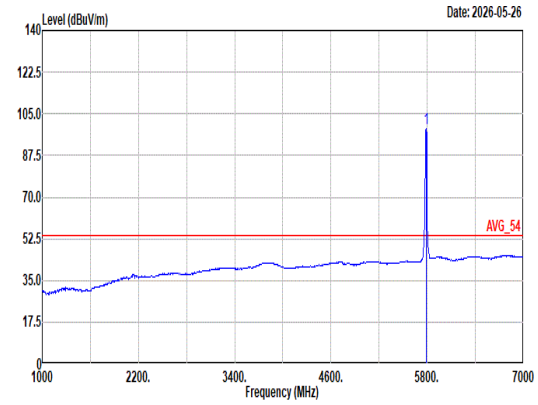
Mode	33	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5613.63 51.14 68.20 -17.06 38.09 34.93 13.19 35.07 0.00 342 55 Peak 2 5650.61 48.81 68.65 -19.84 35.65 35.00 13.23 35.07 0.00 342 55 Peak 3 5718.47 55.43 110.37 -54.94 42.11 35.10 13.29 35.07 0.00 342 55 Peak 4 5720.35 54.36 111.60 -57.24 41.04 35.10 13.29 35.07 0.00 342 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 5745.00 102.23 ------ ------ 88.89 35.10 13.31 35.07 0.00 342 55 Peak
Avg	Blank	 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 5745.00 95.99 ------ ------ 82.65 35.10 13.31 35.07 0.00 342 55 Average

Remark: In the left figure, points 1.2 are the noise floor

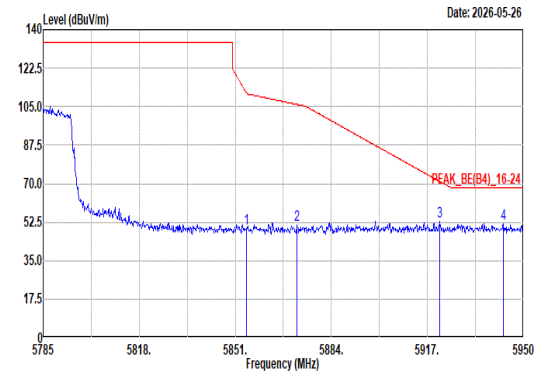
Mode	33	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11490.00 47.06 74.00 -26.94 45.47 38.48 18.72 56.93 1.32 -- -- Peak 2 17235.00 50.49 68.20 -17.71 40.59 41.87 22.57 55.97 1.43 -- -- 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 11490.00 46.79 74.00 -27.21 45.20 38.48 18.72 56.93 1.32 -- -- Peak 2 17235.00 51.24 68.20 -16.96 41.34 41.87 22.57 55.97 1.43 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

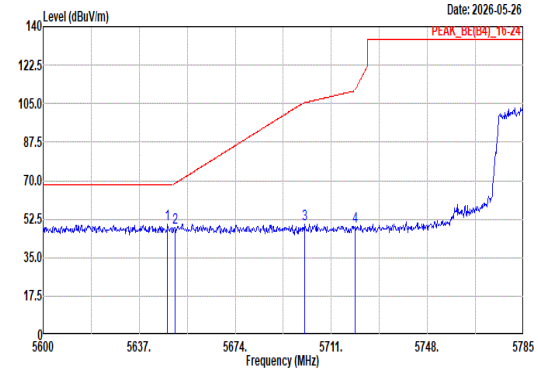
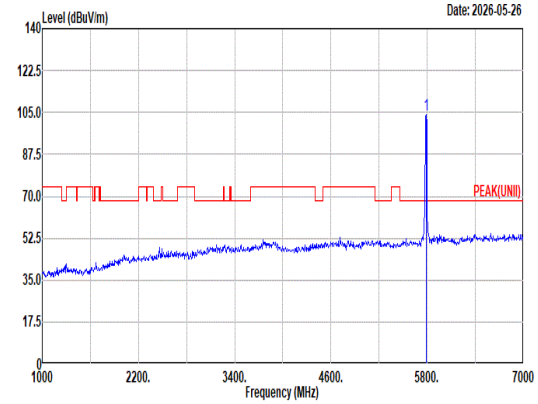
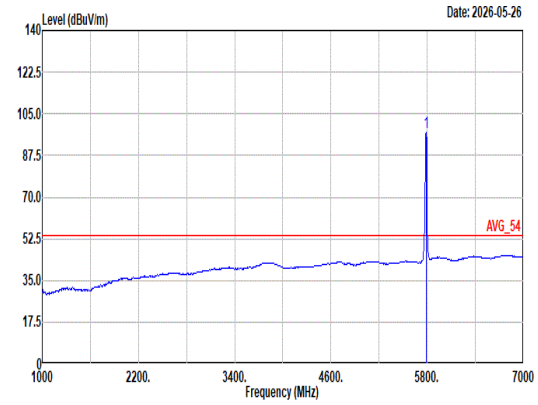
Mode	33	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	34	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 1 5634.97 50.55 68.20 -17.65 37.44 34.97 13.21 35.07 0.00 100 138 Peak 2 5651.25 50.57 69.13 -18.56 37.41 35.00 13.23 35.07 0.00 100 138 Peak 3 5702.12 50.65 105.79 -55.14 37.35 35.10 13.27 35.07 0.00 100 138 Peak 4 5720.44 48.62 111.79 -63.17 35.30 35.10 13.29 35.07 0.00 100 138 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 1 5785.00 105.05 ------ ------ 91.61 35.16 13.34 35.06 0.00 100 138 Peak
Avg	Blank	 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 1 5785.00 98.81 ------ ------ 85.34 35.18 13.35 35.06 0.00 100 138 Average

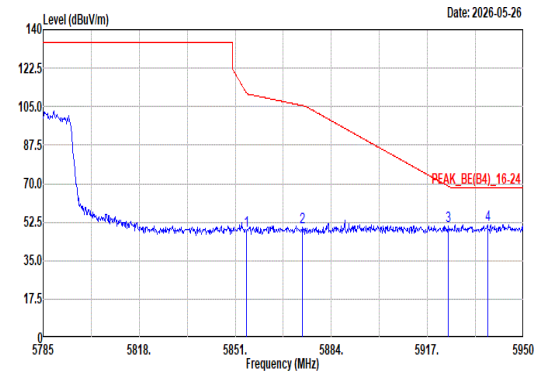
Remark: In the left figure, points 1.2.3.4 are the noise floor

Mode	34	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5854.96 49.56 110.89 -61.33 35.99 35.22 13.41 35.06 0.00 100 138 Peak 2 5872.29 51.22 105.96 -54.74 37.56 35.29 13.43 35.06 0.00 100 138 Peak 3 5921.29 52.81 70.93 -18.12 38.95 35.44 13.47 35.05 0.00 100 138 Peak 4 5943.07 51.55 68.20 -16.65 37.62 35.49 13.49 35.05 0.00 100 138 Peak	Blank

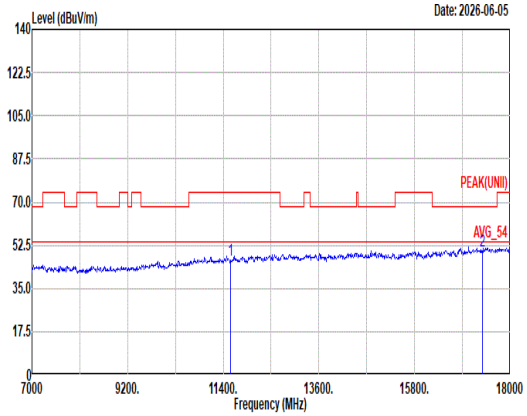
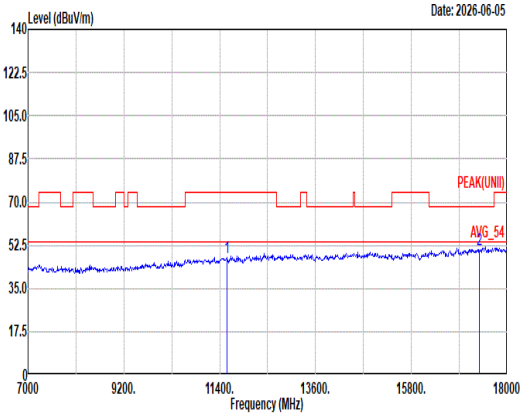
Remark: In the left figure, points 1.2.3.4 are the noise floor

Mode	34	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5647.92 50.11 68.20 -18.09 36.96 35.00 13.22 35.07 0.00 378 62 Peak 2 5650.69 48.85 68.71 -19.86 35.69 35.00 13.23 35.07 0.00 378 62 Peak 3 5700.64 49.97 105.38 -55.41 36.67 35.10 13.27 35.07 0.00 378 62 Peak 4 5720.07 49.18 110.95 -61.77 35.86 35.10 13.29 35.07 0.00 378 62 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 5785.00 103.88 ------ ------ 90.41 35.18 13.35 35.06 0.00 378 62 Peak
Avg	Blank	 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 5785.00 97.09 ------ ------ 83.62 35.18 13.35 35.06 0.00 378 62 Average

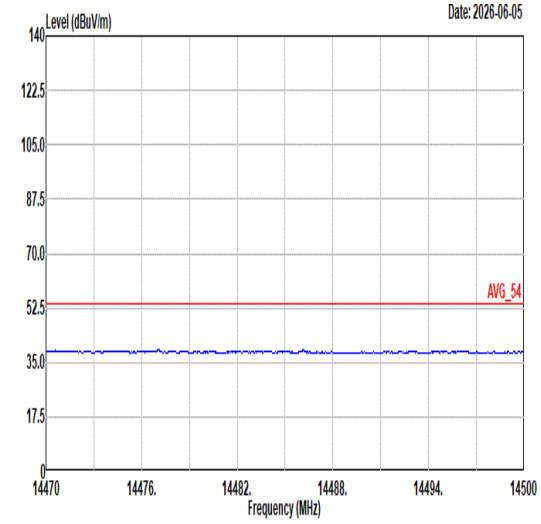
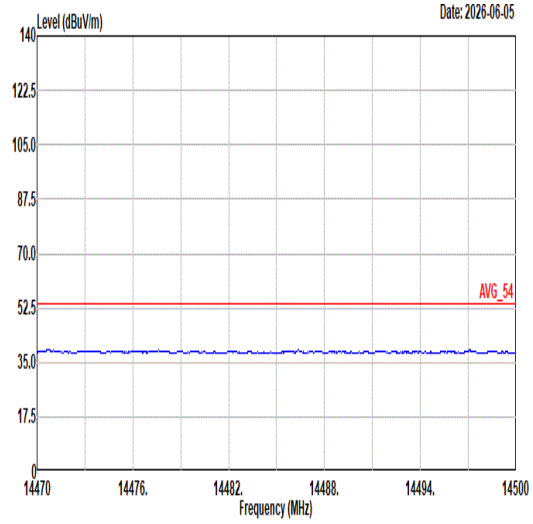
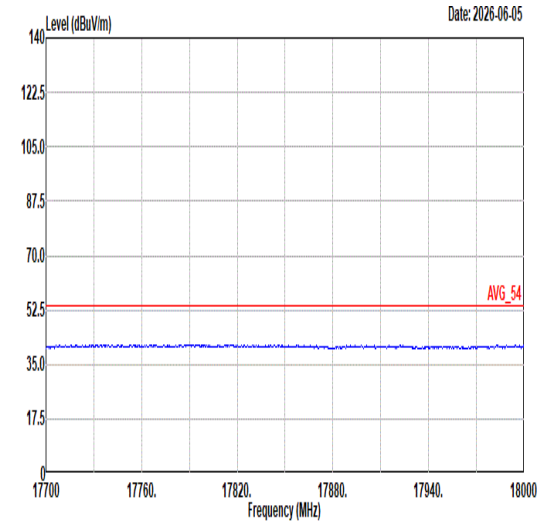
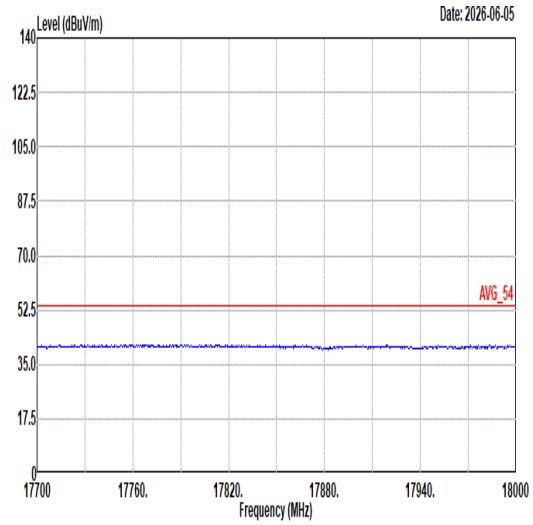
Remark: In the left figure, points 1.2.3.4 are the noise floor

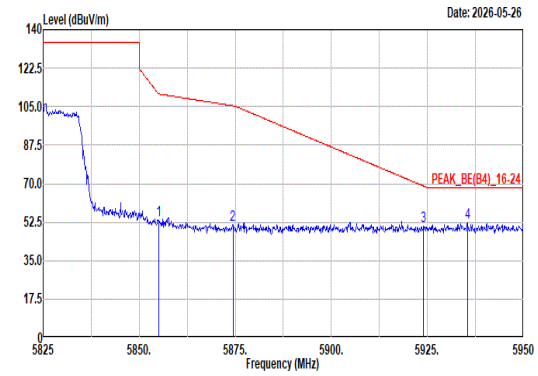
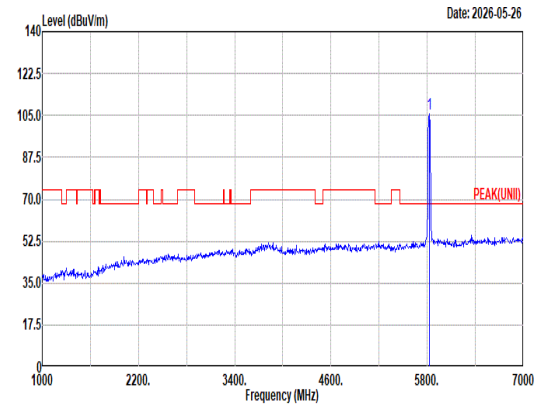
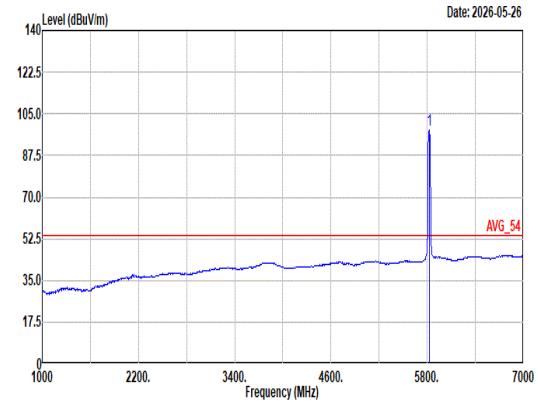
Mode	34	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 48.78 111.27 -62.49 35.21 35.22 13.41 35.06 0.00 378 62 Peak 2 5874.10 50.13 105.45 -55.32 36.46 35.30 13.43 35.06 0.00 378 62 Peak 3 5924.10 50.88 68.87 -17.99 37.01 35.45 13.47 35.05 0.00 378 62 Peak 4 5937.63 51.42 68.20 -16.78 37.51 35.48 13.48 35.05 0.00 378 62 Peak	Blank

Remark: In the left figure, points 1.2.3.4 are the noise floor

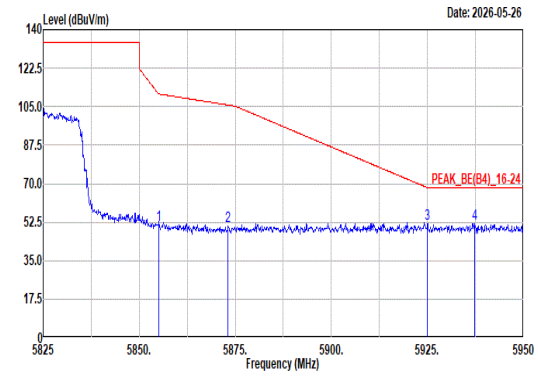
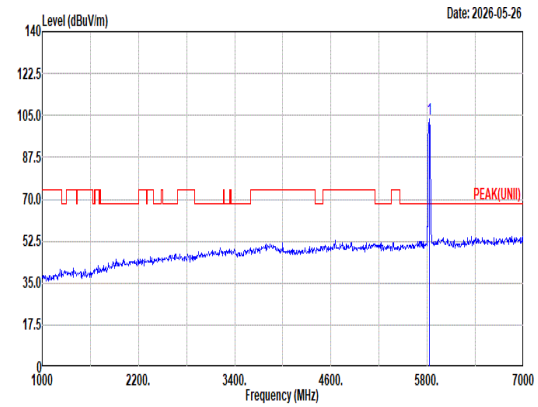
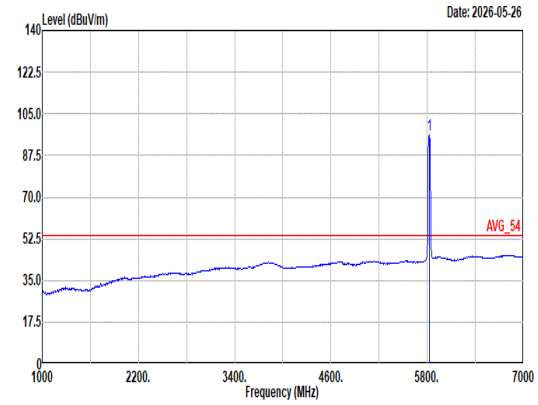
Mode	34	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11570.00 46.30 74.00 -27.70 44.33 38.64 18.80 56.80 1.33 -- -- Peak 2 17355.00 50.08 68.20 -18.12 40.39 41.53 22.62 55.91 1.45 -- -- 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 11570.00 47.59 74.00 -26.41 45.62 38.64 18.80 56.80 1.33 -- -- Peak 2 17355.00 50.94 68.20 -17.26 41.25 41.53 22.62 55.91 1.45 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

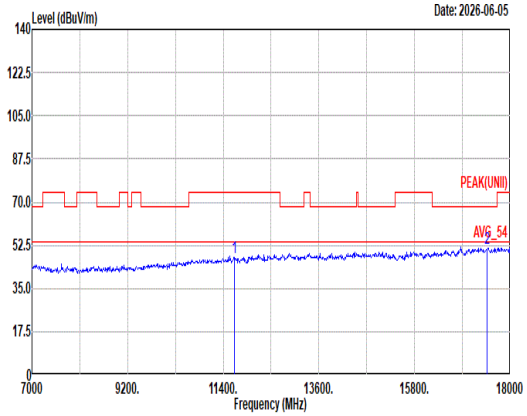
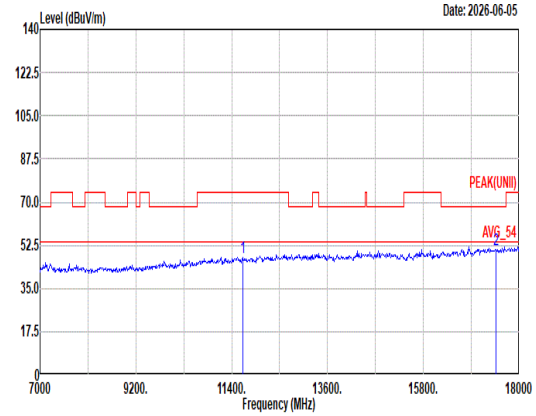
Mode	34	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	35	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 1 5855.00 53.29 110.80 -57.51 39.72 35.22 13.41 35.06 0.00 100 138 Peak 2 5874.38 51.01 105.37 -54.36 37.34 35.30 13.43 35.06 0.00 100 138 Peak 3 5924.00 50.76 68.94 -18.18 36.89 35.45 13.47 35.05 0.00 100 138 Peak 4 5935.38 52.22 68.20 -15.98 38.32 35.47 13.48 35.05 0.00 100 138 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 1 5825.00 105.47 ------ ------ 91.95 35.20 13.38 35.06 0.00 100 138 Peak
Avg	Blank	 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 1 5825.00 98.27 ------ ------ 84.75 35.20 13.38 35.06 0.00 100 138 Average

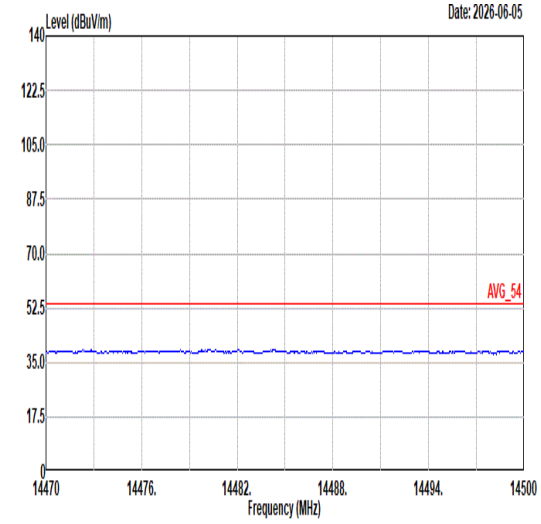
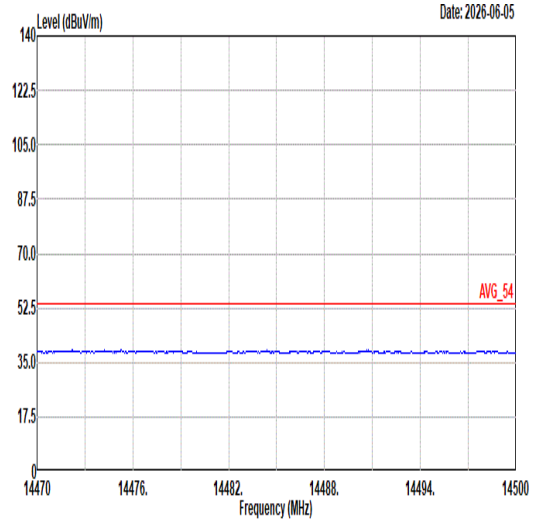
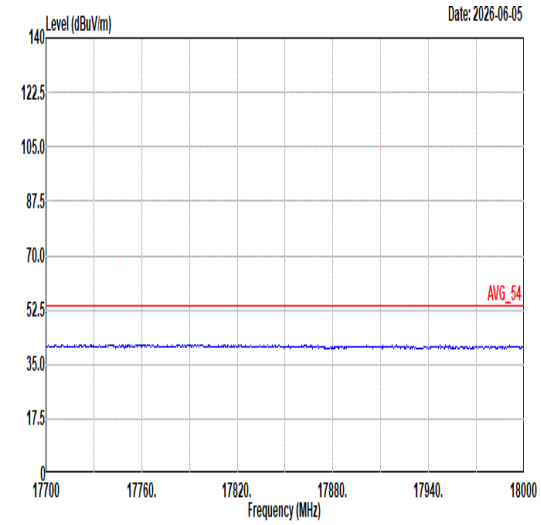
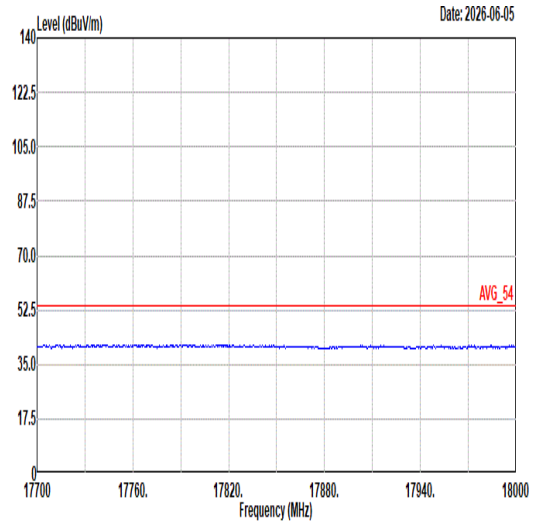
Remark: In the left figure, points 2.3.4 are the noise floor

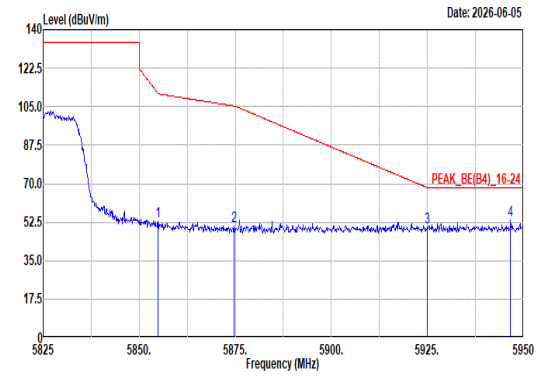
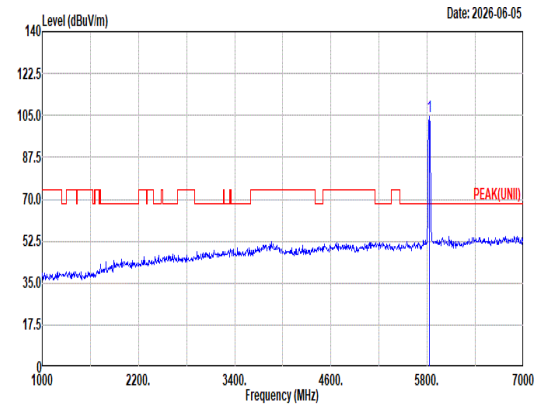
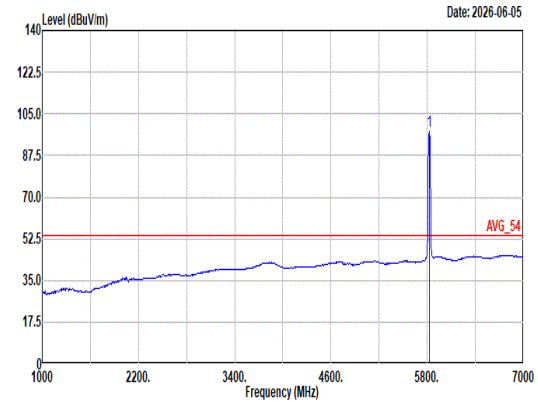
Mode	35	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 51.18 110.80 -59.62 37.61 35.22 13.41 35.06 0.00 391 62 Peak 2 5873.13 50.62 105.72 -55.10 36.96 35.29 13.43 35.06 0.00 391 62 Peak 3 5925.00 51.65 68.20 -16.55 37.78 35.45 13.47 35.05 0.00 391 62 Peak 4 5937.38 51.83 68.20 -16.37 37.93 35.47 13.48 35.05 0.00 391 62 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 5825.00 103.56 ------ ------ 90.04 35.20 13.38 35.06 0.00 391 62 Peak
Avg	Blank	 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 5825.00 96.32 ------ ------ 82.80 35.20 13.38 35.06 0.00 391 62 Average

Remark: In the left figure, points 2.3.4 are the noise floor

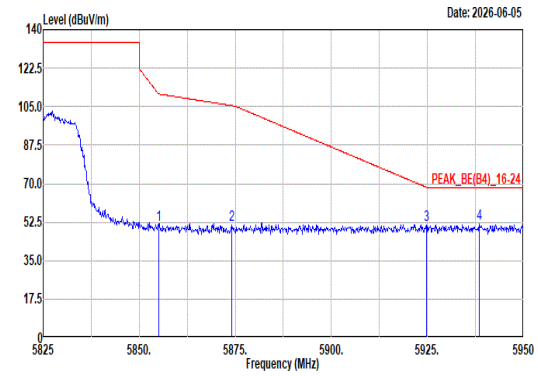
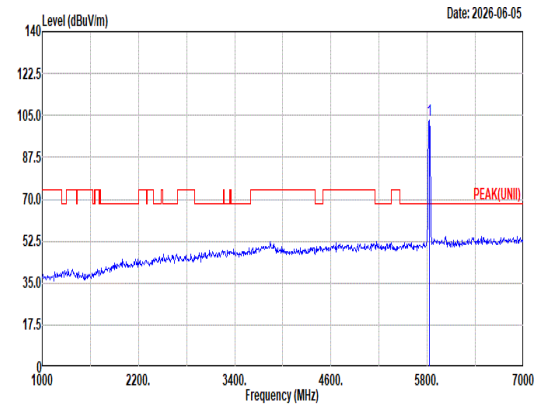
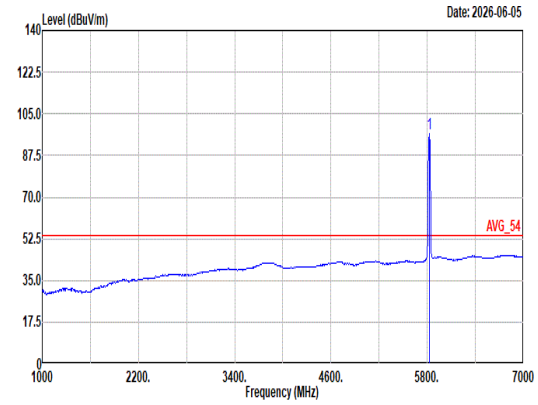
Mode	35	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.75 74.00 -26.25 45.60 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.12 68.20 -17.08 41.02 41.80 22.67 55.84 1.47 -- -- 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 11650.00 47.30 74.00 -26.70 45.15 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 50.72 68.20 -17.48 40.62 41.80 22.67 55.84 1.47 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

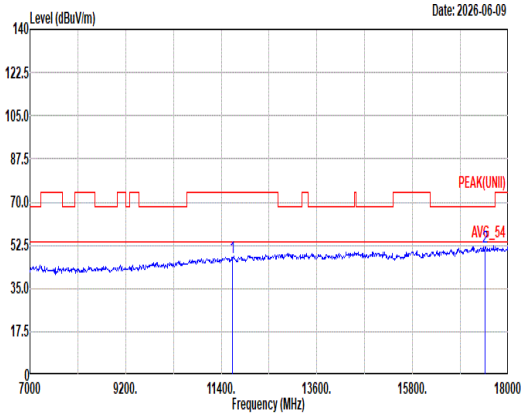
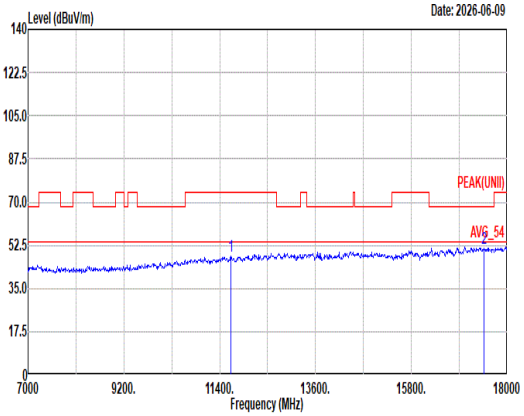
Mode	35	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	36	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5854.88 52.66 111.08 -58.42 39.09 35.22 13.41 35.06 0.00 100 136 Peak 2 5874.75 50.76 105.27 -54.51 37.09 35.30 13.43 35.06 0.00 100 136 Peak 3 5925.00 50.26 68.20 -17.94 36.39 35.45 13.47 35.05 0.00 100 136 Peak 4 5946.63 53.21 68.20 -14.99 39.28 35.49 13.49 35.05 0.00 100 136 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 5825.00 104.43 ------ ------ 90.90 35.20 13.39 35.06 0.00 100 136 Peak
Avg	Blank	 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 5825.00 97.72 ------ ------ 84.20 35.20 13.38 35.06 0.00 100 136 Average

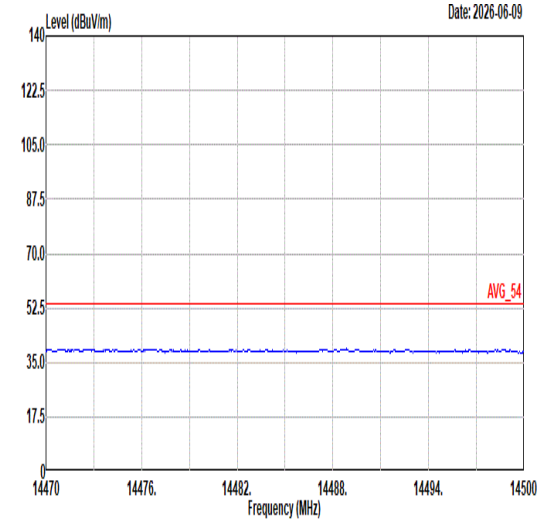
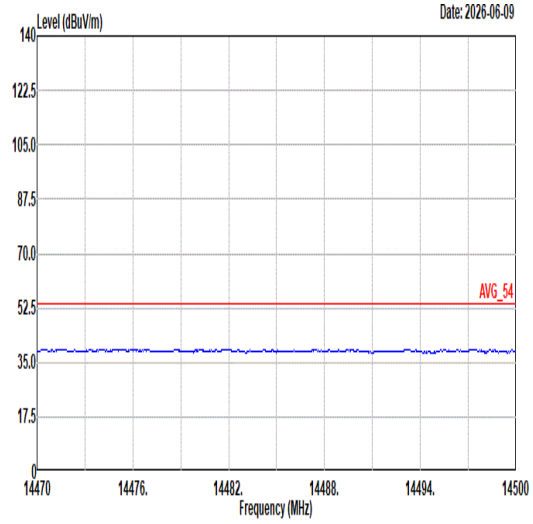
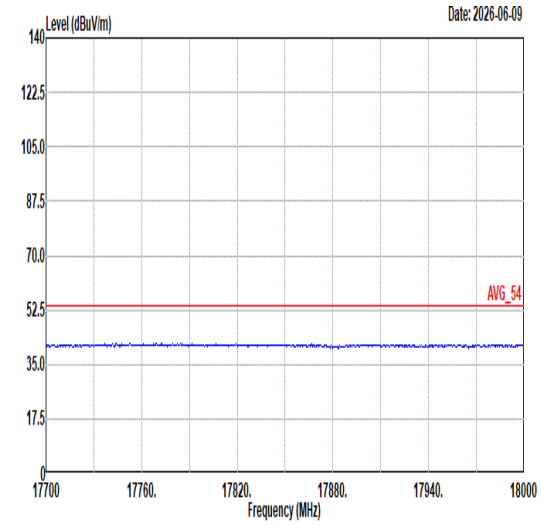
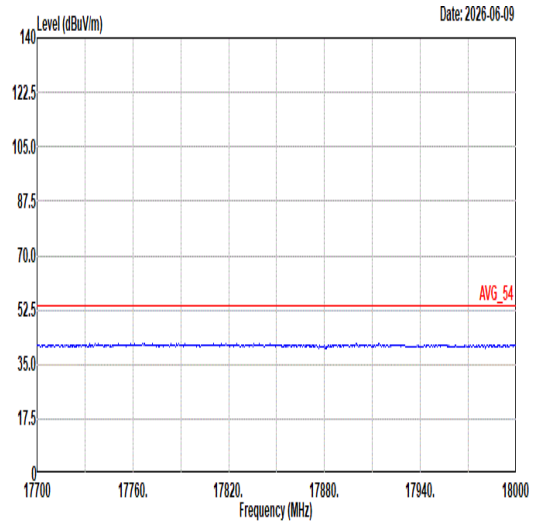
Remark: In the left figure, points 2.3.4 are the noise floor

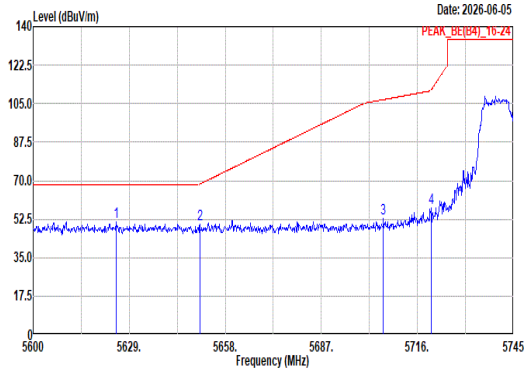
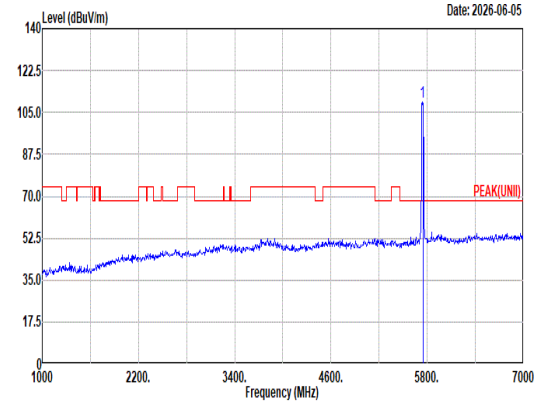
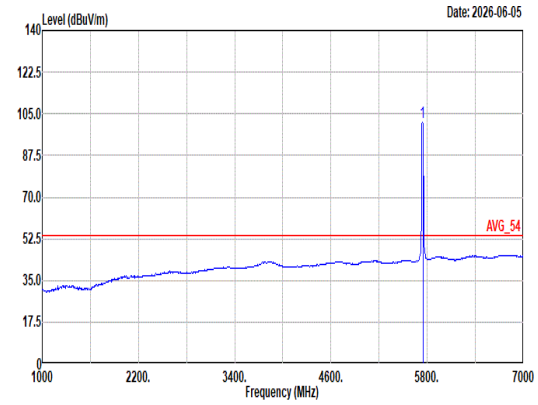
Mode	36	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 51.02 110.80 -59.78 37.45 35.22 13.41 35.06 0.00 391 48 Peak 2 5874.13 51.24 105.44 -54.20 37.57 35.30 13.43 35.06 0.00 391 48 Peak 3 5924.75 51.05 68.38 -17.33 37.18 35.45 13.47 35.05 0.00 391 48 Peak 4 5938.50 51.79 68.20 -16.41 37.88 35.48 13.48 35.05 0.00 391 48 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 5825.00 103.27 ------ ------ 89.75 35.20 13.38 35.06 0.00 391 48 Peak
Avg	Blank	 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 5825.00 96.63 ------ ------ 83.11 35.20 13.38 35.06 0.00 391 48 Average

Remark: In the left figure, points 2.3.4 are the noise floor

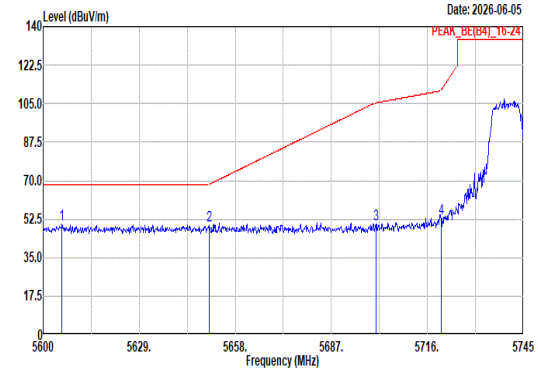
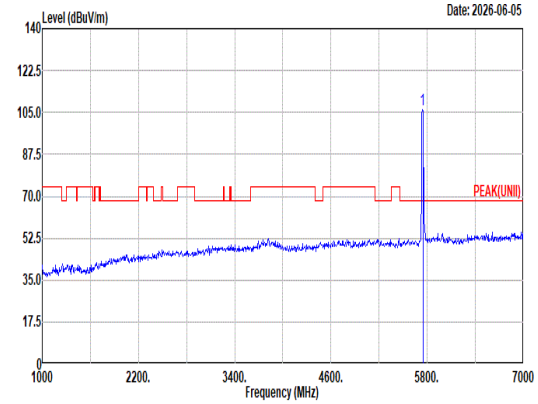
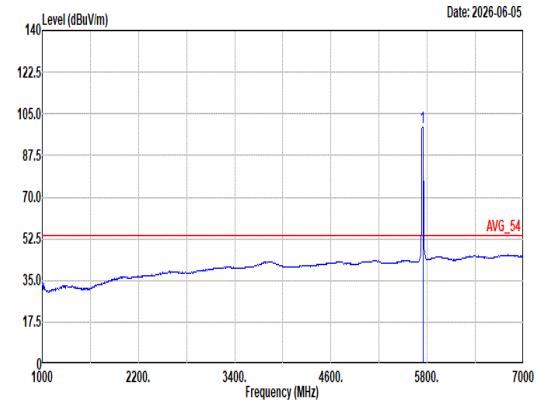
Mode	36	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11650.00 47.60 74.00 -26.40 45.45 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.89 68.20 -16.31 41.79 41.80 22.67 55.84 1.47 -- -- 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 11650.00 47.92 74.00 -26.08 45.77 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.24 68.20 -16.96 41.14 41.80 22.67 55.84 1.47 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

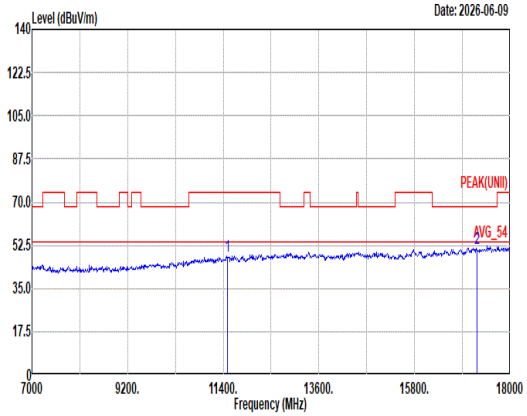
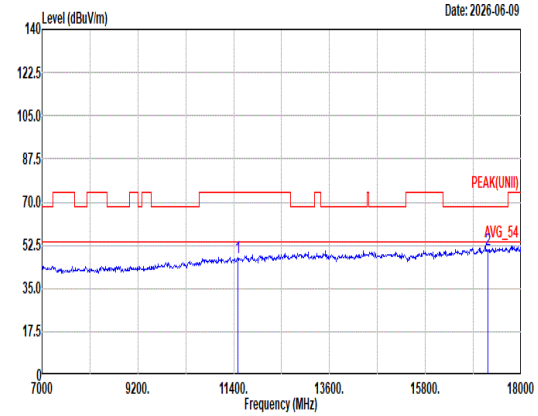
Mode	36	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	37	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial RU 106/53_5745MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5625.09 51.17 68.20 -17.03 38.09 34.95 13.20 35.07 0.00 282 140 Peak 2 5650.32 50.17 68.43 -18.26 37.01 35.00 13.23 35.07 0.00 282 140 Peak 3 5705.71 52.91 106.80 -53.89 39.60 35.10 13.28 35.07 0.00 282 140 Peak 4 5720.21 57.68 111.27 -53.59 44.36 35.10 13.29 35.07 0.00 282 140 Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5745.00 109.61 ------ ------ 96.27 35.10 13.31 35.07 0.00 282 140 Peak
Avg	Blank	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto 1 5745.00 101.36 ------ ------ 88.02 35.10 13.31 35.07 0.00 282 140 Average

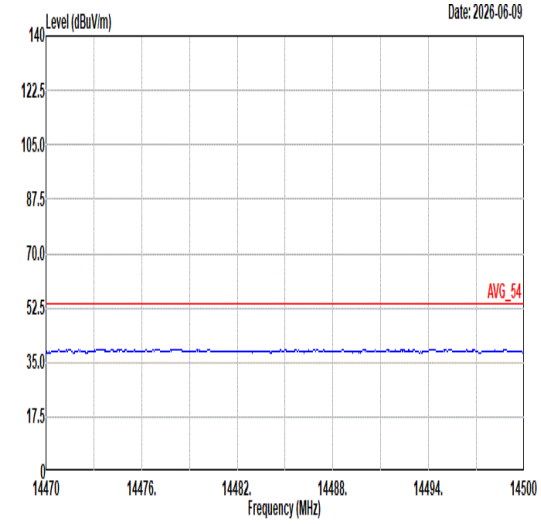
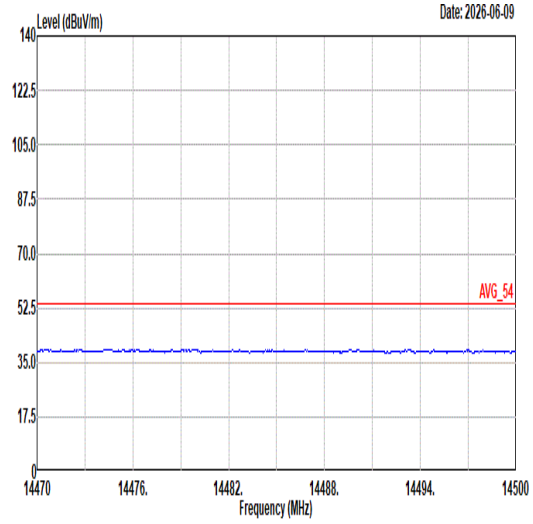
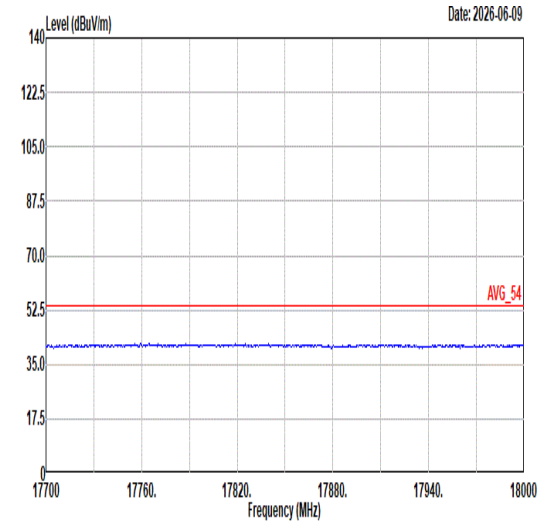
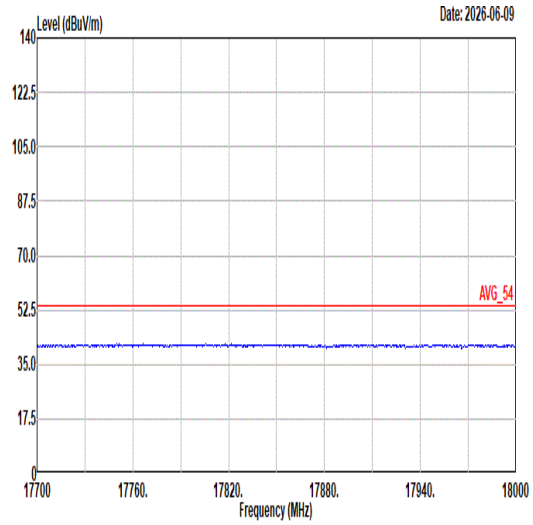
Remark: In the left figure, points 1.2.3 are the noise floor

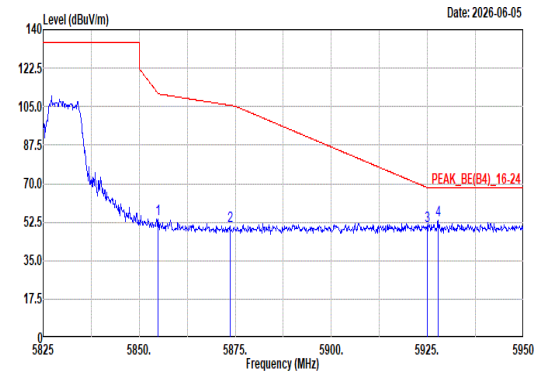
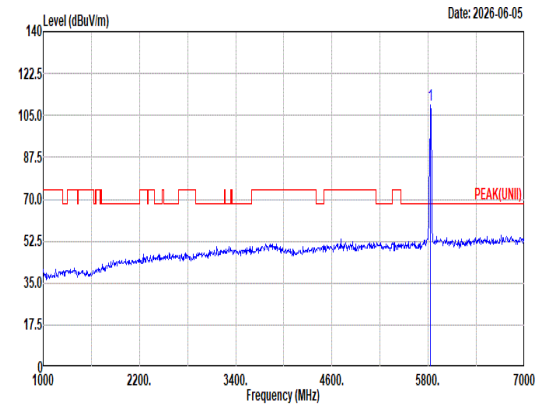
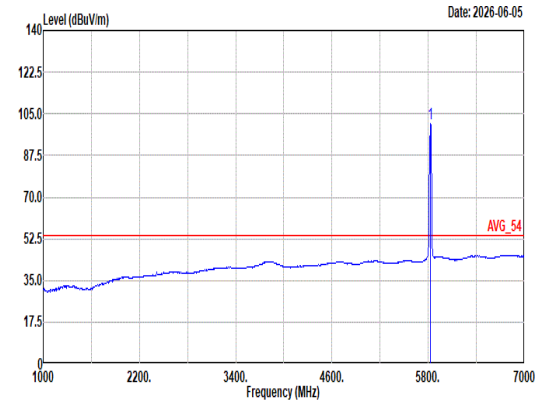
Mode	37	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial RU 106/53_5745MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5605.66 50.20 68.20 -18.00 37.17 34.91 13.19 35.07 0.00 381 52 Peak 2 5650.03 49.51 68.22 -18.71 36.35 35.00 13.23 35.07 0.00 381 52 Peak 3 5700.49 50.38 105.34 -54.96 37.08 35.10 13.27 35.07 0.00 381 52 Peak 4 5720.21 53.02 111.27 -58.25 39.70 35.10 13.29 35.07 0.00 381 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 5745.00 106.40 ------ ------ 93.06 35.10 13.31 35.07 0.00 381 52 Peak
Avg	Blank	 Site : 03CH07-HY Condition: AVG_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 5745.00 99.53 ------ ------ 86.19 35.10 13.31 35.07 0.00 381 52 Average

Remark: In the left figure, points 1.2.3 are the noise floor

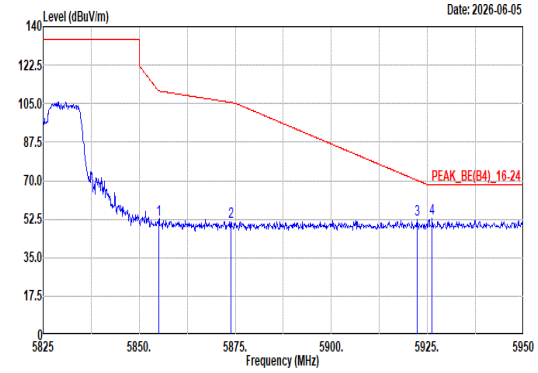
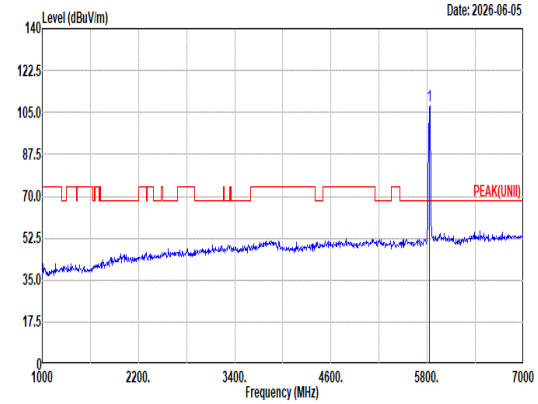
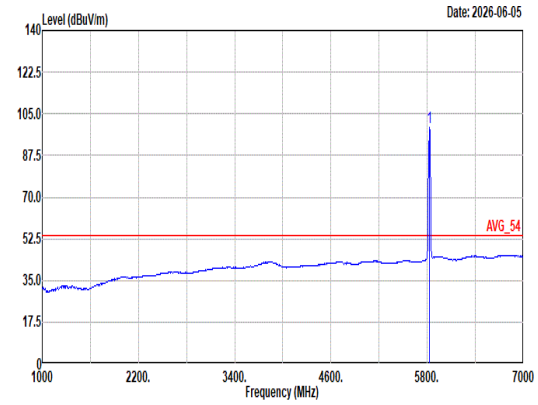
Mode	37	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial RU 106/53_5745MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH07-HY Condition: PEAK(UNII) 3m HF_ANT_00075962 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11490.00 48.01 74.00 -25.99 46.42 38.48 18.72 56.93 1.32 -- -- Peak 2 17235.00 51.15 68.20 -17.05 41.25 41.87 22.57 55.97 1.43 -- -- 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 11490.00 47.29 74.00 -26.71 45.70 38.48 18.72 56.93 1.32 -- -- Peak 2 17235.00 50.53 68.20 -17.67 40.63 41.87 22.57 55.97 1.43 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

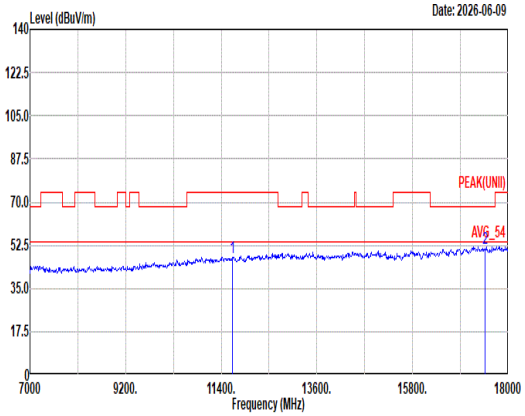
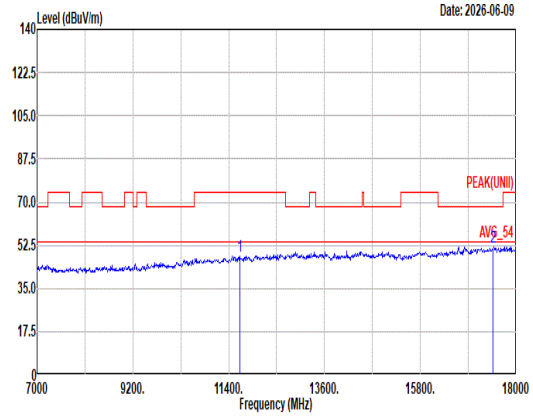
Mode	37	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial RU 106/53_5745MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	38	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial RU 106/54_5825MHz	
ANT	1	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 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 5854.88 53.67 111.08 -57.41 40.10 35.22 13.41 35.06 0.00 300 179 Peak 2 5873.63 50.78 105.58 -54.80 37.12 35.29 13.43 35.06 0.00 300 179 Peak 3 5924.88 50.61 68.29 -17.68 36.74 35.45 13.47 35.05 0.00 300 179 Peak 4 5927.75 53.21 68.20 -14.99 39.33 35.46 13.47 35.05 0.00 300 179 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 5825.00 109.54 ------ ------ 96.01 35.20 13.39 35.06 0.00 300 179 Peak
Avg	Blank	 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 5825.00 101.02 ------ ------ 87.49 35.20 13.39 35.06 0.00 300 179 Average

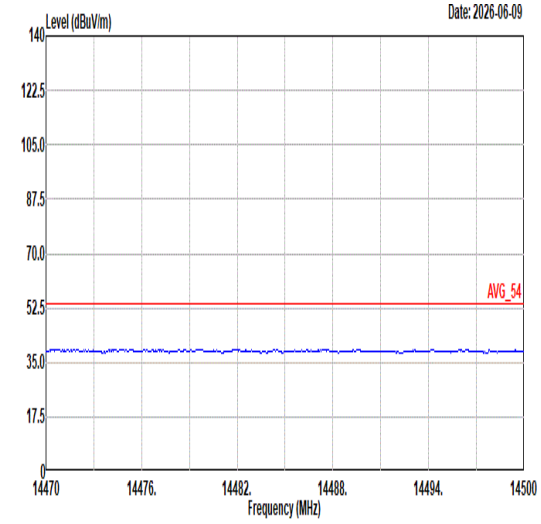
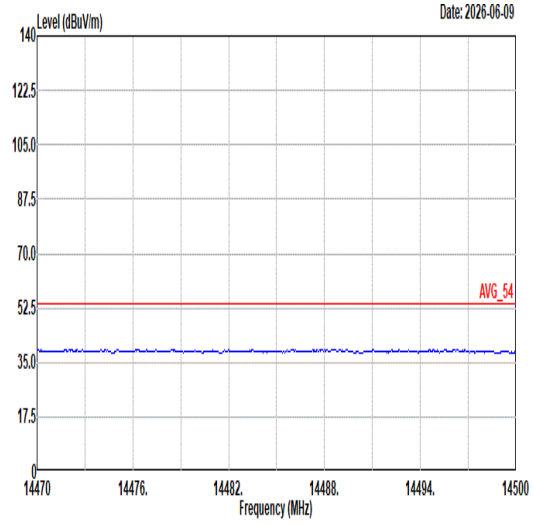
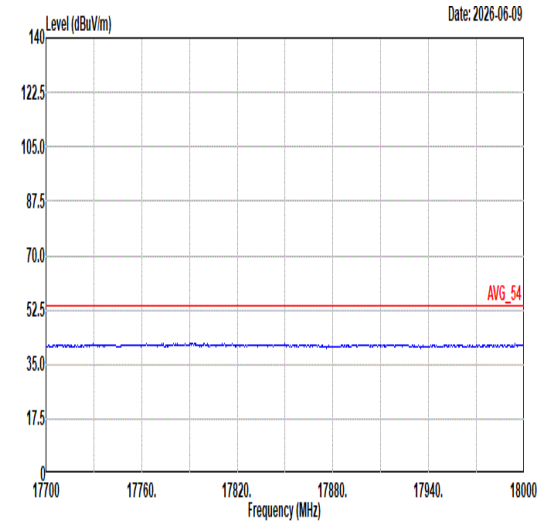
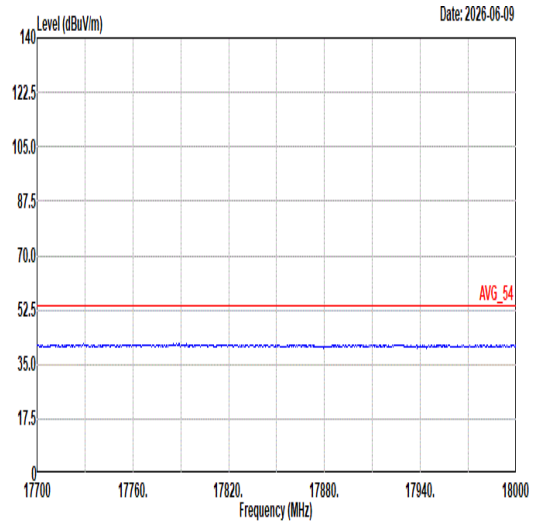
Remark: In the left figure, points 2.3.4 are the noise floor

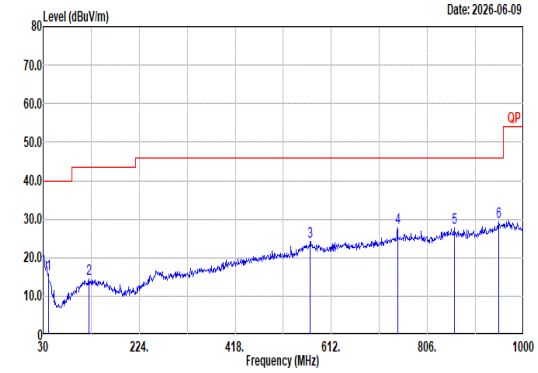
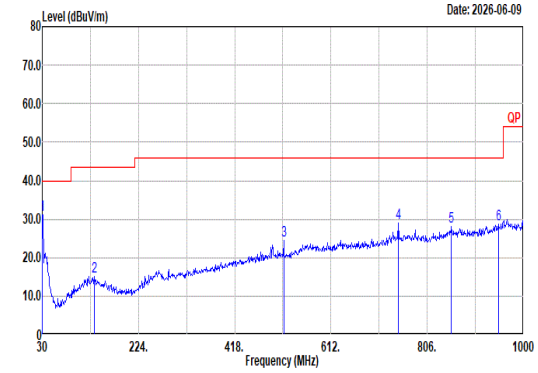
Mode	38	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial RU 106/54_5825MHz	
ANT	1	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition: PEAK_BE(B4)_16-24 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 52.18 110.80 -58.62 38.61 35.22 13.41 35.06 0.00 388 57 Peak 2 5873.88 51.32 105.51 -54.19 37.65 35.30 13.43 35.06 0.00 388 57 Peak 3 5922.38 52.53 70.13 -17.60 38.67 35.44 13.47 35.05 0.00 388 57 Peak 4 5926.25 53.05 68.20 -15.15 39.18 35.45 13.47 35.05 0.00 388 57 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 5825.00 107.91 ------ ------ 94.38 35.20 13.39 35.06 0.00 388 57 Peak
Avg	Blank	 Site : 03CH07-HY Condition: AVG_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 5825.00 99.06 ------ ------ 85.53 35.20 13.39 35.06 0.00 388 57 Average

Remark: In the left figure, points 2.3.4 are the noise floor

Mode	38	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial RU 106/54_5825MHz	
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 11650.00 47.76 74.00 -26.24 45.61 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.15 68.20 -17.05 41.05 41.80 22.67 55.84 1.47 -- -- 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 11650.00 47.82 74.00 -26.18 45.67 38.60 18.88 56.68 1.35 -- -- Peak 2 17475.00 51.57 68.20 -16.63 41.47 41.80 22.67 55.84 1.47 -- -- Peak

Remark: In the figure, points 1.2 are the noise floor

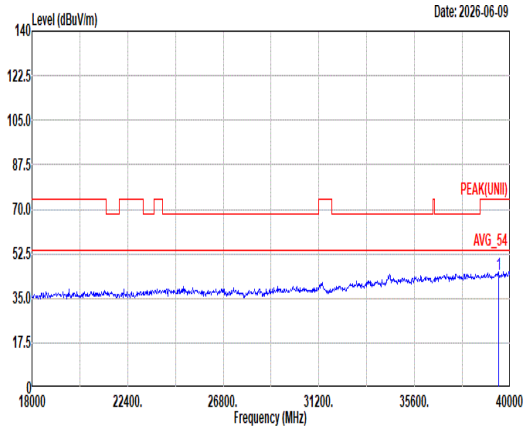
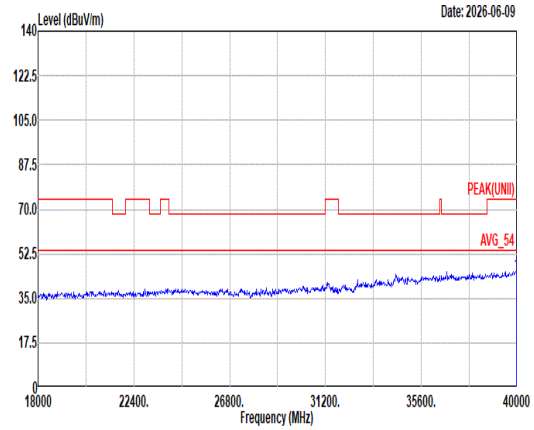
Mode	38	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial RU 106/54_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
17.7G ~18G Avg	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL

Mode	39	
	LF	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH07-HY Condition: QP 3m Bilog_35419 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 40.67 15.70 40.00 -24.30 25.64 18.97 1.11 30.02 0.00 -- -- Peak 2 123.12 14.47 43.50 -29.03 24.78 17.67 1.97 29.95 0.00 -- -- Peak 3 569.32 24.21 46.00 -21.79 23.87 25.94 4.19 29.79 0.00 -- -- Peak 4 745.86 27.91 46.00 -18.09 24.77 27.94 4.83 29.63 0.00 -- -- Peak 5 860.32 27.69 46.00 -18.31 22.68 29.05 5.16 29.20 0.00 -- -- Peak 6 950.53 29.16 46.00 -16.84 21.84 30.65 5.43 28.76 0.00 -- -- Peak	 Site : 03CH07-HY Condition: QP 3m Bilog_35419 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 30.00 31.18 40.00 -8.82 36.28 23.93 0.96 29.99 0.00 -- -- Peak 2 135.73 14.99 43.50 -28.51 25.35 17.49 2.05 29.90 0.00 -- -- Peak 3 516.94 24.46 46.00 -21.54 26.64 23.71 3.99 29.88 0.00 -- -- Peak 4 747.80 28.86 46.00 -17.14 25.69 27.96 4.84 29.63 0.00 -- -- Peak 5 854.50 27.96 46.00 -18.04 22.94 29.09 5.14 29.21 0.00 -- -- Peak 6 949.56 28.83 46.00 -17.17 21.56 30.60 5.43 28.76 0.00 -- -- Peak

Remark:

1.In the left figure, points 2.3.5.6 are the noise floor

2.In the right figure, points 2.3.5.6 are the noise floor

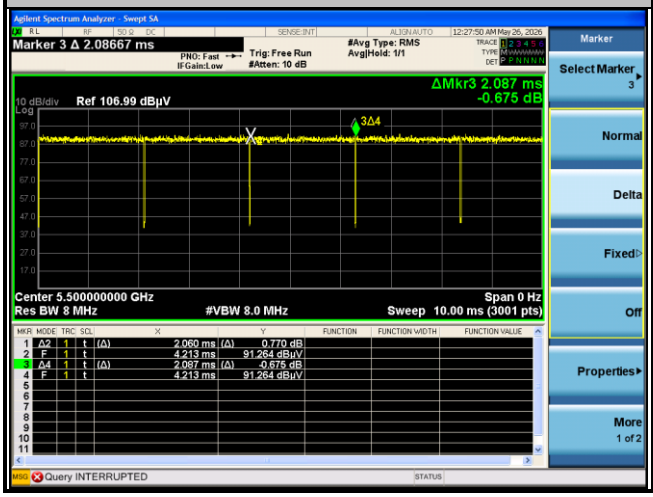
Mode	40	
	SHF	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH07-HY Condition: PEAK(UNII) 1m SHF-EHF_9170251 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 39461.74 44.53 74.00 -29.47 44.90 43.91 24.54 59.28 -9.54 -- -- PEAK	 Site : 03CH07-HY Condition: PEAK(UNII) 1m SHF-EHF_9170251 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 39976.39 44.44 74.00 -29.56 43.61 43.84 24.78 58.25 -9.54 -- -- PEAK

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

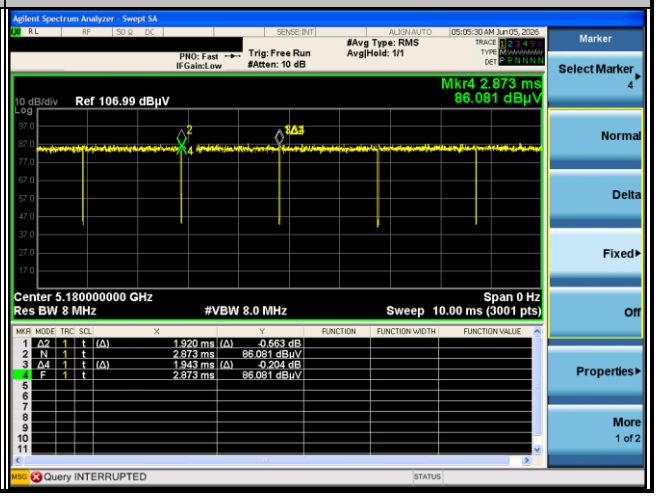
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
1	802.11a	98.71	-	-	10Hz
1	5GHz 802.11n HT20	98.82	-	-	10Hz
1	5GHz 802.11ax HE20 Full RU	98.35	-	-	10Hz
1	5GHz 802.11ax HE20 106 RU	97.04	1017	0.98	1kHz

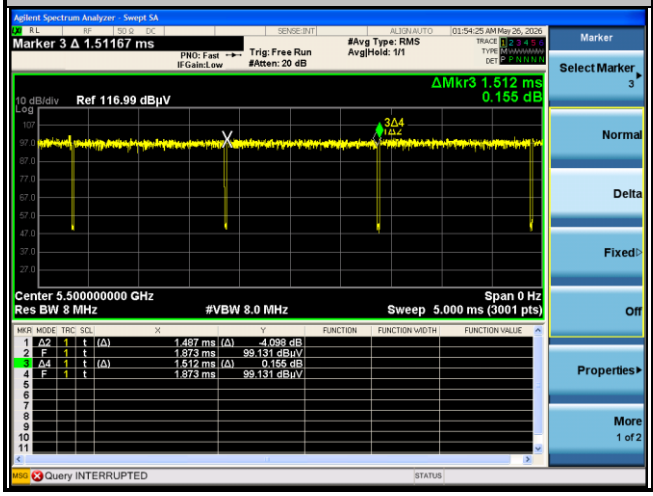
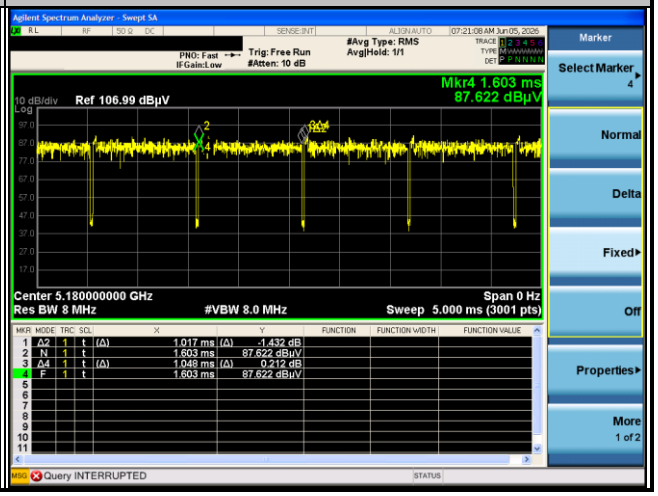
802.11a



5GHz 802.11n HT20



5GHz 802.11ax HE20 Full RU



5GHz 802.11ax HE20 106 RU